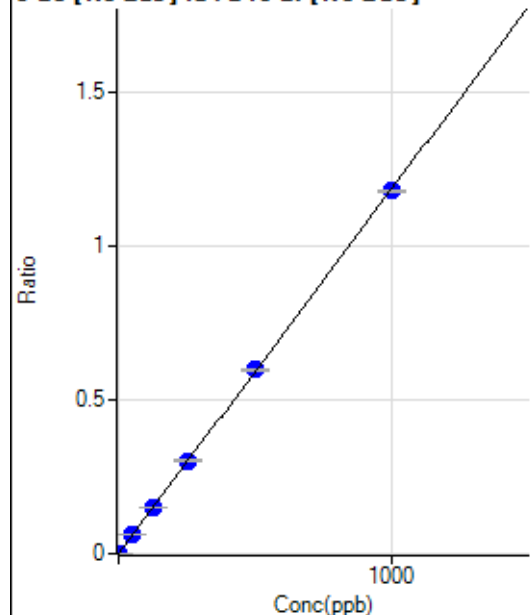


Batch Folder: D:\P8011018MS .b\
Analysis File: P8011018MS .batch.bin
DA Date-Time: 2018-01-10 18:38:00
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8011018MS.D	S00	2018-01-10 14:47:02
2			
3	005CALS P8011018MS.D	S02	2018-01-10 14:53:59
4	006CALS P8011018MS.D	S03	2018-01-10 14:57:32
5	007CALS P8011018MS.D	S04	2018-01-10 15:01:04
6	008CALS P8011018MS.D	S05	2018-01-10 15:04:29
7	009CALS P8011018MS.D	S06	2018-01-10 15:07:49
8	010CALS P8011018MS.D	S07	2018-01-10 15:11:06
9	011CALS P8011018MS.D	S08	2018-01-10 15:14:20

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.30	0.0001	P	32.6
2	☐	0.100					
3	☐	1.000	0.893	875.98	0.0012	P	16.4
4	☐	50.000	53.059	46505.00	0.0629	P	1.4
5	☐	125.000	128.447	112213.95	0.1520	P	1.1
6	☐	250.000	255.406	219907.96	0.3020	P	0.5
7	☐	500.000	505.324	428460.49	0.5975	P	0.8
8	☐	1000.000	995.403	823150.88	1.1768	P	0.7
9	☐			633.37	0.0009	P	8.7

$$y = 0.0012 * x + 1.3197E-004$$

$$R = 1.0000$$

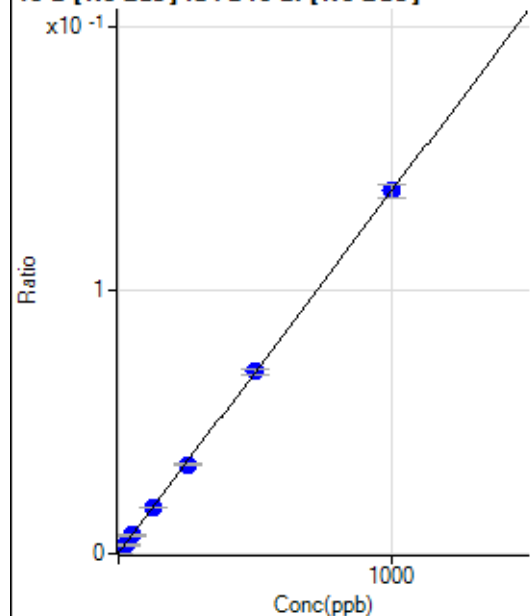
$$DL = 0.1091$$

$$BEC = 0.1116$$

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	188.90	0.0003	P	14.8
2	☐	2.500					
3	☐	25.000	22.098	2428.09	0.0033	P	3.0
4	☐	50.000	48.669	5134.46	0.0069	P	1.8
5	☐	125.000	125.399	12900.76	0.0175	P	0.7
6	☐	250.000	243.953	24566.43	0.0337	P	2.0
7	☐	500.000	501.428	49539.26	0.0691	P	2.7
8	☐	1000.000	1000.887	96263.59	0.1376	P	3.7
9	☐			4220.23	0.0063	P	15.2

$$y = 1.3725E-004 * x + 2.5926E-004$$

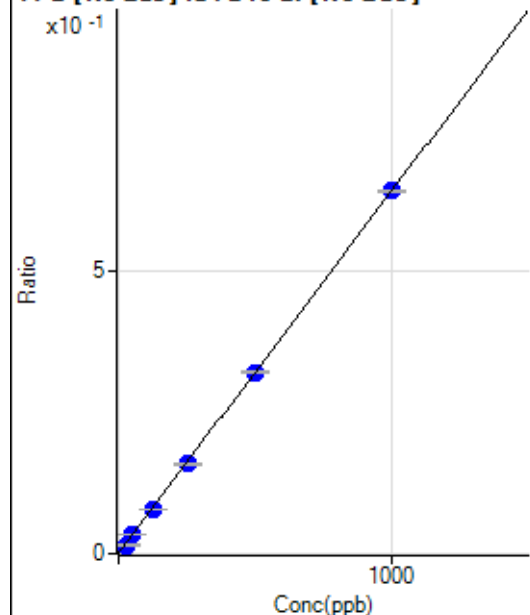
$$R = 1.0000$$

$$DL = 0.8361$$

$$BEC = 1.889$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	736.16	0.0010	P	4.0
2	☐	2.500					
3	☐	25.000	22.260	11246.48	0.0152	P	4.2
4	☐	50.000	50.138	24477.30	0.0331	P	1.4
5	☐	125.000	121.940	58347.48	0.0790	P	1.5
6	☐	250.000	247.857	116167.31	0.1596	P	2.1
7	☐	500.000	500.167	230154.23	0.3209	P	1.2
8	☐	1000.000	1000.897	448547.94	0.6412	P	0.8
9	☐			18609.95	0.0276	P	5.6

$$y = 6.3965E-004 * x + 0.0010$$

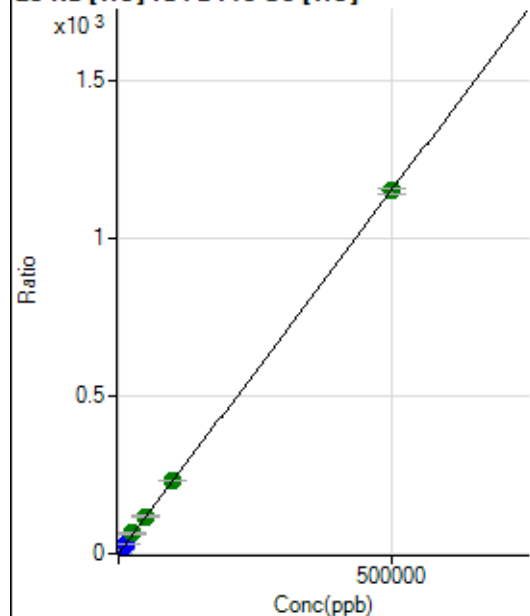
$$R = 1.0000$$

$$DL = 0.1884$$

$$BEC = 1.578$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14074.16	0.6352	P	5.5
2	☐	50.000					
3	☐	500.000	470.970	37837.47	1.7200	P	1.4
4	☐	5000.000	5204.478	277048.54	12.6226	P	1.8
5	☐	12500.000	13092.646	650071.26	30.7913	P	0.4
6	☐	25000.000	27704.525	1298903.57	64.4466	A	10.8
7	☐	50000.000	51277.159	2504500.06	118.7411	A	0.5
8	☐	100000.00	100627.18	4815651.63	232.4082	A	0.6
9	☐	500000.00	499594.79	22379594.60	1,151.343	A	1.5

$$y = 0.0023 * x + 0.6352$$

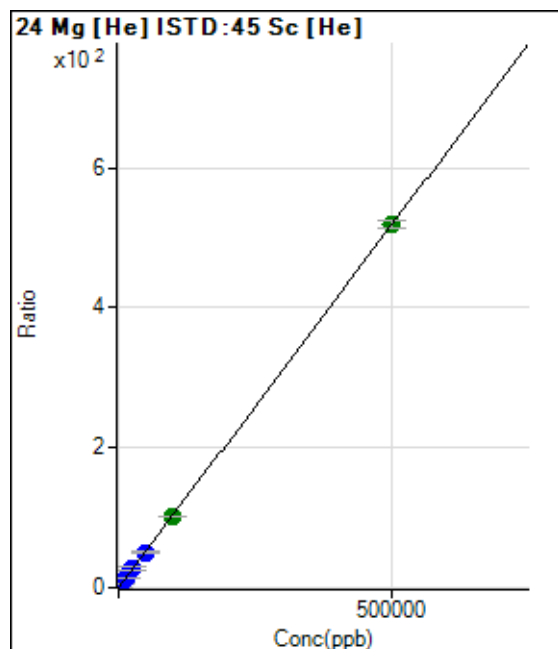
$$R = 1.0000$$

$$DL = 45.26$$

$$BEC = 275.8$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0127	P	17.3
2	☐	50.000					
3	☐	500.000	466.238	10910.21	0.4959	P	2.5
4	☐	5000.000	5090.579	116101.33	5.2893	P	1.2
5	☐	12500.000	12603.811	276112.32	13.0772	P	0.9
6	☐	25000.000	26372.143	551039.81	27.3489	P	11.3
7	☐	50000.000	48882.775	1068982.40	50.6824	P	0.7
8	☐	100000.00	98539.288	2116699.44	102.1542	A	0.6
9	☐	500000.00	500331.79	10080734.25	518.6348	A	2.0

$$y = 0.0010 * x + 0.0127$$

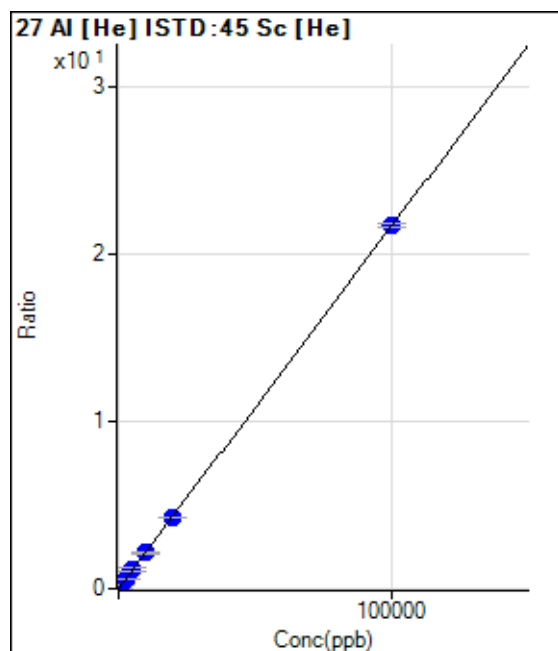
$$R = 1.0000$$

$$DL = 6.348$$

$$BEC = 12.22$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0010	P	58.1
2	☐	2.000					
3	☐	20.000	12.230	80.56	0.0037	P	15.6
4	☐	1000.000	980.688	4689.89	0.2137	P	3.9
5	☐	2500.000	2534.894	11638.55	0.5508	P	3.8
6	☐	5000.000	5343.805	23367.30	1.1600	P	11.6
7	☐	10000.000	9817.375	44935.88	2.1302	P	2.1
8	☐	20000.000	19619.362	88187.40	4.2561	P	1.4
9	☐	100000.00	100076.52	421932.75	21.7060	P	1.1

$$y = 2.1688E-004 * x + 0.0010$$

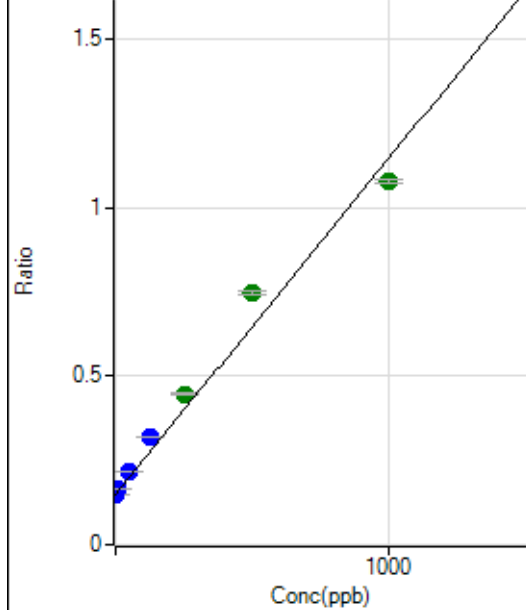
$$R = 1.0000$$

$$DL = 8.11$$

$$BEC = 4.651$$

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	395443.69	0.1491	P	0.7
2	☐	1.000					
3	☐	10.000	16.440	439937.95	0.1655	P	2.0
4	☐	50.000	68.388	573998.24	0.2172	P	1.4
5	☐	125.000	171.086	847144.00	0.3195	P	0.8
6	☐	250.000	298.947	1176168.52	0.4468	A	1.6
7	☐	500.000	600.786	1951869.99	0.7474	A	2.0
8	☐	1000.000	930.626	2770730.27	1.0759	A	1.0
9	☐			488214.11	0.1973	P	0.8

$$y = 9.9585E-004 * x + 0.1491$$

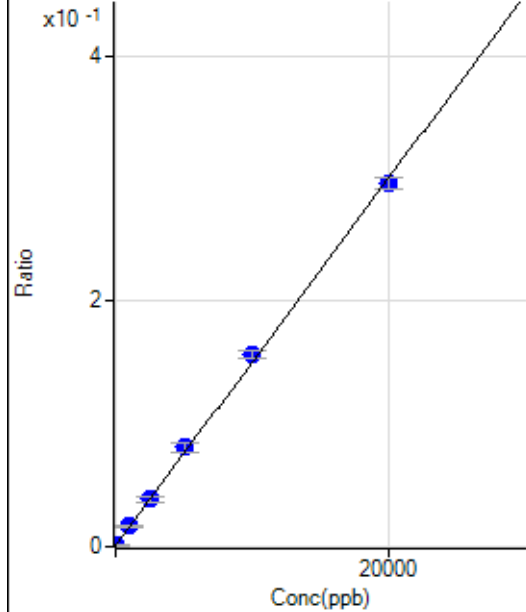
$$R = 0.9901$$

$$DL = 2.926$$

$$BEC = 149.8$$

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	-12.854	11.11	0.0005	P	115.5
2	☐	0.000					
3	☐	0.000	12.854	19.44	0.0009	P	99.5
4	☐	1000.000	1086.484	372.24	0.0170	P	10.4
5	☐	2500.000	2532.471	813.96	0.0386	P	9.4
6	☐	5000.000	5350.081	1633.51	0.0809	P	9.2
7	☐	10000.000	10415.507	3306.10	0.1568	P	4.9
8	☐	20000.000	19696.343	6129.37	0.2958	P	3.1
9	☐			11.11	0.0006	P	115.0

$$y = 1.4983E-005 * x + 6.9443E-004$$

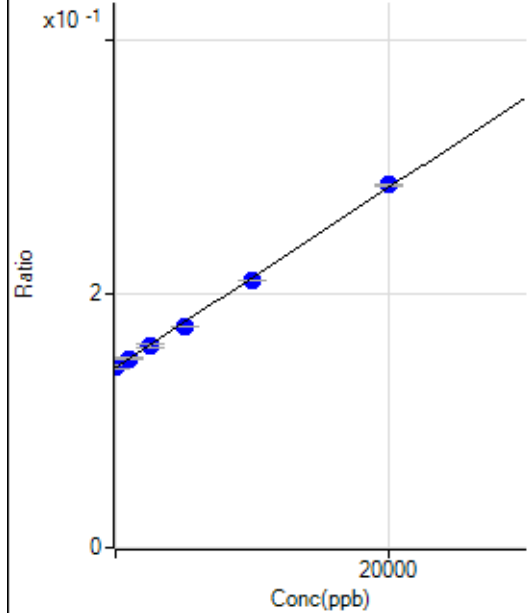
$$R = 0.9995$$

$$DL = 146.4$$

$$BEC = 46.35$$

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	35.082	377768.82	0.1425	P	0.5
2	☐	0.000					
3	☐	0.000	-35.082	377368.93	0.1420	P	2.2
4	☐	1000.000	990.242	394316.78	0.1492	P	1.0
5	☐	2500.000	2388.250	421937.01	0.1591	P	1.0
6	☐	5000.000	4527.949	458813.75	0.1743	P	0.5
7	☐	10000.000	9678.822	550491.85	0.2108	P	0.4
8	☐	20000.000	20293.059	736532.73	0.2860	P	0.8
9	☐			324250.06	0.1310	P	1.0

$$y = 7.0851\text{E-}006 * x + 0.1422$$

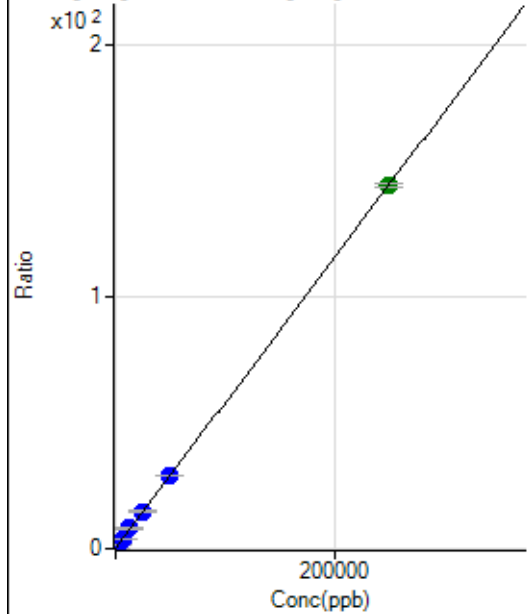
$$R = 0.9995$$

$$DL = 829.1$$

$$BEC = 2.007\text{E}+04$$

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	2467.00	0.1112	P	11.1
2	☐	50.000					
3	☐	500.000	438.282	7999.81	0.3636	P	2.3
4	☐	2500.000	2645.552	35874.42	1.6347	P	3.3
5	☐	6250.000	6591.553	82539.50	3.9071	P	2.3
6	☐	12500.000	13744.496	161765.82	8.0263	P	10.9
7	☐	25000.000	25635.090	313711.78	14.8737	P	0.8
8	☐	50000.000	50502.740	604933.24	29.1943	P	0.5
9	☐	250000.00	249763.84	2798047.59	143.9428	A	1.1

$$y = 5.7587\text{E-}004 * x + 0.1112$$

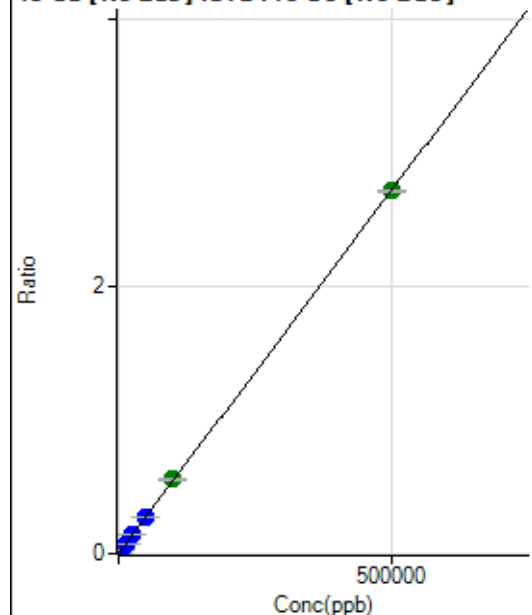
$$R = 1.0000$$

$$DL = 64.38$$

$$BEC = 193.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	966.74	0.0004	P	7.1
2	☐	50.000					
3	☐	500.000	447.792	7441.22	0.0028	P	5.4
4	☐	5000.000	5129.593	74682.19	0.0283	P	1.8
5	☐	12500.000	12740.327	184700.20	0.0697	P	0.6
6	☐	25000.000	25206.707	361860.04	0.1375	P	0.8
7	☐	50000.000	50689.749	720972.17	0.2761	P	0.7
8	☐	100000.00	102376.70	1434973.88	0.5572	A	1.0
9	☐	500000.00	499438.09	6724539.47	2.7169	A	0.5

$$y = 5.4393\text{E-}006 * x + 3.6453\text{E-}004$$

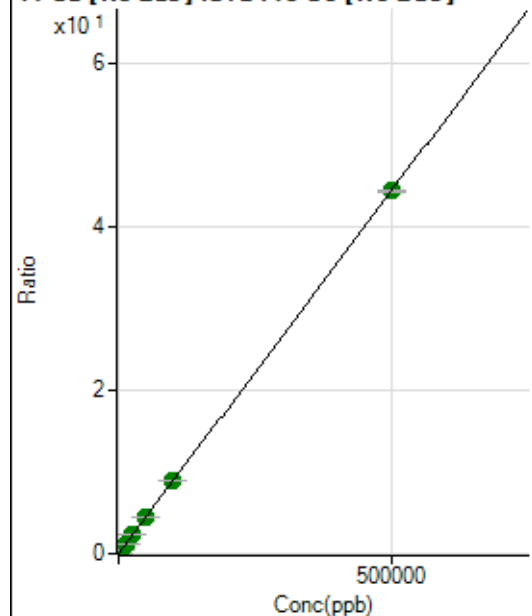
$$R = 1.0000$$

$$DL = 14.22$$

$$BEC = 67.02$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18863.58	0.0071	P	2.9
2	☐	50.000					
3	☐	500.000	451.035	125204.08	0.0471	P	1.9
4	☐	5000.000	5203.681	1237810.18	0.4684	A	0.5
5	☐	12500.000	12829.608	3034526.37	1.1445	A	0.8
6	☐	25000.000	25173.994	5893608.86	2.2389	A	0.5
7	☐	50000.000	50497.823	11709848.09	4.4840	A	0.2
8	☐	100000.00	100571.20	22980826.73	8.9232	A	0.2
9	☐	500000.00	499817.05	109682649.6	44.3183	A	0.8

$$y = 8.8655\text{E-}005 * x + 0.0071$$

$$R = 1.0000$$

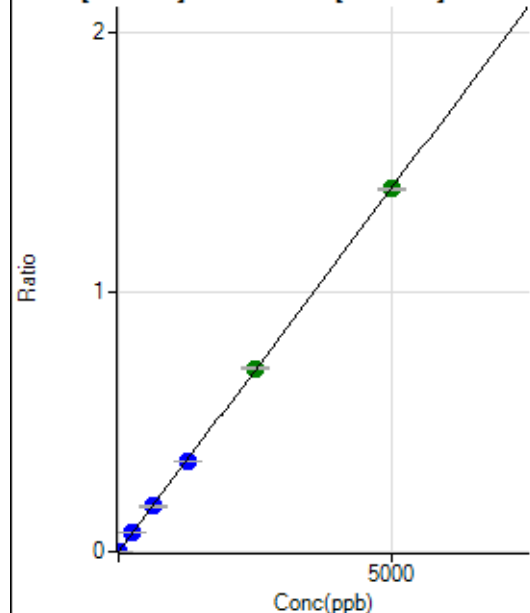
$$DL = 6.945$$

$$BEC = 80.25$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.89	0.0000	P	14.6
2	☐	0.500					
3	☐	5.000	4.573	3495.03	0.0013	P	3.0
4	☐	250.000	252.995	187303.92	0.0709	P	0.1
5	☐	625.000	621.979	461897.33	0.1742	P	0.9
6	☐	1250.000	1236.569	911631.34	0.3463	P	0.4
7	☐	2500.000	2525.538	1847054.25	0.7073	A	0.3
8	☐	5000.000	4990.817	3599411.02	1.3977	A	0.8
9	☐			694.50	0.0003	P	18.9

$$y = 2.8004\text{E-}004 * x + 3.3534\text{E-}005$$

$$R = 1.0000$$

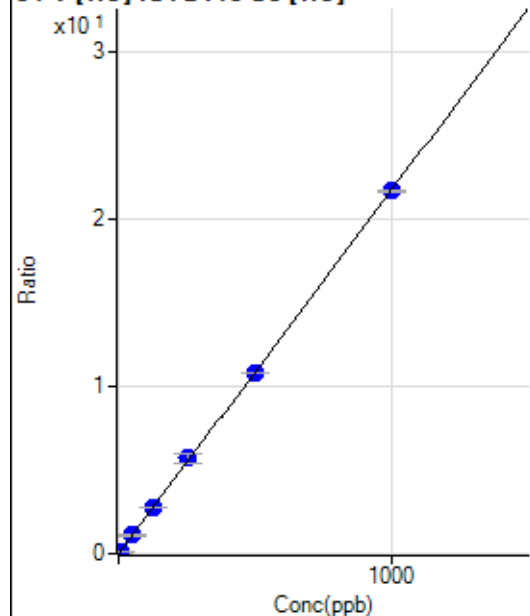
$$DL = 0.05249$$

$$BEC = 0.1197$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0001	P	173.2
2	☐	0.500					
3	☐	5.000	4.406	2106.87	0.0958	P	5.0
4	☐	50.000	50.678	24168.85	1.1013	P	2.7
5	☐	125.000	126.679	58115.75	2.7527	P	1.2
6	☐	250.000	263.506	115415.89	5.7259	P	10.7
7	☐	500.000	497.042	227805.24	10.8005	P	0.5
8	☐	1000.000	997.862	449290.79	21.6830	P	0.3
9	☐			75.56	0.0039	P	22.2

$$y = 0.0217 * x + 5.0622\text{E-}005$$

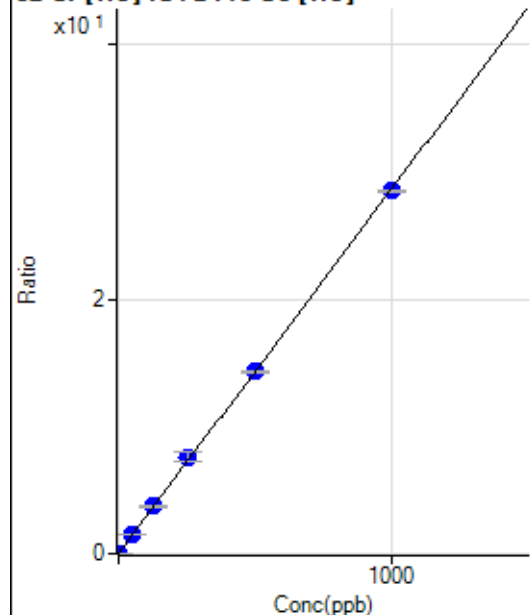
$$R = 0.9999$$

$$DL = 0.01211$$

$$BEC = 0.00233$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	257.79	0.0116	P	16.0
2	☐	0.200					
3	☐	2.000	2.145	1607.90	0.0731	P	2.6
4	☐	50.000	51.080	32373.13	1.4749	P	1.7
5	☐	125.000	128.957	78245.20	3.7059	P	0.1
6	☐	250.000	265.269	153400.06	7.6109	P	10.8
7	☐	500.000	500.502	302656.54	14.3496	P	0.9
8	☐	1000.000	995.383	591105.29	28.5266	P	0.2
9	☐			5251.08	0.2702	P	5.5

$$y = 0.0286 * x + 0.0116$$

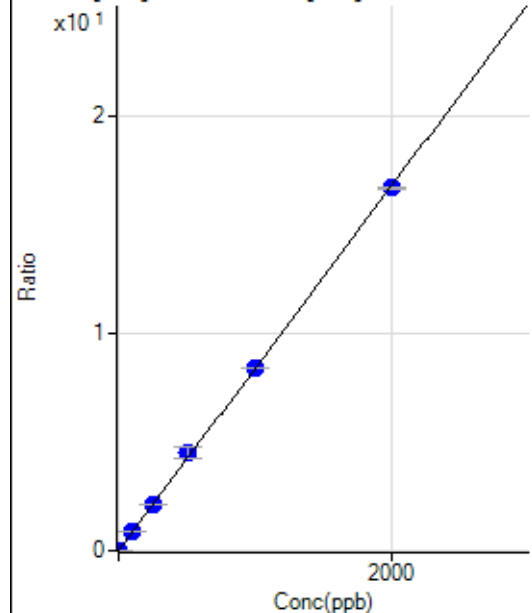
$$R = 0.9999$$

$$DL = 0.1954$$

$$BEC = 0.4062$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0009	P	51.7
2	☐	0.100					
3	☐	1.000	0.982	200.01	0.0091	P	21.5
4	☐	100.000	102.437	18884.09	0.8603	P	2.0
5	☐	250.000	256.926	45539.84	2.1564	P	1.0
6	☐	500.000	535.214	90506.44	4.4911	P	11.0
7	☐	1000.000	1001.185	177183.09	8.4005	P	0.5
8	☐	2000.000	1989.616	345896.90	16.6931	P	0.2
9	☐			760.04	0.0391	P	9.8

$$y = 0.0084 * x + 8.5406E-004$$

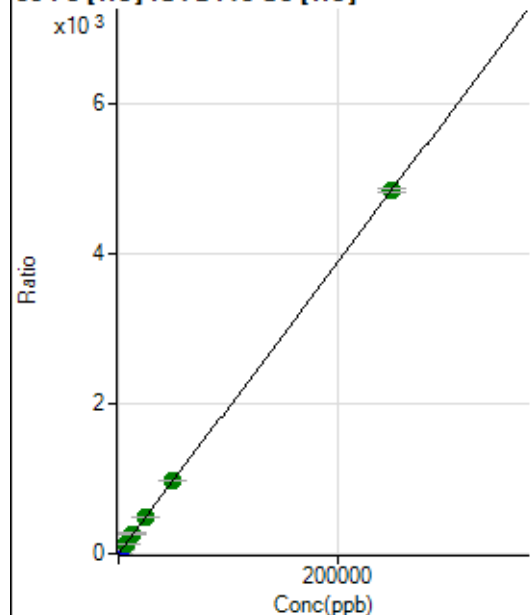
$$R = 0.9998$$

$$DL = 0.1579$$

$$BEC = 0.1018$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1257.50	0.0567	P	4.1
2	☐	5.000					
3	☐	50.000	46.956	21212.90	0.9642	P	0.8
4	☐	2500.000	2597.283	1102964.48	50.2539	P	2.2
5	☐	6250.000	6672.039	2723753.56	129.0059	A	0.1
6	☐	12500.000	13621.375	5305576.51	263.3145	A	11.2
7	☐	25000.000	25333.322	10327905.44	489.6690	A	0.9
8	☐	50000.000	50438.892	20200480.08	974.8796	A	0.2
9	☐	250000.00	249811.29	93850609.50	4,828.112	A	1.1

$$y = 0.0193 * x + 0.0567$$

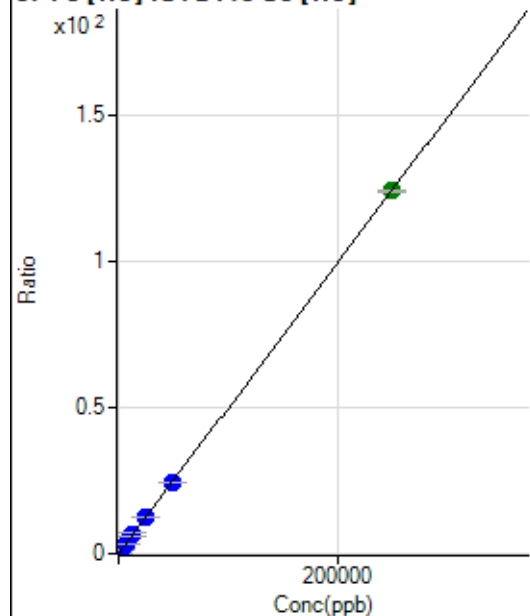
$$R = 1.0000$$

$$DL = 0.3565$$

$$BEC = 2.934$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.93	0.0012	P	62.9
2	☐	5.000					
3	☐	50.000	40.938	472.25	0.0215	P	2.7
4	☐	2500.000	2572.637	28013.90	1.2762	P	1.2
5	☐	6250.000	6370.296	66668.64	3.1585	P	1.3
6	☐	12500.000	13272.806	132550.01	6.5796	P	11.5
7	☐	25000.000	24927.632	260616.61	12.3560	P	0.4
8	☐	50000.000	49291.588	506249.50	24.4315	P	0.5
9	☐	250000.00	250106.54	2409681.42	123.9611	A	0.8

$$y = 4.9563E-004 * x + 0.0012$$

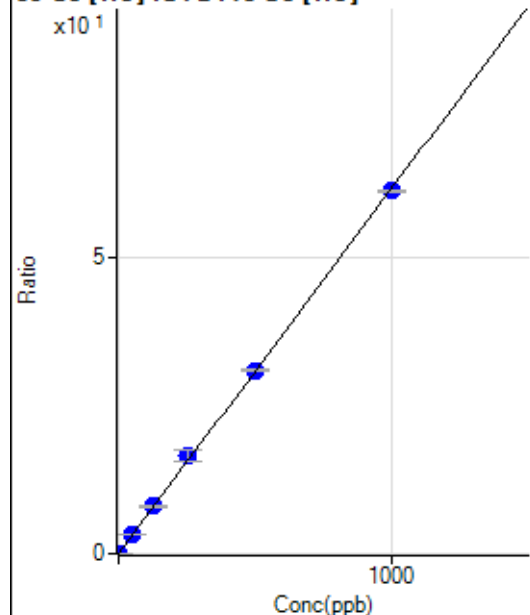
$$R = 1.0000$$

$$DL = 4.47$$

$$BEC = 2.37$$

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	50.00	0.0023	P	27.1
2	☐	0.100					
3	☐	1.000	0.934	1317.86	0.0599	P	6.5
4	☐	50.000	51.673	70061.56	3.1922	P	2.4
5	☐	125.000	129.236	168467.50	7.9803	P	0.7
6	☐	250.000	267.910	333425.29	16.5411	P	10.6
7	☐	500.000	501.905	653540.97	30.9862	P	1.1
8	☐	1000.000	993.957	1271447.60	61.3618	P	0.8
9	☐			1347.87	0.0694	P	5.9

$$y = 0.0617 * x + 0.0023$$

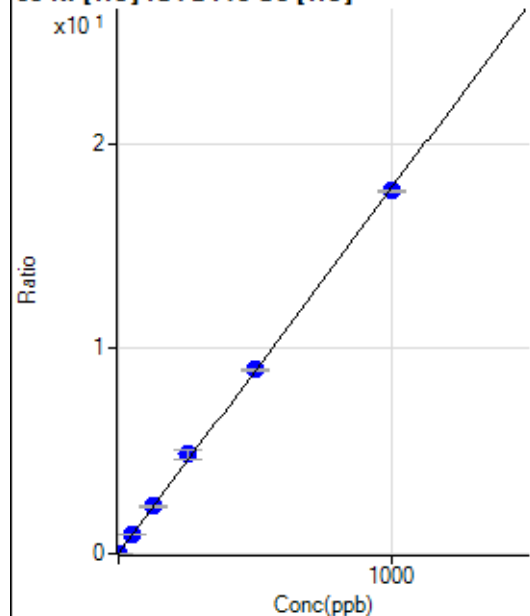
$$R = 0.9998$$

$$DL = 0.02973$$

$$BEC = 0.03656$$

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	0.0123	P	14.5
2	☐	0.100					
3	☐	1.000	1.046	681.14	0.0310	P	7.7
4	☐	50.000	52.672	20858.13	0.9501	P	0.4
5	☐	125.000	128.699	48625.81	2.3037	P	1.2
6	☐	250.000	271.369	97631.19	4.8437	P	10.7
7	☐	500.000	503.207	189221.95	8.9713	P	0.7
8	☐	1000.000	992.458	366378.96	17.6818	P	0.7
9	☐			2322.47	0.1195	P	1.7

$$y = 0.0178 * x + 0.0123$$

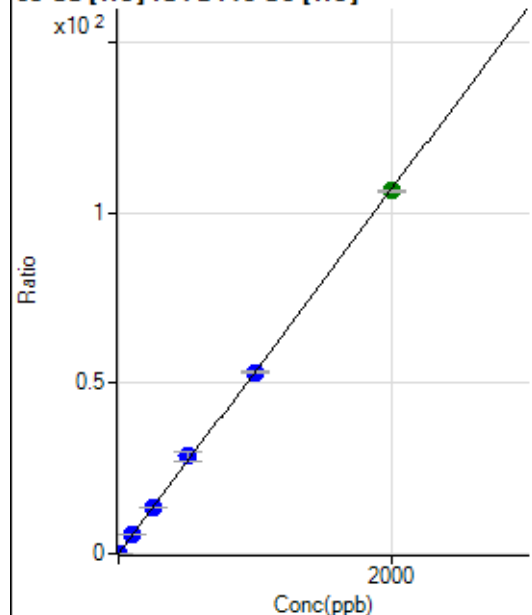
$$R = 0.9997$$

$$DL = 0.3005$$

$$BEC = 0.693$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0058	P	15.8
2	☐	0.200					
3	☐	2.000	1.828	2275.79	0.1035	P	3.1
4	☐	100.000	102.976	120900.96	5.5084	P	1.8
5	☐	250.000	256.074	288993.63	13.6892	P	0.7
6	☐	500.000	534.387	575643.15	28.5610	P	10.8
7	☐	1000.000	997.442	1124300.79	53.3045	P	0.6
8	☐	2000.000	1991.775	2205471.01	106.4372	A	0.2
9	☐			2319.12	0.1193	P	2.8

$$y = 0.0534 * x + 0.0058$$

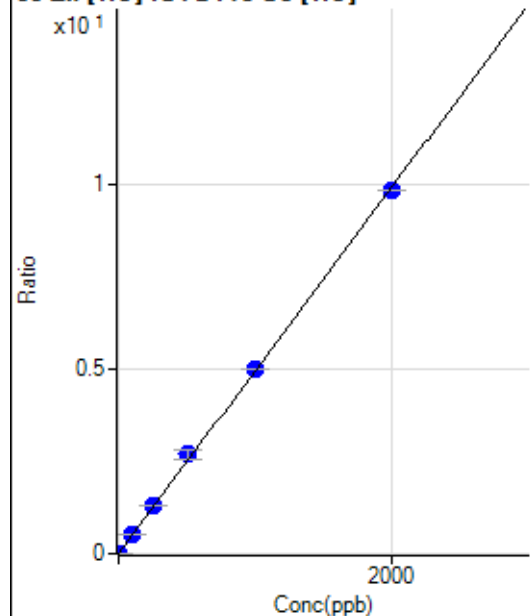
$$R = 0.9998$$

$$DL = 0.05122$$

$$BEC = 0.108$$

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	40.00	0.0018	P	15.5
2	☐	0.200					
3	☐	2.000	1.693	224.45	0.0102	P	9.2
4	☐	100.000	105.749	11556.07	0.5265	P	2.3
5	☐	250.000	260.721	27354.95	1.2955	P	0.5
6	☐	500.000	541.070	54140.95	2.6866	P	11.0
7	☐	1000.000	1010.730	105819.72	5.0171	P	0.6
8	☐	2000.000	1982.740	203897.89	9.8402	P	0.1
9	☐			603.36	0.0310	P	5.1

$$y = 0.0050 * x + 0.0018$$

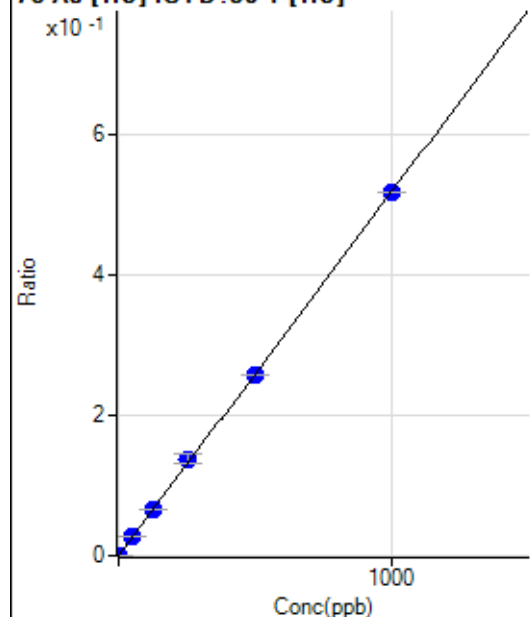
$$R = 0.9997$$

$$DL = 0.169$$

$$BEC = 0.3641$$

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	1.23	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.866	74.07	0.0005	P	12.6
4	☐	50.000	50.413	4212.40	0.0261	P	0.7
5	☐	125.000	126.328	10316.27	0.0654	P	0.5
6	☐	250.000	266.448	20537.57	0.1379	P	10.2
7	☐	500.000	496.258	40263.97	0.2569	P	0.6
8	☐	1000.000	997.573	79651.71	0.5163	P	0.2
9	☐			30.25	0.0002	P	26.3

$$y = 5.1757\text{E-}004 * x + 7.5422\text{E-}006$$

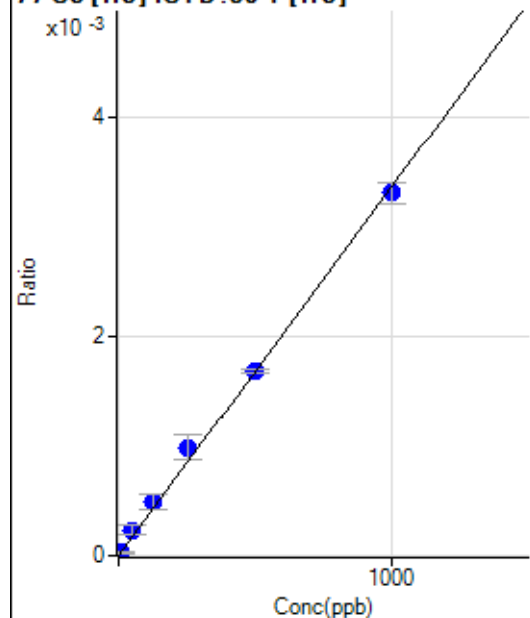
$$R = 0.9998$$

$$DL = 0.03786$$

$$BEC = 0.01457$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	8.126	4.44	0.0000	P	43.5
4	☐	50.000	69.412	37.78	0.0002	P	41.2
5	☐	125.000	145.915	77.78	0.0005	P	31.3
6	☐	250.000	294.591	146.67	0.0010	P	21.7
7	☐	500.000	501.260	264.45	0.0017	P	1.8
8	☐	1000.000	984.622	511.13	0.0033	P	5.6
9	☐			1.11	0.0000	P	173.2

$$y = 3.3651\text{E-}006 * x + 0.0000\text{E+}000$$

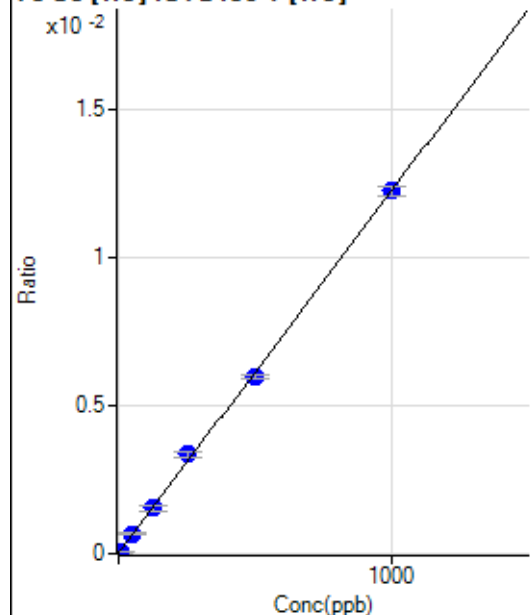
$$R = 0.9988$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	43.9
2	☐	0.500					
3	☐	5.000	4.653	11.73	0.0001	P	32.8
4	☐	50.000	54.022	109.26	0.0007	P	5.4
5	☐	125.000	124.239	242.60	0.0015	P	10.3
6	☐	250.000	272.387	502.48	0.0034	P	5.5
7	☐	500.000	488.752	940.78	0.0060	P	2.3
8	☐	1000.000	999.923	1891.50	0.0123	P	2.9
9	☐			2.47	0.0000	P	86.6

$$y = 1.2247\text{E-}005 * x + 1.5144\text{E-}005$$

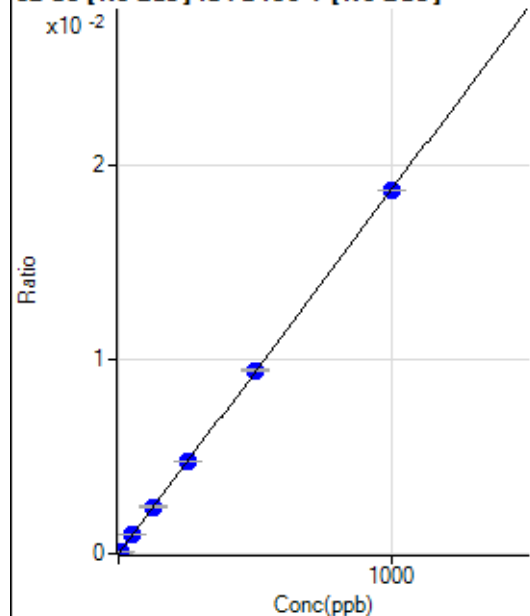
$$R = 0.9996$$

$$DL = 1.628$$

$$BEC = 1.237$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-11.89	0.0000	P	-107.
2	☐	0.500					
3	☐	5.000	4.027	374.17	0.0001	P	11.4
4	☐	50.000	51.805	4893.91	0.0010	P	2.9
5	☐	125.000	128.067	12200.44	0.0024	P	2.2
6	☐	250.000	253.323	24023.74	0.0047	P	0.6
7	☐	500.000	503.661	47823.13	0.0094	P	0.8
8	☐	1000.000	996.870	93850.58	0.0187	P	0.2
9	☐			4.69	0.0000	P	363.6

$$y = 1.8724\text{E-}005 * x - 2.3361\text{E-}006$$

$$R = 1.0000$$

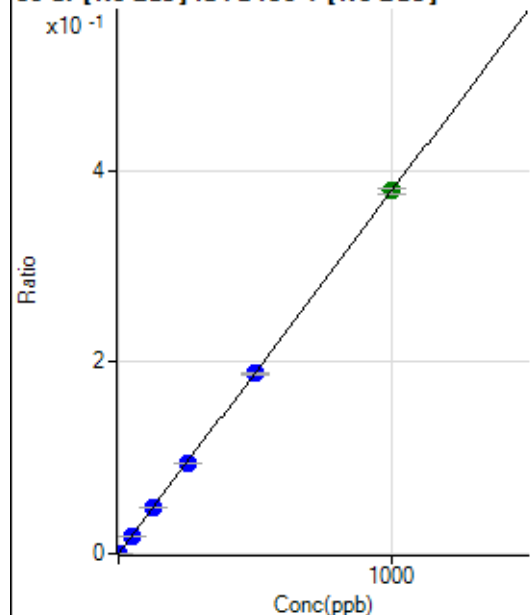
$$DL = 0.4008$$

$$BEC = -0.1248$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	500.03	0.0001	P	9.0
2	☐	0.100					
3	☐	1.000	0.882	2214.18	0.0004	P	2.3
4	☐	50.000	49.819	95757.01	0.0189	P	0.3
5	☐	125.000	125.719	242606.15	0.0476	P	0.5
6	☐	250.000	249.696	478880.69	0.0945	P	0.2
7	☐	500.000	497.556	954673.32	0.1882	P	0.9
8	☐	1000.000	1001.218	1903927.37	0.3786	A	1.5
9	☐			59895.86	0.0125	P	1.0

$$y = 3.7809\text{E-}004 * x + 9.8520\text{E-}005$$

$$R = 1.0000$$

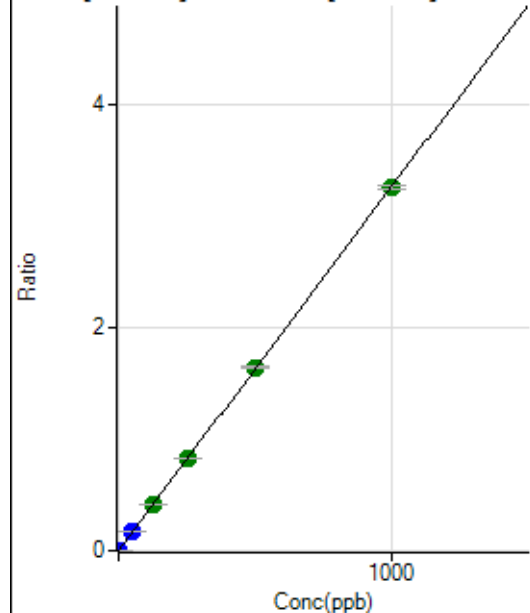
$$DL = 0.07072$$

$$BEC = 0.2606$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.80	0.0001	P	17.1
2	☐	0.100					
3	☐	1.000	0.934	15909.88	0.0031	P	3.2
4	☐	50.000	50.919	839263.22	0.1660	P	0.5
5	☐	125.000	128.260	2128821.86	0.4179	A	0.2
6	☐	250.000	254.201	4196961.64	0.8283	A	0.1
7	☐	500.000	502.921	8311347.23	1.6386	A	0.7
8	☐	1000.000	997.036	16334185.61	3.2484	A	1.2
9	☐			519046.13	0.1081	P	1.4

$$y = 0.0033 * x + 5.9620\text{E-}005$$

$$R = 1.0000$$

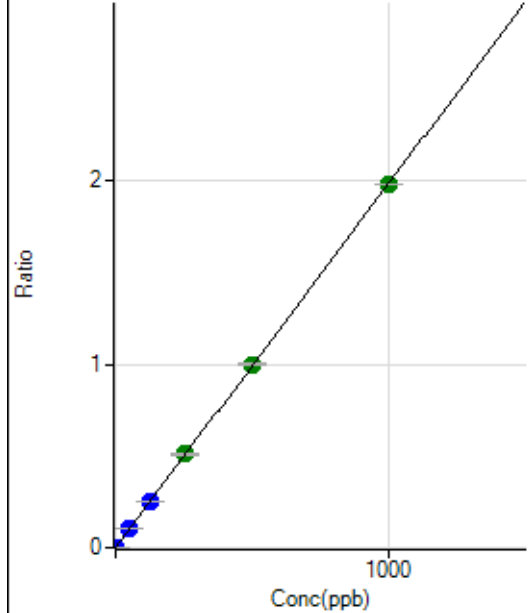
$$DL = 0.009376$$

$$BEC = 0.0183$$

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	344.47	0.0001	P	12.4
2	☐	0.100					
3	☐	1.000	0.900	9489.84	0.0019	P	5.3
4	☐	50.000	51.251	513939.57	0.1016	P	0.5
5	☐	125.000	126.405	1276094.85	0.2505	P	1.0
6	☐	250.000	256.278	2573617.55	0.5079	A	0.6
7	☐	500.000	502.402	5049962.18	0.9956	A	1.2
8	☐	1000.000	996.991	9934799.62	1.9757	A	0.1
9	☐			1789.10	0.0004	P	12.9

$$y = 0.0020 * x + 6.7885E-005$$

$$R = 1.0000$$

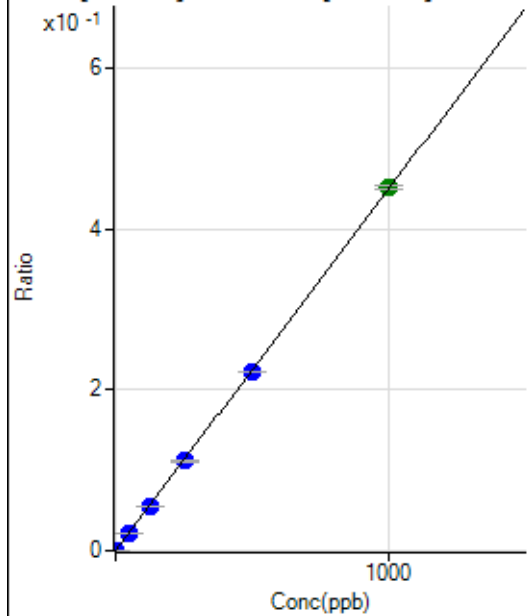
$$DL = 0.01275$$

$$BEC = 0.03426$$

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	66.67	0.0000	P	65.8
2	☐	0.100					
3	☐	1.000	0.912	2166.94	0.0004	P	7.5
4	☐	50.000	49.877	113327.48	0.0224	P	0.5
5	☐	125.000	123.817	283218.89	0.0556	P	1.5
6	☐	250.000	248.057	564462.52	0.1114	P	0.7
7	☐	500.000	494.374	1126047.52	0.2220	P	0.6
8	☐	1000.000	1003.453	2265722.69	0.4506	A	0.9
9	☐			427.80	0.0001	P	28.1

$$y = 4.4902E-004 * x + 1.3111E-005$$

$$R = 1.0000$$

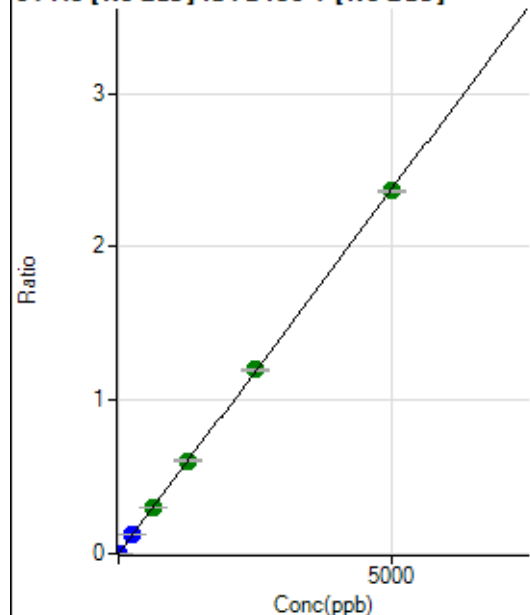
$$DL = 0.05765$$

$$BEC = 0.0292$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	41.5
2	☐	0.500					
3	☐	5.000	4.659	11449.77	0.0022	P	0.9
4	☐	250.000	254.437	611048.27	0.1208	P	0.5
5	☐	625.000	638.870	1544979.78	0.3034	A	1.5
6	☐	1250.000	1273.954	3064997.66	0.6049	A	1.3
7	☐	2500.000	2522.484	6074849.00	1.1977	A	1.0
8	☐	5000.000	4980.814	11891650.27	2.3649	A	0.7
9	☐			4481.49	0.0009	P	4.5

$$y = 4.7479\text{E-}004 * x + 2.1908\text{E-}005$$

$$R = 1.0000$$

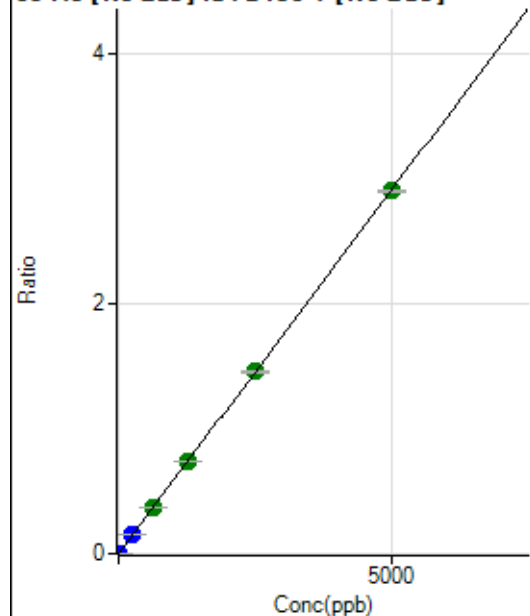
$$DL = 0.05741$$

$$BEC = 0.04614$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	43.8
2	☐	0.500					
3	☐	5.000	4.463	13337.69	0.0026	P	2.8
4	☐	250.000	253.476	746179.49	0.1475	P	0.4
5	☐	625.000	640.390	1898705.16	0.3728	A	0.9
6	☐	1250.000	1272.339	3752751.91	0.7406	A	0.6
7	☐	2500.000	2503.534	7391421.43	1.4572	A	0.9
8	☐	5000.000	4990.551	14606921.68	2.9049	A	0.8
9	☐			7655.29	0.0016	P	2.8

$$y = 5.8207\text{E-}004 * x + 4.3838\text{E-}006$$

$$R = 1.0000$$

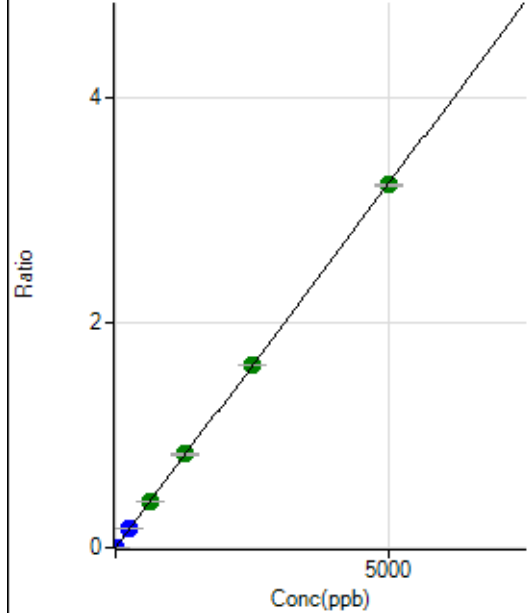
$$DL = 0.009895$$

$$BEC = 0.007531$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	49.3
2	☐	0.500					
3	☐	5.000	4.369	14547.32	0.0028	P	2.2
4	☐	250.000	253.034	827970.78	0.1637	P	0.8
5	☐	625.000	642.853	2118372.25	0.4159	A	0.9
6	☐	1250.000	1284.157	4209933.95	0.8308	A	0.6
7	☐	2500.000	2509.885	8236498.62	1.6238	A	1.0
8	☐	5000.000	4984.136	16214676.23	3.2246	A	0.7
9	☐			9033.96	0.0019	P	1.4

$$y = 6.4697\text{E-}004 * x + 1.1487\text{E-}005$$

$$R = 1.0000$$

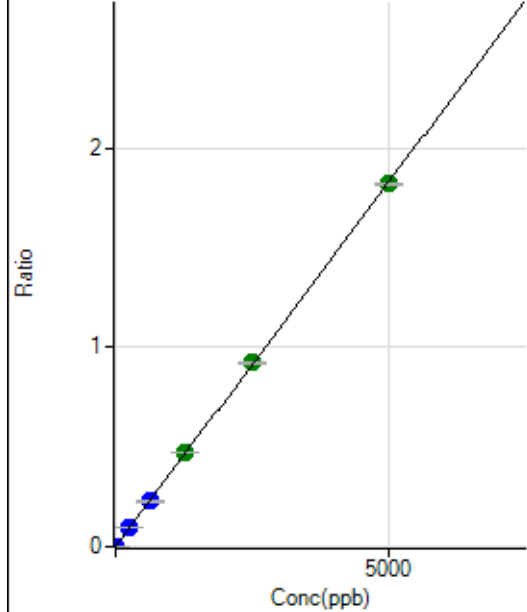
$$DL = 0.02628$$

$$BEC = 0.01776$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.4
2	☐	0.500					
3	☐	5.000	4.372	8213.92	0.0016	P	2.7
4	☐	250.000	252.707	467582.47	0.0925	P	1.0
5	☐	625.000	622.574	1160048.51	0.2278	P	1.5
6	☐	1250.000	1285.889	2383880.82	0.4705	A	0.6
7	☐	2500.000	2521.793	4679865.51	0.9226	A	0.4
8	☐	5000.000	4980.300	9162249.94	1.8221	A	0.7
9	☐			4378.70	0.0009	P	2.5

$$y = 3.6586\text{E-}004 * x + 3.2883\text{E-}006$$

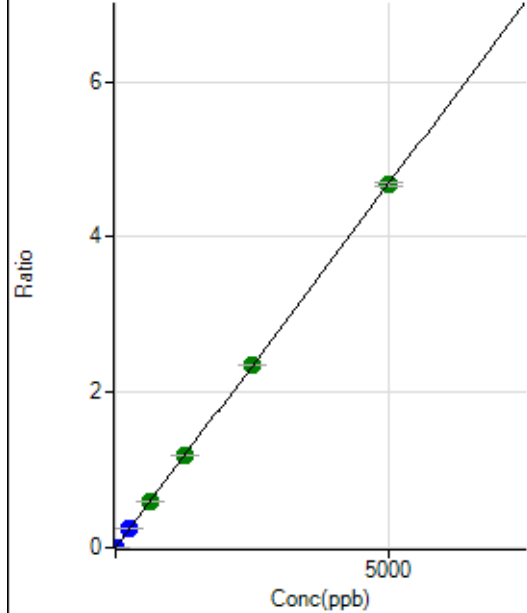
$$R = 1.0000$$

$$DL = 0.0136$$

$$BEC = 0.008988$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.5
2	☐	0.500					
3	☐	5.000	4.471	21476.11	0.0042	P	1.3
4	☐	250.000	254.513	1204689.08	0.2382	P	0.4
5	☐	625.000	637.714	3039631.64	0.5969	A	1.9
6	☐	1250.000	1267.011	6008775.05	1.1858	A	0.7
7	☐	2500.000	2512.082	11925394.80	2.3511	A	0.6
8	☐	5000.000	4987.892	23473528.65	4.6683	A	1.2
9	☐			10707.41	0.0022	P	4.3

$$y = 9.3592\text{E-}004 * x + 6.0194\text{E-}006$$

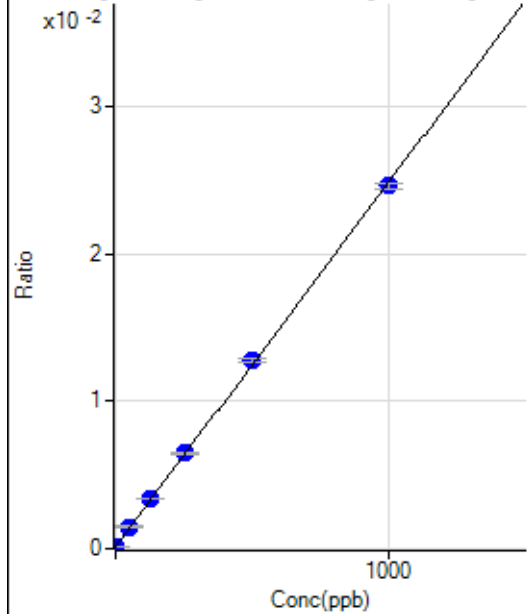
$$R = 1.0000$$

$$DL = 0.008016$$

$$BEC = 0.006432$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	769.50	0.0001	P	7.2
2	☐	0.100					
3	☐	1.000	2.131	1097.32	0.0002	P	9.1
4	☐	50.000	55.379	9395.31	0.0015	P	3.2
5	☐	125.000	131.183	21412.18	0.0034	P	1.8
6	☐	250.000	257.289	41375.78	0.0065	P	1.0
7	☐	500.000	512.510	82152.81	0.0128	P	2.7
8	☐	1000.000	990.880	158018.90	0.0246	P	1.4
9	☐			825.07	0.0001	P	12.2

$$y = 2.4734\text{E-}005 * x + 1.2149\text{E-}004$$

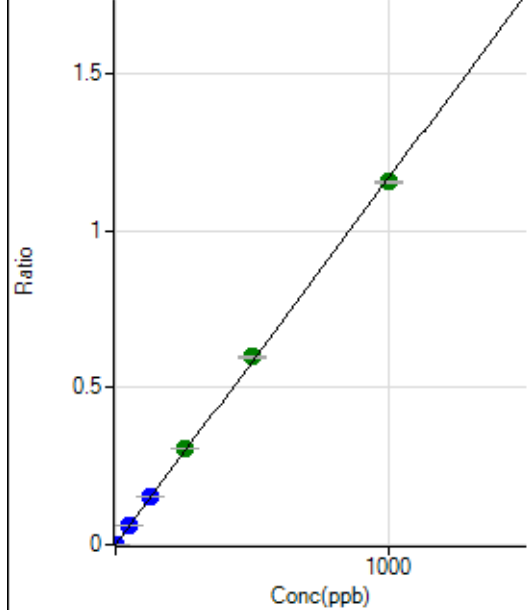
$$R = 0.9999$$

$$DL = 1.058$$

$$BEC = 4.912$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	49.4
2	☐	0.100					
3	☐	1.000	0.937	6968.78	0.0011	P	2.2
4	☐	50.000	52.784	387889.30	0.0616	P	1.2
5	☐	125.000	130.087	965019.11	0.1517	P	1.4
6	☐	250.000	262.000	1949327.80	0.3055	A	1.4
7	☐	500.000	511.892	3832187.54	0.5969	A	0.8
8	☐	1000.000	990.279	7408818.83	1.1548	A	0.6
9	☐			533.37	0.0001	P	5.9

$$y = 0.0012 * x + 1.1872E-005$$

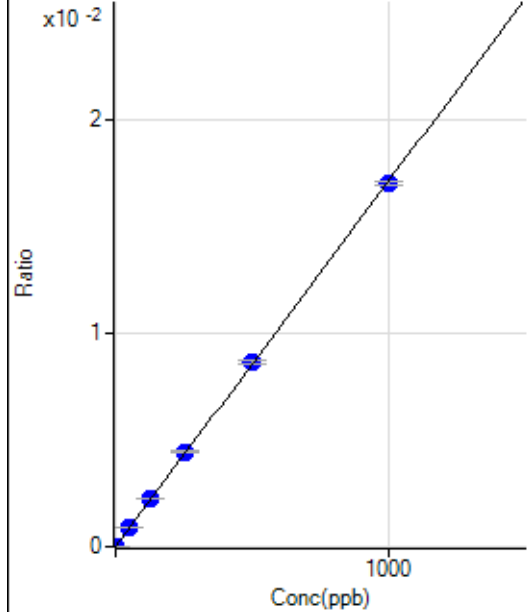
$$R = 0.9998$$

$$DL = 0.01509$$

$$BEC = 0.01018$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.17	0.0000	P	173.2
2	☐	0.100					
3	☐	1.000	0.698	79.17	0.0000	P	21.8
4	☐	50.000	53.591	5773.59	0.0009	P	1.9
5	☐	125.000	131.237	14267.53	0.0022	P	1.1
6	☐	250.000	260.265	28373.19	0.0044	P	0.3
7	☐	500.000	507.351	55649.30	0.0087	P	2.1
8	☐	1000.000	992.799	108822.40	0.0170	P	0.9
9	☐			25.00	0.0000	P	17.0

$$y = 1.7084E-005 * x + 6.5197E-007$$

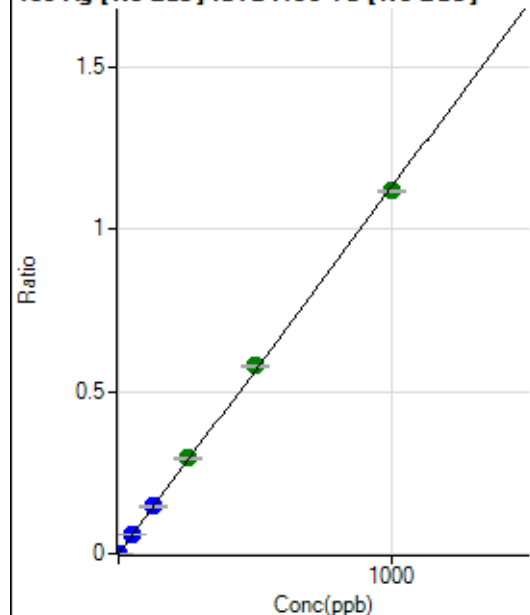
$$R = 0.9999$$

$$DL = 0.1983$$

$$BEC = 0.03816$$

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	41.67	0.0000	P	19.6
2	☐	0.100					
3	☐	1.000	0.910	6521.28	0.0010	P	4.7
4	☐	50.000	51.960	369862.89	0.0587	P	1.0
5	☐	125.000	128.847	925865.17	0.1455	P	1.4
6	☐	250.000	260.885	1880174.87	0.2947	A	1.0
7	☐	500.000	513.544	3723979.16	0.5801	A	1.1
8	☐	1000.000	989.928	7174215.87	1.1182	A	0.7
9	☐			480.59	0.0001	P	12.2

$$y = 0.0011 * x + 6.5715E-006$$

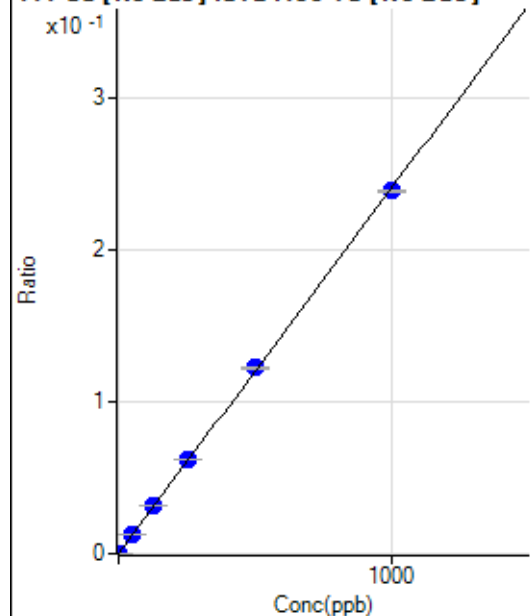
$$R = 0.9998$$

$$DL = 0.003413$$

$$BEC = 0.005818$$

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	545.46	0.0001	P	8.1
2	☐	0.100					
3	☐	1.000	1.060	2147.54	0.0003	P	3.6
4	☐	50.000	52.986	80750.95	0.0128	P	1.4
5	☐	125.000	130.052	199310.90	0.0313	P	1.2
6	☐	250.000	257.903	395879.60	0.0620	P	0.9
7	☐	500.000	508.689	785114.80	0.1223	P	1.6
8	☐	1000.000	992.899	1531068.11	0.2386	P	0.6
9	☐			758.67	0.0001	P	10.3

$$y = 2.4026E-004 * x + 8.6130E-005$$

$$R = 0.9999$$

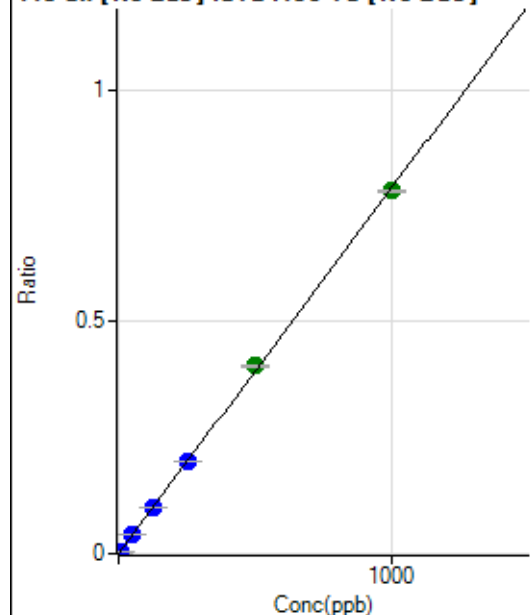
$$DL = 0.08741$$

$$BEC = 0.3585$$

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	647.27	0.0001	P	4.8
2	☐	0.500					
3	☐	5.000	4.508	23048.48	0.0037	P	2.5
4	☐	50.000	51.279	255395.81	0.0405	P	0.6
5	☐	125.000	126.991	637578.31	0.1002	P	1.2
6	☐	250.000	252.399	1270332.08	0.1991	P	0.5
7	☐	500.000	513.281	2598704.25	0.4048	A	0.6
8	☐	1000.000	992.449	5021043.86	0.7826	A	0.5
9	☐			5154.02	0.0008	P	1.1

$$y = 7.8845E-004 * x + 1.0218E-004$$

$$R = 0.9999$$

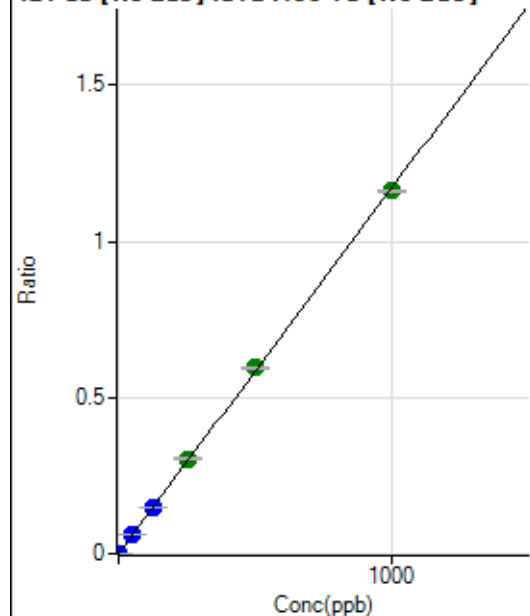
$$DL = 0.01873$$

$$BEC = 0.1296$$

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	83.34	0.0000	P	52.8
2	☐	0.200					
3	☐	2.000	1.812	13449.00	0.0021	P	2.3
4	☐	50.000	51.495	379772.53	0.0603	P	0.7
5	☐	125.000	127.047	945897.56	0.1487	P	0.3
6	☐	250.000	260.198	1942758.22	0.3045	A	0.9
7	☐	500.000	508.157	3817444.88	0.5947	A	1.4
8	☐	1000.000	993.042	7455756.68	1.1621	A	0.8
9	☐			7638.64	0.0012	P	2.4

$$y = 0.0012 * x + 1.3140E-005$$

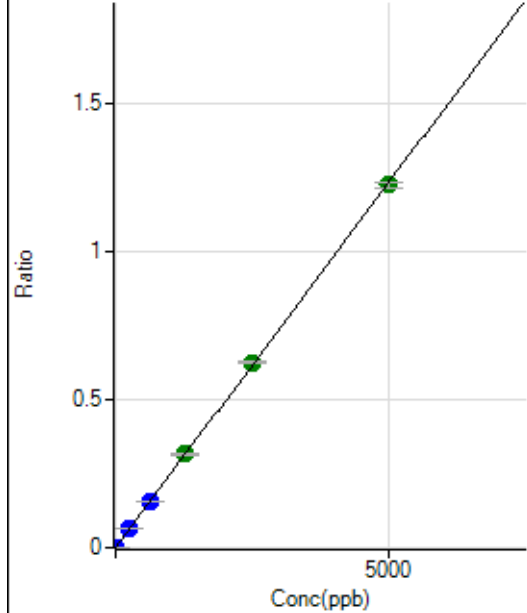
$$R = 0.9999$$

$$DL = 0.01777$$

$$BEC = 0.01123$$

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	25.00	0.0000	P	66.6
2	☐	1.000					
3	☐	10.000	9.029	14060.84	0.0022	P	4.5
4	☐	250.000	254.908	396210.00	0.0629	P	0.7
5	☐	625.000	635.148	996669.98	0.1567	P	0.9
6	☐	1250.000	1285.632	2023269.45	0.3171	A	1.2
7	☐	2500.000	2535.551	4015044.58	0.6254	A	1.2
8	☐	5000.000	4971.804	7868240.80	1.2264	A	1.3
9	☐			1889.12	0.0003	P	7.2

$$y = 2.4667\text{E-}004 * x + 3.9360\text{E-}006$$

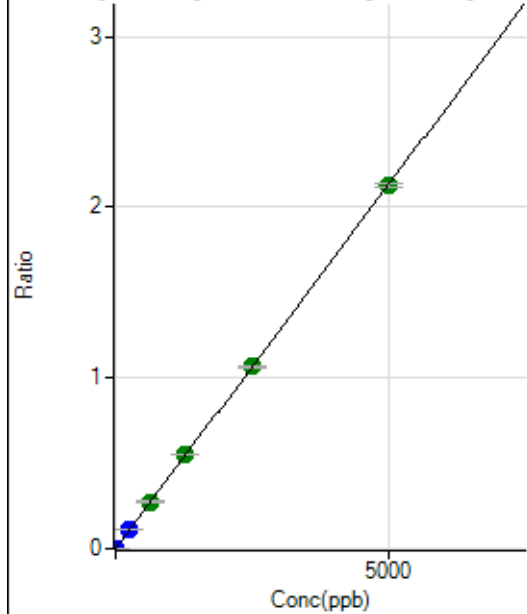
$$R = 0.9999$$

$$DL = 0.03187$$

$$BEC = 0.01596$$

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	66.67	0.0000	P	66.4
2	☐	1.000					
3	☐	10.000	9.105	24548.72	0.0039	P	1.9
4	☐	250.000	256.509	689455.21	0.1094	P	0.7
5	☐	625.000	644.801	1749667.75	0.2750	A	0.9
6	☐	1250.000	1289.288	3508726.90	0.5499	A	0.6
7	☐	2500.000	2507.344	6865780.80	1.0695	A	0.9
8	☐	5000.000	4983.707	13638651.70	2.1258	A	0.9
9	☐			3358.92	0.0005	P	11.6

$$y = 4.2654\text{E-}004 * x + 1.0536\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04924$$

$$BEC = 0.0247$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐						
3	☐			15.56		P	107.9
4	☐			24.44		P	41.7
5	☐			46.67		P	14.3
6	☐			88.89		P	18.9
7	☐			160.01		P	43.3
8	☐			315.57		P	6.1
9	☐			80.00		P	22.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			3.33		P	0.0
7	☐			6.67		P	50.0
8	☐			6.67		P	50.0
9	☐			14.44		P	70.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	86.6
2	☐						
3	☐			5.56		P	173.2
4	☐			5.55		P	86.6
5	☐			27.78		P	62.5
6	☐			30.56		P	83.3
7	☐			50.00		P	28.9
8	☐			102.78		P	20.4
9	☐			69.45		P	13.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			2.22		P	173.2
6	☐			1.11		P	173.2
7	☐			5.56		P	34.7
8	☐			2.22		P	86.6
9	☐			5.56		P	91.6

160 Gd [No Gas] Noavailable calibration poin_

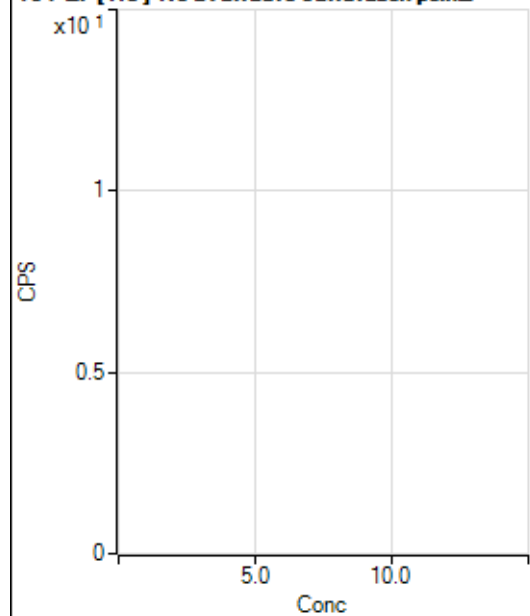
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	28.7
2	☐						
3	☐			38.89		P	32.7
4	☐			44.44		P	21.7
5	☐			30.56		P	31.5
6	☐			50.00		P	16.7
7	☐			27.78		P	69.3
8	☐			69.45		P	38.6
9	☐			72.22		P	35.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			1.11		P	173.2
4	☐			5.56		P	34.7
5	☐			3.33		P	173.2
6	☐			8.89		P	57.3
7	☐			5.56		P	34.7
8	☐			8.89		P	43.3
9	☐			10.00		P	33.3

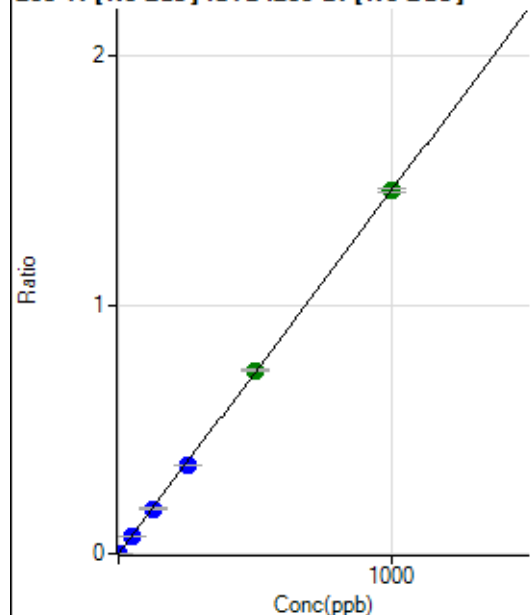
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	107.9
2	☐						
3	☐			25.00		P	88.2
4	☐			30.55		P	68.6
5	☐			50.00		P	0.0
6	☐			36.11		P	58.1
7	☐			27.78		P	75.5
8	☐			36.11		P	53.3
9	☐			38.89		P	12.4

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	100.1
4	☐			2.22		P	86.6
5	☐			7.78		P	49.5
6	☐			4.45		P	86.6
7	☐			3.33		P	0.0
8	☐			7.78		P	107.8
9	☐			7.78		P	65.5

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	14.3
2	☐	0.100					
3	☐	1.000	0.914	5740.49	0.0014	P	6.7
4	☐	50.000	49.413	300657.11	0.0722	P	0.5
5	☐	125.000	124.093	762380.14	0.1812	P	1.9
6	☐	250.000	243.816	1522253.69	0.3560	P	1.2
7	☐	500.000	505.220	3118659.31	0.7377	A	0.9
8	☐	1000.000	999.079	6044595.36	1.4588	A	1.1
9	☐			2742.09	0.0007	P	8.0

$$y = 0.0015 * x + 3.0950E-005$$

$$R = 1.0000$$

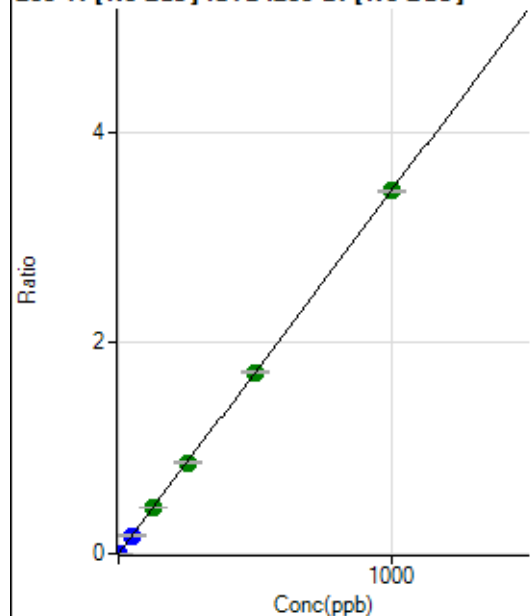
$$DL = 0.009117$$

$$BEC = 0.0212$$

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	205.57	0.0000	P	19.6
2	☐	0.100					
3	☐	1.000	0.905	13321.37	0.0032	P	2.0
4	☐	50.000	50.318	722553.85	0.1735	P	0.2
5	☐	125.000	127.052	1842381.86	0.4379	A	1.6
6	☐	250.000	250.629	3693430.25	0.8639	A	1.3
7	☐	500.000	499.652	7280251.12	1.7221	A	0.6
8	☐	1000.000	999.745	14277749.45	3.4457	A	0.4
9	☐			6413.06	0.0016	P	3.8

$$y = 0.0034 * x + 4.9720E-005$$

$$R = 1.0000$$

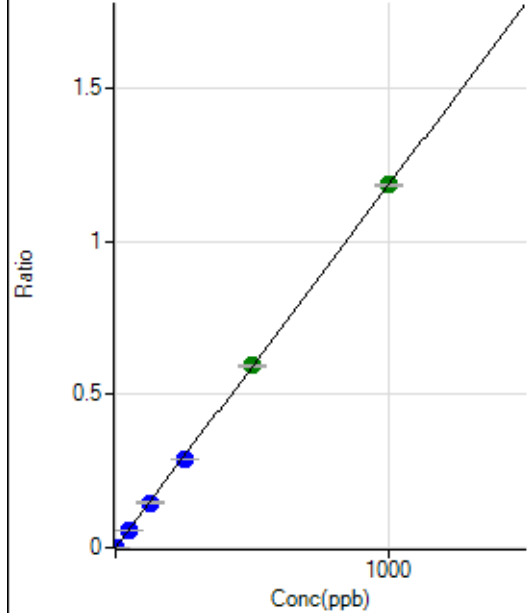
$$DL = 0.008482$$

$$BEC = 0.01443$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	231.49	0.0001	P	20.1
2	☐	0.100					
3	☐	1.000	0.912	4775.11	0.0011	P	2.9
4	☐	50.000	49.805	245812.72	0.0590	P	0.7
5	☐	125.000	123.877	617179.07	0.1467	P	1.5
6	☐	250.000	243.947	1234994.08	0.2888	P	0.7
7	☐	500.000	501.598	2510509.81	0.5939	A	0.7
8	☐	1000.000	1000.865	4909760.06	1.1849	A	0.5
9	☐			8149.13	0.0021	P	0.6

$$y = 0.0012 * x + 5.5999E-005$$

$$R = 1.0000$$

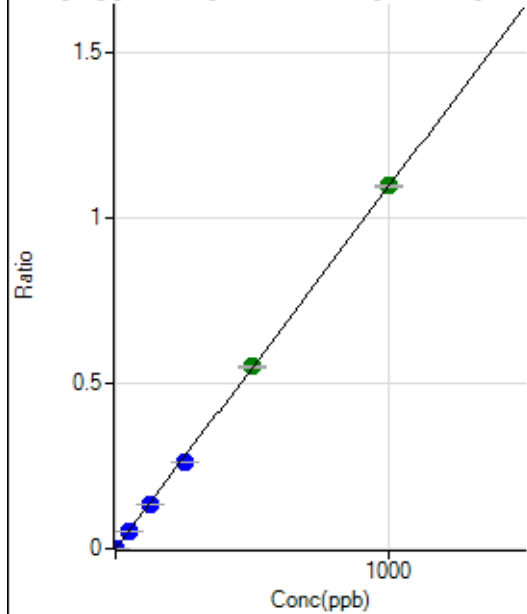
$$DL = 0.02848$$

$$BEC = 0.0473$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	224.09	0.0001	P	20.8
2	☐	0.100					
3	☐	1.000	0.834	4060.05	0.0010	P	5.1
4	☐	50.000	48.523	221192.47	0.0531	P	1.1
5	☐	125.000	121.292	558155.94	0.1327	P	1.0
6	☐	250.000	239.958	1121959.66	0.2624	P	0.6
7	☐	500.000	501.981	2320355.75	0.5489	A	1.0
8	☐	1000.000	1002.058	4539935.11	1.0956	A	0.4
9	☐			7226.38	0.0018	P	2.5

$$y = 0.0011 * x + 5.4291E-005$$

$$R = 0.9999$$

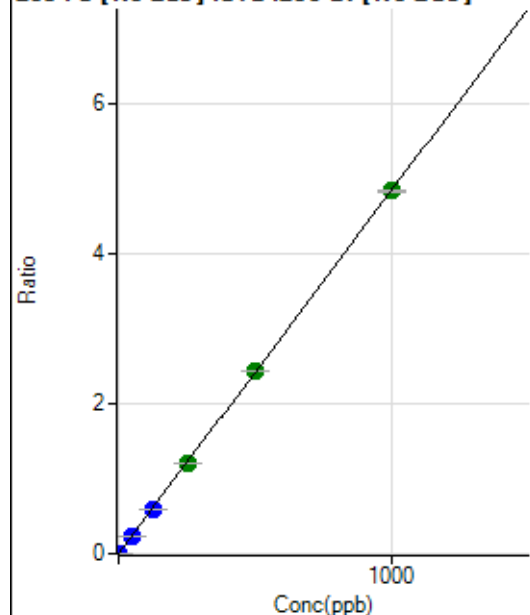
$$DL = 0.03105$$

$$BEC = 0.04966$$

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	968.57	0.0002	P	3.1
2	☐	0.100					
3	☐	1.000	0.882	18971.00	0.0045	P	2.3
4	☐	50.000	49.508	1001053.95	0.2403	P	0.6
5	☐	125.000	123.222	2515109.32	0.5978	P	1.2
6	☐	250.000	248.924	5162577.50	1.2075	A	1.0
7	☐	500.000	503.380	10321391.67	2.4415	A	0.8
8	☐	1000.000	998.826	20073385.58	4.8443	A	0.2
9	☐			32773.03	0.0084	P	0.8

$$y = 0.0048 * x + 2.3441E-004$$

$$R = 1.0000$$

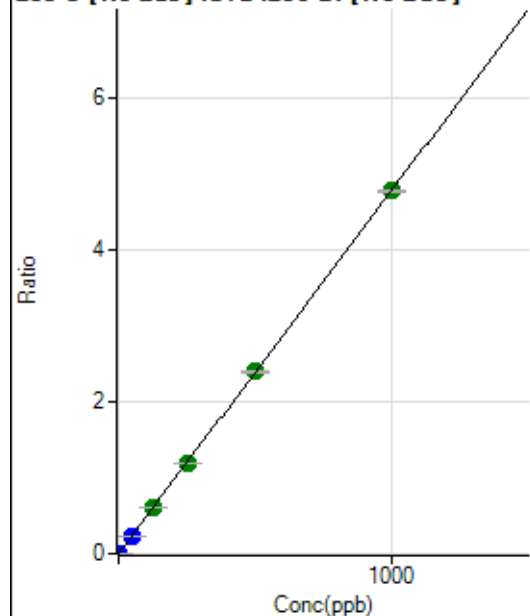
$$DL = 0.004531$$

$$BEC = 0.04834$$

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	41.67	0.0000	P	59.3
2	☐	0.100					
3	☐	1.000	0.866	17460.24	0.0042	P	2.5
4	☐	50.000	49.066	978042.09	0.2348	P	0.2
5	☐	125.000	125.627	2529261.67	0.6012	A	1.0
6	☐	250.000	249.169	5098171.95	1.1924	A	0.7
7	☐	500.000	501.431	10144223.93	2.3995	A	0.4
8	☐	1000.000	999.461	19818260.16	4.7828	A	0.4
9	☐			1164.01	0.0003	P	5.6

$$y = 0.0048 * x + 1.0054E-005$$

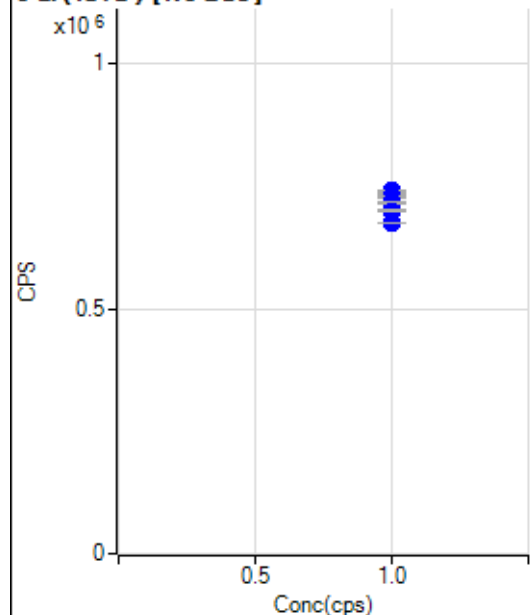
$$R = 1.0000$$

$$DL = 0.003739$$

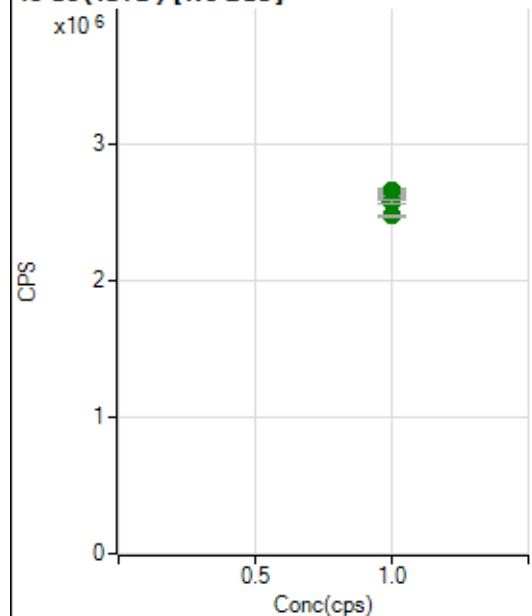
$$BEC = 0.002101$$

Weight: <None>

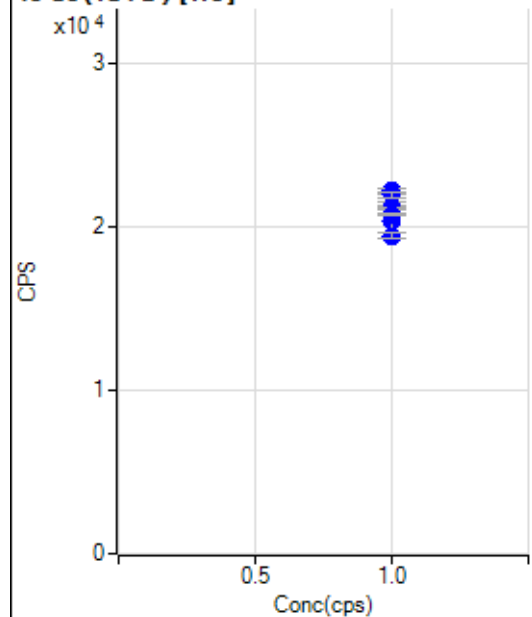
Min Conc: 0

6 Li (ISTD) [No Gas]

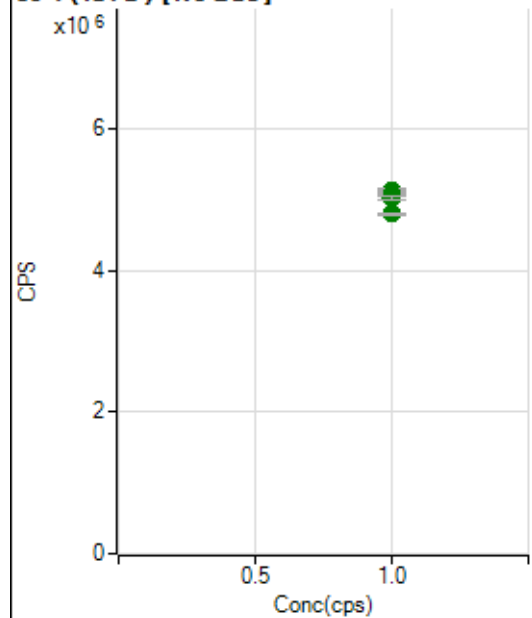
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		729062.15		P	0.7
2	☐	1.000					
3	☐	1.000		737534.40		P	0.2
4	☐	1.000		739927.26		P	0.2
5	☐	1.000		738440.44		P	0.8
6	☐	1.000		728078.91		P	0.2
7	☐	1.000		717158.03		P	0.6
8	☐	1.000		699516.35		P	0.5
9	☐	1.000		675226.48		P	0.4

45 Sc (ISTD) [No Gas]

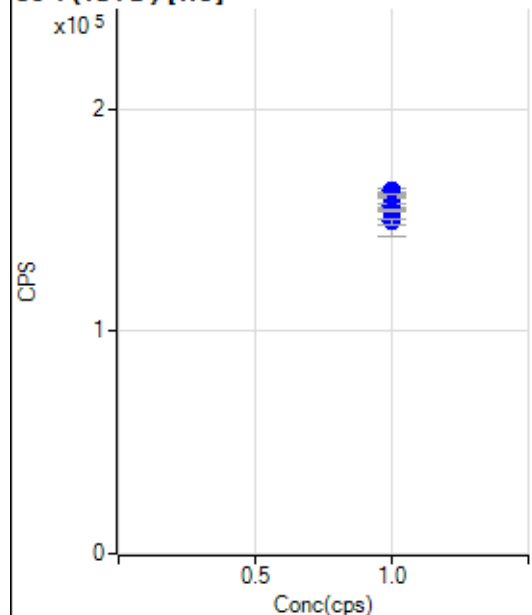
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2651642.75		A	0.3
2	☐	1.000					
3	☐	1.000		2658837.65		A	1.9
4	☐	1.000		2642450.60		A	1.1
5	☐	1.000		2651370.00		A	0.1
6	☐	1.000		2632369.76		A	0.7
7	☐	1.000		2611494.83		A	0.4
8	☐	1.000		2575397.13		A	0.8
9	☐	1.000		2474986.04		A	0.7

45 Sc (ISTD) [He]

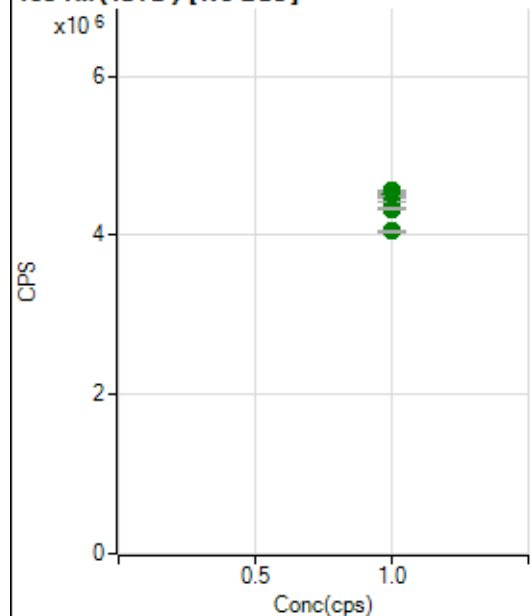
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22166.56		P	1.6
2	☐	1.000					
3	☐	1.000		21999.61		P	0.6
4	☐	1.000		21952.94		P	1.7
5	☐	1.000		21113.95		P	3.7
6	☐	1.000		20299.54		P	9.9
7	☐	1.000		21092.68		P	0.9
8	☐	1.000		20721.04		P	0.5
9	☐	1.000		19440.35		P	1.3

89 Y (ISTD) [No Gas]

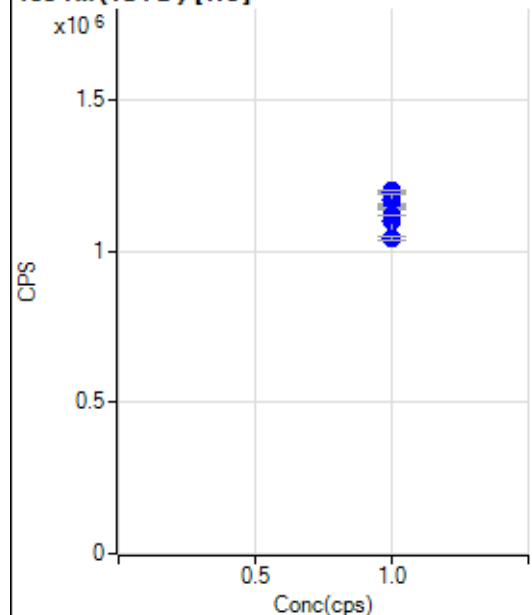
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5076155.55		A	0.5
2	☐	1.000					
3	☐	1.000		5125763.15		A	1.2
4	☐	1.000		5057224.93		A	0.4
5	☐	1.000		5093657.81		A	1.4
6	☐	1.000		5067232.39		A	0.4
7	☐	1.000		5072386.52		A	0.7
8	☐	1.000		5028594.27		A	0.7
9	☐	1.000		4800197.32		A	0.9

89 Y (ISTD) [He]

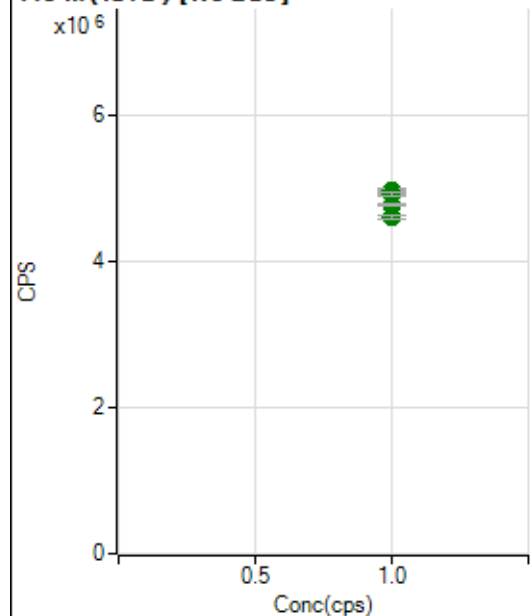
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		163130.42		P	0.9
2	☐	1.000					
3	☐	1.000		162541.60		P	0.1
4	☐	1.000		161401.36		P	0.7
5	☐	1.000		157747.76		P	3.3
6	☐	1.000		149913.54		P	9.8
7	☐	1.000		156761.38		P	1.0
8	☐	1.000		154268.10		P	0.2
9	☐	1.000		149183.99		P	1.8

103 Rh (ISTD) [No Gas]

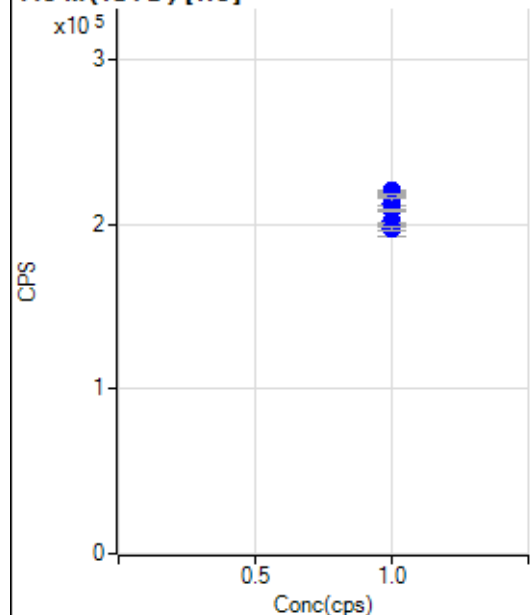
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4543366.16		A	1.0
2	☐	1.000					
3	☐	1.000		4556301.06		A	0.4
4	☐	1.000		4541838.43		A	1.2
5	☐	1.000		4504275.84		A	1.5
6	☐	1.000		4496352.92		A	0.3
7	☐	1.000		4421307.91		A	0.4
8	☐	1.000		4327957.08		A	0.7
9	☐	1.000		4045804.08		A	0.3

103 Rh (ISTD) [He]

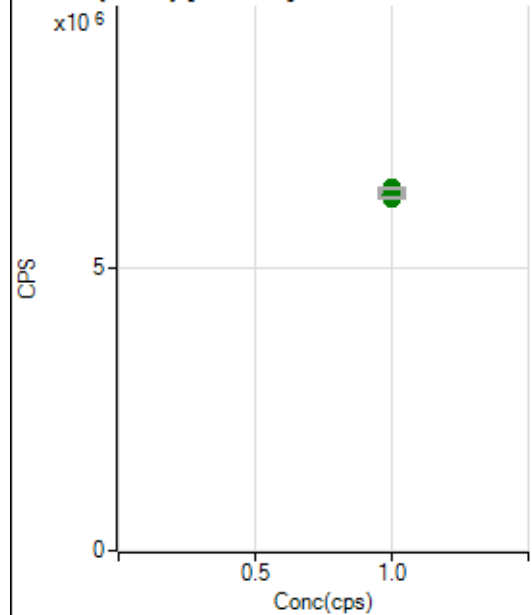
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1199926.22		P	0.2
2	☐	1.000					
3	☐	1.000		1197710.64		P	0.2
4	☐	1.000		1194091.92		P	0.8
5	☐	1.000		1168498.10		P	3.3
6	☐	1.000		1103366.56		P	9.5
7	☐	1.000		1141930.16		P	0.5
8	☐	1.000		1118649.95		P	0.4
9	☐	1.000		1043067.60		P	1.7

115 In (ISTD) [No Gas]

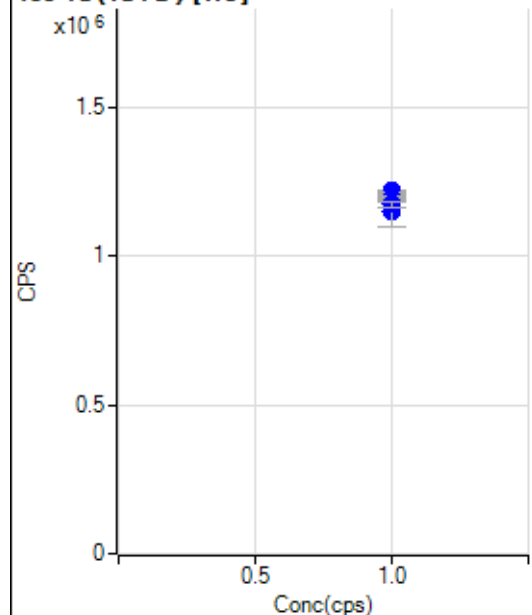
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4963660.03		A	0.9
2	☐	1.000					
3	☐	1.000		4935027.32		A	0.5
4	☐	1.000		4961335.11		A	1.1
5	☐	1.000		4964074.21		A	1.1
6	☐	1.000		4930991.10		A	0.5
7	☐	1.000		4913020.37		A	1.0
8	☐	1.000		4764224.30		A	0.5
9	☐	1.000		4605453.41		A	1.0

115 In (ISTD) [He]

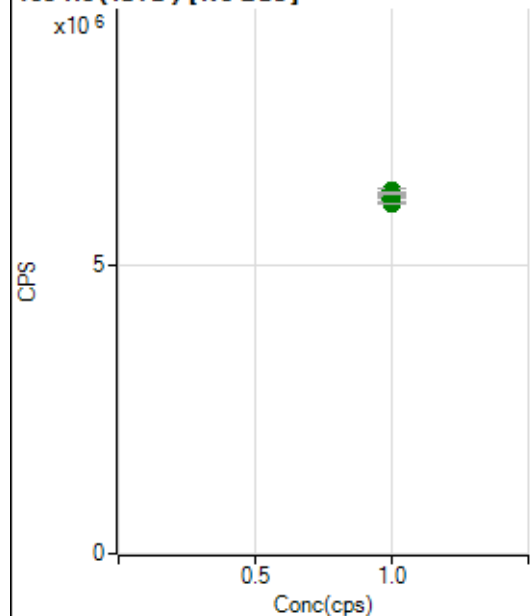
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		219605.01		P	0.7
2	☐	1.000					
3	☐	1.000		220465.50		P	0.3
4	☐	1.000		218112.66		P	0.6
5	☐	1.000		212373.23		P	3.1
6	☐	1.000		202285.27		P	9.6
7	☐	1.000		208833.16		P	0.4
8	☐	1.000		200578.93		P	0.2
9	☐	1.000		197515.86		P	1.0

159 Tb (ISTD) [No Gas]

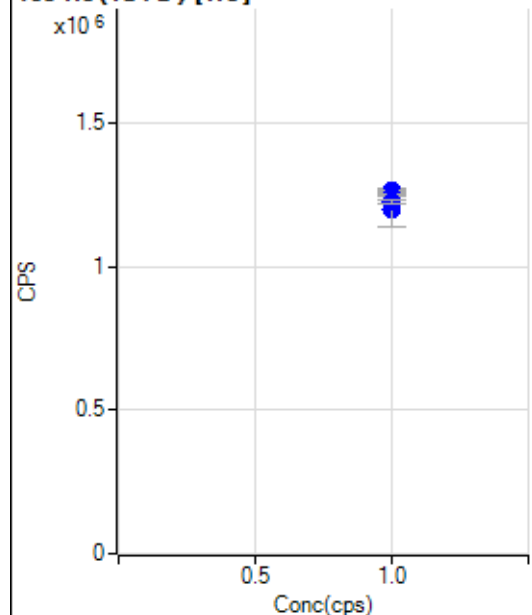
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6336107.82		A	0.9
2	☐	1.000					
3	☐	1.000		6305004.21		A	1.7
4	☐	1.000		6301097.96		A	0.8
5	☐	1.000		6361848.03		A	1.1
6	☐	1.000		6380273.17		A	0.5
7	☐	1.000		6419941.29		A	0.8
8	☐	1.000		6415898.72		A	0.1
9	☐	1.000		6236345.12		A	0.5

159 Tb (ISTD) [He]

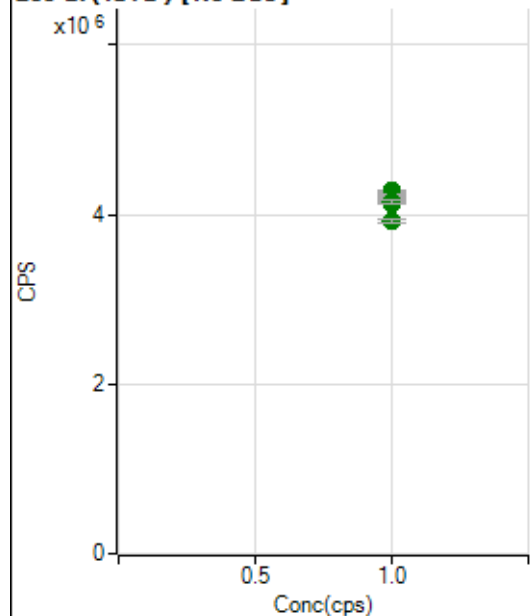
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1208041.77		P	0.8
2	☐	1.000					
3	☐	1.000		1207781.62		P	0.4
4	☐	1.000		1218550.10		P	0.7
5	☐	1.000		1204599.28		P	3.0
6	☐	1.000		1152743.87		P	9.8
7	☐	1.000		1211276.47		P	0.5
8	☐	1.000		1197321.33		P	0.1
9	☐	1.000		1172942.01		P	1.4

165 Ho (ISTD) [No Gas]

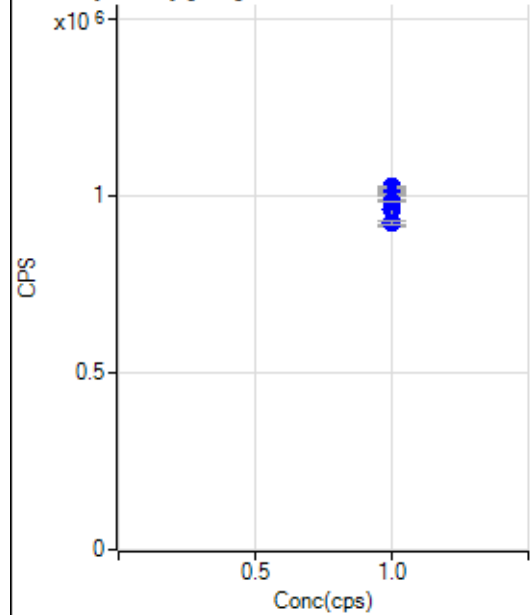
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6194050.70		A	0.3
2	☐	1.000					
3	☐	1.000		6094701.13		A	0.2
4	☐	1.000		6127910.07		A	0.7
5	☐	1.000		6152817.67		A	1.3
6	☐	1.000		6220722.75		A	0.3
7	☐	1.000		6284348.19		A	0.9
8	☐	1.000		6238834.47		A	0.4
9	☐	1.000		6060597.58		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1260786.92		P	0.4
2	☐	1.000					
3	☐	1.000		1263202.42		P	0.3
4	☐	1.000		1266089.48		P	0.3
5	☐	1.000		1255730.90		P	3.1
6	☐	1.000		1201121.79		P	9.7
7	☐	1.000		1264669.27		P	0.4
8	☐	1.000		1251306.22		P	0.5
9	☐	1.000		1226624.67		P	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4131930.88		A	0.8
2	☐	1.000					
3	☐	1.000		4203606.25		A	0.4
4	☐	1.000		4165266.47		A	0.6
5	☐	1.000		4207660.63		A	1.7
6	☐	1.000		4275732.61		A	0.7
7	☐	1.000		4227606.46		A	1.0
8	☐	1.000		4143698.10		A	1.0
9	☐	1.000		3920110.01		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1022352.54		P	0.6
2	☐	1.000					
3	☐	1.000		1026798.73		P	0.2
4	☐	1.000		1023220.51		P	0.5
5	☐	1.000		1006347.68		P	2.8
6	☐	1.000		961689.11		P	10.0
7	☐	1.000		1003331.38		P	0.4
8	☐	1.000		984102.10		P	0.2
9	☐	1.000		926751.56		P	1.3

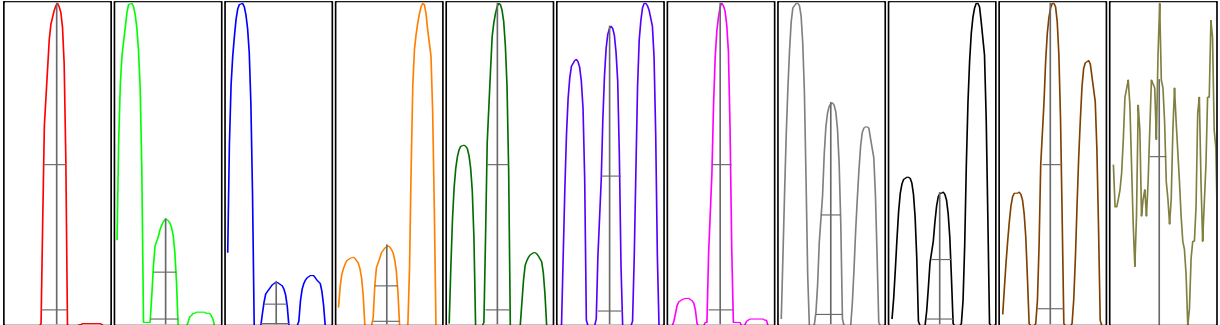
US EPA Tune Check Sample Report

Batch Folder D:\P8011018MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4541	0.60	5.00	
24	24856	0.29	5.00	
25	3357	0.51	5.00	
26	3839	0.32	5.00	
59	50281	0.87	5.00	
113	7320	1.34	5.00	
115	95226	0.79	5.00	
206	22887	0.37	5.00	
207	20613	1.33	5.00	
208	49755	1.43	5.00	
220	2	17.96		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4541	4562	4555	4555	4495
24	24742	24885	24905	24831	24915
25	3331	3370	3374	3359	3351
26	3838	3849	3829	3824	3853
59	50200	49697	50664	50081	50763
113	7317	7235	7479	7326	7244
115	95282	95000	96281	95378	94188
206	23030	22820	22889	22850	22848
207	20927	20397	20328	20878	20536
208	50446	49393	48863	50520	49556
220	2	1	2	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	7594	9.00	8.9 - 9.1		0.739	0.900	
24	40674	23.95	23.9 - 24.1		0.785	0.900	
25	5442	24.95	24.9 - 25.1		0.786	0.900	
26	6359	25.95	25.9 - 26.1		0.769	0.900	
59	86234	58.95	58.9 - 59.1		0.738	0.900	
113	13695	113.00	112.9 - 113.1		0.731	0.900	
115	175827	115.00	114.9 - 115.1		0.733	0.900	
206	41619	206.00	205.9 - 206.1		0.756	0.900	
207	37199	206.95	206.9 - 207.1		0.772	0.900	
208	90084	207.95	207.9 - 208.1		0.760	0.900	
220	2	219.90	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.0	V	Deflect	13.6	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6629	1.06	
89	1520	0.92	
205	9984	0.59	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6717	6664	6645	6577	6540
89	1526	1532	1531	1507	1503
205	10069	10019	9966	9933	9935

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.0	V	Deflect	1.8	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-105	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:02	DataFile Name :	003CALB_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.95	0.59	2.36	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.02	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.04	0.01	0.03	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.12	-0.32	0.20	0.00	N/A	ppb
Boron	11-1	-0.05	0.07	-0.02	0.00	N/A	ppb
Cadmium	111-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.17	-0.24	0.41	0.00	N/A	ppb
Cadmium	108-1	0.08	-0.04	-0.04	0.00	N/A	ppb
Calcium	43-1	4.94	-4.51	-0.43	0.00	N/A	ppb
Calcium	44-1	-2.67	1.41	1.26	0.00	N/A	ppb
Chromium	52-2	-0.04	0.08	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.13	-0.05	-0.09	0.00	N/A	ppb
Iron	57-2	-0.88	-0.84	1.72	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.82	2.40	-1.58	0.00	N/A	ppb
Manganese	55-2	-0.03	0.06	-0.03	0.00	N/A	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:02	DataFile Name :	003CALB_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.12	-0.06	0.00	N/A	ppb
Phosphorus	31-2	-21.72	29.50	-46.35	-12.85		ppb
Potassium	39-2	11.33	-24.75	13.42	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.32	-0.31	0.63	0.00	N/A	ppb
Selenium	82-1	-0.04	-0.11	0.15	0.00	N/A	ppb
Silicon	28-1	-0.93	-0.09	1.02	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.01	0.00	N/A	ppb
Sodium	23-2	-12.49	-4.26	16.76	0.00	N/A	ppb
Strontium	86-1	0.01	-0.03	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-84.32	112.93	76.64	35.08	299.26	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	-0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.00	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.04	-0.03	0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:02	DataFile Name :	003CALB_P8011018MS.

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

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:53:59	DataFile Name :	005CALS_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.44	9.32	12.93	12.23	21.51	ppb
Antimony	121-1	1.77	1.81	1.85	1.81	2.35	ppb
Arsenic	75-2	0.75	0.98	0.87	0.87	12.80	ppb
Barium	135-1	8.56	9.30	9.23	9.03	4.53	ppb
Barium	137-1	8.92	9.15	9.25	9.11	1.90	ppb
Beryllium	9-1	0.88	1.06	0.74	0.89	18.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.87	21.52	22.91	22.10	3.26	ppb
Boron	11-1	21.23	23.21	22.34	22.26	4.47	ppb
Cadmium	111-1	1.00	1.08	1.10	1.06	4.88	ppb
Cadmium	106-1	1.66	1.88	2.86	2.13	29.93	ppb
Cadmium	108-1	0.53	0.85	0.71	0.70	22.94	ppb
Calcium	43-1	449.30	419.48	474.60	447.79	6.16	ppb
Calcium	44-1	441.43	449.81	461.86	451.03	2.28	ppb
Chromium	52-2	2.20	2.07	2.17	2.15	3.12	ppb
Cobalt	59-2	0.87	0.99	0.94	0.93	6.80	ppb
Copper	63-2	1.78	1.81	1.90	1.83	3.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.29	47.08	46.49	46.96	0.88	ppb
Iron	57-2	42.19	39.92	40.70	40.94	2.82	ppb
Lead	206-1	0.88	0.93	0.93	0.91	3.04	ppb
Lead	207-1	0.79	0.84	0.88	0.83	5.40	ppb
Lead	208-1	0.86	0.88	0.91	0.88	2.43	ppb
Lithium	6-1						%
Magnesium	24-2	468.81	453.15	476.75	466.24	2.58	ppb
Manganese	55-2	1.03	0.73	1.19	0.98	23.76	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:53:59	DataFile Name :	005CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.63	4.64	4.71	4.66	0.90	ppb
Molybdenum	95-1	4.32	4.53	4.54	4.46	2.78	ppb
Molybdenum	96-1	4.26	4.43	4.42	4.37	2.16	ppb
Molybdenum	97-1	4.25	4.39	4.48	4.37	2.66	ppb
Molybdenum	98-1	4.42	4.45	4.54	4.47	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.92	1.18	1.05	12.78	ppb
Phosphorus	31-2	-21.23	-21.08	80.87	12.85	458.26	ppb
Potassium	39-2	445.02	421.35	448.48	438.28	3.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.08	6.09	12.21	8.13	43.49	ppb
Selenium	78-2	6.19	2.49	5.28	4.65	41.48	ppb
Selenium	82-1	3.79	3.75	4.54	4.03	11.06	ppb
Silicon	28-1	13.75	15.33	20.24	16.44	20.57	ppb
Silver	109-1	0.89	0.88	0.96	0.91	4.70	ppb
Silver	107-1	0.95	0.95	0.91	0.94	2.18	ppb
Sodium	23-2	466.55	463.09	483.27	470.97	2.29	ppb
Strontium	86-1	0.90	0.90	0.85	0.88	2.97	ppb
Strontium	88-1	0.96	0.90	0.94	0.93	3.31	ppb
Sulfur	34-1	-310.40	-276.43	481.58	-35.08		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.86	0.98	0.90	0.91	6.84	ppb
Thallium	205-1	0.89	0.92	0.90	0.91	2.02	ppb
Tin	118-1	4.39	4.50	4.63	4.51	2.61	ppb
Titanium	47-1	4.50	4.74	4.48	4.57	3.12	ppb
Uranium	238-1	0.87	0.88	0.84	0.87	2.46	ppb
Vanadium	51-2	4.30	4.26	4.66	4.41	4.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.61	1.56	1.91	1.69	11.21	ppb
Zirconium	90-1	0.92	0.84	0.94	0.90	5.55	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:53:59	DataFile Name :	005CALS_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	0.84	0.92	0.91	7.70	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:32	DataFile Name :	006CALS_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	936.53	1000.22	1005.32	980.69	3.91	ppb
Antimony	121-1	51.57	51.84	51.08	51.50	0.75	ppb
Arsenic	75-2	50.43	50.05	50.76	50.41	0.70	ppb
Barium	135-1	256.71	255.02	252.99	254.91	0.73	ppb
Barium	137-1	256.08	258.42	255.03	256.51	0.68	ppb
Beryllium	9-1	52.41	53.87	52.89	53.06	1.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.23	48.08	49.69	48.67	1.83	ppb
Boron	11-1	50.31	49.35	50.76	50.14	1.43	ppb
Cadmium	111-1	52.98	53.75	52.22	52.99	1.44	ppb
Cadmium	106-1	53.70	57.47	54.97	55.38	3.46	ppb
Cadmium	108-1	53.81	52.49	54.47	53.59	1.89	ppb
Calcium	43-1	5084.62	5239.27	5064.89	5129.59	1.86	ppb
Calcium	44-1	5189.49	5231.92	5189.64	5203.68	0.47	ppb
Chromium	52-2	50.23	52.01	51.01	51.08	1.75	ppb
Cobalt	59-2	50.27	52.57	52.18	51.67	2.39	ppb
Copper	63-2	101.09	104.78	103.06	102.98	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2555.08	2661.23	2575.53	2597.28	2.17	ppb
Iron	57-2	2552.85	2607.94	2557.12	2572.64	1.19	ppb
Lead	206-1	50.01	49.99	49.41	49.80	0.68	ppb
Lead	207-1	48.50	49.09	47.98	48.52	1.15	ppb
Lead	208-1	49.44	49.82	49.26	49.51	0.58	ppb
Lithium	6-1						%
Magnesium	24-2	5039.11	5157.30	5075.32	5090.58	1.19	ppb
Manganese	55-2	103.17	103.99	100.15	102.44	1.97	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:32	DataFile Name :	006CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	254.02	255.90	253.40	254.44	0.51	ppb
Molybdenum	95-1	252.87	252.82	254.73	253.48	0.43	ppb
Molybdenum	96-1	250.90	253.17	255.02	253.03	0.82	ppb
Molybdenum	97-1	252.62	250.18	255.32	252.71	1.02	ppb
Molybdenum	98-1	253.41	255.04	255.09	254.51	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.78	52.45	52.78	52.67	0.36	ppb
Phosphorus	31-2	951.58	1165.62	1142.25	1086.48	10.81	ppb
Potassium	39-2	2561.12	2744.45	2631.08	2645.55	3.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	79.61	91.50	37.13	69.41	41.18	ppb
Selenium	78-2	54.85	56.50	50.72	54.02	5.51	ppb
Selenium	82-1	51.83	50.28	53.30	51.80	2.91	ppb
Silicon	28-1	66.35	71.84	66.98	68.39	4.39	ppb
Silver	109-1	51.42	52.42	52.04	51.96	0.97	ppb
Silver	107-1	52.54	53.51	52.30	52.78	1.21	ppb
Sodium	23-2	5126.48	5317.55	5169.40	5204.48	1.93	ppb
Strontium	86-1	49.66	49.87	49.93	49.82	0.28	ppb
Strontium	88-1	51.16	50.65	50.95	50.92	0.51	ppb
Sulfur	34-1	990.92	1210.03	769.78	990.24	22.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.28	49.69	49.27	49.41	0.49	ppb
Thallium	205-1	50.34	50.41	50.20	50.32	0.21	ppb
Tin	118-1	51.10	51.64	51.10	51.28	0.60	ppb
Titanium	47-1	253.10	252.58	253.30	252.99	0.15	ppb
Uranium	238-1	49.14	48.95	49.12	49.07	0.21	ppb
Vanadium	51-2	49.20	51.91	50.92	50.68	2.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.91	108.50	104.84	105.75	2.30	ppb
Zirconium	90-1	51.53	51.14	51.09	51.25	0.47	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:32	DataFile Name :	006CALS_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.68	50.17	49.79	49.88	0.52	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:04	DataFile Name :	007CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2638.60	2516.01	2450.08	2534.89	3.77	ppb
Antimony	121-1	127.36	126.68	127.10	127.05	0.27	ppb
Arsenic	75-2	126.90	126.36	125.72	126.33	0.47	ppb
Barium	135-1	640.01	636.56	628.87	635.15	0.90	ppb
Barium	137-1	651.68	642.57	640.16	644.80	0.94	ppb
Beryllium	9-1	129.75	127.03	128.56	128.45	1.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	124.79	126.39	125.02	125.40	0.69	ppb
Boron	11-1	119.99	122.07	123.77	121.94	1.55	ppb
Cadmium	111-1	131.86	129.60	128.70	130.05	1.25	ppb
Cadmium	106-1	133.98	129.57	130.00	131.18	1.85	ppb
Cadmium	108-1	131.89	129.55	132.27	131.24	1.12	ppb
Calcium	43-1	12829.22	12704.47	12687.29	12740.33	0.61	ppb
Calcium	44-1	12946.18	12798.05	12744.59	12829.61	0.81	ppb
Chromium	52-2	128.82	129.06	128.99	128.96	0.09	ppb
Cobalt	59-2	128.30	129.21	130.19	129.24	0.73	ppb
Copper	63-2	254.25	256.45	257.52	256.07	0.65	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	6666.06	6670.09	6679.96	6672.04	0.11	ppb
Iron	57-2	6280.69	6381.85	6448.35	6370.30	1.33	ppb
Lead	206-1	126.02	122.76	122.85	123.88	1.50	ppb
Lead	207-1	122.57	121.13	120.18	121.29	0.99	ppb
Lead	208-1	124.96	122.66	122.04	123.22	1.25	ppb
Lithium	6-1						%
Magnesium	24-2	12506.50	12723.26	12581.68	12603.81	0.87	ppb
Manganese	55-2	259.72	256.57	254.49	256.93	1.02	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:04	DataFile Name :	007CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	648.62	629.65	638.34	638.87	1.49	ppb
Molybdenum	95-1	640.27	635.01	645.89	640.39	0.85	ppb
Molybdenum	96-1	649.37	637.33	641.87	642.85	0.95	ppb
Molybdenum	97-1	633.27	618.81	615.65	622.57	1.51	ppb
Molybdenum	98-1	651.62	630.88	630.65	637.71	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.57	128.12	130.41	128.70	1.17	ppb
Phosphorus	31-2	2390.59	2393.88	2812.95	2532.47	9.59	ppb
Potassium	39-2	6677.52	6681.85	6415.28	6591.55	2.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	129.13	197.67	110.95	145.91	31.34	ppb
Selenium	78-2	138.62	113.80	120.30	124.24	10.36	ppb
Selenium	82-1	130.88	125.22	128.10	128.07	2.21	ppb
Silicon	28-1	169.05	170.42	173.79	171.09	1.42	ppb
Silver	109-1	130.28	129.46	126.80	128.85	1.41	ppb
Silver	107-1	132.16	129.40	128.70	130.09	1.41	ppb
Sodium	23-2	13037.33	13100.36	13140.25	13092.65	0.40	ppb
Strontium	86-1	126.42	125.08	125.66	125.72	0.54	ppb
Strontium	88-1	128.20	128.00	128.58	128.26	0.23	ppb
Sulfur	34-1	2540.79	2498.50	2125.46	2388.25	9.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	126.67	123.58	122.03	124.09	1.90	ppb
Thallium	205-1	129.33	126.19	125.63	127.05	1.57	ppb
Tin	118-1	128.34	127.29	125.35	126.99	1.19	ppb
Titanium	47-1	627.67	621.40	616.87	621.98	0.87	ppb
Uranium	238-1	127.06	125.08	124.75	125.63	0.99	ppb
Vanadium	51-2	125.10	128.01	126.93	126.68	1.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	262.25	259.74	260.17	260.72	0.51	ppb
Zirconium	90-1	127.76	125.32	126.13	126.41	0.98	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:04	DataFile Name :	007CALS_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	125.88	122.30	123.27	123.82	1.50	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:29	DataFile Name :	008CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6054.89	5080.16	4896.37	5343.81	11.65	ppb
Antimony	121-1	262.77	258.29	259.53	260.20	0.89	ppb
Arsenic	75-2	297.83	252.29	249.22	266.45	10.22	ppb
Barium	135-1	1297.10	1267.95	1291.85	1285.63	1.21	ppb
Barium	137-1	1293.47	1280.53	1293.86	1289.29	0.59	ppb
Beryllium	9-1	255.53	256.57	254.12	255.41	0.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	242.47	239.90	249.50	243.95	2.04	ppb
Boron	11-1	241.76	250.09	251.71	247.86	2.15	ppb
Cadmium	111-1	258.26	255.33	260.12	257.90	0.94	ppb
Cadmium	106-1	258.20	254.38	259.28	257.29	1.00	ppb
Cadmium	108-1	260.47	261.04	259.28	260.27	0.34	ppb
Calcium	43-1	25010.35	25428.53	25181.24	25206.71	0.83	ppb
Calcium	44-1	25245.55	25247.96	25028.47	25173.99	0.50	ppb
Chromium	52-2	298.28	250.65	246.88	265.27	10.80	ppb
Cobalt	59-2	300.75	253.32	249.66	267.91	10.64	ppb
Copper	63-2	600.92	506.26	495.98	534.39	10.82	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	15382.72	12889.42	12591.98	13621.38	11.25	ppb
Iron	57-2	15035.63	12464.45	12318.34	13272.81	11.52	ppb
Lead	206-1	246.01	242.63	243.20	243.95	0.74	ppb
Lead	207-1	241.12	238.23	240.52	239.96	0.63	ppb
Lead	208-1	250.68	245.99	250.10	248.92	1.03	ppb
Lithium	6-1						%
Magnesium	24-2	29792.04	25017.82	24306.57	26372.14	11.31	ppb
Manganese	55-2	603.34	503.24	499.07	535.21	11.03	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:29	DataFile Name :	008CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1271.01	1259.05	1291.80	1273.95	1.30	ppb
Molybdenum	95-1	1276.88	1263.12	1277.02	1272.34	0.63	ppb
Molybdenum	96-1	1277.03	1284.17	1291.27	1284.16	0.55	ppb
Molybdenum	97-1	1292.36	1277.39	1287.92	1285.89	0.60	ppb
Molybdenum	98-1	1271.71	1257.29	1272.04	1267.01	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	305.02	256.26	252.83	271.37	10.76	ppb
Phosphorus	31-2	5827.74	4839.40	5383.11	5350.08	9.25	ppb
Potassium	39-2	15492.98	12911.52	12828.99	13744.50	11.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	364.80	239.30	279.67	294.59	21.75	ppb
Selenium	78-2	272.64	257.35	287.17	272.39	5.48	ppb
Selenium	82-1	254.96	251.75	253.26	253.32	0.63	ppb
Silicon	28-1	291.51	306.19	299.14	298.95	2.46	ppb
Silver	109-1	263.13	258.08	261.44	260.88	0.98	ppb
Silver	107-1	266.03	260.64	259.33	262.00	1.36	ppb
Sodium	23-2	31189.32	26252.73	25671.53	27704.52	10.94	ppb
Strontium	86-1	249.27	250.00	249.82	249.70	0.15	ppb
Strontium	88-1	254.26	254.36	253.98	254.20	0.08	ppb
Sulfur	34-1	4499.79	4674.90	4409.16	4527.95	2.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	247.28	242.59	241.57	243.82	1.25	ppb
Thallium	205-1	254.32	249.21	248.36	250.63	1.29	ppb
Tin	118-1	253.85	251.22	252.13	252.40	0.53	ppb
Titanium	47-1	1234.20	1242.42	1233.09	1236.57	0.41	ppb
Uranium	238-1	249.51	247.35	250.65	249.17	0.67	ppb
Vanadium	51-2	296.12	246.94	247.45	263.51	10.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	609.91	509.87	503.43	541.07	11.03	ppb
Zirconium	90-1	257.32	254.39	257.13	256.28	0.64	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:29	DataFile Name :	008CALS_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.11	246.19	249.88	248.06	0.74	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:07:49	DataFile Name :	009CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9911.50	9964.07	9576.56	9817.37	2.14	ppb
Antimony	121-1	500.33	513.73	510.40	508.16	1.37	ppb
Arsenic	75-2	499.65	493.62	495.51	496.26	0.62	ppb
Barium	135-1	2502.01	2558.64	2546.01	2535.55	1.17	ppb
Barium	137-1	2484.06	2530.13	2507.84	2507.34	0.92	ppb
Beryllium	9-1	504.79	509.39	501.80	505.32	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	486.47	504.99	512.83	501.43	2.70	ppb
Boron	11-1	493.91	506.18	500.41	500.17	1.23	ppb
Cadmium	111-1	501.70	517.81	506.56	508.69	1.62	ppb
Cadmium	106-1	506.47	528.40	502.66	512.51	2.71	ppb
Cadmium	108-1	503.40	499.01	519.65	507.35	2.14	ppb
Calcium	43-1	51095.57	50360.54	50613.13	50689.75	0.74	ppb
Calcium	44-1	50590.39	50365.94	50537.14	50497.82	0.23	ppb
Chromium	52-2	495.28	503.22	503.01	500.50	0.90	ppb
Cobalt	59-2	496.13	503.04	506.54	501.90	1.06	ppb
Copper	63-2	990.68	1002.76	998.89	997.44	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25096.85	25358.35	25544.77	25333.32	0.89	ppb
Iron	57-2	24858.09	24872.28	25052.52	24927.63	0.43	ppb
Lead	206-1	500.47	498.98	505.34	501.60	0.66	ppb
Lead	207-1	505.17	496.36	504.41	501.98	0.97	ppb
Lead	208-1	506.98	499.08	504.08	503.38	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	48486.01	48983.11	49179.20	48882.77	0.73	ppb
Manganese	55-2	995.48	1003.58	1004.49	1001.18	0.50	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:07:49	DataFile Name :	009CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2549.37	2520.29	2497.79	2522.48	1.03	ppb
Molybdenum	95-1	2502.25	2527.62	2480.73	2503.53	0.94	ppb
Molybdenum	96-1	2538.85	2498.58	2492.22	2509.88	1.01	ppb
Molybdenum	97-1	2531.56	2512.66	2521.16	2521.79	0.38	ppb
Molybdenum	98-1	2522.13	2518.78	2495.33	2512.08	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.60	503.54	506.49	503.21	0.69	ppb
Phosphorus	31-2	10165.27	11009.10	10072.15	10415.51	4.96	ppb
Potassium	39-2	25398.64	25696.58	25810.05	25635.09	0.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	491.09	505.92	506.76	501.26	1.76	ppb
Selenium	78-2	491.40	476.62	498.23	488.75	2.26	ppb
Selenium	82-1	507.25	504.38	499.35	503.66	0.79	ppb
Silicon	28-1	587.02	598.05	617.29	600.79	2.55	ppb
Silver	109-1	507.37	515.64	517.63	513.54	1.06	ppb
Silver	107-1	512.82	515.25	507.61	511.89	0.76	ppb
Sodium	23-2	50985.88	51459.13	51386.46	51277.16	0.50	ppb
Strontium	86-1	500.37	499.81	492.48	497.56	0.88	ppb
Strontium	88-1	506.87	502.48	499.41	502.92	0.75	ppb
Sulfur	34-1	9551.30	9761.14	9724.03	9678.82	1.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	504.75	501.14	509.78	505.22	0.86	ppb
Thallium	205-1	501.73	496.01	501.22	499.65	0.63	ppb
Tin	118-1	510.85	516.65	512.35	513.28	0.59	ppb
Titanium	47-1	2525.14	2518.60	2532.87	2525.54	0.28	ppb
Uranium	238-1	503.82	500.01	500.46	501.43	0.42	ppb
Vanadium	51-2	494.59	496.94	499.60	497.04	0.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1003.99	1014.58	1013.62	1010.73	0.58	ppb
Zirconium	90-1	509.12	499.99	498.10	502.40	1.17	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:07:49	DataFile Name :	009CALS_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.83	492.81	492.48	494.37	0.61	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:11:06	DataFile Name :	010CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19906.78	19365.64	19585.66	19619.36	1.39	ppb
Antimony	121-1	996.43	998.26	984.43	993.04	0.76	ppb
Arsenic	75-2	997.75	995.73	999.24	997.57	0.18	ppb
Barium	135-1	4963.47	5039.53	4912.42	4971.80	1.29	ppb
Barium	137-1	5019.48	4998.15	4933.49	4983.71	0.90	ppb
Beryllium	9-1	996.50	1001.72	987.98	995.40	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	965.67	1040.10	996.89	1000.89	3.73	ppb
Boron	11-1	992.39	1003.11	1007.19	1000.90	0.76	ppb
Cadmium	111-1	993.73	998.27	986.70	992.90	0.59	ppb
Cadmium	106-1	994.47	1003.15	975.02	990.88	1.45	ppb
Cadmium	108-1	998.41	997.63	982.36	992.80	0.91	ppb
Calcium	43-1	101909.63	103601.41	101619.07	102376.70	1.05	ppb
Calcium	44-1	100366.78	100620.23	100726.59	100571.20	0.18	ppb
Chromium	52-2	993.00	997.24	995.91	995.38	0.22	ppb
Cobalt	59-2	1001.03	986.11	994.73	993.96	0.75	ppb
Copper	63-2	1995.83	1986.69	1992.80	1991.77	0.23	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	50530.72	50466.48	50319.48	50438.89	0.21	ppb
Iron	57-2	49048.14	49255.48	49571.14	49291.59	0.53	ppb
Lead	206-1	995.65	1003.04	1003.90	1000.86	0.45	ppb
Lead	207-1	999.64	1007.12	999.41	1002.06	0.44	ppb
Lead	208-1	999.31	1001.00	996.17	998.83	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	99123.30	98013.57	98480.99	98539.29	0.57	ppb
Manganese	55-2	1993.67	1990.83	1984.35	1989.62	0.24	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:11:06	DataFile Name :	010CAL5_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4955.23	5017.72	4969.50	4980.81	0.66	ppb
Molybdenum	95-1	4958.47	5034.96	4978.22	4990.55	0.80	ppb
Molybdenum	96-1	4948.42	5018.50	4985.48	4984.14	0.70	ppb
Molybdenum	97-1	4964.96	5021.78	4954.16	4980.30	0.73	ppb
Molybdenum	98-1	4934.56	5048.65	4980.47	4987.89	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.56	984.83	996.99	992.46	0.67	ppb
Phosphorus	31-2	20088.51	20009.27	18991.25	19696.34	3.11	ppb
Potassium	39-2	50709.00	50579.91	50219.31	50502.74	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	929.57	1040.37	983.93	984.62	5.63	ppb
Selenium	78-2	967.61	1008.51	1023.65	999.92	2.90	ppb
Selenium	82-1	995.06	998.71	996.84	996.87	0.18	ppb
Silicon	28-1	929.99	941.57	920.32	930.63	1.14	ppb
Silver	109-1	990.33	996.16	983.30	989.93	0.65	ppb
Silver	107-1	988.17	996.67	985.99	990.28	0.57	ppb
Sodium	23-2	101347.79	100291.13	100242.62	100627.18	0.62	ppb
Strontium	86-1	987.72	1016.84	999.10	1001.22	1.47	ppb
Strontium	88-1	986.43	1009.30	995.38	997.04	1.16	ppb
Sulfur	34-1	20345.65	20567.99	19965.54	20293.06	1.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	986.66	1007.55	1003.02	999.08	1.10	ppb
Thallium	205-1	996.07	998.87	1004.29	999.74	0.42	ppb
Tin	118-1	994.50	995.55	987.30	992.45	0.45	ppb
Titanium	47-1	5006.49	5019.98	4945.99	4990.82	0.79	ppb
Uranium	238-1	998.28	1004.24	995.86	999.46	0.43	ppb
Vanadium	51-2	1000.78	995.08	997.73	997.86	0.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1985.66	1980.97	1981.60	1982.74	0.13	ppb
Zirconium	90-1	995.61	998.06	997.30	996.99	0.13	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:11:06	DataFile Name :	010CALS_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	994.95	1012.73	1002.67	1003.45	0.89	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:14:20	DataFile Name :	011CAL5_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100569.50	98780.40	100879.67	100076.52	1.13	ppb
Antimony	121-1	1.06	1.01	1.03	1.04	2.45	ppb
Arsenic	75-2	0.50	0.32	0.31	0.38	27.33	ppb
Barium	135-1	1.12	1.29	1.23	1.21	7.28	ppb
Barium	137-1	1.39	1.10	1.23	1.24	11.87	ppb
Beryllium	9-1	0.76	0.62	0.67	0.68	10.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	50.94	42.87	37.18	43.66	15.84	ppb
Boron	11-1	44.24	40.59	39.72	41.52	5.77	ppb
Cadmium	111-1	0.09	0.18	0.18	0.15	35.30	ppb
Cadmium	106-1	-0.30	0.68	0.93	0.44	149.66	ppb
Cadmium	108-1	0.20	0.16	0.24	0.20	20.31	ppb
Calcium	43-1	499681.23	496950.96	501682.10	499438.10	0.48	ppb
Calcium	44-1	500438.22	503561.42	495451.51	499817.05	0.82	ppb
Chromium	52-2	8.59	8.88	9.60	9.03	5.78	ppb
Cobalt	59-2	1.02	1.08	1.15	1.09	6.07	ppb
Copper	63-2	2.08	2.19	2.10	2.12	2.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	249858.60	246953.88	252621.41	249811.30	1.13	ppb
Iron	57-2	250603.04	247965.80	251750.80	250106.55	0.78	ppb
Lead	206-1	1.70	1.72	1.71	1.71	0.66	ppb
Lead	207-1	1.63	1.60	1.68	1.64	2.55	ppb
Lead	208-1	1.69	1.66	1.67	1.68	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	503925.47	489211.35	507858.55	500331.79	1.96	ppb
Manganese	55-2	4.11	5.02	4.54	4.56	9.98	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:14:20	DataFile Name :	011CAL5_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.93	1.83	2.01	1.92	4.58	ppb
Molybdenum	95-1	2.78	2.77	2.64	2.73	2.84	ppb
Molybdenum	96-1	2.90	2.92	2.85	2.89	1.39	ppb
Molybdenum	97-1	2.46	2.55	2.44	2.48	2.47	ppb
Molybdenum	98-1	2.42	2.45	2.26	2.38	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.00	5.91	6.14	6.02	1.91	ppb
Phosphorus	31-2	-17.73	-46.35	40.63	-7.82		ppb
Potassium	39-2	250968.77	246701.94	251620.83	249763.85	1.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.66	0.00	2.22	173.21	ppb
Selenium	78-2	-1.24	0.80	0.75	0.10	1129.40	ppb
Selenium	82-1	0.39	0.10	0.04	0.18	106.64	ppb
Silicon	28-1	47.49	50.17	47.33	48.33	3.30	ppb
Silver	109-1	0.05	0.06	0.07	0.06	13.30	ppb
Silver	107-1	0.07	0.06	0.06	0.06	6.82	ppb
Sodium	23-2	499793.80	492219.69	506770.89	499594.79	1.46	ppb
Strontium	86-1	32.90	32.37	32.97	32.74	1.01	ppb
Strontium	88-1	32.81	33.04	33.68	33.17	1.36	ppb
Sulfur	34-1	-1660.79	-1375.70	-1707.09	-1581.19		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.49	0.47	0.42	0.46	8.33	ppb
Thallium	205-1	0.48	0.45	0.45	0.46	3.90	ppb
Tin	118-1	0.91	0.91	0.93	0.92	1.25	ppb
Titanium	47-1	1.02	0.96	0.67	0.88	21.51	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	5.84	ppb
Vanadium	51-2	0.13	0.21	0.19	0.18	22.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.10	6.04	5.52	5.89	5.45	ppb
Zirconium	90-1	0.13	0.15	0.18	0.15	15.82	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:14:20	DataFile Name :	011CALS_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.15	0.23	0.17	32.95	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:33:00	DataFile Name :	012ICV01_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	538.24	518.07	509.22	521.84	2.85	ppb
Antimony	121-1	191.93	190.79	191.89	191.54	0.34	ppb
Arsenic	75-2	188.77	191.59	194.20	191.52	1.42	ppb
Barium	135-1	96.64	95.87	99.00	97.17	1.68	ppb
Barium	137-1	97.84	99.30	98.46	98.53	0.74	ppb
Beryllium	9-1	95.83	96.03	94.85	95.57	0.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	536.49	553.60	545.65	545.25	1.57	ppb
Boron	11-1	549.79	559.00	555.50	554.77	0.84	ppb
Cadmium	111-1	103.09	102.65	102.20	102.64	0.44	ppb
Cadmium	106-1	164.33	158.03	163.10	161.82	2.06	ppb
Cadmium	108-1	133.74	131.89	128.00	131.21	2.23	ppb
Calcium	43-1	2119.34	2149.44	2181.25	2150.01	1.44	ppb
Calcium	44-1	2071.68	2086.95	2055.74	2071.46	0.75	ppb
Chromium	52-2	94.38	96.74	95.08	95.40	1.27	ppb
Cobalt	59-2	96.99	98.39	97.50	97.63	0.72	ppb
Copper	63-2	96.22	99.58	97.79	97.86	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	970.92	994.44	965.97	977.11	1.56	ppb
Iron	57-2	924.08	949.66	946.63	940.12	1.49	ppb
Lead	206-1	192.60	195.63	194.59	194.27	0.79	ppb
Lead	207-1	182.57	184.38	183.24	183.39	0.50	ppb
Lead	208-1	193.29	194.43	192.94	193.56	0.40	ppb
Lithium	6-1						%
Magnesium	24-2	1137.60	1188.54	1083.88	1136.67	4.60	ppb
Manganese	55-2	93.00	96.56	96.73	95.43	2.21	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:33:00	DataFile Name :	012ICV01_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1124.93	1126.42	1136.66	1129.34	0.57	ppb
Molybdenum	95-1	496.97	503.20	496.35	498.84	0.76	ppb
Molybdenum	96-1	579.43	578.38	578.49	578.77	0.10	ppb
Molybdenum	97-1	483.86	484.90	483.68	484.14	0.14	ppb
Molybdenum	98-1	495.46	499.81	495.57	496.95	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.56	100.51	98.53	98.87	1.52	ppb
Phosphorus	31-2	-46.35	-20.62	-21.15	-29.37		ppb
Potassium	39-2	1917.35	1927.27	2056.45	1967.02	3.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	260.72	213.78	176.95	217.15	19.34	ppb
Selenium	78-2	196.83	193.63	211.12	200.52	4.64	ppb
Selenium	82-1	201.97	196.41	194.95	197.77	1.87	ppb
Silicon	28-1	456.18	449.32	454.20	453.23	0.78	ppb
Silver	109-1	99.01	98.93	98.27	98.74	0.41	ppb
Silver	107-1	100.33	99.00	99.41	99.58	0.69	ppb
Sodium	23-2	1899.87	2005.17	1986.67	1963.90	2.86	ppb
Strontium	86-1	489.19	487.89	482.37	486.48	0.74	ppb
Strontium	88-1	496.47	488.21	485.76	490.15	1.15	ppb
Sulfur	34-1	-1422.60	-1116.00	-1519.68	-1352.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	198.00	197.04	195.64	196.89	0.60	ppb
Thallium	205-1	204.40	203.82	201.17	203.13	0.85	ppb
Tin	118-1	504.04	506.37	506.49	505.63	0.27	ppb
Titanium	47-1	486.60	488.16	490.29	488.35	0.38	ppb
Uranium	238-1	499.21	502.89	499.05	500.39	0.43	ppb
Vanadium	51-2	93.81	97.32	93.97	95.03	2.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	195.82	196.66	201.54	198.00	1.56	ppb
Zirconium	90-1	513.65	517.91	511.81	514.46	0.61	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:33:00	DataFile Name :	012ICV01_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.36	499.15	497.53	500.02	0.60	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:48:27	DataFile Name :	013LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.93	6.10	11.79	15.61	76.15	ppb
Antimony	121-1	1.91	1.88	1.83	1.87	2.01	ppb
Arsenic	75-2	0.99	1.03	0.90	0.97	6.63	ppb
Barium	135-1	9.33	9.11	8.90	9.11	2.32	ppb
Barium	137-1	9.35	9.03	9.38	9.25	2.12	ppb
Beryllium	9-1	1.21	1.03	0.99	1.08	10.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.26	25.89	23.34	23.50	9.87	ppb
Boron	11-1	24.29	26.51	25.96	25.59	4.52	ppb
Cadmium	111-1	1.08	0.99	1.02	1.03	4.19	ppb
Cadmium	106-1	1.82	0.77	2.00	1.53	43.45	ppb
Cadmium	108-1	0.88	0.83	0.62	0.78	17.76	ppb
Calcium	43-1	455.53	487.22	428.57	457.11	6.42	ppb
Calcium	44-1	462.97	451.36	434.80	449.71	3.15	ppb
Chromium	52-2	2.14	2.13	1.88	2.05	7.23	ppb
Cobalt	59-2	0.99	1.03	1.01	1.01	1.86	ppb
Copper	63-2	1.85	1.87	1.92	1.88	1.89	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	51.14	48.66	49.48	49.76	2.54	ppb
Iron	57-2	47.16	48.87	40.79	45.61	9.33	ppb
Lead	206-1	0.93	0.93	0.91	0.92	1.21	ppb
Lead	207-1	0.91	0.95	0.86	0.91	4.92	ppb
Lead	208-1	0.92	0.96	0.91	0.93	2.71	ppb
Lithium	6-1						%
Magnesium	24-2	503.26	445.43	465.70	471.47	6.22	ppb
Manganese	55-2	1.11	0.90	1.03	1.01	10.68	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:48:27	DataFile Name :	013LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.72	4.78	4.20	4.56	7.02	ppb
Molybdenum	95-1	4.75	4.84	4.44	4.68	4.58	ppb
Molybdenum	96-1	4.81	4.50	4.68	4.66	3.27	ppb
Molybdenum	97-1	4.68	4.59	4.24	4.50	5.08	ppb
Molybdenum	98-1	4.78	4.72	4.39	4.63	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.07	0.92	1.04	10.68	ppb
Phosphorus	31-2	7.67	5.55	-19.92	-2.23		ppb
Potassium	39-2	512.50	448.91	479.82	480.41	6.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.44	0.00	6.32	4.25	86.61	ppb
Selenium	78-2	3.68	5.60	7.46	5.58	33.85	ppb
Selenium	82-1	4.38	4.86	5.07	4.77	7.45	ppb
Silicon	28-1	14.55	9.80	6.71	10.36	38.11	ppb
Silver	109-1	0.97	0.96	1.01	0.98	3.05	ppb
Silver	107-1	1.04	0.93	0.93	0.96	6.46	ppb
Sodium	23-2	508.93	481.74	473.69	488.12	3.78	ppb
Strontium	86-1	0.95	0.84	0.81	0.87	8.50	ppb
Strontium	88-1	0.94	0.90	0.87	0.90	3.57	ppb
Sulfur	34-1	-439.55	-1041.00	-1346.64	-942.40		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.97	1.02	0.94	0.98	3.78	ppb
Thallium	205-1	0.97	0.93	0.88	0.93	4.46	ppb
Tin	118-1	4.72	4.66	4.42	4.60	3.44	ppb
Titanium	47-1	4.96	4.65	4.28	4.63	7.33	ppb
Uranium	238-1	0.93	0.90	0.84	0.89	4.77	ppb
Vanadium	51-2	4.97	4.38	5.04	4.80	7.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.41	2.27	2.13	2.27	6.21	ppb
Zirconium	90-1	1.00	0.94	0.96	0.97	3.19	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:48:27	DataFile Name :	013LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.00	0.89	1.01	0.97	6.88	ppb

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 15:51:39 DataFile Name : 014CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.65	-0.94	-4.65	-3.41		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	5.29	ppb
Arsenic	75-2	-0.01	0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.03	0.08	0.04	0.05	47.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.36	3.05	3.40	3.60	18.78	ppb
Boron	11-1	4.15	3.89	3.83	3.95	4.39	ppb
Cadmium	111-1	0.07	0.00	0.05	0.04	100.24	ppb
Cadmium	106-1	0.98	-0.06	0.81	0.58	96.99	ppb
Cadmium	108-1	0.08	-0.04	0.16	0.07	146.41	ppb
Calcium	43-1	-1.41	-11.16	17.31	1.58	915.17	ppb
Calcium	44-1	-7.34	-9.20	-7.88	-8.14		ppb
Chromium	52-2	0.06	0.14	0.04	0.08	61.05	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.01	-0.02	-0.02	-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	0.51	1.05	0.55	0.70	42.72	ppb
Iron	57-2	-0.77	-0.75	0.84	-0.23		ppb
Lead	206-1	0.01	0.02	0.01	0.01	21.94	ppb
Lead	207-1	0.01	0.02	0.02	0.02	6.81	ppb
Lead	208-1	0.01	0.01	0.01	0.01	16.93	ppb
Lithium	6-1						%
Magnesium	24-2	0.39	2.52	0.06	0.99	135.02	ppb
Manganese	55-2	-0.05	0.03	-0.04	-0.02		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:51:39	DataFile Name :	014CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	-0.02	0.00	0.00	1321.61	ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	92.07	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	66.52	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	48.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.11	0.16	0.14	19.27	ppb
Phosphorus	31-2	-46.35	-46.35	-19.82	-37.51		ppb
Potassium	39-2	30.32	16.32	38.15	28.26	39.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.65	-0.26	-1.24	0.05	2803.07	ppb
Selenium	82-1	-0.13	-0.45	-0.28	-0.29		ppb
Silicon	28-1	-0.92	0.34	-1.34	-0.64		ppb
Silver	109-1	0.00	0.00	0.00	0.00	212.42	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	16.27	10.48	18.52	15.09	27.47	ppb
Strontium	86-1	-0.02	-0.01	-0.05	-0.02		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-656.34	-760.49	-801.85	-739.56		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	69.53	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	38.12	ppb
Tin	118-1	0.01	-0.03	0.01	0.00		ppb
Titanium	47-1	0.09	0.06	0.06	0.07	31.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	744.24	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	84.98	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.17	-0.10	-0.01	-0.10		ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:51:39	DataFile Name :	014CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	236.25	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:54:52	DataFile Name :	015ICSA01_P8011018M1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89073.22	89851.42	90387.97	89770.87	0.74	ppb
Antimony	121-1	1.10	1.11	1.11	1.11	0.68	ppb
Arsenic	75-2	0.37	0.25	0.27	0.30	20.12	ppb
Barium	135-1	1.53	1.33	1.36	1.41	7.85	ppb
Barium	137-1	1.52	1.57	1.46	1.52	3.39	ppb
Beryllium	9-1	0.32	0.36	0.26	0.31	15.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.11	6.19	5.53	5.94	6.03	ppb
Boron	11-1	5.87	5.30	6.01	5.72	6.58	ppb
Cadmium	111-1	0.42	0.41	0.31	0.38	15.39	ppb
Cadmium	106-1	1.73	0.73	0.41	0.96	72.16	ppb
Cadmium	108-1	7.92	6.68	7.66	7.42	8.87	ppb
Calcium	43-1	101946.76	101542.64	99926.95	101138.78	1.06	ppb
Calcium	44-1	100894.23	100016.62	99408.84	100106.57	0.75	ppb
Chromium	52-2	18.54	19.36	20.17	19.36	4.22	ppb
Cobalt	59-2	1.07	1.16	1.16	1.13	4.78	ppb
Copper	63-2	7.28	7.28	7.47	7.34	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	95708.01	96759.78	99038.15	97168.65	1.75	ppb
Iron	57-2	94051.32	94621.26	96491.79	95054.79	1.34	ppb
Lead	206-1	5.31	5.31	5.19	5.27	1.27	ppb
Lead	207-1	4.64	4.46	4.43	4.51	2.52	ppb
Lead	208-1	4.90	4.80	4.73	4.81	1.76	ppb
Lithium	6-1						%
Magnesium	24-2	93883.37	95190.46	95334.76	94802.86	0.84	ppb
Manganese	55-2	7.87	6.74	8.24	7.62	10.27	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:54:52	DataFile Name :	015ICSA01_P8011018M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1346.27	1361.34	1360.32	1355.98	0.62	ppb
Molybdenum	95-1	1913.57	1940.98	1968.37	1940.97	1.41	ppb
Molybdenum	96-1	1848.10	1891.15	1876.28	1871.84	1.17	ppb
Molybdenum	97-1	1906.03	1959.56	1971.05	1945.55	1.78	ppb
Molybdenum	98-1	1895.75	1952.76	1932.70	1927.07	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.54	5.15	4.99	4.89	6.50	ppb
Phosphorus	31-2	95259.26	96214.97	99703.31	97059.18	2.41	ppb
Potassium	39-2	99703.71	99131.99	101276.20	100037.30	1.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	-0.29	-0.30	-0.30		ppb
Selenium	82-1	-0.22	0.88	0.16	0.27	205.84	ppb
Silicon	28-1	38.71	36.93	36.87	37.50	2.78	ppb
Silver	109-1	0.06	0.06	0.09	0.07	25.83	ppb
Silver	107-1	0.04	0.05	0.08	0.05	36.98	ppb
Sodium	23-2	97200.64	97640.62	99605.03	98148.76	1.30	ppb
Strontium	86-1	32.99	32.95	32.58	32.84	0.69	ppb
Strontium	88-1	33.58	34.07	33.62	33.75	0.80	ppb
Sulfur	34-1	86475.96	85629.86	84137.19	85414.34	1.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.11	0.11	0.10	9.93	ppb
Thallium	205-1	0.10	0.10	0.14	0.11	17.31	ppb
Tin	118-1	0.22	0.19	0.19	0.20	10.33	ppb
Titanium	47-1	1994.86	1994.50	1990.69	1993.35	0.12	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.18	ppb
Vanadium	51-2	0.15	0.15	0.17	0.16	6.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.29	11.02	11.08	11.13	1.27	ppb
Zirconium	90-1	0.04	0.04	0.06	0.04	24.23	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:54:52	DataFile Name :	015ICSA01_P8011018M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.06	0.04	48.54	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:57:59	DataFile Name :	016ICSB_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94085.21	92204.77	91814.69	92701.56	1.31	ppb
Antimony	121-1	21.20	20.54	21.19	20.98	1.79	ppb
Arsenic	75-2	20.51	20.03	20.75	20.43	1.80	ppb
Barium	135-1	21.36	21.21	22.40	21.66	3.00	ppb
Barium	137-1	21.77	21.73	22.27	21.93	1.37	ppb
Beryllium	9-1	20.91	21.35	21.18	21.15	1.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	61.86	61.32	64.99	62.72	3.16	ppb
Boron	11-1	59.74	60.52	64.19	61.48	3.87	ppb
Cadmium	111-1	20.92	20.55	20.79	20.75	0.90	ppb
Cadmium	106-1	26.19	24.03	25.22	25.15	4.32	ppb
Cadmium	108-1	29.07	31.48	28.57	29.71	5.23	ppb
Calcium	43-1	102631.80	101059.93	103568.65	102420.12	1.24	ppb
Calcium	44-1	101465.60	100123.66	101107.65	100898.97	0.69	ppb
Chromium	52-2	40.89	39.68	39.02	39.86	2.38	ppb
Cobalt	59-2	21.48	21.20	21.07	21.25	0.98	ppb
Copper	63-2	27.61	27.05	26.83	27.16	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	102280.45	99489.14	98004.41	99924.67	2.17	ppb
Iron	57-2	100068.51	96975.08	95980.92	97674.84	2.18	ppb
Lead	206-1	25.32	25.06	25.14	25.17	0.52	ppb
Lead	207-1	22.60	23.03	23.21	22.95	1.37	ppb
Lead	208-1	23.84	23.95	23.94	23.91	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	101972.59	96308.18	97351.51	98544.09	3.06	ppb
Manganese	55-2	28.82	27.51	26.63	27.65	3.99	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:57:59	DataFile Name :	016ICSB_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1457.79	1474.61	1479.02	1470.47	0.76	ppb
Molybdenum	95-1	1957.47	1992.40	2006.39	1985.42	1.27	ppb
Molybdenum	96-1	1898.85	1927.75	1937.95	1921.52	1.06	ppb
Molybdenum	97-1	1979.65	1998.62	2025.02	2001.09	1.14	ppb
Molybdenum	98-1	1948.22	1975.35	2004.58	1976.05	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.28	25.27	24.65	25.07	1.43	ppb
Phosphorus	31-2	103731.32	101648.42	98759.05	101379.60	2.46	ppb
Potassium	39-2	106798.69	103316.86	103032.12	104382.56	2.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	42.22	30.27	18.04	30.18	40.06	ppb
Selenium	78-2	19.94	26.48	17.13	21.18	22.66	ppb
Selenium	82-1	19.69	19.76	19.93	19.79	0.61	ppb
Silicon	28-1	100.09	96.19	97.86	98.05	2.00	ppb
Silver	109-1	18.88	18.92	19.35	19.05	1.37	ppb
Silver	107-1	19.30	19.19	19.11	19.20	0.48	ppb
Sodium	23-2	103240.40	100127.11	100974.76	101447.42	1.59	ppb
Strontium	86-1	85.54	85.96	87.81	86.44	1.40	ppb
Strontium	88-1	87.35	88.44	90.42	88.74	1.75	ppb
Sulfur	34-1	87048.87	84642.54	86109.15	85933.52	1.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.32	20.26	19.62	20.07	1.93	ppb
Thallium	205-1	20.63	20.61	20.29	20.51	0.92	ppb
Tin	118-1	53.39	53.12	54.19	53.57	1.04	ppb
Titanium	47-1	2090.35	2033.74	2069.43	2064.51	1.39	ppb
Uranium	238-1	53.53	53.76	53.01	53.43	0.72	ppb
Vanadium	51-2	19.79	19.65	19.59	19.68	0.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.29	31.86	33.89	33.01	3.16	ppb
Zirconium	90-1	55.75	56.44	56.52	56.24	0.76	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:57:59	DataFile Name :	016ICSB_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	54.86	54.39	55.95	55.07	1.46	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:01:06	DataFile Name :	017CCV_P8011018MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49734.61	49596.74	49452.85	49594.74	0.28	ppb
Antimony	121-1	506.28	510.79	506.22	507.77	0.52	ppb
Arsenic	75-2	499.19	502.99	497.96	500.05	0.52	ppb
Barium	135-1	2528.75	2572.39	2543.62	2548.25	0.87	ppb
Barium	137-1	2518.90	2556.67	2523.21	2532.93	0.82	ppb
Beryllium	9-1	520.36	522.89	516.92	520.06	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	508.97	524.33	527.70	520.33	1.92	ppb
Boron	11-1	505.52	519.13	523.33	515.99	1.80	ppb
Cadmium	111-1	497.45	500.94	496.27	498.22	0.49	ppb
Cadmium	106-1	499.73	511.82	494.95	502.17	1.73	ppb
Cadmium	108-1	496.38	501.54	501.48	499.80	0.59	ppb
Calcium	43-1	253359.80	255221.46	255687.31	254756.19	0.48	ppb
Calcium	44-1	251890.39	254392.29	253654.72	253312.47	0.51	ppb
Chromium	52-2	495.38	501.74	497.44	498.19	0.65	ppb
Cobalt	59-2	484.61	490.78	485.61	487.00	0.68	ppb
Copper	63-2	938.76	957.23	936.89	944.29	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121031.89	123296.23	121597.83	121975.31	0.97	ppb
Iron	57-2	119299.83	120578.86	119086.50	119655.06	0.67	ppb
Lead	206-1	518.20	510.70	508.61	512.50	0.98	ppb
Lead	207-1	519.69	515.58	514.48	516.58	0.53	ppb
Lead	208-1	515.13	512.72	512.12	513.32	0.31	ppb
Lithium	6-1						%
Magnesium	24-2	238217.60	241513.78	238686.09	239472.49	0.74	ppb
Manganese	55-2	989.25	993.57	989.91	990.91	0.23	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:01:06	DataFile Name :	017CCV_P8011018MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2546.28	2535.73	2541.58	2541.20	0.21	ppb
Molybdenum	95-1	2550.28	2543.88	2550.91	2548.36	0.15	ppb
Molybdenum	96-1	2547.52	2565.54	2524.71	2545.92	0.80	ppb
Molybdenum	97-1	2539.17	2561.55	2544.14	2548.29	0.46	ppb
Molybdenum	98-1	2547.40	2562.96	2517.87	2542.75	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.32	486.99	485.31	485.54	0.28	ppb
Phosphorus	31-2	9322.77	9086.98	10283.68	9564.48	6.63	ppb
Potassium	39-2	128532.88	127976.42	127473.05	127994.11	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	524.82	523.62	566.23	538.22	4.51	ppb
Selenium	78-2	470.23	466.25	464.96	467.15	0.59	ppb
Selenium	82-1	500.33	506.11	498.52	501.66	0.79	ppb
Silicon	28-1	494.54	506.45	510.47	503.82	1.65	ppb
Silver	109-1	495.86	499.94	495.96	497.25	0.47	ppb
Silver	107-1	501.29	505.79	496.00	501.03	0.98	ppb
Sodium	23-2	243171.58	245234.60	243689.33	244031.84	0.44	ppb
Strontium	86-1	512.41	516.58	510.01	513.00	0.65	ppb
Strontium	88-1	517.57	528.53	512.30	519.47	1.59	ppb
Sulfur	34-1	10082.67	9860.45	9839.79	9927.64	1.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	516.53	523.52	522.43	520.82	0.72	ppb
Thallium	205-1	509.67	510.43	511.25	510.45	0.15	ppb
Tin	118-1	507.19	521.13	514.80	514.37	1.36	ppb
Titanium	47-1	2546.28	2595.19	2564.13	2568.53	0.96	ppb
Uranium	238-1	519.76	516.17	517.61	517.85	0.35	ppb
Vanadium	51-2	499.56	504.68	497.53	500.59	0.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	981.56	1000.03	977.59	986.40	1.21	ppb
Zirconium	90-1	507.85	516.30	514.81	512.99	0.88	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:01:06	DataFile Name :	017CCV_P8011018MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.18	508.92	502.60	504.23	0.82	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:13:40	DataFile Name :	018LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.52	16.39	14.12	16.68	16.26	ppb
Antimony	121-1	1.92	1.89	1.95	1.92	1.39	ppb
Arsenic	75-2	0.89	1.55	0.67	1.04	43.83	ppb
Barium	135-1	9.20	9.29	9.65	9.38	2.55	ppb
Barium	137-1	9.37	9.47	9.52	9.45	0.77	ppb
Beryllium	9-1	1.09	0.91	0.93	0.98	10.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.88	25.63	28.85	27.12	5.99	ppb
Boron	11-1	26.63	24.78	27.63	26.35	5.49	ppb
Cadmium	111-1	0.98	0.98	1.00	0.98	0.99	ppb
Cadmium	106-1	1.56	1.75	1.79	1.70	7.12	ppb
Cadmium	108-1	0.82	0.56	1.27	0.88	40.21	ppb
Calcium	43-1	458.58	451.93	490.07	466.86	4.36	ppb
Calcium	44-1	461.43	469.22	461.35	464.00	0.97	ppb
Chromium	52-2	2.13	2.43	2.28	2.28	6.56	ppb
Cobalt	59-2	0.87	1.05	0.98	0.97	9.46	ppb
Copper	63-2	1.96	1.97	1.93	1.95	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50.23	50.87	52.35	51.15	2.13	ppb
Iron	57-2	51.87	43.95	58.41	51.41	14.09	ppb
Lead	206-1	0.99	1.01	0.96	0.99	2.60	ppb
Lead	207-1	0.96	0.90	1.01	0.95	5.79	ppb
Lead	208-1	0.98	0.95	1.00	0.98	2.29	ppb
Lithium	6-1						%
Magnesium	24-2	486.73	448.21	471.79	468.91	4.14	ppb
Manganese	55-2	1.13	1.22	0.89	1.08	16.01	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:13:40	DataFile Name :	018LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.71	4.91	4.89	4.84	2.30	ppb
Molybdenum	95-1	4.70	4.49	4.50	4.56	2.59	ppb
Molybdenum	96-1	4.56	4.85	4.61	4.68	3.37	ppb
Molybdenum	97-1	4.69	4.62	4.45	4.59	2.70	ppb
Molybdenum	98-1	4.39	4.73	4.73	4.62	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.15	0.98	1.09	8.72	ppb
Phosphorus	31-2	-46.35	-46.35	-46.35	-46.35		ppb
Potassium	39-2	504.50	512.31	504.74	507.18	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.44	0.00	0.00	2.15	173.21	ppb
Selenium	78-2	4.67	4.86	9.77	6.43	45.00	ppb
Selenium	82-1	4.79	5.25	5.45	5.16	6.55	ppb
Silicon	28-1	27.30	14.73	24.18	22.07	29.65	ppb
Silver	109-1	1.01	0.92	1.03	0.99	6.33	ppb
Silver	107-1	0.98	0.96	0.96	0.97	1.19	ppb
Sodium	23-2	507.85	521.18	517.93	515.65	1.35	ppb
Strontium	86-1	0.97	1.10	0.98	1.02	6.78	ppb
Strontium	88-1	0.96	0.95	0.95	0.95	0.80	ppb
Sulfur	34-1	1252.01	-304.72	807.75	585.01	137.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.06	1.01	0.97	1.01	4.33	ppb
Thallium	205-1	0.99	1.00	0.98	0.99	0.63	ppb
Tin	118-1	4.76	4.71	4.57	4.68	2.04	ppb
Titanium	47-1	4.50	4.50	4.39	4.46	1.43	ppb
Uranium	238-1	0.89	0.90	0.92	0.90	2.11	ppb
Vanadium	51-2	4.65	4.75	4.85	4.75	2.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.65	2.38	2.49	2.17	20.96	ppb
Zirconium	90-1	0.96	0.95	0.95	0.95	0.70	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:13:40	DataFile Name :	018LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.78	0.92	1.04	0.92	14.01	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:16:53	DataFile Name :	019CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.84	-4.65	2.51	-1.66		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	23.02	ppb
Arsenic	75-2	0.01	0.01	0.05	0.02	111.82	ppb
Barium	135-1	0.02	0.02	0.03	0.03	15.30	ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.13	0.09	0.09	47.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.68	3.72	4.10	3.83	5.97	ppb
Boron	11-1	4.16	3.78	3.73	3.89	6.03	ppb
Cadmium	111-1	0.04	0.12	-0.01	0.05	125.27	ppb
Cadmium	106-1	0.76	1.56	-0.25	0.69	132.07	ppb
Cadmium	108-1	0.20	0.04	0.04	0.10	95.97	ppb
Calcium	43-1	12.22	1.82	9.54	7.86	68.66	ppb
Calcium	44-1	-4.70	-7.96	-6.47	-6.38		ppb
Chromium	52-2	0.10	0.16	0.12	0.13	23.01	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	1487.62	ppb
Copper	63-2	-0.01	-0.02	-0.02	-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	2.12	1.77	1.90	1.93	9.21	ppb
Iron	57-2	0.80	3.01	2.33	2.05	55.27	ppb
Lead	206-1	0.04	0.02	0.05	0.04	42.42	ppb
Lead	207-1	0.03	0.04	0.04	0.04	14.53	ppb
Lead	208-1	0.04	0.03	0.04	0.04	21.85	ppb
Lithium	6-1						%
Magnesium	24-2	-0.09	7.07	5.01	4.00	92.16	ppb
Manganese	55-2	-0.03	0.07	0.06	0.04	151.65	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:16:53	DataFile Name :	019CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.01	0.03	0.03	40.49	ppb
Molybdenum	95-1	0.05	0.02	0.03	0.03	40.63	ppb
Molybdenum	96-1	0.05	0.02	0.02	0.03	49.14	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	21.68	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	11.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	0.03	0.11	0.01	2279.16	ppb
Phosphorus	31-2	-46.35	-19.67	-20.45	-28.82		ppb
Potassium	39-2	8.12	4.76	5.01	5.96	31.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.30	0.00	0.00	2.10	173.21	ppb
Selenium	78-2	-1.24	-1.24	0.70	-0.59		ppb
Selenium	82-1	-0.14	-0.59	-0.72	-0.48		ppb
Silicon	28-1	-1.98	-2.20	-1.85	-2.01		ppb
Silver	109-1	0.01	0.00	0.00	0.01	101.66	ppb
Silver	107-1	0.00	0.00	0.00	0.00	103.05	ppb
Sodium	23-2	10.09	15.18	18.44	14.57	28.86	ppb
Strontium	86-1	-0.04	-0.03	-0.07	-0.04		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-806.49	-372.73	-263.36	-480.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.06	0.06	0.05	27.48	ppb
Thallium	205-1	0.06	0.05	0.07	0.06	12.77	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	6943.16	ppb
Titanium	47-1	0.13	0.09	0.13	0.11	17.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	138.75	ppb
Vanadium	51-2	0.00	0.03	0.01	0.01	120.18	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.02	-0.07	-0.21	-0.09		ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:16:53	DataFile Name :	019CCBE_P8011018MS.

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

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:20:08	DataFile Name :	020SMPL_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.70	6.09	25.97	14.59	70.26	ppb
Antimony	121-1	1.82	1.79	1.76	1.79	1.60	ppb
Arsenic	75-2	1.14	1.13	1.07	1.11	3.49	ppb
Barium	135-1	8.81	9.13	9.24	9.06	2.46	ppb
Barium	137-1	8.87	9.18	8.89	8.98	1.88	ppb
Beryllium	9-1	0.96	1.00	1.07	1.01	5.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.82	25.13	23.50	24.15	3.57	ppb
Boron	11-1	24.23	23.78	24.41	24.14	1.35	ppb
Cadmium	111-1	0.98	1.01	1.02	1.00	2.27	ppb
Cadmium	106-1	1.45	1.89	0.93	1.42	33.66	ppb
Cadmium	108-1	0.72	1.03	0.89	0.88	18.12	ppb
Calcium	43-1	431.50	436.77	460.63	442.96	3.50	ppb
Calcium	44-1	440.54	437.57	438.54	438.88	0.34	ppb
Chromium	52-2	2.37	2.15	1.93	2.15	10.18	ppb
Cobalt	59-2	0.97	0.89	0.90	0.92	4.62	ppb
Copper	63-2	1.86	1.72	1.76	1.78	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	48.07	47.48	48.07	47.87	0.71	ppb
Iron	57-2	42.15	35.77	47.56	41.82	14.11	ppb
Lead	206-1	0.93	0.96	0.93	0.94	2.27	ppb
Lead	207-1	0.88	0.87	0.87	0.88	0.70	ppb
Lead	208-1	0.91	0.93	0.90	0.91	1.55	ppb
Lithium	6-1						%
Magnesium	24-2	463.82	418.08	423.29	435.06	5.76	ppb
Manganese	55-2	0.97	0.92	0.90	0.93	3.69	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:20:08	DataFile Name :	020SMPL_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.55	4.39	4.72	4.55	3.54	ppb
Molybdenum	95-1	4.39	4.51	4.26	4.39	2.87	ppb
Molybdenum	96-1	4.42	4.40	4.69	4.50	3.55	ppb
Molybdenum	97-1	4.42	4.28	4.53	4.41	2.91	ppb
Molybdenum	98-1	4.59	4.62	4.39	4.53	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.83	0.69	0.83	16.77	ppb
Phosphorus	31-2	-46.35	-20.44	-20.28	-29.02		ppb
Potassium	39-2	458.31	459.22	486.17	467.90	3.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.45	0.00	2.15	173.21	ppb
Selenium	78-2	6.56	9.60	6.54	7.57	23.26	ppb
Selenium	82-1	4.64	4.72	3.94	4.43	9.70	ppb
Silicon	28-1	11.24	11.50	10.85	11.20	2.93	ppb
Silver	109-1	0.89	0.88	0.99	0.92	6.89	ppb
Silver	107-1	0.99	0.87	0.90	0.92	6.93	ppb
Sodium	23-2	476.76	445.14	465.59	462.50	3.47	ppb
Strontium	86-1	0.83	0.93	0.82	0.86	7.35	ppb
Strontium	88-1	0.92	0.89	0.87	0.89	2.84	ppb
Sulfur	34-1	-891.85	-818.55	-654.90	-788.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.97	0.88	0.93	4.62	ppb
Thallium	205-1	0.91	0.90	0.92	0.91	1.28	ppb
Tin	118-1	4.45	4.44	4.45	4.44	0.15	ppb
Titanium	47-1	4.26	4.48	4.50	4.41	3.00	ppb
Uranium	238-1	0.84	0.84	0.87	0.85	1.92	ppb
Vanadium	51-2	4.20	4.06	3.95	4.07	3.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.86	2.08	1.94	1.96	5.68	ppb
Zirconium	90-1	0.98	0.87	0.91	0.92	6.05	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:20:08	DataFile Name :	020SMPL_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.92	1.04	0.97	6.46	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:23:22	DataFile Name :	021LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.54	18.87	21.16	17.85	21.91	ppb
Antimony	121-1	1.84	2.00	1.86	1.90	4.56	ppb
Arsenic	75-2	1.22	1.01	1.07	1.10	9.82	ppb
Barium	135-1	9.54	9.18	9.72	9.48	2.91	ppb
Barium	137-1	9.61	9.79	9.65	9.68	0.99	ppb
Beryllium	9-1	1.09	1.01	1.19	1.10	8.09	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.15	26.55	28.50	26.74	6.29	ppb
Boron	11-1	26.42	26.96	27.71	27.03	2.40	ppb
Cadmium	111-1	0.87	1.14	1.17	1.06	15.58	ppb
Cadmium	106-1	0.68	1.98	1.58	1.41	46.85	ppb
Cadmium	108-1	1.10	1.16	1.09	1.12	3.42	ppb
Calcium	43-1	507.49	476.57	472.93	485.66	3.91	ppb
Calcium	44-1	480.53	475.44	485.52	480.50	1.05	ppb
Chromium	52-2	2.39	2.30	2.17	2.29	4.79	ppb
Cobalt	59-2	0.95	1.01	1.03	0.99	3.81	ppb
Copper	63-2	1.99	2.16	1.97	2.04	5.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	51.72	50.89	51.84	51.48	1.00	ppb
Iron	57-2	47.50	52.52	54.10	51.37	6.71	ppb
Lead	206-1	0.96	1.04	0.93	0.98	5.68	ppb
Lead	207-1	0.93	0.97	0.94	0.95	2.10	ppb
Lead	208-1	0.97	0.97	0.98	0.98	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	464.73	462.26	481.34	469.44	2.21	ppb
Manganese	55-2	0.99	1.10	1.19	1.09	9.41	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:23:22	DataFile Name :	021LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.74	4.94	5.05	4.91	3.18	ppb
Molybdenum	95-1	4.82	4.75	4.77	4.78	0.73	ppb
Molybdenum	96-1	4.76	4.63	4.68	4.69	1.44	ppb
Molybdenum	97-1	4.57	4.93	4.78	4.76	3.82	ppb
Molybdenum	98-1	4.79	4.75	4.90	4.82	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	0.84	1.08	1.01	14.42	ppb
Phosphorus	31-2	-46.35	-20.17	-46.35	-37.62		ppb
Potassium	39-2	504.26	516.32	520.11	513.56	1.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.33	12.64	12.76	10.57	34.79	ppb
Selenium	78-2	5.53	5.51	0.71	3.92	70.95	ppb
Selenium	82-1	5.05	4.80	3.99	4.61	12.01	ppb
Silicon	28-1	12.47	12.30	13.39	12.72	4.63	ppb
Silver	109-1	1.02	1.02	1.12	1.06	5.42	ppb
Silver	107-1	0.97	1.02	1.01	1.00	2.39	ppb
Sodium	23-2	498.02	492.48	528.00	506.17	3.78	ppb
Strontium	86-1	0.92	1.05	0.99	0.99	6.86	ppb
Strontium	88-1	0.97	0.98	1.00	0.98	1.57	ppb
Sulfur	34-1	-633.91	-1045.65	-804.94	-828.16		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.00	1.01	0.98	1.00	1.31	ppb
Thallium	205-1	0.97	1.03	1.03	1.01	3.37	ppb
Tin	118-1	4.68	4.85	4.89	4.81	2.31	ppb
Titanium	47-1	4.64	4.59	4.83	4.69	2.67	ppb
Uranium	238-1	0.87	0.92	0.93	0.91	3.41	ppb
Vanadium	51-2	5.03	4.90	4.74	4.89	2.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.86	2.01	1.96	1.94	3.83	ppb
Zirconium	90-1	0.97	0.98	0.96	0.97	0.97	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:23:22	DataFile Name :	021LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.92	0.99	0.96	3.76	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:26:35	DataFile Name :	022LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.20	10.54	20.70	22.14	55.97	ppb
Antimony	121-1	1.85	1.87	1.87	1.86	0.51	ppb
Arsenic	75-2	0.85	0.99	0.98	0.94	8.44	ppb
Barium	135-1	9.47	9.72	9.34	9.51	2.02	ppb
Barium	137-1	9.91	9.65	9.49	9.68	2.20	ppb
Beryllium	9-1	0.99	1.04	1.04	1.03	2.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.22	26.54	22.91	24.22	8.30	ppb
Boron	11-1	24.85	25.93	27.53	26.11	5.17	ppb
Cadmium	111-1	1.01	1.01	1.08	1.03	3.67	ppb
Cadmium	106-1	1.76	0.89	2.74	1.80	51.27	ppb
Cadmium	108-1	1.07	1.24	1.09	1.13	8.42	ppb
Calcium	43-1	462.45	486.10	434.94	461.16	5.55	ppb
Calcium	44-1	473.06	462.99	469.07	468.37	1.08	ppb
Chromium	52-2	2.15	2.43	2.15	2.24	7.30	ppb
Cobalt	59-2	1.04	1.03	0.95	1.00	5.07	ppb
Copper	63-2	2.09	1.99	1.94	2.01	3.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.48	51.98	50.24	50.57	2.54	ppb
Iron	57-2	44.13	43.60	52.03	46.59	10.14	ppb
Lead	206-1	0.93	0.97	0.97	0.96	2.76	ppb
Lead	207-1	0.92	0.88	0.95	0.92	3.42	ppb
Lead	208-1	0.95	0.95	0.94	0.95	0.43	ppb
Lithium	6-1						%
Magnesium	24-2	489.02	481.67	471.34	480.68	1.85	ppb
Manganese	55-2	1.03	1.19	1.17	1.13	7.78	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:26:35	DataFile Name :	022LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.11	4.91	4.79	4.94	3.23	ppb
Molybdenum	95-1	4.79	4.60	4.67	4.69	2.10	ppb
Molybdenum	96-1	4.57	4.64	4.56	4.59	0.89	ppb
Molybdenum	97-1	4.63	4.72	4.81	4.72	1.85	ppb
Molybdenum	98-1	4.86	4.76	4.71	4.77	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.18	1.13	1.22	10.08	ppb
Phosphorus	31-2	-46.35	-18.88	-20.15	-28.46		ppb
Potassium	39-2	499.57	541.29	486.86	509.24	5.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.02	12.92	0.00	6.65	97.30	ppb
Selenium	78-2	1.99	7.64	2.60	4.07	76.09	ppb
Selenium	82-1	4.55	4.70	4.95	4.73	4.31	ppb
Silicon	28-1	13.45	9.71	11.80	11.65	16.11	ppb
Silver	109-1	1.00	1.02	0.96	0.99	3.04	ppb
Silver	107-1	1.06	0.94	0.99	1.00	6.14	ppb
Sodium	23-2	523.05	521.75	491.03	511.94	3.54	ppb
Strontium	86-1	0.92	0.82	0.86	0.87	5.96	ppb
Strontium	88-1	1.00	0.97	0.95	0.98	2.42	ppb
Sulfur	34-1	-974.74	-1191.42	-1063.02	-1076.39		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.00	0.89	0.88	0.92	7.34	ppb
Thallium	205-1	1.00	1.00	0.98	1.00	1.25	ppb
Tin	118-1	4.77	4.84	4.82	4.81	0.71	ppb
Titanium	47-1	4.70	5.09	4.43	4.74	6.97	ppb
Uranium	238-1	0.89	0.89	0.87	0.88	1.40	ppb
Vanadium	51-2	4.60	4.64	4.73	4.65	1.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.73	2.03	2.10	1.95	10.24	ppb
Zirconium	90-1	0.95	0.97	0.96	0.96	1.03	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:26:35	DataFile Name :	022LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.91	0.87	0.90	3.07	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:33:02	DataFile Name :	024LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.51	19.89	11.31	19.91	43.21	ppb
Antimony	121-1	1.95	1.92	1.93	1.93	0.75	ppb
Arsenic	75-2	0.72	1.02	0.89	0.87	17.07	ppb
Barium	135-1	9.65	9.50	9.70	9.62	1.10	ppb
Barium	137-1	9.65	9.52	9.57	9.58	0.68	ppb
Beryllium	9-1	1.30	1.08	1.11	1.16	10.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.13	23.88	26.43	25.15	5.06	ppb
Boron	11-1	26.37	24.77	25.83	25.66	3.19	ppb
Cadmium	111-1	1.09	0.97	1.01	1.02	5.66	ppb
Cadmium	106-1	2.61	1.78	2.18	2.19	18.99	ppb
Cadmium	108-1	0.94	1.13	0.58	0.89	31.46	ppb
Calcium	43-1	474.01	442.86	460.06	458.98	3.40	ppb
Calcium	44-1	466.28	463.17	463.26	464.24	0.38	ppb
Chromium	52-2	2.42	2.22	2.21	2.28	5.15	ppb
Cobalt	59-2	0.93	1.02	0.97	0.97	4.27	ppb
Copper	63-2	1.84	1.89	1.92	1.88	2.09	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	50.39	49.77	49.15	49.77	1.24	ppb
Iron	57-2	48.55	55.42	45.75	49.91	9.97	ppb
Lead	206-1	0.92	0.89	1.05	0.95	8.66	ppb
Lead	207-1	0.95	0.92	0.90	0.92	2.31	ppb
Lead	208-1	0.96	0.94	0.95	0.95	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	482.47	490.17	498.65	490.43	1.65	ppb
Manganese	55-2	0.87	1.02	0.89	0.93	8.84	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:33:02	DataFile Name :	024LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.02	4.84	5.19	5.02	3.54	ppb
Molybdenum	95-1	4.72	4.77	4.80	4.76	0.82	ppb
Molybdenum	96-1	4.55	4.78	4.72	4.69	2.54	ppb
Molybdenum	97-1	4.71	4.96	4.60	4.75	3.87	ppb
Molybdenum	98-1	4.83	4.78	4.78	4.80	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.11	1.10	1.08	4.22	ppb
Phosphorus	31-2	-46.35	-20.98	-20.68	-29.34		ppb
Potassium	39-2	516.36	503.63	501.10	507.03	1.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.30	0.00	12.19	8.16	86.61	ppb
Selenium	78-2	7.21	6.33	5.27	6.27	15.46	ppb
Selenium	82-1	4.49	4.89	3.97	4.45	10.31	ppb
Silicon	28-1	7.55	7.62	10.39	8.52	19.05	ppb
Silver	109-1	1.04	0.98	0.96	0.99	3.97	ppb
Silver	107-1	1.00	0.99	1.00	1.00	0.72	ppb
Sodium	23-2	501.53	484.11	525.68	503.77	4.14	ppb
Strontium	86-1	0.90	0.93	1.00	0.94	5.29	ppb
Strontium	88-1	0.96	0.98	0.98	0.97	1.13	ppb
Sulfur	34-1	-896.98	-1241.28	-1038.62	-1058.96		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.96	0.89	0.93	3.93	ppb
Thallium	205-1	0.95	0.98	1.00	0.98	2.34	ppb
Tin	118-1	4.90	4.99	4.77	4.89	2.27	ppb
Titanium	47-1	4.48	4.35	4.92	4.58	6.55	ppb
Uranium	238-1	0.93	0.89	0.92	0.91	2.05	ppb
Vanadium	51-2	4.72	4.63	4.68	4.68	0.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.41	2.21	1.34	1.99	28.63	ppb
Zirconium	90-1	1.00	0.96	1.03	1.00	3.27	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:33:02	DataFile Name :	024LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.94	0.98	0.99	0.97	2.80	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:36:15	DataFile Name :	025LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.62	16.00	22.45	18.69	17.95	ppb
Antimony	121-1	1.91	1.92	1.95	1.93	1.21	ppb
Arsenic	75-2	1.18	1.17	1.19	1.18	0.69	ppb
Barium	135-1	9.47	9.13	9.49	9.36	2.17	ppb
Barium	137-1	9.77	9.51	9.29	9.52	2.52	ppb
Beryllium	9-1	1.10	1.18	1.04	1.11	6.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.74	25.71	26.00	26.82	6.23	ppb
Boron	11-1	24.59	24.59	26.37	25.18	4.09	ppb
Cadmium	111-1	1.09	1.06	1.04	1.06	2.70	ppb
Cadmium	106-1	1.75	1.98	2.49	2.07	18.23	ppb
Cadmium	108-1	0.75	1.01	1.09	0.95	18.94	ppb
Calcium	43-1	453.33	484.88	453.17	463.79	3.94	ppb
Calcium	44-1	464.03	460.06	465.59	463.22	0.62	ppb
Chromium	52-2	2.14	1.82	2.08	2.01	8.31	ppb
Cobalt	59-2	0.97	0.95	0.91	0.94	3.43	ppb
Copper	63-2	1.86	1.92	1.63	1.80	8.65	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	48.47	49.88	47.58	48.64	2.39	ppb
Iron	57-2	54.60	46.83	51.99	51.14	7.73	ppb
Lead	206-1	0.89	0.95	0.99	0.94	5.16	ppb
Lead	207-1	0.95	0.94	0.91	0.94	1.91	ppb
Lead	208-1	0.93	0.95	0.95	0.94	1.24	ppb
Lithium	6-1						%
Magnesium	24-2	460.72	442.37	447.27	450.12	2.11	ppb
Manganese	55-2	1.19	1.32	0.98	1.17	14.61	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:36:15	DataFile Name :	025LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.98	4.94	4.72	4.88	2.94	ppb
Molybdenum	95-1	4.75	4.91	4.72	4.79	2.13	ppb
Molybdenum	96-1	4.53	4.78	4.90	4.74	3.99	ppb
Molybdenum	97-1	4.67	4.67	4.72	4.69	0.71	ppb
Molybdenum	98-1	4.62	4.72	4.71	4.68	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.96	0.98	0.94	5.94	ppb
Phosphorus	31-2	-46.35	-46.35	-46.35	-46.35		ppb
Potassium	39-2	470.23	466.18	471.75	469.39	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.10	18.29	12.35	12.25	49.76	ppb
Selenium	78-2	4.36	3.42	7.25	5.01	39.86	ppb
Selenium	82-1	5.63	4.47	4.03	4.71	17.59	ppb
Silicon	28-1	8.15	6.83	9.65	8.21	17.17	ppb
Silver	109-1	0.97	1.04	0.99	1.00	3.43	ppb
Silver	107-1	1.08	0.95	0.95	0.99	7.44	ppb
Sodium	23-2	469.60	487.03	449.91	468.85	3.96	ppb
Strontium	86-1	0.95	0.82	0.87	0.88	7.70	ppb
Strontium	88-1	0.94	1.00	0.94	0.96	3.54	ppb
Sulfur	34-1	-1285.64	-1244.74	-1155.66	-1228.68		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.92	0.93	0.98	0.94	3.21	ppb
Thallium	205-1	0.92	0.95	0.95	0.94	1.45	ppb
Tin	118-1	4.88	4.68	4.69	4.75	2.41	ppb
Titanium	47-1	5.29	4.41	4.33	4.67	11.40	ppb
Uranium	238-1	0.91	0.90	0.91	0.91	0.49	ppb
Vanadium	51-2	4.90	4.57	4.82	4.76	3.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.31	2.28	1.65	1.75	28.18	ppb
Zirconium	90-1	0.99	0.94	0.97	0.97	2.61	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:36:15	DataFile Name :	025LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	1.01	0.96	0.98	2.85	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:39:28	DataFile Name :	026LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.48	25.43	14.68	17.53	39.51	ppb
Antimony	121-1	1.90	1.93	1.84	1.89	2.45	ppb
Arsenic	75-2	1.02	0.96	1.16	1.04	9.95	ppb
Barium	135-1	9.39	9.39	9.96	9.58	3.46	ppb
Barium	137-1	9.63	9.55	9.44	9.54	0.97	ppb
Beryllium	9-1	1.06	1.20	1.11	1.12	5.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.21	23.29	28.76	26.42	10.68	ppb
Boron	11-1	24.93	24.39	25.44	24.92	2.11	ppb
Cadmium	111-1	1.09	1.02	0.94	1.02	7.28	ppb
Cadmium	106-1	1.83	2.38	0.84	1.68	46.61	ppb
Cadmium	108-1	0.63	1.18	0.82	0.88	32.06	ppb
Calcium	43-1	480.45	482.30	458.35	473.70	2.81	ppb
Calcium	44-1	464.42	458.57	464.44	462.48	0.73	ppb
Chromium	52-2	2.16	2.25	1.96	2.12	7.00	ppb
Cobalt	59-2	0.91	1.02	0.91	0.95	6.31	ppb
Copper	63-2	1.81	1.92	1.93	1.89	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.41	48.04	49.20	48.88	1.51	ppb
Iron	57-2	43.62	47.70	44.79	45.37	4.63	ppb
Lead	206-1	0.95	0.95	0.94	0.95	0.88	ppb
Lead	207-1	0.94	0.94	0.92	0.93	1.05	ppb
Lead	208-1	0.96	0.93	0.95	0.95	1.43	ppb
Lithium	6-1						%
Magnesium	24-2	471.62	481.83	463.35	472.27	1.96	ppb
Manganese	55-2	1.07	0.83	0.84	0.91	14.57	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:39:28	DataFile Name :	026LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.85	4.68	4.74	4.76	1.81	ppb
Molybdenum	95-1	4.77	4.83	4.57	4.72	2.91	ppb
Molybdenum	96-1	4.72	5.00	4.82	4.85	2.98	ppb
Molybdenum	97-1	4.85	5.00	4.87	4.91	1.71	ppb
Molybdenum	98-1	4.78	4.85	4.75	4.79	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	0.94	1.02	1.05	12.92	ppb
Phosphorus	31-2	3.27	-20.75	-20.92	-12.80		ppb
Potassium	39-2	499.48	475.39	511.85	495.57	3.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.12	2.04	173.21	ppb
Selenium	78-2	1.55	6.22	8.12	5.30	63.87	ppb
Selenium	82-1	5.37	4.78	4.68	4.94	7.56	ppb
Silicon	28-1	11.77	9.62	8.39	9.93	17.22	ppb
Silver	109-1	0.93	1.01	0.99	0.97	4.27	ppb
Silver	107-1	1.03	0.96	0.92	0.97	5.45	ppb
Sodium	23-2	454.61	497.47	487.18	479.75	4.66	ppb
Strontium	86-1	0.94	1.05	0.83	0.94	11.77	ppb
Strontium	88-1	0.97	0.94	0.95	0.96	1.77	ppb
Sulfur	34-1	-500.73	-811.51	-1224.48	-845.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.99	0.96	0.93	0.96	3.02	ppb
Thallium	205-1	0.96	0.97	0.91	0.95	3.47	ppb
Tin	118-1	4.64	4.66	4.69	4.67	0.59	ppb
Titanium	47-1	4.39	5.00	4.81	4.74	6.59	ppb
Uranium	238-1	0.88	0.91	0.91	0.90	1.73	ppb
Vanadium	51-2	4.62	4.71	4.78	4.70	1.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.82	1.71	2.09	1.87	10.55	ppb
Zirconium	90-1	1.08	0.96	0.94	0.99	7.33	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:39:28	DataFile Name :	026LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.87	0.90	0.92	5.66	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:45:51	DataFile Name :	028LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.15	18.84	7.68	14.89	42.00	ppb
Antimony	121-1	1.95	1.92	1.84	1.90	3.12	ppb
Arsenic	75-2	0.97	0.95	0.92	0.95	2.45	ppb
Barium	135-1	9.41	9.40	9.96	9.59	3.35	ppb
Barium	137-1	9.57	9.20	9.72	9.50	2.81	ppb
Beryllium	9-1	0.98	0.88	0.93	0.93	5.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.38	22.03	24.68	24.70	10.83	ppb
Boron	11-1	24.99	25.66	24.78	25.14	1.83	ppb
Cadmium	111-1	1.02	0.95	0.94	0.97	4.39	ppb
Cadmium	106-1	1.78	1.18	0.10	1.02	83.15	ppb
Cadmium	108-1	1.18	0.91	1.34	1.14	19.29	ppb
Calcium	43-1	503.91	444.19	469.54	472.55	6.34	ppb
Calcium	44-1	456.21	446.05	457.04	453.10	1.35	ppb
Chromium	52-2	1.92	2.20	2.01	2.04	6.95	ppb
Cobalt	59-2	0.92	0.98	0.98	0.96	3.85	ppb
Copper	63-2	1.75	2.02	1.97	1.91	7.31	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	47.57	50.43	48.83	48.94	2.93	ppb
Iron	57-2	58.02	49.82	31.55	46.46	29.17	ppb
Lead	206-1	0.90	0.94	0.92	0.92	2.19	ppb
Lead	207-1	0.86	0.91	0.95	0.90	4.85	ppb
Lead	208-1	0.88	0.92	0.94	0.92	3.18	ppb
Lithium	6-1						%
Magnesium	24-2	458.88	457.95	465.63	460.82	0.91	ppb
Manganese	55-2	1.02	0.94	0.94	0.97	4.93	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:45:51	DataFile Name :	028LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.88	4.65	4.53	4.69	3.83	ppb
Molybdenum	95-1	4.38	4.40	4.33	4.37	0.87	ppb
Molybdenum	96-1	4.37	4.71	4.61	4.57	3.86	ppb
Molybdenum	97-1	4.73	4.56	4.33	4.54	4.42	ppb
Molybdenum	98-1	4.69	4.79	4.56	4.68	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.02	1.34	1.14	15.53	ppb
Phosphorus	31-2	4.45	-46.35	-46.35	-29.42		ppb
Potassium	39-2	500.09	489.66	469.76	486.50	3.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.17	2.06	173.21	ppb
Selenium	78-2	6.31	4.43	4.42	5.05	21.61	ppb
Selenium	82-1	4.80	5.78	4.61	5.06	12.39	ppb
Silicon	28-1	9.87	8.17	10.94	9.66	14.46	ppb
Silver	109-1	0.95	0.97	0.90	0.94	3.95	ppb
Silver	107-1	0.97	0.95	1.00	0.97	2.56	ppb
Sodium	23-2	480.43	498.46	479.90	486.26	2.17	ppb
Strontium	86-1	0.88	0.87	0.76	0.84	7.82	ppb
Strontium	88-1	0.89	0.96	0.94	0.93	3.81	ppb
Sulfur	34-1	-586.87	-865.90	-459.34	-637.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.92	0.93	0.93	0.48	ppb
Thallium	205-1	0.98	0.91	0.98	0.95	4.37	ppb
Tin	118-1	4.82	4.74	4.84	4.80	1.13	ppb
Titanium	47-1	4.48	4.40	4.32	4.40	1.84	ppb
Uranium	238-1	0.89	0.89	0.88	0.89	1.10	ppb
Vanadium	51-2	4.79	4.91	4.71	4.80	2.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.81	2.20	1.45	1.82	20.39	ppb
Zirconium	90-1	0.97	0.98	0.95	0.97	1.61	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:45:51	DataFile Name :	028LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.00	0.96	0.98	0.98	1.97	ppb

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 16:49:04 DataFile Name : 029CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.88	2.56	2.43	0.70	443.86	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.10	0.01	0.05	0.05	84.95	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.04	-0.02	-0.04	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.49	2.00	2.40	2.30	11.29	ppb
Boron	11-1	3.14	2.41	2.53	2.69	14.51	ppb
Cadmium	111-1	0.01	0.01	0.07	0.03	109.40	ppb
Cadmium	106-1	0.15	0.11	0.95	0.40	117.60	ppb
Cadmium	108-1	0.00	0.08	-0.04	0.02	400.92	ppb
Calcium	43-1	-2.57	-7.46	-8.64	-6.22		ppb
Calcium	44-1	-11.69	-9.73	-6.59	-9.33		ppb
Chromium	52-2	0.09	0.16	0.10	0.12	33.19	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.04	-0.01	-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	0.32	1.14	0.61	0.69	60.13	ppb
Iron	57-2	1.24	4.99	1.24	2.49	86.91	ppb
Lead	206-1	0.02	0.00	0.00	0.00	273.93	ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	0.36	6.64	-3.33	1.22	413.25	ppb
Manganese	55-2	-0.01	0.05	-0.01	0.01	376.17	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:49:04	DataFile Name :	029CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.02	0.00	0.00	1685.92	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	143.71	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	170.22	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	2.62	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	0.04	-0.01	-0.03		ppb
Phosphorus	31-2	-46.35	-46.35	-20.76	-37.82		ppb
Potassium	39-2	-3.45	28.77	3.36	9.56	177.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.68	-1.24	-1.24	-0.60		ppb
Selenium	82-1	0.28	-0.15	0.92	0.35	153.10	ppb
Silicon	28-1	-3.09	-2.37	7.92	0.82	752.59	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	154.33	ppb
Sodium	23-2	-5.05	17.40	4.99	5.78	194.52	ppb
Strontium	86-1	0.04	-0.05	-0.01	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-306.58	-507.70	-430.25	-414.84		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.00	186.78	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	35.30	ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb
Titanium	47-1	0.09	-0.04	0.15	0.06	145.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	151.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.27	-0.21	-0.15	-0.21		ppb
Zirconium	90-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:49:04	DataFile Name :	029CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.00	0.00	1450.61	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:52:15	DataFile Name :	030LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.70	16.42	24.08	17.73	32.72	ppb
Antimony	121-1	1.90	1.92	1.95	1.93	1.41	ppb
Arsenic	75-2	1.14	1.06	0.87	1.02	13.63	ppb
Barium	135-1	9.50	9.46	9.08	9.34	2.48	ppb
Barium	137-1	9.52	9.39	8.98	9.30	3.06	ppb
Beryllium	9-1	1.05	0.93	1.00	0.99	6.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.99	23.95	24.68	23.54	5.90	ppb
Boron	11-1	23.43	23.68	23.17	23.43	1.07	ppb
Cadmium	111-1	1.06	0.89	1.01	0.98	9.04	ppb
Cadmium	106-1	1.96	0.66	1.35	1.32	49.02	ppb
Cadmium	108-1	0.96	1.12	1.03	1.04	7.51	ppb
Calcium	43-1	446.80	482.90	455.44	461.71	4.08	ppb
Calcium	44-1	460.20	456.89	466.12	461.07	1.01	ppb
Chromium	52-2	2.01	2.12	1.89	2.00	5.75	ppb
Cobalt	59-2	1.06	1.03	1.11	1.06	3.70	ppb
Copper	63-2	1.83	1.88	1.91	1.87	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.09	48.50	49.77	48.45	2.77	ppb
Iron	57-2	49.27	46.29	44.78	46.78	4.89	ppb
Lead	206-1	0.90	0.92	0.90	0.91	1.44	ppb
Lead	207-1	0.89	0.91	0.88	0.89	1.92	ppb
Lead	208-1	0.88	0.92	0.92	0.91	2.45	ppb
Lithium	6-1						%
Magnesium	24-2	466.55	449.69	487.73	467.99	4.07	ppb
Manganese	55-2	1.14	1.17	1.05	1.12	5.52	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:52:15	DataFile Name :	030LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.77	4.68	4.72	4.72	0.99	ppb
Molybdenum	95-1	4.65	4.54	4.67	4.62	1.52	ppb
Molybdenum	96-1	4.65	4.42	4.89	4.65	5.08	ppb
Molybdenum	97-1	4.67	4.65	4.46	4.59	2.48	ppb
Molybdenum	98-1	4.57	4.59	4.80	4.66	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.04	1.11	1.06	4.59	ppb
Phosphorus	31-2	-21.24	-46.35	-46.35	-37.98		ppb
Potassium	39-2	452.77	514.51	482.69	483.33	6.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.25	0.00	0.00	2.08	173.21	ppb
Selenium	78-2	8.32	2.54	9.28	6.71	54.28	ppb
Selenium	82-1	4.98	4.89	5.22	5.03	3.33	ppb
Silicon	28-1	12.56	13.29	12.22	12.69	4.33	ppb
Silver	109-1	1.01	1.03	0.93	0.99	5.20	ppb
Silver	107-1	0.95	1.06	1.05	1.02	5.67	ppb
Sodium	23-2	462.01	478.19	470.73	470.31	1.72	ppb
Strontium	86-1	0.97	0.92	0.81	0.90	9.38	ppb
Strontium	88-1	0.98	0.94	0.94	0.95	2.17	ppb
Sulfur	34-1	-445.42	-169.40	-407.43	-340.75		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.93	0.99	0.96	3.31	ppb
Thallium	205-1	0.92	0.98	0.96	0.95	3.42	ppb
Tin	118-1	4.82	4.79	4.56	4.72	2.94	ppb
Titanium	47-1	4.77	4.62	4.68	4.69	1.64	ppb
Uranium	238-1	0.86	0.82	0.92	0.87	5.57	ppb
Vanadium	51-2	4.61	4.38	4.49	4.49	2.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.85	1.91	2.59	2.12	19.38	ppb
Zirconium	90-1	1.08	0.99	0.96	1.01	6.54	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:52:15	DataFile Name :	030LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	0.92	0.84	0.93	8.95	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:55:28	DataFile Name :	031LCS6_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9730.56	10028.95	9688.41	9815.97	1.89	ppb
Antimony	121-1	504.07	508.09	505.40	505.85	0.41	ppb
Arsenic	75-2	496.67	500.61	501.17	499.48	0.49	ppb
Barium	135-1	2515.08	2533.72	2524.25	2524.35	0.37	ppb
Barium	137-1	2524.10	2513.38	2537.67	2525.05	0.48	ppb
Beryllium	9-1	512.69	512.38	511.68	512.25	0.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	485.32	493.85	496.33	491.83	1.17	ppb
Boron	11-1	480.12	488.95	499.55	489.54	1.99	ppb
Cadmium	111-1	506.95	508.37	503.16	506.16	0.53	ppb
Cadmium	106-1	509.80	505.12	507.67	507.53	0.46	ppb
Cadmium	108-1	509.66	504.60	494.86	503.04	1.50	ppb
Calcium	43-1	50208.04	50184.67	50255.09	50215.93	0.07	ppb
Calcium	44-1	50359.51	50407.14	50076.07	50280.91	0.36	ppb
Chromium	52-2	491.60	510.67	502.01	501.43	1.90	ppb
Cobalt	59-2	485.13	512.17	498.95	498.75	2.71	ppb
Copper	63-2	963.73	1007.25	992.27	987.75	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24670.37	25910.61	25569.62	25383.53	2.52	ppb
Iron	57-2	24068.19	25386.81	24892.42	24782.47	2.69	ppb
Lead	206-1	499.41	510.60	503.17	504.40	1.13	ppb
Lead	207-1	495.74	509.59	503.44	502.92	1.38	ppb
Lead	208-1	498.64	510.56	504.30	504.50	1.18	ppb
Lithium	6-1						%
Magnesium	24-2	49351.75	51007.99	49022.89	49794.21	2.14	ppb
Manganese	55-2	974.74	1020.30	1010.68	1001.91	2.40	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:55:28	DataFile Name :	031LCS6_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2501.26	2498.42	2529.89	2509.86	0.69	ppb
Molybdenum	95-1	2516.92	2490.88	2517.28	2508.36	0.60	ppb
Molybdenum	96-1	2496.68	2488.68	2524.89	2503.41	0.76	ppb
Molybdenum	97-1	2519.75	2505.61	2516.92	2514.09	0.30	ppb
Molybdenum	98-1	2511.99	2482.12	2507.01	2500.37	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.99	510.17	495.70	496.28	2.74	ppb
Phosphorus	31-2	9142.33	10963.86	9735.12	9947.10	9.34	ppb
Potassium	39-2	25102.09	26135.28	25887.40	25708.26	2.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	525.93	620.06	478.67	541.55	13.29	ppb
Selenium	78-2	483.30	534.17	486.52	501.33	5.68	ppb
Selenium	82-1	499.24	493.91	496.37	496.51	0.54	ppb
Silicon	28-1	554.78	557.39	558.24	556.80	0.32	ppb
Silver	109-1	511.47	514.21	511.91	512.53	0.29	ppb
Silver	107-1	513.52	517.57	506.53	512.54	1.09	ppb
Sodium	23-2	50595.85	52845.58	51923.72	51788.38	2.18	ppb
Strontium	86-1	493.69	496.47	497.80	495.99	0.42	ppb
Strontium	88-1	497.78	498.33	504.41	500.17	0.74	ppb
Sulfur	34-1	9937.09	9526.30	9390.23	9617.87	2.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	491.81	512.31	508.16	504.09	2.15	ppb
Thallium	205-1	492.20	507.37	504.10	501.22	1.59	ppb
Tin	118-1	508.93	512.71	507.35	509.66	0.54	ppb
Titanium	47-1	2516.93	2494.91	2487.70	2499.85	0.61	ppb
Uranium	238-1	488.47	496.34	492.74	492.51	0.80	ppb
Vanadium	51-2	484.31	513.21	501.89	499.80	2.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	964.55	1016.24	1013.55	998.11	2.91	ppb
Zirconium	90-1	506.21	503.00	506.13	505.11	0.36	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:55:28	DataFile Name :	031LCS6_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.03	486.04	491.83	489.30	0.61	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:58:31	DataFile Name :	032CCV_P8011018MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47971.24	49744.01	49914.06	49209.77	2.19	ppb
Antimony	121-1	516.21	517.44	510.26	514.64	0.75	ppb
Arsenic	75-2	494.52	506.09	510.16	503.59	1.61	ppb
Barium	135-1	2584.94	2592.97	2542.75	2573.55	1.05	ppb
Barium	137-1	2560.98	2564.46	2517.33	2547.59	1.03	ppb
Beryllium	9-1	531.11	529.44	529.19	529.91	0.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	521.50	526.04	550.55	532.70	2.93	ppb
Boron	11-1	521.39	544.50	544.69	536.86	2.50	ppb
Cadmium	111-1	501.70	503.47	492.58	499.25	1.17	ppb
Cadmium	106-1	497.62	509.12	491.46	499.40	1.79	ppb
Cadmium	108-1	499.19	498.86	493.46	497.17	0.65	ppb
Calcium	43-1	254227.72	249601.00	250078.52	251302.41	1.01	ppb
Calcium	44-1	253121.40	249756.64	251061.59	251313.21	0.68	ppb
Chromium	52-2	491.30	505.34	502.69	499.78	1.49	ppb
Cobalt	59-2	481.75	491.82	495.26	489.61	1.43	ppb
Copper	63-2	933.51	951.67	960.23	948.47	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120494.07	123972.57	124323.41	122930.02	1.72	ppb
Iron	57-2	118688.52	120077.50	121006.22	119924.08	0.97	ppb
Lead	206-1	514.31	505.83	508.24	509.46	0.86	ppb
Lead	207-1	506.33	508.57	514.14	509.68	0.79	ppb
Lead	208-1	507.22	506.45	514.51	509.39	0.87	ppb
Lithium	6-1						%
Magnesium	24-2	239070.92	240830.82	243815.90	241239.21	0.99	ppb
Manganese	55-2	979.14	1003.80	999.00	993.98	1.32	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:58:31	DataFile Name :	032CCV_P8011018MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2552.79	2526.08	2524.73	2534.53	0.62	ppb
Molybdenum	95-1	2540.58	2551.73	2502.29	2531.53	1.02	ppb
Molybdenum	96-1	2541.47	2541.22	2532.30	2538.33	0.21	ppb
Molybdenum	97-1	2558.27	2524.87	2541.99	2541.71	0.66	ppb
Molybdenum	98-1	2554.86	2499.09	2518.97	2524.31	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.66	490.12	488.88	485.56	1.41	ppb
Phosphorus	31-2	9169.34	10264.11	9788.96	9740.80	5.64	ppb
Potassium	39-2	127466.14	129032.17	128385.42	128294.57	0.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	552.89	461.66	484.46	499.67	9.50	ppb
Selenium	78-2	476.38	485.21	507.67	489.75	3.29	ppb
Selenium	82-1	498.02	493.42	490.62	494.02	0.76	ppb
Silicon	28-1	498.19	488.09	489.84	492.04	1.10	ppb
Silver	109-1	511.75	500.08	494.31	502.05	1.77	ppb
Silver	107-1	511.43	503.83	495.10	503.45	1.62	ppb
Sodium	23-2	243436.22	247747.51	247335.53	246173.09	0.97	ppb
Strontium	86-1	514.88	510.67	509.10	511.55	0.58	ppb
Strontium	88-1	522.74	515.12	515.24	517.70	0.84	ppb
Sulfur	34-1	9543.48	9045.29	8978.36	9189.04	3.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	512.66	508.62	517.77	513.02	0.89	ppb
Thallium	205-1	511.81	507.65	510.01	509.83	0.41	ppb
Tin	118-1	522.96	516.97	506.59	515.51	1.61	ppb
Titanium	47-1	2573.49	2483.04	2509.24	2521.92	1.85	ppb
Uranium	238-1	514.65	517.96	522.95	518.52	0.81	ppb
Vanadium	51-2	492.40	502.06	506.42	500.30	1.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	966.86	992.23	990.96	983.35	1.45	ppb
Zirconium	90-1	517.43	520.42	508.66	515.50	1.19	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:58:31	DataFile Name :	032CCV_P8011018MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.44	498.77	491.93	497.71	1.07	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:07:36	DataFile Name :	033CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.60	-2.86	-2.84	-1.04		ppb
Antimony	121-1	0.11	0.13	0.13	0.12	6.97	ppb
Arsenic	75-2	0.03	0.03	0.12	0.06	87.19	ppb
Barium	135-1	0.00	0.01	0.01	0.01	83.55	ppb
Barium	137-1	-0.02	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.15	0.13	0.14	0.14	6.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.19	5.40	5.53	5.71	7.46	ppb
Boron	11-1	5.78	5.56	6.94	6.09	12.15	ppb
Cadmium	111-1	0.00	0.03	0.03	0.02	94.37	ppb
Cadmium	106-1	-0.11	0.52	0.42	0.28	123.39	ppb
Cadmium	108-1	-0.04	0.04	0.04	0.01	330.90	ppb
Calcium	43-1	-8.41	-16.93	-0.86	-8.73		ppb
Calcium	44-1	-11.75	-11.40	-10.39	-11.18		ppb
Chromium	52-2	0.16	0.18	0.08	0.14	41.05	ppb
Cobalt	59-2	0.01	-0.01	0.01	0.00	265.58	ppb
Copper	63-2	0.02	0.00	-0.04	-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	1.65	1.39	1.12	1.38	18.99	ppb
Iron	57-2	2.39	2.85	3.43	2.89	18.08	ppb
Lead	206-1	0.03	0.03	0.02	0.03	13.55	ppb
Lead	207-1	0.02	0.01	0.02	0.02	55.57	ppb
Lead	208-1	0.02	0.02	0.03	0.02	18.98	ppb
Lithium	6-1						%
Magnesium	24-2	1.43	-0.25	0.26	0.48	179.03	ppb
Manganese	55-2	0.09	-0.05	-0.06	-0.01		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:07:36	DataFile Name :	033CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.08	0.03	0.05	53.80	ppb
Molybdenum	95-1	0.09	0.03	0.05	0.06	51.23	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	2.03	ppb
Molybdenum	97-1	0.08	0.05	0.07	0.07	19.95	ppb
Molybdenum	98-1	0.07	0.05	0.05	0.05	17.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.08	-0.03		ppb
Phosphorus	31-2	-20.14	-46.35	5.96	-20.18		ppb
Potassium	39-2	27.20	26.34	40.22	31.25	24.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	1.61	-1.24	0.03	5572.23	ppb
Selenium	82-1	-0.21	-0.34	-0.08	-0.21		ppb
Silicon	28-1	-7.09	-9.15	-10.60	-8.95		ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.69	ppb
Silver	107-1	0.01	0.02	0.00	0.01	78.86	ppb
Sodium	23-2	16.02	8.85	21.20	15.36	40.41	ppb
Strontium	86-1	0.00	-0.06	0.01	-0.02		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1413.24	-1466.55	-1458.33	-1446.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.06	0.06	0.06	9.51	ppb
Thallium	205-1	0.05	0.04	0.06	0.05	14.26	ppb
Tin	118-1	0.00	0.01	-0.03	-0.01		ppb
Titanium	47-1	0.04	0.12	-0.02	0.04	150.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	473.05	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	56.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.11	-0.24	0.08	-0.09		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:07:36	DataFile Name :	033CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	-0.01	0.02	0.02	139.29	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:17:13	DataFile Name :	036LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.60	25.82	24.14	24.19	6.66	ppb
Antimony	121-1	1.95	1.95	1.78	1.89	5.16	ppb
Arsenic	75-2	1.06	1.22	0.89	1.06	15.38	ppb
Barium	135-1	9.84	9.75	9.57	9.72	1.41	ppb
Barium	137-1	9.60	9.54	9.65	9.59	0.55	ppb
Beryllium	9-1	1.02	1.13	1.04	1.06	5.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	26.73	25.92	25.06	25.91	3.23	ppb
Boron	11-1	26.01	25.96	26.20	26.06	0.50	ppb
Cadmium	111-1	1.01	0.99	0.97	0.99	2.07	ppb
Cadmium	106-1	0.62	1.83	1.04	1.16	52.52	ppb
Cadmium	108-1	0.87	1.20	0.87	0.98	19.31	ppb
Calcium	43-1	509.76	462.13	479.94	483.95	4.97	ppb
Calcium	44-1	466.18	475.70	460.66	467.51	1.63	ppb
Chromium	52-2	2.03	2.18	2.06	2.09	3.95	ppb
Cobalt	59-2	0.95	0.89	0.97	0.94	4.46	ppb
Copper	63-2	1.89	1.92	1.97	1.92	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50.37	48.93	50.52	49.94	1.75	ppb
Iron	57-2	45.32	47.83	45.39	46.18	3.09	ppb
Lead	206-1	1.02	0.94	1.01	0.99	4.19	ppb
Lead	207-1	0.91	0.95	0.97	0.94	3.62	ppb
Lead	208-1	0.96	0.92	0.98	0.95	3.45	ppb
Lithium	6-1						%
Magnesium	24-2	470.29	465.40	462.67	466.12	0.83	ppb
Manganese	55-2	0.87	0.81	1.16	0.95	19.97	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:17:13	DataFile Name :	036LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.63	4.87	4.66	4.72	2.80	ppb
Molybdenum	95-1	4.72	4.75	4.63	4.70	1.39	ppb
Molybdenum	96-1	4.62	4.81	4.54	4.66	3.03	ppb
Molybdenum	97-1	4.82	4.91	4.80	4.84	1.25	ppb
Molybdenum	98-1	4.63	4.71	4.71	4.69	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.00	1.02	1.08	11.26	ppb
Phosphorus	31-2	-46.35	-20.41	-20.32	-29.02		ppb
Potassium	39-2	502.80	524.66	472.43	499.96	5.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.42	0.00	6.28	6.24	99.62	ppb
Selenium	78-2	5.40	5.53	5.48	5.47	1.20	ppb
Selenium	82-1	5.11	5.03	4.58	4.91	5.88	ppb
Silicon	28-1	12.21	9.67	9.53	10.47	14.40	ppb
Silver	109-1	0.93	0.99	0.96	0.96	3.29	ppb
Silver	107-1	0.96	0.98	1.01	0.98	2.38	ppb
Sodium	23-2	520.66	473.39	497.95	497.33	4.75	ppb
Strontium	86-1	0.84	0.91	0.98	0.91	7.67	ppb
Strontium	88-1	0.93	0.97	0.98	0.96	2.31	ppb
Sulfur	34-1	-717.40	-826.74	-984.52	-842.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.91	1.07	1.02	1.00	8.36	ppb
Thallium	205-1	0.96	1.00	0.94	0.97	2.85	ppb
Tin	118-1	4.67	4.69	4.60	4.66	1.04	ppb
Titanium	47-1	4.66	5.34	5.23	5.07	7.20	ppb
Uranium	238-1	0.93	0.89	0.88	0.90	2.81	ppb
Vanadium	51-2	4.64	4.53	4.80	4.65	2.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.43	2.90	2.47	2.60	9.94	ppb
Zirconium	90-1	1.01	1.00	0.90	0.97	6.13	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:17:13	DataFile Name :	036LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.99	1.02	0.99	1.00	1.60	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:26:49	DataFile Name :	039LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.65	19.03	26.21	24.63	20.31	ppb
Antimony	121-1	1.89	1.99	1.84	1.91	4.11	ppb
Arsenic	75-2	0.76	1.03	0.98	0.92	15.84	ppb
Barium	135-1	9.23	9.43	9.64	9.43	2.17	ppb
Barium	137-1	9.25	9.45	9.61	9.44	1.94	ppb
Beryllium	9-1	1.11	1.02	1.09	1.07	4.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.46	24.39	25.23	24.69	1.88	ppb
Boron	11-1	24.37	25.96	26.43	25.59	4.22	ppb
Cadmium	111-1	1.00	1.08	0.90	1.00	8.98	ppb
Cadmium	106-1	1.07	1.99	1.78	1.61	29.89	ppb
Cadmium	108-1	0.83	0.52	1.26	0.87	43.06	ppb
Calcium	43-1	471.38	479.15	461.56	470.70	1.87	ppb
Calcium	44-1	466.67	468.40	471.95	469.01	0.57	ppb
Chromium	52-2	2.04	2.14	2.10	2.09	2.56	ppb
Cobalt	59-2	0.89	0.93	1.01	0.94	6.19	ppb
Copper	63-2	1.80	1.91	2.01	1.91	5.65	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	50.42	49.73	52.88	51.01	3.24	ppb
Iron	57-2	45.69	59.27	61.18	55.38	15.25	ppb
Lead	206-1	0.96	0.96	0.93	0.95	1.89	ppb
Lead	207-1	0.82	0.87	0.93	0.88	6.40	ppb
Lead	208-1	0.92	0.92	0.92	0.92	0.35	ppb
Lithium	6-1						%
Magnesium	24-2	450.01	470.06	467.32	462.46	2.35	ppb
Manganese	55-2	1.00	1.20	1.25	1.15	11.27	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:26:49	DataFile Name :	039LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.63	4.40	4.75	4.59	3.92	ppb
Molybdenum	95-1	4.75	4.52	4.76	4.68	2.86	ppb
Molybdenum	96-1	4.53	4.66	4.81	4.67	2.98	ppb
Molybdenum	97-1	4.53	4.66	4.43	4.54	2.54	ppb
Molybdenum	98-1	4.56	4.54	4.53	4.54	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.26	1.13	1.16	7.59	ppb
Phosphorus	31-2	-46.35	-46.35	-20.08	-37.59		ppb
Potassium	39-2	497.47	515.66	489.37	500.83	2.69	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.27	2.09	173.21	ppb
Selenium	78-2	4.51	2.59	4.52	3.87	28.58	ppb
Selenium	82-1	5.27	4.22	5.35	4.95	12.75	ppb
Silicon	28-1	11.38	10.52	9.93	10.61	6.89	ppb
Silver	109-1	0.92	0.99	0.94	0.95	3.86	ppb
Silver	107-1	1.08	0.98	1.00	1.02	4.99	ppb
Sodium	23-2	477.43	485.32	499.94	487.56	2.34	ppb
Strontium	86-1	0.81	0.91	0.85	0.86	5.78	ppb
Strontium	88-1	0.96	0.92	1.03	0.97	5.51	ppb
Sulfur	34-1	-878.02	-916.77	-842.47	-879.09		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.88	0.90	0.90	0.89	1.61	ppb
Thallium	205-1	0.91	0.98	0.96	0.95	3.79	ppb
Tin	118-1	4.76	4.63	4.63	4.67	1.64	ppb
Titanium	47-1	4.79	4.98	4.93	4.90	2.08	ppb
Uranium	238-1	0.86	0.86	0.87	0.86	0.90	ppb
Vanadium	51-2	4.49	4.81	4.59	4.63	3.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.09	2.18	2.24	2.17	3.53	ppb
Zirconium	90-1	0.97	0.96	1.00	0.98	2.34	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:26:49	DataFile Name :	039LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	1.03	0.95	0.95	7.84	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:30:21	DataFile Name :	040LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.85	9.22	18.01	14.03	31.71	ppb
Antimony	121-1	1.96	1.89	1.89	1.92	2.23	ppb
Arsenic	75-2	0.68	1.26	1.10	1.02	29.39	ppb
Barium	135-1	10.24	9.95	9.36	9.85	4.56	ppb
Barium	137-1	9.78	9.57	9.06	9.47	3.90	ppb
Beryllium	9-1	1.07	0.87	1.07	1.00	11.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	29.25	24.42	24.91	26.19	10.17	ppb
Boron	11-1	25.73	26.16	25.60	25.83	1.14	ppb
Cadmium	111-1	1.06	0.96	1.10	1.04	6.50	ppb
Cadmium	106-1	1.72	1.58	1.88	1.73	8.59	ppb
Cadmium	108-1	1.37	0.93	0.88	1.06	25.34	ppb
Calcium	43-1	467.41	492.36	498.11	485.96	3.36	ppb
Calcium	44-1	473.98	461.92	460.20	465.37	1.61	ppb
Chromium	52-2	2.19	2.09	2.14	2.14	2.43	ppb
Cobalt	59-2	1.02	0.99	1.03	1.01	2.10	ppb
Copper	63-2	1.98	2.08	2.00	2.02	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.91	48.40	49.00	48.77	0.66	ppb
Iron	57-2	50.39	43.67	48.98	47.68	7.43	ppb
Lead	206-1	0.95	0.97	0.92	0.95	2.89	ppb
Lead	207-1	0.93	0.95	0.93	0.94	1.45	ppb
Lead	208-1	0.93	0.92	0.94	0.93	1.03	ppb
Lithium	6-1						%
Magnesium	24-2	454.68	502.95	468.23	475.29	5.24	ppb
Manganese	55-2	0.87	0.94	1.00	0.94	6.83	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:30:21	DataFile Name :	040LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.80	4.79	4.78	4.79	0.23	ppb
Molybdenum	95-1	4.74	4.80	4.88	4.81	1.46	ppb
Molybdenum	96-1	4.72	4.88	4.58	4.72	3.15	ppb
Molybdenum	97-1	4.72	4.73	4.94	4.80	2.51	ppb
Molybdenum	98-1	4.82	4.80	4.77	4.80	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.03	1.10	1.07	3.19	ppb
Phosphorus	31-2	-20.69	-21.25	-46.35	-29.43		ppb
Potassium	39-2	524.27	501.41	485.73	503.80	3.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	12.19	6.05	6.08	100.27	ppb
Selenium	78-2	2.45	3.41	4.31	3.39	27.34	ppb
Selenium	82-1	4.23	5.18	5.69	5.03	14.77	ppb
Silicon	28-1	8.82	5.08	6.57	6.82	27.61	ppb
Silver	109-1	0.99	1.03	1.02	1.01	2.15	ppb
Silver	107-1	1.05	1.06	1.00	1.04	3.36	ppb
Sodium	23-2	500.15	489.41	493.44	494.33	1.10	ppb
Strontium	86-1	1.09	0.81	0.86	0.92	15.93	ppb
Strontium	88-1	0.97	0.94	0.97	0.96	1.81	ppb
Sulfur	34-1	-640.54	-1138.43	-1215.97	-998.32		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.97	0.93	0.94	0.94	2.11	ppb
Thallium	205-1	0.98	0.93	0.95	0.95	2.63	ppb
Tin	118-1	4.85	4.91	4.85	4.87	0.75	ppb
Titanium	47-1	4.91	4.61	5.20	4.91	5.93	ppb
Uranium	238-1	0.94	0.92	0.88	0.91	3.48	ppb
Vanadium	51-2	5.05	4.75	4.97	4.92	3.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.24	2.18	2.20	2.21	1.36	ppb
Zirconium	90-1	0.99	0.98	1.00	0.99	0.98	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:30:21	DataFile Name :	040LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	1.01	0.97	0.96	4.90	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:35:22	DataFile Name :	041LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.37	24.84	22.10	22.77	8.03	ppb
Antimony	121-1	1.75	1.83	1.92	1.83	4.53	ppb
Arsenic	75-2	1.01	1.01	1.00	1.01	0.58	ppb
Barium	135-1	8.73	8.92	8.90	8.85	1.16	ppb
Barium	137-1	8.81	9.02	9.23	9.02	2.29	ppb
Beryllium	9-1	1.09	0.88	0.97	0.98	10.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.82	24.48	25.50	23.27	13.01	ppb
Boron	11-1	21.32	23.77	24.78	23.29	7.64	ppb
Cadmium	111-1	0.97	0.98	0.98	0.98	0.74	ppb
Cadmium	106-1	1.53	1.07	1.51	1.37	19.18	ppb
Cadmium	108-1	1.12	0.85	0.98	0.98	13.62	ppb
Calcium	43-1	437.55	450.22	429.45	439.07	2.38	ppb
Calcium	44-1	423.65	438.77	450.90	437.77	3.12	ppb
Chromium	52-2	1.98	2.09	2.24	2.10	6.19	ppb
Cobalt	59-2	0.93	1.09	0.96	0.99	8.31	ppb
Copper	63-2	2.05	1.94	1.77	1.92	7.38	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	49.77	50.87	47.79	49.48	3.15	ppb
Iron	57-2	58.35	53.01	42.37	51.24	15.88	ppb
Lead	206-1	0.90	0.91	0.94	0.92	2.31	ppb
Lead	207-1	0.82	0.86	0.92	0.87	5.81	ppb
Lead	208-1	0.87	0.89	0.91	0.89	2.23	ppb
Lithium	6-1						%
Magnesium	24-2	481.81	459.95	474.16	471.98	2.35	ppb
Manganese	55-2	0.97	0.87	0.99	0.94	6.77	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:35:22	DataFile Name :	041LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.37	4.54	4.53	4.48	2.15	ppb
Molybdenum	95-1	4.37	4.63	4.48	4.49	2.95	ppb
Molybdenum	96-1	4.36	4.47	4.61	4.48	2.80	ppb
Molybdenum	97-1	4.11	4.51	4.62	4.41	6.13	ppb
Molybdenum	98-1	4.31	4.61	4.73	4.55	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.93	0.88	0.90	2.93	ppb
Phosphorus	31-2	7.46	-46.35	-46.35	-28.41		ppb
Potassium	39-2	505.56	472.66	444.38	474.20	6.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.47	0.00	6.26	4.24	86.64	ppb
Selenium	78-2	7.66	3.66	9.28	6.87	42.08	ppb
Selenium	82-1	4.71	4.36	4.74	4.61	4.58	ppb
Silicon	28-1	2.95	3.82	18.58	8.45	103.93	ppb
Silver	109-1	0.91	0.92	1.03	0.95	7.27	ppb
Silver	107-1	0.90	0.95	0.98	0.94	4.17	ppb
Sodium	23-2	509.75	506.69	481.86	499.43	3.06	ppb
Strontium	86-1	0.90	0.84	0.98	0.91	7.39	ppb
Strontium	88-1	0.86	0.90	0.96	0.91	5.34	ppb
Sulfur	34-1	-1636.11	-1179.52	548.00	-755.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.85	0.86	0.87	0.86	0.73	ppb
Thallium	205-1	0.86	0.87	0.94	0.89	5.04	ppb
Tin	118-1	4.33	4.52	4.85	4.57	5.78	ppb
Titanium	47-1	4.59	4.32	4.33	4.41	3.51	ppb
Uranium	238-1	0.78	0.88	0.92	0.86	8.07	ppb
Vanadium	51-2	4.92	4.80	4.72	4.81	2.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.72	2.31	2.04	2.02	14.73	ppb
Zirconium	90-1	0.86	0.99	0.97	0.94	7.67	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:35:22	DataFile Name :	041LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	1.01	0.97	0.98	3.11	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:38:33	DataFile Name :	042LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.93	21.92	24.39	24.75	12.20	ppb
Antimony	121-1	1.89	1.92	2.01	1.94	3.11	ppb
Arsenic	75-2	1.00	1.17	0.96	1.04	10.26	ppb
Barium	135-1	9.46	9.72	9.80	9.66	1.81	ppb
Barium	137-1	9.44	9.69	9.59	9.57	1.35	ppb
Beryllium	9-1	1.10	1.00	1.16	1.09	7.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.43	27.62	24.41	25.48	7.24	ppb
Boron	11-1	26.10	26.37	25.44	25.97	1.84	ppb
Cadmium	111-1	0.95	1.08	1.02	1.02	6.42	ppb
Cadmium	106-1	1.42	2.00	1.65	1.69	17.39	ppb
Cadmium	108-1	1.35	1.27	1.36	1.33	3.74	ppb
Calcium	43-1	461.99	449.83	478.77	463.53	3.14	ppb
Calcium	44-1	461.72	455.52	456.50	457.91	0.73	ppb
Chromium	52-2	2.04	2.12	2.04	2.07	2.02	ppb
Cobalt	59-2	0.96	0.97	0.92	0.95	2.84	ppb
Copper	63-2	1.92	1.88	1.96	1.92	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.33	52.10	48.24	49.89	3.98	ppb
Iron	57-2	53.66	54.48	43.98	50.71	11.51	ppb
Lead	206-1	0.92	0.96	0.95	0.94	2.33	ppb
Lead	207-1	0.95	0.91	0.94	0.93	2.32	ppb
Lead	208-1	0.95	0.92	0.95	0.94	1.82	ppb
Lithium	6-1						%
Magnesium	24-2	477.01	470.20	445.50	464.23	3.57	ppb
Manganese	55-2	0.87	0.83	1.15	0.95	18.28	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:38:33	DataFile Name :	042LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.69	4.66	4.94	4.77	3.24	ppb
Molybdenum	95-1	4.79	4.88	4.73	4.80	1.52	ppb
Molybdenum	96-1	4.73	4.93	4.58	4.75	3.60	ppb
Molybdenum	97-1	4.86	4.94	4.89	4.90	0.81	ppb
Molybdenum	98-1	4.84	4.96	4.62	4.81	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	1.07	1.01	0.99	9.93	ppb
Phosphorus	31-2	-21.54	30.58	-46.35	-12.44		ppb
Potassium	39-2	498.07	488.90	465.24	484.07	3.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	24.45	0.00	12.32	12.26	99.74	ppb
Selenium	78-2	3.43	10.05	2.52	5.34	77.02	ppb
Selenium	82-1	5.21	4.72	4.29	4.74	9.65	ppb
Silicon	28-1	7.45	9.51	8.86	8.61	12.23	ppb
Silver	109-1	1.01	1.03	0.93	0.99	5.33	ppb
Silver	107-1	0.95	0.96	1.00	0.97	2.71	ppb
Sodium	23-2	464.55	505.61	468.74	479.63	4.71	ppb
Strontium	86-1	1.03	0.99	0.94	0.99	4.51	ppb
Strontium	88-1	0.98	1.00	0.99	0.99	0.72	ppb
Sulfur	34-1	-893.95	-649.79	-460.48	-668.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.99	0.93	0.97	0.97	3.49	ppb
Thallium	205-1	0.96	0.94	0.98	0.96	2.22	ppb
Tin	118-1	4.93	4.83	4.82	4.86	1.27	ppb
Titanium	47-1	4.56	4.78	5.16	4.83	6.25	ppb
Uranium	238-1	0.96	0.94	0.92	0.94	2.22	ppb
Vanadium	51-2	4.44	4.67	4.89	4.67	4.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.94	2.24	2.44	2.21	11.36	ppb
Zirconium	90-1	0.99	0.99	1.02	1.00	1.71	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:38:33	DataFile Name :	042LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.29	0.97	0.91	1.06	19.18	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:44:57	DataFile Name :	044LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.31	28.70	20.28	21.09	34.27	ppb
Antimony	121-1	1.96	1.89	1.95	1.93	2.06	ppb
Arsenic	75-2	0.84	1.03	0.96	0.95	10.11	ppb
Barium	135-1	9.60	9.23	9.44	9.42	1.94	ppb
Barium	137-1	9.51	9.46	9.75	9.57	1.66	ppb
Beryllium	9-1	0.90	1.00	1.04	0.98	7.32	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.86	25.94	28.86	26.22	9.58	ppb
Boron	11-1	24.72	25.16	26.43	25.44	3.49	ppb
Cadmium	111-1	1.03	0.99	1.06	1.02	3.39	ppb
Cadmium	106-1	1.79	1.52	2.07	1.79	15.42	ppb
Cadmium	108-1	1.59	1.01	0.74	1.11	39.08	ppb
Calcium	43-1	435.26	487.43	450.69	457.80	5.85	ppb
Calcium	44-1	450.59	455.50	456.56	454.22	0.70	ppb
Chromium	52-2	2.34	2.07	2.55	2.32	10.34	ppb
Cobalt	59-2	1.03	0.92	0.90	0.95	7.61	ppb
Copper	63-2	1.98	1.99	2.12	2.03	3.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49.60	51.76	50.59	50.65	2.14	ppb
Iron	57-2	55.15	49.71	56.93	53.93	6.98	ppb
Lead	206-1	0.84	0.96	0.91	0.90	6.99	ppb
Lead	207-1	0.94	0.91	0.91	0.92	2.20	ppb
Lead	208-1	0.89	0.92	0.93	0.91	1.95	ppb
Lithium	6-1						%
Magnesium	24-2	450.85	459.98	473.04	461.29	2.42	ppb
Manganese	55-2	1.15	0.85	1.39	1.13	23.69	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:44:57	DataFile Name :	044LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.66	4.53	4.81	4.67	2.95	ppb
Molybdenum	95-1	4.77	4.68	4.80	4.75	1.28	ppb
Molybdenum	96-1	4.55	4.64	4.70	4.63	1.60	ppb
Molybdenum	97-1	4.87	4.70	4.72	4.76	2.00	ppb
Molybdenum	98-1	4.74	4.55	4.46	4.58	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	1.04	1.39	1.08	26.97	ppb
Phosphorus	31-2	-18.92	-17.96	-46.35	-27.74		ppb
Potassium	39-2	513.88	523.69	488.06	508.54	3.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.91	6.60	4.50	86.67	ppb
Selenium	78-2	3.81	5.10	2.80	3.90	29.52	ppb
Selenium	82-1	5.03	4.96	5.27	5.08	3.22	ppb
Silicon	28-1	8.74	9.30	10.22	9.42	7.92	ppb
Silver	109-1	0.99	1.00	0.99	0.99	0.66	ppb
Silver	107-1	0.97	0.90	1.01	0.96	5.69	ppb
Sodium	23-2	512.29	507.47	522.80	514.19	1.52	ppb
Strontium	86-1	0.88	1.02	0.85	0.91	9.94	ppb
Strontium	88-1	1.00	0.95	0.95	0.97	3.20	ppb
Sulfur	34-1	-750.85	-723.26	-527.04	-667.05		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.97	0.91	0.94	0.94	2.96	ppb
Thallium	205-1	0.94	0.94	0.95	0.94	0.39	ppb
Tin	118-1	4.75	4.74	4.71	4.73	0.45	ppb
Titanium	47-1	5.14	4.69	4.74	4.86	5.05	ppb
Uranium	238-1	0.87	0.92	0.91	0.90	3.23	ppb
Vanadium	51-2	4.46	4.43	4.67	4.52	2.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.25	2.41	2.18	2.28	5.16	ppb
Zirconium	90-1	0.91	0.95	1.00	0.95	4.92	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:44:57	DataFile Name :	044LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	1.07	1.02	1.02	4.40	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:52:19	DataFile Name :	046LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.02	14.78	21.59	16.46	27.50	ppb
Antimony	121-1	1.98	1.92	1.87	1.92	2.81	ppb
Arsenic	75-2	0.79	0.97	0.89	0.89	10.27	ppb
Barium	135-1	9.22	9.60	9.91	9.58	3.61	ppb
Barium	137-1	9.32	9.92	9.34	9.52	3.63	ppb
Beryllium	9-1	1.06	1.19	0.97	1.07	10.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.04	26.74	23.47	24.41	8.29	ppb
Boron	11-1	25.25	26.95	24.37	25.52	5.13	ppb
Cadmium	111-1	0.99	1.08	1.16	1.08	8.03	ppb
Cadmium	106-1	0.63	1.81	2.88	1.77	63.57	ppb
Cadmium	108-1	1.11	1.00	0.76	0.96	18.71	ppb
Calcium	43-1	468.24	476.45	481.93	475.54	1.45	ppb
Calcium	44-1	467.04	458.66	475.55	467.08	1.81	ppb
Chromium	52-2	1.96	2.15	2.08	2.07	4.60	ppb
Cobalt	59-2	0.97	1.08	1.00	1.02	5.67	ppb
Copper	63-2	1.93	2.00	1.97	1.96	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50.37	49.08	47.65	49.03	2.78	ppb
Iron	57-2	44.53	59.49	57.85	53.96	15.21	ppb
Lead	206-1	0.96	0.98	0.97	0.97	1.36	ppb
Lead	207-1	0.92	0.98	0.93	0.94	3.33	ppb
Lead	208-1	0.93	0.95	0.97	0.95	2.18	ppb
Lithium	6-1						%
Magnesium	24-2	472.57	436.76	467.48	458.94	4.22	ppb
Manganese	55-2	0.87	1.14	0.82	0.94	18.35	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:52:19	DataFile Name :	046LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.59	4.70	4.71	4.67	1.42	ppb
Molybdenum	95-1	4.74	4.67	4.69	4.70	0.76	ppb
Molybdenum	96-1	4.64	4.66	4.82	4.71	2.08	ppb
Molybdenum	97-1	4.64	4.95	4.72	4.77	3.34	ppb
Molybdenum	98-1	4.58	4.66	4.81	4.68	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.83	0.85	0.81	7.58	ppb
Phosphorus	31-2	-46.35	-46.35	-46.35	-46.35		ppb
Potassium	39-2	544.26	495.11	494.90	511.42	5.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.20	6.22	0.00	4.14	86.60	ppb
Selenium	78-2	3.50	3.51	3.56	3.53	0.85	ppb
Selenium	82-1	5.46	5.00	4.96	5.14	5.43	ppb
Silicon	28-1	9.55	10.24	11.97	10.59	11.74	ppb
Silver	109-1	0.96	0.96	0.99	0.97	2.02	ppb
Silver	107-1	1.00	0.99	0.98	0.99	0.98	ppb
Sodium	23-2	482.28	497.24	484.14	487.88	1.67	ppb
Strontium	86-1	1.05	1.09	0.89	1.01	10.33	ppb
Strontium	88-1	0.99	0.99	0.96	0.98	1.72	ppb
Sulfur	34-1	-722.94	-636.23	-244.55	-534.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.93	0.92	0.93	0.73	ppb
Thallium	205-1	0.95	0.94	0.97	0.95	1.77	ppb
Tin	118-1	4.68	4.74	4.91	4.77	2.52	ppb
Titanium	47-1	4.98	4.68	4.78	4.81	3.23	ppb
Uranium	238-1	0.90	0.91	0.89	0.90	0.88	ppb
Vanadium	51-2	4.73	4.88	4.51	4.71	3.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.80	2.23	2.17	2.07	11.38	ppb
Zirconium	90-1	0.98	1.01	0.98	0.99	2.02	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:52:19	DataFile Name :	046LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.98	0.99	0.98	1.02	ppb

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P8
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 17:55:31 DataFile Name : 047CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.15	-1.20	0.75	-0.53		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	6973.17	ppb
Arsenic	75-2	0.03	-0.01	0.01	0.01	286.50	ppb
Barium	135-1	0.01	0.01	0.00	0.00	197.18	ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.04	0.03	-0.04	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.44	1.35	2.47	1.76	35.57	ppb
Boron	11-1	2.31	1.97	2.30	2.20	8.72	ppb
Cadmium	111-1	0.01	0.03	0.02	0.02	58.39	ppb
Cadmium	106-1	0.08	0.47	0.36	0.31	65.59	ppb
Cadmium	108-1	0.08	0.08	0.08	0.08	0.96	ppb
Calcium	43-1	-11.01	-10.02	-16.94	-12.66		ppb
Calcium	44-1	-18.07	-16.29	-15.41	-16.59		ppb
Chromium	52-2	0.08	0.05	0.02	0.05	50.80	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.01	0.00	0.00	-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	0.45	-0.17	0.22	0.16	189.53	ppb
Iron	57-2	0.69	2.67	3.40	2.26	62.11	ppb
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	2.07	2.24	3.59	2.63	31.71	ppb
Manganese	55-2	-0.05	-0.01	-0.06	-0.04		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:55:31	DataFile Name :	047CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.04	0.00	0.02	99.91	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	143.70	ppb
Molybdenum	96-1	0.00	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	30.61	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	875.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.05	0.03	-0.01		ppb
Phosphorus	31-2	-46.35	-46.35	-20.32	-37.67		ppb
Potassium	39-2	-5.24	9.76	8.74	4.42	189.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.15	0.00	0.00	2.05	173.21	ppb
Selenium	78-2	0.64	-0.30	-0.28	0.02	2660.89	ppb
Selenium	82-1	0.06	0.42	0.05	0.18	120.12	ppb
Silicon	28-1	-6.21	-5.52	-7.35	-6.36		ppb
Silver	109-1	0.01	0.00	0.00	0.00	121.55	ppb
Silver	107-1	-0.01	0.01	0.00	0.00		ppb
Sodium	23-2	0.98	-3.45	0.45	-0.67		ppb
Strontium	86-1	-0.05	-0.02	-0.02	-0.03		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-643.96	-514.01	-689.27	-615.75		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	152.67	ppb
Tin	118-1	-0.02	-0.04	-0.02	-0.03		ppb
Titanium	47-1	0.04	0.09	0.00	0.04	95.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	150.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.21	-0.09	-0.14	-0.15		ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:55:31	DataFile Name :	047CCBE_P8011018MS.

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

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:58:43	DataFile Name :	048LCS6_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9813.73	10050.22	9403.27	9755.74	3.36	ppb
Antimony	121-1	516.94	512.18	516.27	515.13	0.50	ppb
Arsenic	75-2	505.27	496.11	495.74	499.04	1.08	ppb
Barium	135-1	2555.32	2556.76	2580.78	2564.29	0.56	ppb
Barium	137-1	2575.02	2530.00	2545.04	2550.02	0.90	ppb
Beryllium	9-1	509.71	508.56	508.77	509.01	0.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	480.30	494.95	498.00	491.08	1.93	ppb
Boron	11-1	475.31	495.70	498.34	489.79	2.57	ppb
Cadmium	111-1	511.23	506.30	509.46	509.00	0.49	ppb
Cadmium	106-1	511.41	513.77	501.88	509.02	1.24	ppb
Cadmium	108-1	507.14	511.70	522.60	513.81	1.55	ppb
Calcium	43-1	50324.55	50313.96	50745.47	50461.33	0.49	ppb
Calcium	44-1	50179.30	50724.50	51076.77	50660.19	0.89	ppb
Chromium	52-2	495.46	500.74	482.28	492.82	1.93	ppb
Cobalt	59-2	493.75	504.14	479.29	492.39	2.53	ppb
Copper	63-2	977.62	997.53	947.80	974.31	2.57	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	25375.36	25629.55	24462.92	25155.94	2.44	ppb
Iron	57-2	24471.45	25026.12	23500.62	24332.73	3.17	ppb
Lead	206-1	500.46	506.81	502.30	503.19	0.65	ppb
Lead	207-1	496.37	505.21	500.41	500.66	0.88	ppb
Lead	208-1	501.17	509.89	501.11	504.06	1.00	ppb
Lithium	6-1						%
Magnesium	24-2	49769.92	50330.71	47754.03	49284.89	2.75	ppb
Manganese	55-2	993.33	1009.28	962.69	988.44	2.40	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:58:43	DataFile Name :	048LCS6_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2510.98	2546.12	2522.49	2526.53	0.71	ppb
Molybdenum	95-1	2510.10	2546.04	2517.30	2524.48	0.75	ppb
Molybdenum	96-1	2510.64	2561.83	2520.99	2531.15	1.07	ppb
Molybdenum	97-1	2509.75	2521.79	2561.94	2531.16	1.08	ppb
Molybdenum	98-1	2477.94	2530.64	2543.79	2517.46	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.98	509.23	481.76	493.99	2.83	ppb
Phosphorus	31-2	10393.13	9882.52	8959.60	9745.08	7.46	ppb
Potassium	39-2	25344.86	26091.30	25062.36	25499.50	2.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	533.50	507.95	500.18	513.87	3.39	ppb
Selenium	78-2	509.18	498.98	489.86	499.34	1.94	ppb
Selenium	82-1	502.07	504.27	498.00	501.45	0.63	ppb
Silicon	28-1	532.63	527.60	541.94	534.06	1.36	ppb
Silver	109-1	518.55	517.93	525.49	520.66	0.81	ppb
Silver	107-1	516.94	523.55	517.29	519.26	0.72	ppb
Sodium	23-2	51442.06	52237.51	49860.73	51180.10	2.36	ppb
Strontium	86-1	494.95	496.24	494.24	495.14	0.20	ppb
Strontium	88-1	501.02	506.05	500.02	502.37	0.64	ppb
Sulfur	34-1	9619.19	9706.24	9525.26	9616.90	0.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	506.44	513.75	508.15	509.45	0.75	ppb
Thallium	205-1	499.37	500.45	496.94	498.92	0.36	ppb
Tin	118-1	517.67	519.67	512.47	516.60	0.72	ppb
Titanium	47-1	2522.85	2545.40	2546.37	2538.20	0.52	ppb
Uranium	238-1	491.04	504.50	497.09	497.55	1.36	ppb
Vanadium	51-2	494.15	506.72	480.82	493.90	2.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	982.73	1014.82	967.14	988.23	2.46	ppb
Zirconium	90-1	507.46	507.02	498.40	504.29	1.01	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:58:43	DataFile Name :	048LCS6_P8011018MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.53	493.22	488.65	489.47	0.70	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:01:45	DataFile Name :	049CCV_P8011018MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48821.48	49314.61	49540.91	49225.67	0.75	ppb
Antimony	121-1	500.22	510.40	508.06	506.23	1.05	ppb
Arsenic	75-2	493.66	496.76	488.88	493.10	0.81	ppb
Barium	135-1	2522.86	2549.47	2541.97	2538.10	0.54	ppb
Barium	137-1	2525.68	2539.10	2554.47	2539.75	0.57	ppb
Beryllium	9-1	525.38	531.81	526.40	527.86	0.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	518.58	546.76	548.33	537.89	3.11	ppb
Boron	11-1	523.31	540.31	546.33	536.65	2.22	ppb
Cadmium	111-1	491.01	497.16	493.60	493.92	0.62	ppb
Cadmium	106-1	484.67	500.45	498.28	494.47	1.73	ppb
Cadmium	108-1	493.10	493.56	505.89	497.51	1.46	ppb
Calcium	43-1	252700.32	251062.46	252795.24	252186.01	0.39	ppb
Calcium	44-1	249570.91	252556.70	250504.46	250877.36	0.61	ppb
Chromium	52-2	492.26	500.80	502.21	498.43	1.08	ppb
Cobalt	59-2	482.44	488.13	490.65	487.07	0.86	ppb
Copper	63-2	933.10	949.34	952.55	945.00	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122083.47	123986.45	123775.43	123281.79	0.85	ppb
Iron	57-2	118354.93	120083.69	120113.29	119517.30	0.84	ppb
Lead	206-1	511.09	512.48	502.59	508.72	1.05	ppb
Lead	207-1	510.82	512.39	500.65	507.95	1.25	ppb
Lead	208-1	511.02	515.95	504.08	510.35	1.17	ppb
Lithium	6-1						%
Magnesium	24-2	237917.42	242307.51	240193.73	240139.55	0.91	ppb
Manganese	55-2	985.00	1005.88	998.41	996.43	1.06	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:01:45	DataFile Name :	049CCV_P8011018MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2569.88	2541.22	2526.71	2545.94	0.86	ppb
Molybdenum	95-1	2555.21	2554.65	2509.84	2539.90	1.03	ppb
Molybdenum	96-1	2590.39	2557.53	2517.44	2555.12	1.43	ppb
Molybdenum	97-1	2555.70	2561.72	2537.36	2551.59	0.50	ppb
Molybdenum	98-1	2571.99	2576.29	2504.97	2551.08	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.53	490.26	485.71	485.50	1.00	ppb
Phosphorus	31-2	10261.33	10095.88	9322.14	9893.12	5.07	ppb
Potassium	39-2	128938.41	129928.38	128706.56	129191.12	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	501.62	464.13	610.96	525.57	14.52	ppb
Selenium	78-2	520.76	440.64	485.60	482.33	8.33	ppb
Selenium	82-1	501.71	497.37	488.08	495.72	1.40	ppb
Silicon	28-1	485.02	485.41	488.48	486.30	0.39	ppb
Silver	109-1	494.09	497.90	499.46	497.15	0.56	ppb
Silver	107-1	500.53	500.47	504.87	501.96	0.50	ppb
Sodium	23-2	242232.72	246974.40	247809.68	245672.27	1.22	ppb
Strontium	86-1	517.28	512.52	498.85	509.55	1.88	ppb
Strontium	88-1	523.18	521.06	505.41	516.55	1.88	ppb
Sulfur	34-1	9051.44	8629.31	9132.90	8937.89	3.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.25	516.81	515.88	516.98	0.23	ppb
Thallium	205-1	503.37	512.40	500.39	505.39	1.24	ppb
Tin	118-1	516.28	508.95	513.69	512.98	0.72	ppb
Titanium	47-1	2508.73	2517.90	2520.17	2515.60	0.24	ppb
Uranium	238-1	519.12	518.85	508.31	515.43	1.20	ppb
Vanadium	51-2	490.55	501.49	497.87	496.64	1.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	979.94	994.09	996.79	990.27	0.91	ppb
Zirconium	90-1	518.23	511.83	507.92	512.66	1.02	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:01:45	DataFile Name :	049CCV_P8011018MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.19	501.58	490.84	496.87	1.11	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:24:27	DataFile Name :	053LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.63	20.61	20.95	18.40	22.45	ppb
Antimony	121-1	1.88	1.91	1.89	1.90	0.70	ppb
Arsenic	75-2	1.31	0.93	1.18	1.14	17.00	ppb
Barium	135-1	9.13	9.57	9.40	9.37	2.35	ppb
Barium	137-1	9.09	9.46	9.46	9.34	2.29	ppb
Beryllium	9-1	1.11	0.99	1.19	1.10	9.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.86	23.68	24.12	24.56	4.68	ppb
Boron	11-1	26.23	26.37	27.10	26.57	1.77	ppb
Cadmium	111-1	0.94	1.05	0.93	0.97	6.88	ppb
Cadmium	106-1	0.31	2.51	0.01	0.94	144.36	ppb
Cadmium	108-1	0.81	0.90	0.81	0.84	6.21	ppb
Calcium	43-1	465.48	465.49	435.46	455.48	3.81	ppb
Calcium	44-1	453.21	455.40	458.83	455.81	0.62	ppb
Chromium	52-2	2.54	2.04	2.05	2.21	12.89	ppb
Cobalt	59-2	1.08	1.01	0.97	1.02	5.16	ppb
Copper	63-2	2.15	2.03	1.93	2.04	5.31	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	56.25	47.78	49.89	51.31	8.59	ppb
Iron	57-2	61.05	55.00	39.25	51.76	21.74	ppb
Lead	206-1	0.93	0.94	0.97	0.95	1.77	ppb
Lead	207-1	0.89	0.88	0.92	0.90	2.54	ppb
Lead	208-1	0.92	0.91	0.93	0.92	1.16	ppb
Lithium	6-1						%
Magnesium	24-2	542.31	449.96	478.56	490.28	9.64	ppb
Manganese	55-2	1.52	1.13	0.94	1.19	24.63	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:24:27	DataFile Name :	053LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.48	4.65	4.81	4.65	3.60	ppb
Molybdenum	95-1	4.63	4.63	4.73	4.67	1.24	ppb
Molybdenum	96-1	4.76	4.88	4.85	4.83	1.27	ppb
Molybdenum	97-1	4.54	4.36	4.80	4.56	4.87	ppb
Molybdenum	98-1	4.68	4.55	4.46	4.56	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.42	1.12	1.12	1.22	14.17	ppb
Phosphorus	31-2	12.48	5.89	-19.88	-0.51		ppb
Potassium	39-2	588.27	472.17	521.34	527.26	11.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.07	0.00	12.52	6.53	96.14	ppb
Selenium	78-2	9.56	9.24	2.59	7.13	55.24	ppb
Selenium	82-1	4.61	5.00	4.89	4.83	4.08	ppb
Silicon	28-1	6.63	4.84	6.28	5.92	16.05	ppb
Silver	109-1	0.99	1.02	0.97	0.99	2.12	ppb
Silver	107-1	0.96	1.00	0.97	0.98	2.62	ppb
Sodium	23-2	581.78	481.79	503.31	522.29	10.08	ppb
Strontium	86-1	0.77	0.82	0.81	0.80	3.62	ppb
Strontium	88-1	0.98	0.90	0.97	0.95	4.48	ppb
Sulfur	34-1	-985.08	-1084.01	-1137.17	-1068.75		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.89	0.92	0.93	0.91	2.35	ppb
Thallium	205-1	0.92	0.96	0.97	0.95	2.43	ppb
Tin	118-1	4.70	4.69	4.79	4.73	1.09	ppb
Titanium	47-1	4.70	4.58	4.88	4.72	3.19	ppb
Uranium	238-1	0.89	0.86	0.91	0.89	2.69	ppb
Vanadium	51-2	5.18	4.47	4.55	4.74	8.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.48	2.51	2.32	2.44	4.07	ppb
Zirconium	90-1	0.93	0.97	0.96	0.95	2.30	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:24:27	DataFile Name :	053LCSE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	0.91	0.94	0.95	5.20	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:27:40	DataFile Name :	054CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.19	-1.15	-2.89	-1.75		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	42.35	ppb
Arsenic	75-2	0.03	-0.01	0.03	0.01	171.83	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.02	0.01	0.00	-0.01		ppb
Beryllium	9-1	0.01	0.02	0.12	0.05	116.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.16	3.69	3.28	3.71	11.86	ppb
Boron	11-1	4.09	3.78	3.60	3.82	6.43	ppb
Cadmium	111-1	-0.03	0.02	0.09	0.03	207.62	ppb
Cadmium	106-1	-0.38	0.30	1.20	0.37	212.17	ppb
Cadmium	108-1	0.04	-0.04	-0.04	-0.01		ppb
Calcium	43-1	6.89	-11.23	-9.74	-4.69		ppb
Calcium	44-1	-17.83	-15.79	-16.64	-16.75		ppb
Chromium	52-2	0.10	0.08	0.13	0.10	25.12	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	3522.85	ppb
Copper	63-2	0.00	-0.01	-0.01	-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	0.13	0.64	0.33	0.37	69.89	ppb
Iron	57-2	1.67	-0.33	2.25	1.19	113.05	ppb
Lead	206-1	0.01	0.00	0.00	0.00	103.74	ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	-0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	1.17	-1.97	2.50	0.57	403.75	ppb
Manganese	55-2	0.02	-0.05	-0.05	-0.02		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:27:40	DataFile Name :	054CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.01	0.00	0.01	83.15	ppb
Molybdenum	95-1	0.00	0.00	0.02	0.01	112.67	ppb
Molybdenum	96-1	0.01	0.01	-0.01	0.00	187.08	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.02	20.66	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	46.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.25	-0.14	-0.15		ppb
Phosphorus	31-2	-21.34	-46.35	-20.90	-29.53		ppb
Potassium	39-2	15.83	-7.99	6.22	4.69	255.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.24	-0.31	0.62	-0.31		ppb
Selenium	82-1	-0.45	0.45	0.25	0.08	556.23	ppb
Silicon	28-1	-10.55	-9.68	-8.75	-9.66		ppb
Silver	109-1	0.00	0.00	0.01	0.00	149.86	ppb
Silver	107-1	0.00	0.00	0.00	0.00	22490.09	ppb
Sodium	23-2	5.31	-8.76	12.36	2.97	362.06	ppb
Strontium	86-1	-0.04	0.03	-0.02	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1207.41	-930.27	-843.62	-993.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.02	0.01	99.89	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	42.59	ppb
Tin	118-1	-0.02	-0.03	-0.02	-0.03		ppb
Titanium	47-1	-0.01	0.00	0.03	0.01	223.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	151.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.03	-0.12	0.07	-0.03		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:27:40	DataFile Name :	054CCBE_P8011018MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.03	0.01	108.08	ppb

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:02	DataFile Name :	003CALB_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.30	cps
Antimony	121-1	67	133	50	83	52.92	cps
Arsenic	75-2	2	0	2	1	86.60	cps
Barium	135-1	25	42	8	25	66.68	cps
Barium	137-1	83	17	100	67	66.14	cps
Beryllium	9-1	61	106	122	96	32.81	cps
Bismuth	209-1	4120805	4170161	4104826	4131931	0.82	cps
Bismuth	209-2	1029581	1019416	1018060	1022353	0.62	cps
Boron	10-1	200	158	208	189	14.18	cps
Boron	11-1	708	775	725	736	4.71	cps
Cadmium	111-1	516	530	590	545	7.19	cps
Cadmium	106-1	750	733	825	770	6.35	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Calcium	43-1	1042	900	958	967	7.37	cps
Calcium	44-1	18304	19164	19122	18864	2.57	cps
Chromium	52-2	240	303	230	258	15.43	cps
Cobalt	59-2	50	37	63	50	26.66	cps
Copper	63-2	117	150	117	128	15.06	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	42	17	19	107.85	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	6179288	6218772	6184092	6194051	0.35	cps
Holmium	165-2	1265618	1261169	1255574	1260787	0.40	cps
Indium	115-1	5006579	4921867	4962534	4963660	0.85	cps
Indium	115-2	220714	220124	217977	219605	0.66	cps
Iron	56-2	1339	1228	1206	1258	5.68	cps
Iron	57-2	17	17	44	26	61.85	cps
Lead	206-1	178	267	250	231	20.41	cps
Lead	207-1	256	172	244	224	20.19	cps
Lead	208-1	1000	967	939	969	3.16	cps
Lithium	6-1	724354	734820	728013	729062	0.73	cps
Magnesium	24-2	267	333	242	281	16.89	cps
Manganese	55-2	13	30	13	19	50.96	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:02	DataFile Name :	003CALB_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	58	142	133	111	41.31	cps
Molybdenum	95-1	17	17	33	22	43.28	cps
Molybdenum	96-1	42	92	42	58	49.48	cps
Molybdenum	97-1	8	17	25	17	50.01	cps
Molybdenum	98-1	42	17	33	31	41.66	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	317	247	273	13.85	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	2659	2134	2609	2467	11.75	cps
Rhodium	103-1	4587965	4499090	4543044	4543366	0.98	cps
Rhodium	103-2	1203347	1198421	1198011	1199926	0.25	cps
Scandium	45-1	2661489	2647187	2646252	2651643	0.32	cps
Scandium	45-2	22575	21998	21927	22167	1.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-16	-22	2	-12	-106.91	cps
Silicon	28-1	394452	394559	397320	395444	0.41	cps
Silver	109-1	42	50	33	42	20.00	cps
Silver	107-1	50	58	117	75	48.43	cps
Sodium	23-2	13690	13757	14775	14074	4.32	cps
Strontium	86-1	517	450	533	500	8.82	cps
Strontium	88-1	333	333	242	303	17.48	cps
Sulfur	34-1	376924	378598	377784	377769	0.22	cps
Terbium	159-1	6390918	6343932	6273474	6336108	0.93	cps
Terbium	159-2	1214627	1211868	1197630	1208042	0.76	cps
Thallium	203-1	133	108	142	128	13.57	cps
Thallium	205-1	233	225	158	206	20.00	cps
Tin	118-1	617	667	658	647	4.14	cps
Titanium	47-1	75	92	100	89	14.33	cps
Uranium	238-1	42	67	17	42	60.00	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Yttrium	89-1	5095131	5083845	5049490	5076156	0.47	cps
Yttrium	89-2	164910	162321	162159	163130	0.95	cps
Zinc	66-2	37	37	47	40	14.43	cps
Zirconium	90-1	325	317	392	344	11.93	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:47:02	DataFile Name :	003CALB_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	50	33	67	66.15	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:53:59	DataFile Name :	005CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	83	81	15.80	cps
Antimony	121-1	13357	13449	13541	13449	0.68	cps
Arsenic	75-2	65	83	74	74	12.49	cps
Barium	135-1	13558	14475	14150	14061	3.31	cps
Barium	137-1	24449	24649	24549	24549	0.41	cps
Beryllium	9-1	861	1028	739	876	16.56	cps
Bismuth	209-1	4219431	4189813	4201575	4203606	0.35	cps
Bismuth	209-2	1027555	1028688	1024153	1026799	0.23	cps
Boron	10-1	2400	2375	2509	2428	2.92	cps
Boron	11-1	10738	11722	11280	11246	4.38	cps
Cadmium	111-1	2094	2178	2171	2148	2.17	cps
Cadmium	106-1	1042	1058	1192	1097	7.49	cps
Cadmium	108-1	63	96	79	79	21.06	cps
Calcium	43-1	7561	7102	7661	7441	4.00	cps
Calcium	44-1	124514	126121	124978	125204	0.66	cps
Chromium	52-2	1650	1560	1613	1608	2.81	cps
Cobalt	59-2	1233	1397	1323	1318	6.21	cps
Copper	63-2	2237	2250	2340	2276	2.47	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	17	8	25	88.19	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	6108133	6089709	6086262	6094701	0.19	cps
Holmium	165-2	1263450	1266827	1259331	1263202	0.30	cps
Indium	115-1	4951043	4949437	4904602	4935027	0.53	cps
Indium	115-2	220935	219649	220812	220466	0.32	cps
Iron	56-2	21489	21267	20883	21213	1.45	cps
Iron	57-2	489	461	467	472	3.11	cps
Lead	206-1	4634	4851	4840	4775	2.56	cps
Lead	207-1	3856	4073	4251	4060	4.87	cps
Lead	208-1	18662	18812	19440	18971	2.18	cps
Lithium	6-1	736129	739300	737174	737534	0.22	cps
Magnesium	24-2	11038	10613	11080	10910	2.37	cps
Manganese	55-2	210	153	237	200	21.28	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:53:59	DataFile Name :	005CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11455	11489	11405	11450	0.37	cps
Molybdenum	95-1	13007	13632	13374	13338	2.36	cps
Molybdenum	96-1	14292	14842	14508	14547	1.91	cps
Molybdenum	97-1	8044	8295	8303	8214	1.79	cps
Molybdenum	98-1	21409	21535	21485	21476	0.29	cps
Neodymium	150-1	33	0	13	16	107.87	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	683	630	730	681	7.35	cps
Phosphorus	31-2	8	8	42	19	99.00	cps
Potassium	39-2	8136	7786	8078	8000	2.35	cps
Rhodium	103-1	4575837	4540351	4552716	4556301	0.40	cps
Rhodium	103-2	1200672	1195711	1196748	1197711	0.22	cps
Scandium	45-1	2692223	2683876	2600413	2658838	1.91	cps
Scandium	45-2	22138	22001	21861	22000	0.63	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	15	7	13	12	32.84	cps
Selenium	82-1	354	350	418	374	10.14	cps
Silicon	28-1	438373	441224	440216	439938	0.33	cps
Silver	109-1	6502	6302	6760	6521	3.53	cps
Silver	107-1	7194	7027	6685	6969	3.72	cps
Sodium	23-2	37851	37442	38219	37837	1.03	cps
Strontium	86-1	2259	2259	2125	2214	3.48	cps
Strontium	88-1	16527	15476	15726	15910	3.45	cps
Sulfur	34-1	376964	376442	378701	377369	0.31	cps
Terbium	159-1	6410869	6301536	6202608	6305004	1.65	cps
Terbium	159-2	1206267	1203904	1213174	1207782	0.40	cps
Thallium	203-1	5435	6143	5643	5740	6.34	cps
Thallium	205-1	13124	13558	13282	13321	1.65	cps
Tin	118-1	22862	23012	23271	23048	0.90	cps
Titanium	47-1	3484	3651	3351	3495	4.30	cps
Uranium	238-1	17613	17780	16987	17460	2.39	cps
Vanadium	51-2	2070	2037	2214	2107	4.46	cps
Yttrium	89-1	5163360	5159323	5054606	5125763	1.20	cps
Yttrium	89-2	162783	162459	162383	162542	0.13	cps
Zinc	66-2	217	210	247	224	8.70	cps
Zirconium	90-1	9787	8970	9712	9490	4.76	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:53:59	DataFile Name :	005CALS_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2334	2009	2159	2167	7.51	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:32	DataFile Name :	006CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4551	4701	4818	4690	2.85	cps
Antimony	121-1	380080	379297	379940	379773	0.11	cps
Arsenic	75-2	4223	4208	4206	4212	0.22	cps
Barium	135-1	398756	393270	396605	396210	0.70	cps
Barium	137-1	687857	689140	691369	689455	0.26	cps
Beryllium	9-1	45884	47155	46475	46505	1.37	cps
Bismuth	209-1	4142692	4161350	4191757	4165266	0.59	cps
Bismuth	209-2	1029607	1020869	1019186	1023221	0.55	cps
Boron	10-1	5084	5068	5251	5134	1.98	cps
Boron	11-1	24530	24071	24831	24477	1.56	cps
Cadmium	111-1	80694	81273	80286	80751	0.61	cps
Cadmium	106-1	9128	9645	9412	9395	2.76	cps
Cadmium	108-1	5793	5610	5918	5774	2.69	cps
Calcium	43-1	73987	75486	74574	74682	1.01	cps
Calcium	44-1	1233564	1231711	1248156	1237810	0.73	cps
Chromium	52-2	32338	32388	32394	32373	0.10	cps
Cobalt	59-2	69234	70055	70896	70062	1.19	cps
Copper	63-2	120561	120889	121253	120901	0.29	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	50	8	31	68.64	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	6175929	6097421	6110380	6127910	0.69	cps
Holmium	165-2	1269227	1267323	1261719	1266089	0.31	cps
Indium	115-1	4919060	4943516	5021430	4961335	1.08	cps
Indium	115-2	219576	217095	217668	218113	0.60	cps
Iron	56-2	1102209	1110641	1096043	1102964	0.66	cps
Iron	57-2	28235	27906	27901	28014	0.68	cps
Lead	206-1	245475	246521	245443	245813	0.25	cps
Lead	207-1	219918	223559	220100	221192	0.93	cps
Lead	208-1	994214	1006458	1002490	1001054	0.62	cps
Lithium	6-1	739098	738936	741748	739927	0.21	cps
Magnesium	24-2	116734	115583	115986	116101	0.50	cps
Manganese	55-2	19317	18836	18499	18884	2.18	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:32	DataFile Name :	006CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	607468	615142	610535	611048	0.63	cps
Molybdenum	95-1	741268	744957	752313	746179	0.75	cps
Molybdenum	96-1	817532	829200	837181	827971	1.19	cps
Molybdenum	97-1	465456	463350	473941	467582	1.20	cps
Molybdenum	98-1	1194428	1208305	1211334	1204689	0.75	cps
Neodymium	150-1	13	27	33	24	41.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	21226	20409	20939	20858	1.99	cps
Phosphorus	31-2	333	392	392	372	9.05	cps
Potassium	39-2	35362	36490	35771	35874	1.59	cps
Rhodium	103-1	4504227	4519080	4602208	4541838	1.16	cps
Rhodium	103-2	1205154	1190310	1186811	1194092	0.82	cps
Scandium	45-1	2640407	2615382	2671563	2642451	1.07	cps
Scandium	45-2	22295	21570	21994	21953	1.66	cps
Selenium	77-2	43	50	20	38	41.70	cps
Selenium	78-2	111	115	102	109	6.11	cps
Selenium	82-1	4875	4754	5052	4894	3.06	cps
Silicon	28-1	568235	577142	576618	573998	0.87	cps
Silver	109-1	365766	370209	373614	369863	1.06	cps
Silver	107-1	385851	390148	387669	387889	0.56	cps
Sodium	23-2	277411	277888	275846	277049	0.39	cps
Strontium	86-1	95056	95943	96272	95757	0.66	cps
Strontium	88-1	839759	835588	842443	839263	0.41	cps
Sulfur	34-1	394054	394379	394517	394317	0.06	cps
Terbium	159-1	6296840	6251377	6355077	6301098	0.82	cps
Terbium	159-2	1228882	1211837	1214932	1218550	0.75	cps
Thallium	203-1	298204	302058	301710	300657	0.71	cps
Thallium	205-1	719025	723183	725454	722554	0.45	cps
Tin	118-1	254358	255148	256682	255396	0.46	cps
Titanium	47-1	187235	185083	189594	187304	1.20	cps
Uranium	238-1	974124	974734	985268	978042	0.64	cps
Vanadium	51-2	23837	24331	24338	24169	1.19	cps
Yttrium	89-1	5035940	5062055	5073679	5057225	0.38	cps
Yttrium	89-2	161747	162386	160071	161401	0.74	cps
Zinc	66-2	11535	11652	11482	11556	0.75	cps
Zirconium	90-1	514515	513341	513963	513940	0.11	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 14:57:32	DataFile Name :	006CALS_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	112395	114101	113487	113327	0.76	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:04	DataFile Name :	007CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12431	11714	10771	11639	7.15	cps
Antimony	121-1	936528	945313	955851	945898	1.02	cps
Arsenic	75-2	10582	10489	9878	10316	3.71	cps
Barium	135-1	991977	1001229	996804	996670	0.46	cps
Barium	137-1	1746655	1747696	1754652	1749668	0.25	cps
Beryllium	9-1	112408	111026	113208	112214	0.98	cps
Bismuth	209-1	4125013	4247729	4250240	4207661	1.70	cps
Bismuth	209-2	1019132	1025971	973940	1006348	2.81	cps
Boron	10-1	12731	13006	12965	12901	1.15	cps
Boron	11-1	56939	58428	59675	58347	2.35	cps
Cadmium	111-1	199595	199093	199245	199311	0.13	cps
Cadmium	106-1	21585	21209	21443	21412	0.89	cps
Cadmium	108-1	14162	14116	14525	14268	1.57	cps
Calcium	43-1	185713	184313	184075	184700	0.48	cps
Calcium	44-1	3057501	3029249	3016829	3034526	0.69	cps
Chromium	52-2	80275	79467	74993	78245	3.64	cps
Cobalt	59-2	171794	170963	162645	168468	3.00	cps
Copper	63-2	294720	293747	278514	288994	3.14	cps
Dysprosium	156-1	8	33	42	28	62.46	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	6057943	6196906	6203604	6152818	1.34	cps
Holmium	165-2	1276890	1279906	1210397	1255731	3.13	cps
Indium	115-1	4899219	5002202	4990801	4964074	1.14	cps
Indium	115-2	217129	215243	204748	212373	3.14	cps
Iron	56-2	2794821	2763349	2613090	2723754	3.57	cps
Iron	57-2	67524	67798	64684	66669	2.59	cps
Lead	206-1	615637	617535	618365	617179	0.23	cps
Lead	207-1	553000	562763	558705	558156	0.88	cps
Lead	208-1	2500837	2527888	2516603	2515109	0.54	cps
Lithium	6-1	732263	738757	744301	738440	0.82	cps
Magnesium	24-2	281375	282853	264109	276112	3.77	cps
Manganese	55-2	47266	46139	43214	45540	4.59	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:04	DataFile Name :	007CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1543284	1535525	1556130	1544980	0.67	cps
Molybdenum	95-1	1867535	1898380	1930201	1898705	1.65	cps
Molybdenum	96-1	2105280	2117778	2132059	2118372	0.63	cps
Molybdenum	97-1	1160979	1162772	1156395	1160049	0.28	cps
Molybdenum	98-1	3056049	3032547	3030299	3039632	0.47	cps
Neodymium	150-1	47	53	40	47	14.29	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	49514	49140	47223	48626	2.53	cps
Phosphorus	31-2	792	783	867	814	5.64	cps
Potassium	39-2	85794	84831	76994	82539	5.85	cps
Rhodium	103-1	4433318	4517324	4562186	4504276	1.45	cps
Rhodium	103-2	1190161	1191095	1124238	1168498	3.28	cps
Scandium	45-1	2647519	2653228	2653363	2651370	0.13	cps
Scandium	45-2	21684	21427	20232	21114	3.67	cps
Selenium	77-2	70	107	57	78	33.29	cps
Selenium	78-2	276	226	226	243	11.90	cps
Selenium	82-1	12268	12031	12303	12200	1.21	cps
Silicon	28-1	840547	845967	854918	847144	0.86	cps
Silver	109-1	924709	932494	920392	925865	0.66	cps
Silver	107-1	968438	962213	964406	965019	0.33	cps
Sodium	23-2	664906	660133	625175	650071	3.34	cps
Strontium	86-1	240002	243382	244434	242606	0.95	cps
Strontium	88-1	2093308	2142086	2151072	2128822	1.46	cps
Sulfur	34-1	424188	424307	417316	421937	0.95	cps
Terbium	159-1	6283409	6376338	6425797	6361848	1.14	cps
Terbium	159-2	1226303	1225021	1162474	1204599	3.03	cps
Thallium	203-1	763094	766596	757450	762380	0.61	cps
Thallium	205-1	1838894	1847691	1840561	1842382	0.25	cps
Tin	118-1	636441	640566	635728	637578	0.41	cps
Titanium	47-1	465452	461791	458449	461897	0.76	cps
Uranium	238-1	2508083	2542420	2537282	2529262	0.73	cps
Vanadium	51-2	58944	59603	55801	58116	3.50	cps
Yttrium	89-1	5010976	5135966	5134032	5093658	1.41	cps
Yttrium	89-2	161091	160365	151788	157748	3.28	cps
Zinc	66-2	28256	27654	26155	27355	3.96	cps
Zirconium	90-1	1268911	1275812	1283562	1276095	0.57	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:01:04	DataFile Name :	007CALS_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283308	282112	284237	283219	0.38	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:29	DataFile Name :	008CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23646	23479	22978	23367	1.49	cps
Antimony	121-1	1957787	1939729	1930759	1942758	0.71	cps
Arsenic	75-2	20512	20541	20560	20538	0.12	cps
Barium	135-1	2036998	2007091	2025719	2023269	0.75	cps
Barium	137-1	3512616	3505154	3508410	3508727	0.11	cps
Beryllium	9-1	219673	221229	218822	219908	0.56	cps
Bismuth	209-1	4243486	4298350	4285362	4275733	0.67	cps
Bismuth	209-2	850535	1011526	1023006	961689	10.03	cps
Boron	10-1	24380	24197	25123	24566	2.00	cps
Boron	11-1	113152	117377	117973	116167	2.26	cps
Cadmium	111-1	395584	394215	397841	395880	0.46	cps
Cadmium	106-1	41432	41156	41540	41376	0.48	cps
Cadmium	108-1	28334	28622	28163	28373	0.82	cps
Calcium	43-1	361087	362441	362052	361860	0.19	cps
Calcium	44-1	5943665	5868670	5868492	5893609	0.74	cps
Chromium	52-2	153950	153117	153134	153400	0.31	cps
Cobalt	59-2	334080	332980	333216	333425	0.17	cps
Copper	63-2	577837	576056	573036	575643	0.42	cps
Dysprosium	156-1	25	58	8	31	83.33	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	58	33	17	36	58.08	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	6215974	6238729	6207465	6220723	0.26	cps
Holmium	165-2	1067322	1253305	1282738	1201122	9.72	cps
Indium	115-1	4907014	4931953	4954007	4930991	0.48	cps
Indium	115-2	180034	211370	215452	202285	9.58	cps
Iron	56-2	5350069	5304723	5261938	5305577	0.83	cps
Iron	57-2	134100	131547	132003	132550	1.03	cps
Lead	206-1	1236076	1234886	1234019	1234994	0.08	cps
Lead	207-1	1118915	1119818	1127147	1121960	0.40	cps
Lead	208-1	5159879	5128949	5198905	5162578	0.68	cps
Lithium	6-1	726945	729144	728148	728079	0.15	cps
Magnesium	24-2	555846	552363	544911	551040	1.01	cps
Manganese	55-2	91088	89903	90528	90506	0.65	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:29	DataFile Name :	008CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3062116	3037890	3094988	3064998	0.94	cps
Molybdenum	95-1	3771256	3736227	3750773	3752752	0.47	cps
Molybdenum	96-1	4192258	4222033	4215511	4209934	0.37	cps
Molybdenum	97-1	2399110	2374904	2377629	2383881	0.56	cps
Molybdenum	98-1	6039216	5979747	6007361	6008775	0.50	cps
Neodymium	150-1	87	107	73	89	18.87	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	97928	97394	97572	97631	0.28	cps
Phosphorus	31-2	1584	1558	1759	1634	6.67	cps
Potassium	39-2	162527	160665	162106	161766	0.60	cps
Rhodium	103-1	4512265	4482653	4494140	4496353	0.33	cps
Rhodium	103-2	982024	1156301	1171774	1103367	9.55	cps
Scandium	45-1	2647215	2613564	2636331	2632370	0.65	cps
Scandium	45-2	17992	21290	21617	20300	9.88	cps
Selenium	77-2	163	127	150	147	12.65	cps
Selenium	78-2	446	498	563	502	11.63	cps
Selenium	82-1	24211	23943	23917	24024	0.68	cps
Silicon	28-1	1163288	1186700	1178518	1176169	1.01	cps
Silver	109-1	1892334	1870818	1877372	1880175	0.59	cps
Silver	107-1	1975059	1950486	1922438	1949328	1.35	cps
Sodium	23-2	1303946	1300860	1291904	1298904	0.48	cps
Strontium	86-1	478707	480837	477098	478881	0.39	cps
Strontium	88-1	4203597	4211576	4175712	4196962	0.45	cps
Sulfur	34-1	460882	458266	457294	458814	0.40	cps
Terbium	159-1	6366548	6417256	6357016	6380273	0.51	cps
Terbium	159-2	1022746	1208692	1226794	1152744	9.80	cps
Thallium	203-1	1532345	1522687	1511729	1522254	0.68	cps
Thallium	205-1	3719787	3692123	3668381	3693430	0.70	cps
Tin	118-1	1274908	1271736	1264352	1270332	0.43	cps
Titanium	47-1	915030	909413	910451	911631	0.33	cps
Uranium	238-1	5066726	5087759	5140030	5098172	0.74	cps
Vanadium	51-2	115773	114241	116234	115416	0.90	cps
Yttrium	89-1	5074046	5081693	5045958	5067232	0.37	cps
Yttrium	89-2	133058	157300	159383	149914	9.76	cps
Zinc	66-2	54484	53901	54038	54141	0.56	cps
Zirconium	90-1	2587570	2561941	2571341	2573618	0.50	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:04:29	DataFile Name :	008CALS_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	565342	561821	566225	564463	0.41	cps

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 15:07:49 DataFile Name : 009CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45808	45474	43526	44936	2.74	cps
Antimony	121-1	3789233	3833177	3829925	3817445	0.64	cps
Arsenic	75-2	40166	40019	40608	40264	0.76	cps
Barium	135-1	3994105	4024090	4026939	4015045	0.45	cps
Barium	137-1	6857173	6881054	6859116	6865781	0.19	cps
Beryllium	9-1	429776	428913	426692	428460	0.37	cps
Bismuth	209-1	4230203	4267553	4185063	4227606	0.98	cps
Bismuth	209-2	1006035	1005713	998246	1003331	0.44	cps
Boron	10-1	48266	49545	50807	49539	2.57	cps
Boron	11-1	228229	231303	230931	230154	0.73	cps
Cadmium	111-1	780644	793767	780934	785115	0.95	cps
Cadmium	106-1	81857	84103	80498	82153	2.22	cps
Cadmium	108-1	55660	54359	56928	55649	2.31	cps
Calcium	43-1	725816	719261	717839	720972	0.59	cps
Calcium	44-1	11716357	11727585	11685602	11709848	0.19	cps
Chromium	52-2	302456	303447	302066	302657	0.24	cps
Cobalt	59-2	652404	653198	655022	653541	0.21	cps
Copper	63-2	1127668	1127109	1118126	1124301	0.48	cps
Dysprosium	156-1	42	42	67	50	28.87	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	50	25	8	28	75.51	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	17	17	28	69.27	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	6334680	6218516	6299849	6284348	0.95	cps
Holmium	165-2	1269396	1258639	1265972	1264669	0.43	cps
Indium	115-1	4889625	4968423	4881014	4913020	0.98	cps
Indium	115-2	208292	208526	209682	208833	0.36	cps
Iron	56-2	10332430	10309180	10342106	10327905	0.16	cps
Iron	57-2	262445	259302	260103	260617	0.63	cps
Lead	206-1	2506524	2521118	2503888	2510510	0.37	cps
Lead	207-1	2336661	2316184	2308223	2320356	0.63	cps
Lead	208-1	10401924	10330174	10232077	10321392	0.83	cps
Lithium	6-1	720104	712174	719196	717158	0.61	cps
Magnesium	24-2	1070757	1068170	1068020	1068982	0.14	cps
Manganese	55-2	177907	177106	176536	177183	0.39	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:07:49	DataFile Name :	009CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6117667	6041030	6065850	6074849	0.64	cps
Molybdenum	95-1	7361274	7427454	7385536	7391421	0.45	cps
Molybdenum	96-1	8301712	8160741	8247043	8236499	0.86	cps
Molybdenum	97-1	4681030	4640812	4717754	4679866	0.82	cps
Molybdenum	98-1	11930214	11900845	11945126	11925395	0.19	cps
Neodymium	150-1	120	120	240	160	43.30	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	189716	188814	189135	189222	0.24	cps
Phosphorus	31-2	3259	3484	3176	3306	4.83	cps
Potassium	39-2	313905	313578	313653	313712	0.05	cps
Rhodium	103-1	4434938	4425447	4403539	4421308	0.36	cps
Rhodium	103-2	1146951	1136630	1142209	1141930	0.45	cps
Scandium	45-1	2608160	2622275	2604050	2611495	0.37	cps
Scandium	45-2	21300	21033	20946	21093	0.87	cps
Selenium	77-2	257	267	270	264	2.62	cps
Selenium	78-2	937	917	969	941	2.78	cps
Selenium	82-1	47992	47666	47811	47823	0.34	cps
Silicon	28-1	1913654	1952821	1989135	1951870	1.93	cps
Silver	109-1	3709005	3713743	3749190	3723979	0.59	cps
Silver	107-1	3870093	3830905	3795565	3832188	0.97	cps
Sodium	23-2	2514852	2506248	2492400	2504500	0.45	cps
Strontium	86-1	956653	954488	952878	954673	0.20	cps
Strontium	88-1	8346626	8264954	8322461	8311347	0.50	cps
Sulfur	34-1	547430	554291	549754	550492	0.63	cps
Terbium	159-1	6471701	6375983	6412140	6419941	0.75	cps
Terbium	159-2	1215985	1205125	1212719	1211276	0.46	cps
Thallium	203-1	3117832	3122852	3115294	3118659	0.12	cps
Thallium	205-1	7315208	7295656	7229889	7280251	0.61	cps
Tin	118-1	2607326	2597901	2590885	2598704	0.32	cps
Titanium	47-1	1844417	1849599	1847148	1847054	0.14	cps
Uranium	238-1	10198873	10211083	10022715	10144224	1.04	cps
Vanadium	51-2	228912	227116	227388	227805	0.42	cps
Yttrium	89-1	5054081	5048338	5114741	5072387	0.73	cps
Yttrium	89-2	155314	156636	158334	156761	0.97	cps
Zinc	66-2	106149	105924	105386	105820	0.37	cps
Zirconium	90-1	5099136	5002029	5048722	5049962	0.96	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:07:49	DataFile Name :	009CALS_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1129832	1117185	1131126	1126048	0.68	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:11:06	DataFile Name :	010CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89012	87519	88031	88187	0.86	cps
Antimony	121-1	7485610	7483745	7397915	7455757	0.67	cps
Arsenic	75-2	79795	79495	79665	79652	0.19	cps
Barium	135-1	7859704	7963572	7781446	7868241	1.16	cps
Barium	137-1	13744589	13657757	13513610	13638652	0.86	cps
Beryllium	9-1	826515	823732	819206	823151	0.45	cps
Bismuth	209-1	4188929	4126758	4115408	4143698	0.96	cps
Bismuth	209-2	984189	985651	982467	984102	0.16	cps
Boron	10-1	93168	99476	96146	96264	3.28	cps
Boron	11-1	446063	447012	452569	448548	0.78	cps
Cadmium	111-1	1533245	1537055	1522905	1531068	0.48	cps
Cadmium	106-1	158682	159728	155647	158019	1.34	cps
Cadmium	108-1	109502	109188	107777	108822	0.84	cps
Calcium	43-1	1434389	1438042	1432491	1434974	0.20	cps
Calcium	44-1	23028477	22767664	23146340	22980827	0.84	cps
Chromium	52-2	586581	595385	591350	591105	0.75	cps
Cobalt	59-2	1273792	1268223	1272327	1271448	0.23	cps
Copper	63-2	2198342	2211680	2206391	2205471	0.30	cps
Dysprosium	156-1	83	100	125	103	20.41	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	58	25	36	53.30	cps
Erbium	164-2	0	17	7	8	107.84	cps
Gadolinium	160-1	50	100	58	69	38.58	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	6208894	6244031	6263579	6238834	0.44	cps
Holmium	165-2	1246460	1258854	1248604	1251306	0.53	cps
Indium	115-1	4743319	4790280	4759074	4764224	0.50	cps
Indium	115-2	200559	200161	201016	200579	0.21	cps
Iron	56-2	20130760	20320160	20150520	20200480	0.52	cps
Iron	57-2	501094	508593	509062	506249	0.88	cps
Lead	206-1	4937630	4900473	4891177	4909760	0.50	cps
Lead	207-1	4578459	4544269	4497078	4539935	0.90	cps
Lead	208-1	20302260	20034715	19883182	20073386	1.06	cps
Lithium	6-1	701588	695580	701381	699516	0.49	cps
Magnesium	24-2	2118076	2116762	2115261	2116699	0.07	cps
Manganese	55-2	344779	347968	344945	345897	0.52	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:11:06	DataFile Name :	010CAL5_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11921708	11901032	11852210	11891650	0.30	cps
Molybdenum	95-1	14624932	14640164	14555670	14606922	0.31	cps
Molybdenum	96-1	16222598	16219267	16202164	16214676	0.07	cps
Molybdenum	97-1	9204357	9177811	9104582	9162250	0.56	cps
Molybdenum	98-1	23402044	23603893	23414648	23473529	0.48	cps
Neodymium	150-1	327	293	327	316	6.10	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	365595	365524	368018	366379	0.39	cps
Phosphorus	31-2	6218	6260	5910	6129	3.12	cps
Potassium	39-2	604199	609112	601489	604933	0.64	cps
Rhodium	103-1	4344953	4293161	4345758	4327957	0.70	cps
Rhodium	103-2	1120638	1122197	1113115	1118650	0.43	cps
Scandium	45-1	2585985	2550263	2589943	2575397	0.85	cps
Scandium	45-2	20612	20832	20719	20721	0.53	cps
Selenium	77-2	483	540	510	511	5.55	cps
Selenium	78-2	1833	1908	1933	1892	2.74	cps
Selenium	82-1	94400	93404	93748	93851	0.54	cps
Silicon	28-1	2780627	2771631	2759932	2770730	0.37	cps
Silver	109-1	7181323	7208595	7132730	7174216	0.54	cps
Silver	107-1	7397402	7445529	7383525	7408819	0.44	cps
Sodium	23-2	4824599	4825489	4796867	4815652	0.34	cps
Strontium	86-1	1892808	1920994	1897980	1903927	0.79	cps
Strontium	88-1	16285273	16426865	16290419	16334186	0.49	cps
Sulfur	34-1	740551	734338	734709	736533	0.47	cps
Terbium	159-1	6419636	6406302	6421758	6415899	0.13	cps
Terbium	159-2	1199194	1197018	1195752	1197321	0.15	cps
Thallium	203-1	6035038	6071339	6027410	6044595	0.39	cps
Thallium	205-1	14380871	14207276	14245101	14277749	0.64	cps
Tin	118-1	5034350	5029218	4999564	5021044	0.37	cps
Titanium	47-1	3625674	3585219	3587340	3599411	0.63	cps
Uranium	238-1	20010898	19831738	19612144	19818260	1.01	cps
Vanadium	51-2	448236	450448	449189	449291	0.25	cps
Yttrium	89-1	5067193	4995405	5023185	5028594	0.72	cps
Yttrium	89-2	154518	154249	154037	154268	0.16	cps
Zinc	66-2	203124	204811	203759	203898	0.42	cps
Zirconium	90-1	9997258	9879874	9927267	9934800	0.59	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:11:06	DataFile Name :	010CALS_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2263872	2271678	2261618	2265723	0.23	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:14:20	DataFile Name :	011CAL5_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	423834	422228	419737	421933	0.49	cps
Antimony	121-1	7803	7502	7611	7639	1.99	cps
Arsenic	75-2	39	26	26	30	24.74	cps
Barium	135-1	1734	2017	1917	1889	7.61	cps
Barium	137-1	3751	3001	3326	3359	11.20	cps
Beryllium	9-1	689	583	628	633	8.37	cps
Bismuth	209-1	3954140	3911852	3894338	3920110	0.78	cps
Bismuth	209-2	923293	916676	940285	926752	1.31	cps
Boron	10-1	4876	4159	3626	4220	14.87	cps
Boron	11-1	19706	18262	17862	18610	5.21	cps
Cadmium	111-1	666	805	805	759	10.59	cps
Cadmium	106-1	708	867	900	825	12.41	cps
Cadmium	108-1	25	21	29	25	16.68	cps
Calcium	43-1	6713501	6649273	6810845	6724539	1.21	cps
Calcium	44-1	109592240	109821065	109634644	109682650	0.11	cps
Chromium	52-2	5008	5244	5501	5251	4.70	cps
Cobalt	59-2	1270	1363	1410	1348	5.29	cps
Copper	63-2	2267	2424	2267	2319	3.90	cps
Dysprosium	156-1	75	58	75	69	13.85	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	67	50	100	72	35.25	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	6083414	6050078	6048300	6060598	0.33	cps
Holmium	165-2	1220083	1214949	1244842	1226625	1.30	cps
Indium	115-1	4629774	4551709	4634878	4605453	1.01	cps
Indium	115-2	196536	196206	199806	197516	1.01	cps
Iron	56-2	93829677	94060824	93661327	93850610	0.21	cps
Iron	57-2	2413389	2422031	2393625	2409681	0.60	cps
Lead	206-1	8170	8186	8092	8149	0.62	cps
Lead	207-1	7275	7041	7363	7226	2.30	cps
Lead	208-1	33363	32495	32461	32773	1.56	cps
Lithium	6-1	672437	677017	676225	675226	0.36	cps
Magnesium	24-2	10149635	9993737	10098831	10080734	0.79	cps
Manganese	55-2	687	847	747	760	10.64	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:14:20	DataFile Name :	011CAL5_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4501	4309	4634	4481	3.65	cps
Molybdenum	95-1	7803	7828	7336	7655	3.62	cps
Molybdenum	96-1	9087	9204	8812	9034	2.23	cps
Molybdenum	97-1	4343	4534	4259	4379	3.22	cps
Molybdenum	98-1	10922	11122	10079	10707	5.17	cps
Neodymium	150-1	73	100	67	80	22.04	cps
Neodymium	150-2	23	17	3	14	70.51	cps
Nickel	60-2	2317	2317	2334	2322	0.42	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	2810342	2801978	2781823	2798048	0.52	cps
Rhodium	103-1	4058358	4040609	4038446	4045804	0.27	cps
Rhodium	103-2	1040706	1026167	1062330	1043068	1.74	cps
Scandium	45-1	2469776	2459586	2495596	2474986	0.75	cps
Scandium	45-2	19430	19707	19183	19440	1.35	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	24	-2	-8	5	361.06	cps
Silicon	28-1	485138	489698	489807	488214	0.55	cps
Silver	109-1	425	475	542	481	12.18	cps
Silver	107-1	567	525	508	533	5.63	cps
Sodium	23-2	22379920	22355134	22403729	22379595	0.11	cps
Strontium	86-1	60284	59656	59748	59896	0.57	cps
Strontium	88-1	514240	520799	522099	519046	0.81	cps
Sulfur	34-1	322187	325826	324737	324250	0.58	cps
Terbium	159-1	6213292	6270538	6225205	6236345	0.48	cps
Terbium	159-2	1166488	1160921	1191418	1172942	1.38	cps
Thallium	203-1	2950	2792	2484	2742	8.66	cps
Thallium	205-1	6744	6310	6185	6413	4.57	cps
Tin	118-1	5110	5143	5210	5154	0.99	cps
Titanium	47-1	792	742	550	694	18.37	cps
Uranium	238-1	1167	1100	1225	1164	5.37	cps
Vanadium	51-2	57	90	80	76	22.64	cps
Yttrium	89-1	4808644	4836138	4755810	4800197	0.85	cps
Yttrium	89-2	146738	148685	152129	149184	1.83	cps
Zinc	66-2	623	627	560	603	6.23	cps
Zirconium	90-1	1559	1809	2000	1789	12.38	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:14:20	DataFile Name :	011CALS_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	392	558	428	27.30	cps

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 15:33:00 DataFile Name : 012ICV01_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2634	2450	2459	2514	4.12	cps
Antimony	121-1	1433267	1429366	1438489	1433707	0.32	cps
Arsenic	75-2	15963	16083	16319	16122	1.12	cps
Barium	135-1	152137	151414	156447	153333	1.77	cps
Barium	137-1	266366	271215	269079	268887	0.90	cps
Beryllium	9-1	84843	84424	83899	84389	0.56	cps
Bismuth	209-1	4239243	4235495	4264336	4246358	0.37	cps
Bismuth	209-2	1044631	1041969	1047277	1044626	0.25	cps
Boron	10-1	55282	56638	56170	56030	1.23	cps
Boron	11-1	263859	266379	266337	265525	0.54	cps
Cadmium	111-1	158594	158431	157835	158287	0.25	cps
Cadmium	106-1	26711	25801	26619	26377	1.90	cps
Cadmium	108-1	14583	14429	14012	14341	2.06	cps
Calcium	43-1	31553	31871	32438	31954	1.40	cps
Calcium	44-1	506190	507917	502312	505473	0.57	cps
Chromium	52-2	60738	60152	60346	60412	0.49	cps
Cobalt	59-2	133980	131321	132835	132712	1.00	cps
Copper	63-2	115132	115135	115404	115224	0.14	cps
Dysprosium	156-1	50	33	42	42	20.00	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	92	33	83	69	45.44	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	58	83	50	64	27.15	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	6214829	6205011	6168904	6196248	0.39	cps
Holmium	165-2	1286407	1285700	1292436	1288181	0.29	cps
Indium	115-1	5002027	4958818	4962742	4974529	0.48	cps
Indium	115-2	217302	216652	220492	218149	0.94	cps
Iron	56-2	420998	416623	413108	416910	0.95	cps
Iron	57-2	10271	10198	10376	10282	0.87	cps
Lead	206-1	966796	981159	982584	976846	0.89	cps
Lead	207-1	846428	854039	854539	851669	0.53	cps
Lead	208-1	3974993	3994850	3991214	3987019	0.27	cps
Lithium	6-1	748151	742882	747438	746157	0.38	cps
Magnesium	24-2	26659	26901	25065	26208	3.81	cps
Manganese	55-2	17471	17528	17922	17640	1.39	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:33:00	DataFile Name :	012ICV01_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2719927	2754073	2800025	2758008	1.46	cps
Molybdenum	95-1	1473062	1508281	1498919	1493421	1.22	cps
Molybdenum	96-1	1909018	1926907	1941811	1925912	0.85	cps
Molybdenum	97-1	901464	913523	918082	911023	0.94	cps
Molybdenum	98-1	2361358	2408785	2406349	2392164	1.12	cps
Neodymium	150-1	20	27	33	27	24.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	39128	38945	38971	39015	0.25	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	27186	26392	28580	27386	4.04	cps
Rhodium	103-1	4520752	4572398	4530327	4541159	0.60	cps
Rhodium	103-2	1203887	1193796	1210800	1202828	0.71	cps
Scandium	45-1	2653287	2643578	2652602	2649822	0.20	cps
Scandium	45-2	22368	21614	22061	22014	1.72	cps
Selenium	77-2	143	117	97	119	19.69	cps
Selenium	78-2	396	387	422	402	4.54	cps
Selenium	82-1	19246	18925	18926	19032	0.97	cps
Silicon	28-1	1601041	1577131	1595421	1591198	0.79	cps
Silver	109-1	713681	715445	711090	713405	0.31	cps
Silver	107-1	746616	739103	742610	742776	0.51	cps
Sodium	23-2	112089	113551	114961	113534	1.26	cps
Strontium	86-1	942352	950376	946707	946478	0.42	cps
Strontium	88-1	8237129	8190932	8211069	8213043	0.28	cps
Sulfur	34-1	350604	355064	348689	351453	0.93	cps
Terbium	159-1	6380937	6401854	6405699	6396163	0.21	cps
Terbium	159-2	1231264	1235515	1244938	1237239	0.57	cps
Thallium	203-1	1225743	1218708	1218301	1220917	0.34	cps
Thallium	205-1	2986641	2975562	2956836	2973013	0.51	cps
Tin	118-1	2536516	2556551	2558703	2550590	0.48	cps
Titanium	47-1	361642	361476	364292	362470	0.44	cps
Uranium	238-1	10127200	10192791	10183764	10167919	0.35	cps
Vanadium	51-2	45597	45708	45046	45450	0.78	cps
Yttrium	89-1	5092236	5149355	5188116	5143236	0.94	cps
Yttrium	89-2	163376	162179	162347	162634	0.40	cps
Zinc	66-2	21774	21130	22101	21668	2.28	cps
Zirconium	90-1	5183380	5285033	5262109	5243507	1.02	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:33:00	DataFile Name :	012ICV01_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1151026	1154186	1159118	1154776	0.35	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:48:27	DataFile Name :	013LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	50	75	92	56.78	cps
Antimony	121-1	13708	13666	13582	13652	0.47	cps
Arsenic	75-2	80	83	74	79	5.89	cps
Barium	135-1	14066	13883	13841	13930	0.86	cps
Barium	137-1	24398	23814	25242	24485	2.93	cps
Beryllium	9-1	1106	972	950	1009	8.34	cps
Bismuth	209-1	4044138	4099497	4159947	4101194	1.41	cps
Bismuth	209-2	977094	992333	1001650	990359	1.25	cps
Boron	10-1	2250	2742	2517	2503	9.83	cps
Boron	11-1	11722	12923	12806	12484	5.31	cps
Cadmium	111-1	2107	2005	2082	2065	2.58	cps
Cadmium	106-1	1017	867	1075	986	10.90	cps
Cadmium	108-1	96	92	71	86	15.56	cps
Calcium	43-1	7194	7844	7127	7388	5.36	cps
Calcium	44-1	121893	122632	120725	121750	0.79	cps
Chromium	52-2	1500	1560	1377	1479	6.32	cps
Cobalt	59-2	1307	1410	1360	1359	3.80	cps
Copper	63-2	2154	2264	2277	2231	3.03	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	0	33	25	88.19	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	5915533	6001208	6109006	6008583	1.61	cps
Holmium	165-2	1204818	1215179	1237151	1219049	1.35	cps
Indium	115-1	4769153	4868227	4946119	4861166	1.82	cps
Indium	115-2	209032	212685	214419	212046	1.30	cps
Iron	56-2	21523	21378	21311	21404	0.51	cps
Iron	57-2	506	544	450	500	9.49	cps
Lead	206-1	4657	4740	4707	4701	0.89	cps
Lead	207-1	4234	4473	4134	4280	4.07	cps
Lead	208-1	19090	19962	19251	19434	2.39	cps
Lithium	6-1	708323	719202	726930	718152	1.30	cps
Magnesium	24-2	11005	10171	10421	10532	4.06	cps
Manganese	55-2	210	180	200	197	7.77	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:48:27	DataFile Name :	013LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11005	11430	10263	10899	5.42	cps
Molybdenum	95-1	13490	14091	13182	13588	3.40	cps
Molybdenum	96-1	15192	14592	15476	15087	2.99	cps
Molybdenum	97-1	8345	8386	7928	8220	3.09	cps
Molybdenum	98-1	21802	22052	20975	21610	2.61	cps
Neodymium	150-1	33	7	7	16	98.94	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	670	673	603	649	6.09	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	8370	7928	8153	8150	2.71	cps
Rhodium	103-1	4358165	4423597	4548180	4443314	2.17	cps
Rhodium	103-2	1144280	1148988	1159787	1151018	0.69	cps
Scandium	45-1	2531040	2602020	2643933	2592331	2.20	cps
Scandium	45-2	20595	21440	21036	21024	2.01	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	9	13	17	13	28.58	cps
Selenium	82-1	387	442	472	434	9.86	cps
Silicon	28-1	414137	413455	411977	413190	0.27	cps
Silver	109-1	6760	6702	7252	6905	4.38	cps
Silver	107-1	7444	6760	6869	7024	5.23	cps
Sodium	23-2	37225	37409	36314	36982	1.59	cps
Strontium	86-1	2234	2084	2067	2128	4.31	cps
Strontium	88-1	15168	14909	14817	14964	1.21	cps
Sulfur	34-1	352079	350865	350791	351245	0.21	cps
Terbium	159-1	6103819	6168626	6291142	6187863	1.54	cps
Terbium	159-2	1154120	1170629	1184837	1169862	1.31	cps
Thallium	203-1	5852	6219	5868	5979	3.47	cps
Thallium	205-1	13666	13299	12874	13280	2.99	cps
Tin	118-1	23346	23296	22578	23074	1.86	cps
Titanium	47-1	3601	3476	3259	3445	5.02	cps
Uranium	238-1	18022	17647	16862	17510	3.38	cps
Vanadium	51-2	2224	2040	2307	2190	6.23	cps
Yttrium	89-1	4867311	4989335	5095975	4984207	2.30	cps
Yttrium	89-2	153703	154731	156475	154970	0.90	cps
Zinc	66-2	283	280	260	274	4.60	cps
Zirconium	90-1	9987	9654	10004	9882	2.00	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:48:27	DataFile Name :	013LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2250	2059	2375	2228	7.16	cps

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 15:51:39 DataFile Name : 014CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	0	6	173.21	cps
Antimony	121-1	192	183	192	189	2.55	cps
Arsenic	75-2	0	2	0	1	173.21	cps
Barium	135-1	8	25	33	22	57.30	cps
Barium	137-1	42	50	17	36	48.03	cps
Beryllium	9-1	122	161	128	137	15.35	cps
Bismuth	209-1	4024550	4046872	4028144	4033189	0.30	cps
Bismuth	209-2	994257	987250	999797	993768	0.63	cps
Boron	10-1	608	483	517	536	12.07	cps
Boron	11-1	2600	2492	2459	2517	2.94	cps
Cadmium	111-1	630	522	590	581	9.47	cps
Cadmium	106-1	883	733	858	825	9.74	cps
Cadmium	108-1	13	0	21	11	94.37	cps
Calcium	43-1	900	775	1167	947	21.12	cps
Calcium	44-1	16302	16068	16319	16229	0.86	cps
Chromium	52-2	283	323	270	292	9.50	cps
Cobalt	59-2	47	47	33	42	18.24	cps
Copper	63-2	107	97	103	102	4.98	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	5912381	5916199	5898800	5909127	0.15	cps
Holmium	165-2	1216481	1211451	1228842	1218925	0.73	cps
Indium	115-1	4819118	4792256	4763117	4791497	0.58	cps
Indium	115-2	213708	210405	212636	212250	0.79	cps
Iron	56-2	1400	1595	1411	1469	7.44	cps
Iron	57-2	17	17	33	22	43.28	cps
Lead	206-1	278	306	283	289	5.09	cps
Lead	207-1	283	294	289	289	1.92	cps
Lead	208-1	1145	1172	1222	1180	3.34	cps
Lithium	6-1	709460	712977	711329	711255	0.25	cps
Magnesium	24-2	275	317	267	286	9.36	cps
Manganese	55-2	10	23	10	14	53.28	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:51:39	DataFile Name :	014CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	67	100	111	45.83	cps
Molybdenum	95-1	25	50	83	53	55.46	cps
Molybdenum	96-1	50	58	25	44	39.04	cps
Molybdenum	97-1	75	42	33	50	44.10	cps
Molybdenum	98-1	58	50	83	64	27.15	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	320	297	317	311	4.06	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2709	2500	2792	2667	5.63	cps
Rhodium	103-1	4368858	4423681	4423513	4405350	0.72	cps
Rhodium	103-2	1159566	1152171	1158061	1156599	0.34	cps
Scandium	45-1	2522067	2550998	2543675	2538913	0.59	cps
Scandium	45-2	21046	20726	20959	20910	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-24	-53	-37	-38	-38.75	cps
Silicon	28-1	373803	381301	375960	377021	1.02	cps
Silver	109-1	50	50	33	44	21.66	cps
Silver	107-1	42	92	58	64	39.85	cps
Sodium	23-2	14158	13666	14208	14010	2.14	cps
Strontium	86-1	450	467	400	439	7.91	cps
Strontium	88-1	158	117	167	147	18.20	cps
Sulfur	34-1	346957	349055	347308	347773	0.32	cps
Terbium	159-1	6056773	6113308	6062062	6077381	0.51	cps
Terbium	159-2	1184894	1168739	1182474	1178702	0.74	cps
Thallium	203-1	175	133	158	156	13.48	cps
Thallium	205-1	433	600	400	478	22.43	cps
Tin	118-1	650	492	675	606	16.42	cps
Titanium	47-1	150	125	125	133	10.82	cps
Uranium	238-1	33	50	42	42	20.00	cps
Vanadium	51-2	10	3	3	6	69.34	cps
Yttrium	89-1	4850916	4893098	4963666	4902560	1.16	cps
Yttrium	89-2	157024	154791	156194	156003	0.72	cps
Zinc	66-2	20	27	37	28	30.20	cps
Zirconium	90-1	233	383	275	297	26.05	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:51:39	DataFile Name :	014CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	58	83	69	18.33	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:54:52	DataFile Name :	015ICSA01_P8011018M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	432205	431425	426934	430188	0.66	cps
Antimony	121-1	8036	8153	8161	8117	0.86	cps
Arsenic	75-2	31	22	24	26	18.90	cps
Barium	135-1	2367	2067	2100	2178	7.55	cps
Barium	137-1	4084	4218	3942	4081	3.37	cps
Beryllium	9-1	350	378	306	344	10.58	cps
Bismuth	209-1	3912147	3945760	3948141	3935349	0.51	cps
Bismuth	209-2	959253	967759	960013	962341	0.49	cps
Boron	10-1	758	758	708	742	3.89	cps
Boron	11-1	3292	3009	3376	3226	5.96	cps
Cadmium	111-1	1156	1141	1000	1099	7.83	cps
Cadmium	106-1	1017	867	817	900	11.57	cps
Cadmium	108-1	842	713	817	790	8.67	cps
Calcium	43-1	1439834	1438019	1433101	1436985	0.24	cps
Calcium	44-1	23228817	23089366	23240232	23186138	0.36	cps
Chromium	52-2	12142	12532	12839	12505	2.79	cps
Cobalt	59-2	1523	1640	1603	1589	3.76	cps
Copper	63-2	8830	8743	8813	8795	0.52	cps
Dysprosium	156-1	50	33	0	28	91.65	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	83	42	50	58	37.80	cps
Erbium	164-2	7	13	33	18	78.05	cps
Gadolinium	160-1	67	67	33	56	34.65	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	6067924	6006619	6065077	6046540	0.57	cps
Holmium	165-2	1238538	1252062	1244294	1244965	0.55	cps
Indium	115-1	4830571	4791338	4795607	4805839	0.45	cps
Indium	115-2	211763	211691	210559	211338	0.32	cps
Iron	56-2	41382201	41399777	41684541	41488840	0.41	cps
Iron	57-2	1042855	1038211	1041494	1040853	0.23	cps
Lead	206-1	24791	25048	24502	24780	1.10	cps
Lead	207-1	20055	19460	19326	19614	1.98	cps
Lead	208-1	93864	92850	91496	92737	1.28	cps
Lithium	6-1	691091	684144	695596	690277	0.84	cps
Magnesium	24-2	2177359	2184600	2152283	2171414	0.78	cps
Manganese	55-2	1497	1270	1523	1430	9.74	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:54:52	DataFile Name :	015ICSA01_P8011018M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3230492	3225483	3243962	3233312	0.30	cps
Molybdenum	95-1	5629123	5637829	5754446	5673799	1.23	cps
Molybdenum	96-1	6042691	6105563	6096829	6081694	0.56	cps
Molybdenum	97-1	3524181	3577509	3621824	3574505	1.37	cps
Molybdenum	98-1	8966761	9120088	9084910	9057253	0.89	cps
Neodymium	150-1	7	40	47	31	68.88	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2084	2304	2204	2197	5.01	cps
Phosphorus	31-2	31946	31929	32547	32140	1.10	cps
Potassium	39-2	1286970	1266233	1272504	1275236	0.83	cps
Rhodium	103-1	4277806	4336957	4378014	4330926	1.16	cps
Rhodium	103-2	1140796	1145047	1141527	1142457	0.20	cps
Scandium	45-1	2594857	2601893	2634893	2610548	0.82	cps
Scandium	45-2	22371	22138	21777	22095	1.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-33	71	3	14	383.74	cps
Silicon	28-1	487004	483730	489694	486809	0.61	cps
Silver	109-1	433	458	658	517	23.87	cps
Silver	107-1	350	425	633	469	31.27	cps
Sodium	23-2	5022719	4992668	5009899	5008429	0.30	cps
Strontium	86-1	63541	62662	62369	62857	0.97	cps
Strontium	88-1	553240	554133	550379	552584	0.35	cps
Sulfur	34-1	1958893	1948607	1945455	1950985	0.36	cps
Terbium	159-1	6187992	6211989	6206421	6202134	0.20	cps
Terbium	159-2	1197488	1199644	1190489	1195874	0.40	cps
Thallium	203-1	650	750	767	722	8.74	cps
Thallium	205-1	1592	1592	2067	1750	15.67	cps
Tin	118-1	1709	1542	1542	1597	6.03	cps
Titanium	47-1	1449676	1453346	1468963	1457329	0.70	cps
Uranium	238-1	392	425	442	419	6.07	cps
Vanadium	51-2	73	73	80	76	5.09	cps
Yttrium	89-1	5053783	4990118	5022471	5022124	0.63	cps
Yttrium	89-2	160086	160278	161660	160674	0.53	cps
Zinc	66-2	1293	1250	1237	1260	2.35	cps
Zirconium	90-1	717	717	900	778	13.61	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:54:52	DataFile Name :	015ICSA01_P8011018M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	133	192	147	26.75	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:57:59	DataFile Name :	016ICSB_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	439968	444062	444112	442714	0.54	cps
Antimony	121-1	155132	152098	154872	154034	1.09	cps
Arsenic	75-2	1745	1698	1771	1738	2.11	cps
Barium	135-1	32959	33109	34513	33527	2.56	cps
Barium	137-1	58120	58681	59360	58720	1.06	cps
Beryllium	9-1	17333	17672	17511	17505	0.97	cps
Bismuth	209-1	3933727	3915730	3983747	3944401	0.89	cps
Bismuth	209-2	982081	974188	983512	979927	0.51	cps
Boron	10-1	6102	6043	6385	6177	2.96	cps
Boron	11-1	27352	27669	29264	28095	3.65	cps
Cadmium	111-1	31959	31767	31714	31813	0.41	cps
Cadmium	106-1	4809	4526	4651	4662	3.05	cps
Cadmium	108-1	3109	3405	3050	3188	5.96	cps
Calcium	43-1	1474999	1481116	1496644	1484253	0.75	cps
Calcium	44-1	23771160	23920417	23817706	23836428	0.32	cps
Chromium	52-2	25507	25500	25186	25398	0.72	cps
Cobalt	59-2	28636	29107	29060	28935	0.90	cps
Copper	63-2	31937	32217	32104	32086	0.44	cps
Dysprosium	156-1	50	25	50	42	34.64	cps
Dysprosium	156-2	13	7	20	13	49.99	cps
Erbium	164-1	42	58	17	39	53.93	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	33	42	83	53	50.76	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	6070401	6062808	6092785	6075331	0.26	cps
Holmium	165-2	1277569	1275145	1279859	1277525	0.18	cps
Indium	115-1	4838291	4853840	4898483	4863538	0.64	cps
Indium	115-2	217281	219056	216696	217678	0.56	cps
Iron	56-2	42620157	42696109	42242384	42519550	0.57	cps
Iron	57-2	1069335	1067251	1060917	1065834	0.41	cps
Lead	206-1	118122	116384	118790	117765	1.05	cps
Lead	207-1	97410	98815	101319	99181	2.00	cps
Lead	208-1	455773	455808	463405	458329	0.96	cps
Lithium	6-1	697413	696587	695656	696552	0.13	cps
Magnesium	24-2	2279178	2216924	2250711	2248938	1.39	cps
Manganese	55-2	5231	5144	5001	5125	2.27	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:57:59	DataFile Name :	016ICSB_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3594437	3594252	3555642	3581443	0.62	cps
Molybdenum	95-1	5916870	5953478	5913218	5927855	0.38	cps
Molybdenum	96-1	6379634	6402582	6348346	6376854	0.43	cps
Molybdenum	97-1	3761117	3753674	3751186	3755325	0.14	cps
Molybdenum	98-1	9468765	9490709	9499288	9486254	0.17	cps
Neodymium	150-1	33	27	40	33	20.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	9970	10264	10064	10099	1.48	cps
Phosphorus	31-2	33524	33833	33015	33457	1.23	cps
Potassium	39-2	1328389	1323570	1325685	1325881	0.18	cps
Rhodium	103-1	4355343	4355552	4418726	4376540	0.83	cps
Rhodium	103-2	1166972	1158309	1163070	1162783	0.37	cps
Scandium	45-1	2640500	2692663	2655029	2662731	1.01	cps
Scandium	45-2	21560	22204	22301	22022	1.83	cps
Selenium	77-2	23	17	10	17	39.99	cps
Selenium	78-2	43	56	37	45	21.09	cps
Selenium	82-1	1903	1887	1877	1889	0.67	cps
Silicon	28-1	656978	659497	654700	657058	0.37	cps
Silver	109-1	133337	135199	136470	135002	1.17	cps
Silver	107-1	140729	141603	139162	140498	0.88	cps
Sodium	23-2	5140502	5134916	5200851	5158756	0.71	cps
Strontium	86-1	168453	167339	168606	168133	0.41	cps
Strontium	88-1	1478215	1479439	1491920	1483191	0.51	cps
Sulfur	34-1	2004068	1997751	1997418	1999745	0.19	cps
Terbium	159-1	6251097	6323196	6241339	6271877	0.71	cps
Terbium	159-2	1218221	1219345	1221687	1219751	0.14	cps
Thallium	203-1	116826	115951	114251	115676	1.13	cps
Thallium	205-1	279910	278307	278849	279022	0.29	cps
Tin	118-1	263772	265461	267314	265516	0.67	cps
Titanium	47-1	1545783	1533636	1538739	1539386	0.40	cps
Uranium	238-1	1007668	1007326	1010531	1008508	0.17	cps
Vanadium	51-2	9273	9483	9493	9417	1.32	cps
Yttrium	89-1	5192986	5133516	5063235	5129912	1.27	cps
Yttrium	89-2	164220	163674	164706	164200	0.31	cps
Zinc	66-2	3601	3551	3791	3647	3.47	cps
Zirconium	90-1	574001	574517	567398	571972	0.69	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 15:57:59	DataFile Name :	016ICSB_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	127997	125434	127274	126902	1.04	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:01:06	DataFile Name :	017CCV_P8011018MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243388	237183	239717	240096	1.30	cps
Antimony	121-1	3788838	3803689	3791227	3794585	0.21	cps
Arsenic	75-2	42428	42357	42383	42389	0.08	cps
Barium	135-1	3988941	4037727	4015393	4014020	0.61	cps
Barium	137-1	6870933	6939489	6887832	6899418	0.52	cps
Beryllium	9-1	433345	434404	428969	432240	0.67	cps
Bismuth	209-1	3972786	3958690	3978231	3969902	0.25	cps
Bismuth	209-2	986090	979768	988874	984911	0.47	cps
Boron	10-1	49386	50748	51016	50383	1.74	cps
Boron	11-1	228467	234036	235662	232722	1.62	cps
Cadmium	111-1	764859	766408	763616	764961	0.18	cps
Cadmium	106-1	79820	81328	79124	80090	1.41	cps
Cadmium	108-1	54234	54527	54833	54531	0.55	cps
Calcium	43-1	3679785	3685456	3675004	3680082	0.14	cps
Calcium	44-1	59632331	59877387	59426083	59645267	0.38	cps
Chromium	52-2	320443	317159	318727	318776	0.52	cps
Cobalt	59-2	675009	668025	669999	671011	0.54	cps
Copper	63-2	1131895	1127862	1118938	1126232	0.59	cps
Dysprosium	156-1	133	108	167	136	21.50	cps
Dysprosium	156-2	13	17	7	12	41.65	cps
Erbium	164-1	100	100	42	81	41.81	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	108	92	92	97	9.90	cps
Gadolinium	160-2	30	3	20	18	75.79	cps
Holmium	165-1	6157952	6187579	6191114	6178882	0.29	cps
Holmium	165-2	1300951	1277473	1284434	1287620	0.94	cps
Indium	115-1	4823814	4879455	4777084	4826784	1.06	cps
Indium	115-2	212264	211527	213242	212344	0.41	cps
Iron	56-2	52776761	52539030	52521121	52612304	0.27	cps
Iron	57-2	1334065	1317643	1319061	1323589	0.69	cps
Lead	206-1	2437345	2393590	2395548	2408828	1.03	cps
Lead	207-1	2257531	2231732	2237961	2242408	0.60	cps
Lead	208-1	9925896	9844475	9881510	9883960	0.41	cps
Lithium	6-1	704357	702666	701882	702968	0.18	cps
Magnesium	24-2	5571361	5519739	5529423	5540174	0.50	cps
Manganese	55-2	187270	183801	185618	185563	0.94	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:01:06	DataFile Name :	017CCV_P8011018MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6190588	6108982	6186824	6162131	0.75	cps
Molybdenum	95-1	7601184	7513294	7612500	7575659	0.72	cps
Molybdenum	96-1	8439528	8422121	8374378	8412009	0.40	cps
Molybdenum	97-1	4756827	4755198	4772039	4761355	0.20	cps
Molybdenum	98-1	12208150	12171255	12081618	12153674	0.54	cps
Neodymium	150-1	253	300	187	247	23.09	cps
Neodymium	150-2	10	23	10	14	53.28	cps
Nickel	60-2	194821	191429	193368	193206	0.88	cps
Phosphorus	31-2	3167	3017	3459	3214	6.99	cps
Potassium	39-2	1672489	1627314	1643002	1647602	1.39	cps
Rhodium	103-1	4384745	4393996	4327320	4368687	0.83	cps
Rhodium	103-2	1142179	1141170	1145651	1143000	0.21	cps
Scandium	45-1	2669499	2654116	2641768	2655128	0.52	cps
Scandium	45-2	22562	22048	22348	22319	1.16	cps
Selenium	77-2	290	287	313	297	4.90	cps
Selenium	78-2	948	932	939	940	0.89	cps
Selenium	82-1	47960	48073	47845	47959	0.24	cps
Silicon	28-1	1712804	1734433	1736941	1728059	0.77	cps
Silver	109-1	3581957	3593560	3585295	3586937	0.17	cps
Silver	107-1	3738260	3753215	3701568	3731014	0.71	cps
Sodium	23-2	12650997	12467491	12557775	12558754	0.73	cps
Strontium	86-1	992538	991521	989107	991055	0.18	cps
Strontium	88-1	8634886	8737572	8557443	8643300	1.05	cps
Sulfur	34-1	570355	562889	559884	564376	0.96	cps
Terbium	159-1	6394982	6363392	6399764	6386046	0.31	cps
Terbium	159-2	1233298	1227851	1236550	1232566	0.36	cps
Thallium	203-1	2996434	3026201	3034831	3019155	0.67	cps
Thallium	205-1	6978866	6964423	7010044	6984444	0.33	cps
Tin	118-1	2557939	2615278	2598267	2590495	1.14	cps
Titanium	47-1	1903598	1928983	1897028	1909870	0.88	cps
Uranium	238-1	9881160	9778192	9853942	9837765	0.54	cps
Vanadium	51-2	244912	241787	241608	242769	0.77	cps
Yttrium	89-1	5120513	5074046	5126871	5107143	0.56	cps
Yttrium	89-2	164211	162699	164446	163785	0.58	cps
Zinc	66-2	109928	109444	108446	109273	0.69	cps
Zirconium	90-1	5153310	5191542	5230475	5191776	0.74	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:01:06	DataFile Name :	017CCV_P8011018MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1152385	1159577	1157103	1156355	0.32	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:13:40	DataFile Name :	018LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	92	83	94	13.48	cps
Antimony	121-1	12256	13532	12431	12740	5.43	cps
Arsenic	75-2	72	120	54	82	41.92	cps
Barium	135-1	12298	13941	12940	13060	6.34	cps
Barium	137-1	21694	24607	22086	22796	6.94	cps
Beryllium	9-1	883	839	778	833	6.36	cps
Bismuth	209-1	3611191	4022416	3635977	3756528	6.14	cps
Bismuth	209-2	962644	952675	971816	962378	0.99	cps
Boron	10-1	2459	2617	2675	2584	4.34	cps
Boron	11-1	11238	11680	11847	11588	2.71	cps
Cadmium	111-1	1739	1952	1766	1819	6.38	cps
Cadmium	106-1	867	1000	900	922	7.52	cps
Cadmium	108-1	79	63	121	88	34.34	cps
Calcium	43-1	6427	7044	7002	6824	5.05	cps
Calcium	44-1	107955	121556	110954	113488	6.30	cps
Chromium	52-2	1500	1630	1577	1569	4.17	cps
Cobalt	59-2	1160	1353	1290	1268	7.77	cps
Copper	63-2	2284	2234	2227	2248	1.38	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	0	58	33	31	95.78	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	5275131	5884586	5261168	5473628	6.50	cps
Holmium	165-2	1186229	1179448	1194560	1186746	0.64	cps
Indium	115-1	4241968	4791975	4293483	4442475	6.84	cps
Indium	115-2	206161	204361	205050	205191	0.44	cps
Iron	56-2	21233	20888	21873	21332	2.34	cps
Iron	57-2	556	461	617	544	14.40	cps
Lead	206-1	4418	5051	4345	4605	8.43	cps
Lead	207-1	3967	4167	4206	4114	3.12	cps
Lead	208-1	17961	19534	18445	18647	4.32	cps
Lithium	6-1	622746	692795	634086	649876	5.79	cps
Magnesium	24-2	10688	9587	10271	10182	5.46	cps
Manganese	55-2	213	223	170	202	14.02	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:13:40	DataFile Name :	018LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9854	11439	10296	10530	7.77	cps
Molybdenum	95-1	11956	12715	11530	12067	4.97	cps
Molybdenum	96-1	12923	15309	13165	13799	9.52	cps
Molybdenum	97-1	7502	8220	7169	7630	7.04	cps
Molybdenum	98-1	17963	21535	19465	19654	9.13	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	673	660	610	648	5.15	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	8303	8161	8228	8231	0.86	cps
Rhodium	103-1	3866221	4375495	3988650	4076789	6.52	cps
Rhodium	103-2	1135176	1111510	1127363	1124683	1.07	cps
Scandium	45-1	2248031	2495376	2310792	2351400	5.47	cps
Scandium	45-2	20665	20088	20472	20408	1.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	11	20	14	37.66	cps
Selenium	82-1	381	466	438	429	10.10	cps
Silicon	28-1	396376	408756	400251	401794	1.58	cps
Silver	109-1	6218	6327	6377	6307	1.28	cps
Silver	107-1	6252	6877	6143	6424	6.16	cps
Sodium	23-2	37300	36874	37425	37200	0.78	cps
Strontium	86-1	2034	2492	2067	2198	11.63	cps
Strontium	88-1	13916	15293	13816	14341	5.75	cps
Sulfur	34-1	339654	349502	341863	343673	1.50	cps
Terbium	159-1	5411310	6072918	5427283	5637171	6.70	cps
Terbium	159-2	1140316	1133407	1146945	1140223	0.59	cps
Thallium	203-1	5677	6052	5251	5660	7.08	cps
Thallium	205-1	12457	14008	12515	12993	6.77	cps
Tin	118-1	20842	23154	20116	21371	7.42	cps
Titanium	47-1	2909	3225	2917	3017	5.98	cps
Uranium	238-1	15360	17413	16128	16300	6.36	cps
Vanadium	51-2	2090	2074	2160	2108	2.18	cps
Yttrium	89-1	4363494	4856202	4395233	4538310	6.08	cps
Yttrium	89-2	153589	148894	151047	151177	1.55	cps
Zinc	66-2	207	273	290	257	17.18	cps
Zirconium	90-1	8603	9445	8603	8884	5.47	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:13:40	DataFile Name :	018LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1592	2075	2109	1925	15.02	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:16:53	DataFile Name :	019CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	33	14	124.91	cps
Antimony	121-1	242	183	200	208	14.42	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	58	58	67	61	7.87	cps
Barium	137-1	42	8	33	28	62.46	cps
Beryllium	9-1	128	194	167	163	20.55	cps
Bismuth	209-1	4003453	3976109	4013824	3997795	0.49	cps
Bismuth	209-2	993101	973943	989119	985387	1.03	cps
Boron	10-1	533	533	567	544	3.54	cps
Boron	11-1	2559	2375	2342	2425	4.81	cps
Cadmium	111-1	586	693	498	592	16.56	cps
Cadmium	106-1	850	975	683	836	17.50	cps
Cadmium	108-1	25	8	8	14	69.31	cps
Calcium	43-1	1100	950	1050	1033	7.39	cps
Calcium	44-1	17094	16260	16494	16616	2.59	cps
Chromium	52-2	310	340	327	326	4.62	cps
Cobalt	59-2	50	33	63	49	30.75	cps
Copper	63-2	110	100	97	102	6.79	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	33	33	25	31	15.75	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	5925133	5846308	5818066	5863169	0.95	cps
Holmium	165-2	1223758	1200875	1218242	1214292	0.98	cps
Indium	115-1	4733738	4686502	4746424	4722221	0.67	cps
Indium	115-2	212929	210856	213525	212437	0.66	cps
Iron	56-2	2072	1895	2006	1991	4.51	cps
Iron	57-2	33	56	50	46	24.99	cps
Lead	206-1	411	322	478	404	19.33	cps
Lead	207-1	361	383	411	385	6.50	cps
Lead	208-1	1711	1472	1789	1658	9.96	cps
Lithium	6-1	697390	693139	689926	693485	0.54	cps
Magnesium	24-2	267	417	383	356	22.15	cps
Manganese	55-2	13	30	30	24	39.37	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:16:53	DataFile Name :	019CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	142	175	169	15.03	cps
Molybdenum	95-1	158	92	92	114	33.80	cps
Molybdenum	96-1	200	117	125	147	31.17	cps
Molybdenum	97-1	108	75	92	92	18.18	cps
Molybdenum	98-1	150	142	167	153	8.33	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	213	270	307	263	17.86	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2459	2375	2450	2428	1.89	cps
Rhodium	103-1	4390776	4399964	4303164	4364635	1.22	cps
Rhodium	103-2	1167651	1145755	1158488	1157298	0.95	cps
Scandium	45-1	2552411	2537196	2521686	2537098	0.61	cps
Scandium	45-2	21209	20839	21470	21173	1.50	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-25	-65	-76	-55	-49.20	cps
Silicon	28-1	375616	372817	371415	373283	0.57	cps
Silver	109-1	117	50	58	75	48.43	cps
Silver	107-1	92	75	75	81	11.95	cps
Sodium	23-2	13966	13966	14550	14160	2.38	cps
Strontium	86-1	417	433	350	400	11.02	cps
Strontium	88-1	108	133	142	128	13.57	cps
Sulfur	34-1	348416	354137	353926	352160	0.92	cps
Terbium	159-1	6064345	6092166	5929540	6028683	1.44	cps
Terbium	159-2	1171279	1153856	1174863	1166666	0.96	cps
Thallium	203-1	317	450	450	406	18.98	cps
Thallium	205-1	1058	908	1125	1031	10.77	cps
Tin	118-1	567	667	617	617	8.11	cps
Titanium	47-1	175	150	175	167	8.66	cps
Uranium	238-1	33	83	58	58	42.86	cps
Vanadium	51-2	0	13	7	7	99.98	cps
Yttrium	89-1	4915880	4893505	4816490	4875292	1.07	cps
Yttrium	89-2	157108	154117	155989	155738	0.97	cps
Zinc	66-2	40	30	17	29	40.51	cps
Zirconium	90-1	308	242	250	267	13.62	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:16:53	DataFile Name :	019CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	75	33	53	39.73	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:20:08	DataFile Name :	020SMPL_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	50	142	89	53.31	cps
Antimony	121-1	13157	12948	12548	12884	2.40	cps
Arsenic	75-2	93	91	87	90	3.14	cps
Barium	135-1	13391	13858	13825	13691	1.90	cps
Barium	137-1	23338	24106	23021	23488	2.38	cps
Beryllium	9-1	878	922	972	924	5.11	cps
Bismuth	209-1	4049395	4086945	4076597	4070979	0.48	cps
Bismuth	209-2	985472	978218	992396	985362	0.72	cps
Boron	10-1	2450	2592	2417	2486	3.74	cps
Boron	11-1	11463	11338	11530	11444	0.85	cps
Cadmium	111-1	1976	2024	2008	2003	1.23	cps
Cadmium	106-1	967	1033	875	958	8.30	cps
Cadmium	108-1	79	113	96	96	17.39	cps
Calcium	43-1	6969	7010	7327	7102	2.76	cps
Calcium	44-1	118657	117446	117421	117841	0.60	cps
Chromium	52-2	1680	1573	1427	1560	8.15	cps
Cobalt	59-2	1310	1227	1230	1256	3.76	cps
Copper	63-2	2220	2100	2124	2148	2.96	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	67	25	36	74.18	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	5969465	5924598	5945793	5946619	0.38	cps
Holmium	165-2	1210263	1198024	1217455	1208581	0.81	cps
Indium	115-1	4781433	4840692	4790887	4804337	0.66	cps
Indium	115-2	211251	209330	209899	210160	0.47	cps
Iron	56-2	20849	20905	21027	20927	0.44	cps
Iron	57-2	467	406	528	467	13.09	cps
Lead	206-1	4684	4896	4695	4758	2.50	cps
Lead	207-1	4129	4123	4106	4119	0.28	cps
Lead	208-1	18723	19318	18739	18927	1.79	cps
Lithium	6-1	694327	698965	693549	695614	0.42	cps
Magnesium	24-2	10438	9570	9629	9879	4.91	cps
Manganese	55-2	190	183	180	184	2.76	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:20:08	DataFile Name :	020SMPL_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10671	10388	11047	10702	3.09	cps
Molybdenum	95-1	12506	12957	12131	12531	3.30	cps
Molybdenum	96-1	14016	14091	14867	14325	3.29	cps
Molybdenum	97-1	7911	7728	8120	7919	2.48	cps
Molybdenum	98-1	21000	21326	20099	20808	3.05	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	623	583	523	577	8.73	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	7936	8061	8345	8114	2.58	cps
Rhodium	103-1	4386250	4430517	4385550	4400772	0.59	cps
Rhodium	103-2	1149988	1141562	1149601	1147050	0.41	cps
Scandium	45-1	2569985	2558322	2553037	2560448	0.34	cps
Scandium	45-2	21153	21457	21330	21313	0.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	20	15	17	19.26	cps
Selenium	82-1	413	424	349	395	10.27	cps
Silicon	28-1	412047	410832	408329	410403	0.46	cps
Silver	109-1	6252	6118	6835	6402	5.96	cps
Silver	107-1	7169	6277	6435	6627	7.18	cps
Sodium	23-2	36665	35629	36423	36239	1.50	cps
Strontium	86-1	2009	2225	2000	2078	6.14	cps
Strontium	88-1	14934	14600	14125	14553	2.79	cps
Sulfur	34-1	349261	349005	351244	349837	0.35	cps
Terbium	159-1	6148270	6142820	6053090	6114727	0.87	cps
Terbium	159-2	1168198	1152969	1167369	1162845	0.74	cps
Thallium	203-1	5635	5918	5393	5649	4.65	cps
Thallium	205-1	12849	12882	13166	12966	1.34	cps
Tin	118-1	22195	22111	21835	22047	0.85	cps
Titanium	47-1	3151	3292	3301	3248	2.60	cps
Uranium	238-1	16228	16553	16954	16578	2.19	cps
Vanadium	51-2	1934	1894	1833	1887	2.67	cps
Yttrium	89-1	4886572	4926939	4885045	4899518	0.48	cps
Yttrium	89-2	155025	153454	155470	154650	0.68	cps
Zinc	66-2	233	260	243	246	5.49	cps
Zirconium	90-1	9829	8837	9145	9270	5.48	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:20:08	DataFile Name :	020SMPL_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2142	2109	2350	2200	5.95	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:23:22	DataFile Name :	021LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	108	117	103	16.88	cps
Antimony	121-1	13407	14375	13332	13705	4.24	cps
Arsenic	75-2	100	83	87	90	9.71	cps
Barium	135-1	14609	13866	14592	14356	2.95	cps
Barium	137-1	25476	25592	25075	25381	1.07	cps
Beryllium	9-1	978	928	1072	993	7.39	cps
Bismuth	209-1	4052577	4066437	4064351	4061122	0.18	cps
Bismuth	209-2	998600	983465	990305	990790	0.76	cps
Boron	10-1	2559	2725	2909	2731	6.41	cps
Boron	11-1	12347	12748	13065	12720	2.83	cps
Cadmium	111-1	1829	2196	2230	2085	10.67	cps
Cadmium	106-1	858	1042	975	958	9.68	cps
Cadmium	108-1	121	125	117	121	3.45	cps
Calcium	43-1	7986	7636	7486	7702	3.33	cps
Calcium	44-1	127054	127225	127845	127375	0.33	cps
Chromium	52-2	1693	1647	1540	1627	4.83	cps
Cobalt	59-2	1290	1367	1367	1341	3.30	cps
Copper	63-2	2374	2574	2310	2419	5.68	cps
Dysprosium	156-1	42	0	8	17	132.30	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	10	20	0	10	100.00	cps
Gadolinium	160-1	58	50	25	44	39.04	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5952164	5905432	5955196	5937598	0.47	cps
Holmium	165-2	1235255	1215234	1224338	1224942	0.82	cps
Indium	115-1	4739829	4876403	4841268	4819167	1.47	cps
Indium	115-2	213874	210080	210286	211413	1.01	cps
Iron	56-2	22318	22096	22063	22159	0.63	cps
Iron	57-2	522	578	583	561	6.02	cps
Lead	206-1	4851	5240	4718	4936	5.50	cps
Lead	207-1	4362	4540	4395	4432	2.13	cps
Lead	208-1	20035	20157	20363	20185	0.82	cps
Lithium	6-1	689357	698262	697309	694976	0.70	cps
Magnesium	24-2	10446	10446	10663	10518	1.19	cps
Manganese	55-2	193	213	227	211	7.95	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:23:22	DataFile Name :	021LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11130	11630	11939	11567	3.53	cps
Molybdenum	95-1	13749	13599	13716	13688	0.58	cps
Molybdenum	96-1	15142	14767	14984	14964	1.26	cps
Molybdenum	97-1	8195	8870	8637	8567	4.00	cps
Molybdenum	98-1	21952	21877	22678	22169	2.00	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	677	580	657	638	8.00	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	8486	8678	8561	8575	1.13	cps
Rhodium	103-1	4442903	4406173	4392072	4413716	0.59	cps
Rhodium	103-2	1171480	1156531	1157331	1161781	0.72	cps
Scandium	45-1	2555599	2582510	2548816	2562308	0.70	cps
Scandium	45-2	21129	21240	20842	21070	0.97	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	13	13	4	10	54.15	cps
Selenium	82-1	452	430	357	413	11.97	cps
Silicon	28-1	412859	416767	414111	414579	0.48	cps
Silver	109-1	7219	7085	7736	7347	4.68	cps
Silver	107-1	7119	7344	7219	7227	1.56	cps
Sodium	23-2	37659	37584	38586	37943	1.47	cps
Strontium	86-1	2184	2442	2334	2320	5.59	cps
Strontium	88-1	15718	15952	16335	16002	1.95	cps
Sulfur	34-1	351977	348149	347954	349360	0.65	cps
Terbium	159-1	6200874	6112587	6074060	6129173	1.06	cps
Terbium	159-2	1182487	1164860	1169126	1172157	0.78	cps
Thallium	203-1	6027	6127	5968	6041	1.33	cps
Thallium	205-1	13725	14576	14609	14303	3.50	cps
Tin	118-1	23530	23997	24056	23861	1.21	cps
Titanium	47-1	3409	3409	3534	3451	2.09	cps
Uranium	238-1	16987	17880	18206	17691	3.57	cps
Vanadium	51-2	2310	2264	2147	2240	3.76	cps
Yttrium	89-1	4894576	4909543	4933733	4912617	0.40	cps
Yttrium	89-2	156407	156835	155368	156203	0.48	cps
Zinc	66-2	233	250	240	241	3.48	cps
Zirconium	90-1	9754	9821	9696	9757	0.64	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:23:22	DataFile Name :	021LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2192	2092	2259	2181	3.85	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:26:35	DataFile Name :	022LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	67	117	117	42.86	cps
Antimony	121-1	13441	13391	13399	13410	0.20	cps
Arsenic	75-2	63	80	81	75	13.66	cps
Barium	135-1	14408	14634	14033	14358	2.11	cps
Barium	137-1	26102	25133	24674	25303	2.88	cps
Beryllium	9-1	917	956	939	937	2.08	cps
Bismuth	209-1	4043572	4108006	4048958	4066846	0.88	cps
Bismuth	209-2	899855	970502	1005199	958519	5.60	cps
Boron	10-1	2425	2734	2342	2500	8.25	cps
Boron	11-1	11897	12331	12815	12347	3.72	cps
Cadmium	111-1	2030	1998	2094	2041	2.39	cps
Cadmium	106-1	1017	875	1150	1014	13.56	cps
Cadmium	108-1	117	133	117	122	7.87	cps
Calcium	43-1	7436	7861	6985	7427	5.89	cps
Calcium	44-1	126651	125835	124599	125695	0.82	cps
Chromium	52-2	1410	1647	1557	1538	7.77	cps
Cobalt	59-2	1280	1330	1287	1299	2.09	cps
Copper	63-2	2267	2267	2324	2286	1.43	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	42	25	0	22	94.38	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	5998863	6023745	5906316	5976308	1.04	cps
Holmium	165-2	1116900	1194114	1235231	1182082	5.08	cps
Indium	115-1	4837988	4804497	4795887	4812791	0.46	cps
Indium	115-2	192517	205395	213835	203916	5.26	cps
Iron	56-2	19536	21484	21812	20944	5.87	cps
Iron	57-2	444	461	572	493	14.10	cps
Lead	206-1	4662	4962	4884	4836	3.22	cps
Lead	207-1	4279	4190	4406	4292	2.54	cps
Lead	208-1	19579	19790	19445	19605	0.89	cps
Lithium	6-1	703696	700737	688175	697536	1.18	cps
Magnesium	24-2	10021	10362	10638	10340	2.99	cps
Manganese	55-2	183	220	227	210	11.11	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:26:35	DataFile Name :	022LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12114	11664	11263	11681	3.64	cps
Molybdenum	95-1	13833	13282	13349	13488	2.23	cps
Molybdenum	96-1	14700	14917	14525	14714	1.33	cps
Molybdenum	97-1	8411	8578	8645	8545	1.41	cps
Molybdenum	98-1	22528	22094	21651	22091	1.98	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	707	673	690	690	2.42	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	7694	8561	8311	8189	5.45	cps
Rhodium	103-1	4475378	4472410	4371408	4439732	1.33	cps
Rhodium	103-2	1049519	1133111	1171405	1118012	5.58	cps
Scandium	45-1	2581901	2612811	2558508	2584407	1.05	cps
Scandium	45-2	19287	20242	21223	20250	4.78	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	6	17	7	10	60.25	cps
Selenium	82-1	410	424	443	426	3.90	cps
Silicon	28-1	419637	414911	411631	415393	0.97	cps
Silver	109-1	7010	7044	6627	6894	3.36	cps
Silver	107-1	7694	6744	7111	7183	6.67	cps
Sodium	23-2	35487	37183	37484	36718	2.93	cps
Strontium	86-1	2209	2017	2084	2103	4.63	cps
Strontium	88-1	16419	16018	15509	15982	2.85	cps
Sulfur	34-1	349364	349536	344599	347833	0.81	cps
Terbium	159-1	6158610	6093318	6079058	6110328	0.69	cps
Terbium	159-2	1066379	1141437	1181901	1129906	5.19	cps
Thallium	203-1	6018	5452	5301	5590	6.76	cps
Thallium	205-1	14200	14359	13892	14150	1.68	cps
Tin	118-1	23805	23864	23747	23805	0.25	cps
Titanium	47-1	3484	3809	3259	3517	7.86	cps
Uranium	238-1	17212	17588	16879	17227	2.06	cps
Vanadium	51-2	1927	2040	2184	2050	6.27	cps
Yttrium	89-1	4951298	4954621	4904167	4936695	0.57	cps
Yttrium	89-2	140892	153390	157653	150645	5.78	cps
Zinc	66-2	200	240	260	233	13.10	cps
Zirconium	90-1	9679	9879	9662	9740	1.24	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:26:35	DataFile Name :	022LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2109	2092	1975	2059	3.53	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:33:02	DataFile Name :	024LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	117	75	117	35.72	cps
Antimony	121-1	14250	14083	14233	14189	0.65	cps
Arsenic	75-2	61	85	76	74	16.40	cps
Barium	135-1	14842	14650	15026	14840	1.26	cps
Barium	137-1	25684	25417	25659	25587	0.58	cps
Beryllium	9-1	1183	1006	1028	1072	9.03	cps
Bismuth	209-1	4172794	4171933	4167278	4170668	0.07	cps
Bismuth	209-2	1018848	1012999	1019315	1017054	0.35	cps
Boron	10-1	2625	2534	2775	2645	4.61	cps
Boron	11-1	12656	12072	12523	12417	2.46	cps
Cadmium	111-1	2163	1999	2065	2076	3.99	cps
Cadmium	106-1	1158	1033	1100	1097	5.70	cps
Cadmium	108-1	104	125	67	99	29.97	cps
Calcium	43-1	7803	7469	7636	7636	2.18	cps
Calcium	44-1	128467	129744	128332	128848	0.60	cps
Chromium	52-2	1780	1647	1623	1683	5.02	cps
Cobalt	59-2	1317	1423	1350	1363	4.00	cps
Copper	63-2	2294	2344	2347	2328	1.28	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	75	33	44	60.28	cps
Erbium	164-2	30	0	7	12	128.87	cps
Gadolinium	160-1	33	50	0	28	91.65	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	6104991	6148091	6089349	6114144	0.50	cps
Holmium	165-2	1256756	1244505	1258756	1253339	0.62	cps
Indium	115-1	4924016	4931185	4918161	4924454	0.13	cps
Indium	115-2	218581	217605	219260	218482	0.38	cps
Iron	56-2	22686	22324	21806	22272	1.98	cps
Iron	57-2	556	628	517	567	9.95	cps
Lead	206-1	4801	4618	5390	4936	8.18	cps
Lead	207-1	4540	4434	4340	4438	2.26	cps
Lead	208-1	20335	20046	20257	20213	0.74	cps
Lithium	6-1	707851	716408	714171	712810	0.62	cps
Magnesium	24-2	11288	11413	11472	11391	0.82	cps
Manganese	55-2	180	207	180	189	8.15	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:33:02	DataFile Name :	024LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12089	11764	12548	12134	3.25	cps
Molybdenum	95-1	13816	14108	14100	14008	1.19	cps
Molybdenum	96-1	14850	15751	15468	15357	3.00	cps
Molybdenum	97-1	8670	9212	8495	8792	4.25	cps
Molybdenum	98-1	22745	22720	22595	22686	0.35	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	673	703	690	689	2.18	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	8995	8795	8661	8817	1.90	cps
Rhodium	103-1	4531247	4571603	4510478	4537776	0.68	cps
Rhodium	103-2	1195593	1195942	1197217	1196251	0.07	cps
Scandium	45-1	2651401	2693086	2663359	2669282	0.80	cps
Scandium	45-2	22014	21917	21664	21865	0.83	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	17	15	13	15	12.52	cps
Selenium	82-1	410	452	363	409	10.89	cps
Silicon	28-1	415344	422062	424765	420724	1.15	cps
Silver	109-1	7344	6985	6852	7060	3.60	cps
Silver	107-1	7327	7277	7411	7338	0.92	cps
Sodium	23-2	39414	38361	39991	39255	2.10	cps
Strontium	86-1	2209	2275	2400	2295	4.24	cps
Strontium	88-1	16018	16486	16410	16305	1.54	cps
Sulfur	34-1	360229	359323	359181	359578	0.16	cps
Terbium	159-1	6224774	6243504	6269999	6246092	0.36	cps
Terbium	159-2	1207598	1200973	1205177	1204583	0.28	cps
Thallium	203-1	5843	5952	5518	5771	3.91	cps
Thallium	205-1	13908	14292	14542	14247	2.24	cps
Tin	118-1	24682	25216	24231	24710	2.00	cps
Titanium	47-1	3417	3367	3759	3515	6.07	cps
Uranium	238-1	18615	17880	18364	18286	2.04	cps
Vanadium	51-2	2257	2207	2204	2222	1.34	cps
Yttrium	89-1	5021450	5072043	5042853	5045449	0.50	cps
Yttrium	89-2	161198	159859	162608	161221	0.85	cps
Zinc	66-2	303	280	183	256	24.90	cps
Zirconium	90-1	10271	10021	10613	10301	2.89	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:33:02	DataFile Name :	024LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2184	2300	2309	2264	3.09	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:36:15	DataFile Name :	025LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	100	133	114	15.23	cps
Antimony	121-1	14000	14108	14450	14186	1.66	cps
Arsenic	75-2	100	100	100	100	0.00	cps
Barium	135-1	14559	14116	14734	14470	2.20	cps
Barium	137-1	25985	25450	24958	25464	2.02	cps
Beryllium	9-1	1022	1089	972	1028	5.69	cps
Bismuth	209-1	4191003	4122762	4151685	4155150	0.82	cps
Bismuth	209-2	1018125	1020920	1018789	1019278	0.14	cps
Boron	10-1	2992	2692	2725	2803	5.87	cps
Boron	11-1	11914	11897	12731	12181	3.91	cps
Cadmium	111-1	2172	2131	2108	2137	1.51	cps
Cadmium	106-1	1025	1067	1150	1081	5.89	cps
Cadmium	108-1	83	113	121	106	18.65	cps
Calcium	43-1	7586	8011	7536	7711	3.39	cps
Calcium	44-1	129324	127828	128880	128677	0.60	cps
Chromium	52-2	1637	1427	1613	1559	7.38	cps
Cobalt	59-2	1397	1360	1323	1360	2.70	cps
Copper	63-2	2360	2424	2104	2296	7.38	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	33	17	42	72.12	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	6061554	6001546	6052620	6038573	0.54	cps
Holmium	165-2	1254218	1256552	1258952	1256574	0.19	cps
Indium	115-1	5010817	4923797	4941435	4958683	0.93	cps
Indium	115-2	218036	219436	220179	219217	0.50	cps
Iron	56-2	22285	22791	22146	22407	1.52	cps
Iron	57-2	633	544	611	596	7.76	cps
Lead	206-1	4668	4868	5101	4879	4.45	cps
Lead	207-1	4573	4473	4379	4475	2.17	cps
Lead	208-1	19884	19929	20135	19983	0.67	cps
Lithium	6-1	711814	710717	712043	711525	0.10	cps
Magnesium	24-2	10997	10521	10805	10774	2.22	cps
Manganese	55-2	243	267	207	239	12.66	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:36:15	DataFile Name :	025LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12164	11998	11464	11875	3.08	cps
Molybdenum	95-1	14100	14500	13941	14180	2.03	cps
Molybdenum	96-1	14992	15735	16144	15624	3.74	cps
Molybdenum	97-1	8711	8670	8778	8720	0.63	cps
Molybdenum	98-1	22052	22411	22369	22277	0.88	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	627	657	677	653	3.85	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	8570	8478	8686	8578	1.22	cps
Rhodium	103-1	4605344	4529480	4539671	4558165	0.90	cps
Rhodium	103-2	1204123	1199121	1190473	1197905	0.58	cps
Scandium	45-1	2680155	2668603	2663317	2670692	0.32	cps
Scandium	45-2	22432	22328	22685	22482	0.82	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	11	9	17	12	31.24	cps
Selenium	82-1	525	412	371	436	18.34	cps
Silicon	28-1	421453	416130	422776	420120	0.84	cps
Silver	109-1	6844	7361	7077	7094	3.65	cps
Silver	107-1	7886	7010	7019	7305	6.89	cps
Sodium	23-2	38511	39230	37918	38553	1.70	cps
Strontium	86-1	2334	2067	2159	2186	6.20	cps
Strontium	88-1	15968	16811	15793	16191	3.36	cps
Sulfur	34-1	356755	355991	356967	356571	0.14	cps
Terbium	159-1	6221779	6258421	6284195	6254799	0.50	cps
Terbium	159-2	1212854	1210786	1208561	1210733	0.18	cps
Thallium	203-1	5768	5718	6052	5846	3.08	cps
Thallium	205-1	13541	13650	13758	13650	0.79	cps
Tin	118-1	24598	23739	23889	24075	1.91	cps
Titanium	47-1	4059	3384	3317	3587	11.44	cps
Uranium	238-1	18273	17805	18047	18042	1.30	cps
Vanadium	51-2	2390	2220	2377	2329	4.06	cps
Yttrium	89-1	5092683	5068958	5069900	5077180	0.26	cps
Yttrium	89-2	162165	162462	160436	161688	0.68	cps
Zinc	66-2	187	293	227	236	22.88	cps
Zirconium	90-1	10363	9812	10129	10101	2.74	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:36:15	DataFile Name :	025LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2284	2375	2259	2306	2.66	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:39:28	DataFile Name :	026LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	142	92	106	29.89	cps
Antimony	121-1	13883	14041	13574	13833	1.72	cps
Arsenic	75-2	87	81	98	89	9.55	cps
Barium	135-1	14375	14350	15435	14720	4.21	cps
Barium	137-1	25509	25275	25325	25370	0.49	cps
Beryllium	9-1	972	1089	1017	1026	5.74	cps
Bismuth	209-1	4109963	4096609	4096668	4101080	0.19	cps
Bismuth	209-2	1016418	1017204	1009862	1014495	0.40	cps
Boron	10-1	2792	2434	2967	2731	9.96	cps
Boron	11-1	11855	11697	12189	11914	2.11	cps
Cadmium	111-1	2157	2054	1960	2057	4.79	cps
Cadmium	106-1	1033	1117	892	1014	11.22	cps
Cadmium	108-1	71	129	92	97	30.40	cps
Calcium	43-1	7819	7919	7602	7780	2.08	cps
Calcium	44-1	126793	126610	128467	127290	0.80	cps
Chromium	52-2	1647	1650	1480	1592	6.11	cps
Cobalt	59-2	1317	1410	1277	1335	5.13	cps
Copper	63-2	2297	2350	2387	2345	1.93	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	0	22	94.38	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	5913297	5972705	5974123	5953375	0.58	cps
Holmium	165-2	1250073	1255504	1246536	1250704	0.36	cps
Indium	115-1	4922941	4895886	4911280	4910036	0.28	cps
Indium	115-2	218219	218941	217884	218348	0.25	cps
Iron	56-2	22685	21395	22034	22038	2.93	cps
Iron	57-2	511	539	511	520	3.08	cps
Lead	206-1	4846	4851	4773	4823	0.90	cps
Lead	207-1	4434	4423	4345	4401	1.10	cps
Lead	208-1	20107	19506	19807	19807	1.52	cps
Lithium	6-1	699093	704244	705279	702872	0.47	cps
Magnesium	24-2	11247	11121	10780	11049	2.19	cps
Manganese	55-2	220	170	173	188	14.89	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:39:28	DataFile Name :	026LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11589	11289	11447	11441	1.31	cps
Molybdenum	95-1	13858	14150	13407	13805	2.71	cps
Molybdenum	96-1	15268	16336	15777	15793	3.38	cps
Molybdenum	97-1	8853	9220	8995	9023	2.05	cps
Molybdenum	98-1	22319	22837	22436	22531	1.20	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	757	630	667	684	9.52	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	8945	8361	8878	8728	3.66	cps
Rhodium	103-1	4489343	4503673	4502231	4498416	0.18	cps
Rhodium	103-2	1191061	1195704	1185959	1190908	0.41	cps
Scandium	45-1	2625810	2650462	2660382	2645552	0.67	cps
Scandium	45-2	22425	21717	21867	22003	1.70	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	15	19	13	51.49	cps
Selenium	82-1	489	438	430	452	7.16	cps
Silicon	28-1	422361	420674	418972	420669	0.40	cps
Silver	109-1	6527	7069	7044	6880	4.45	cps
Silver	107-1	7502	6986	6835	7108	4.92	cps
Sodium	23-2	37726	38679	38428	38277	1.29	cps
Strontium	86-1	2259	2492	2075	2275	9.18	cps
Strontium	88-1	16110	15701	15968	15927	1.30	cps
Sulfur	34-1	364124	361707	355276	360369	1.27	cps
Terbium	159-1	6197298	6187841	6272315	6219151	0.74	cps
Terbium	159-2	1212041	1210690	1199372	1207368	0.58	cps
Thallium	203-1	6077	5885	5710	5891	3.11	cps
Thallium	205-1	13758	13917	13032	13569	3.48	cps
Tin	118-1	23305	23379	23855	23513	1.27	cps
Titanium	47-1	3317	3801	3676	3598	6.97	cps
Uranium	238-1	17405	17897	17855	17719	1.54	cps
Vanadium	51-2	2254	2224	2274	2250	1.12	cps
Yttrium	89-1	4982719	5027619	5036168	5015502	0.57	cps
Yttrium	89-2	163040	162079	161569	162229	0.46	cps
Zinc	66-2	243	223	267	244	8.87	cps
Zirconium	90-1	10963	9929	9729	10207	6.49	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:39:28	DataFile Name :	026LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2242	2034	2109	2128	4.96	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:45:51	DataFile Name :	028LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	108	58	92	31.49	cps
Antimony	121-1	14225	14025	13366	13872	3.24	cps
Arsenic	75-2	81	80	78	80	2.32	cps
Barium	135-1	14400	14392	15209	14667	3.20	cps
Barium	137-1	25359	24381	25692	25144	2.71	cps
Beryllium	9-1	911	828	867	869	4.80	cps
Bismuth	209-1	4132568	4135409	4090799	4119592	0.61	cps
Bismuth	209-2	1008830	1008906	991081	1002939	1.02	cps
Boron	10-1	2842	2325	2575	2581	10.01	cps
Boron	11-1	12022	12339	11905	12089	1.86	cps
Cadmium	111-1	2048	1954	1922	1975	3.31	cps
Cadmium	106-1	1025	933	767	908	14.42	cps
Cadmium	108-1	129	100	146	125	18.56	cps
Calcium	43-1	8211	7419	7686	7772	5.19	cps
Calcium	44-1	125751	124490	125441	125227	0.52	cps
Chromium	52-2	1460	1587	1510	1519	4.20	cps
Cobalt	59-2	1287	1330	1370	1329	3.14	cps
Copper	63-2	2180	2414	2424	2339	5.89	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	58	42	42	40.00	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	67	17	25	36	74.18	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	6086796	6011964	6011648	6036803	0.72	cps
Holmium	165-2	1252060	1249896	1224938	1242298	1.21	cps
Indium	115-1	4923837	4960792	4912912	4932513	0.51	cps
Indium	115-2	218317	216869	214252	216480	0.95	cps
Iron	56-2	21378	21929	21823	21710	1.35	cps
Iron	57-2	656	550	367	524	27.89	cps
Lead	206-1	4618	4812	4707	4712	2.07	cps
Lead	207-1	4106	4318	4456	4293	4.11	cps
Lead	208-1	18662	19501	19590	19251	2.66	cps
Lithium	6-1	707367	708210	706159	707245	0.15	cps
Magnesium	24-2	10696	10362	10805	10621	2.17	cps
Manganese	55-2	207	187	190	194	5.51	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:45:51	DataFile Name :	028LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11881	11205	11080	11389	3.78	cps
Molybdenum	95-1	12948	12907	12857	12904	0.36	cps
Molybdenum	96-1	14408	15393	15268	15023	3.57	cps
Molybdenum	97-1	8795	8403	8086	8428	4.21	cps
Molybdenum	98-1	22294	22578	21768	22213	1.85	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	683	647	790	707	10.54	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	8745	8361	8328	8478	2.73	cps
Rhodium	103-1	4579192	4503558	4447638	4510129	1.46	cps
Rhodium	103-2	1190800	1183996	1174226	1183007	0.70	cps
Scandium	45-1	2644094	2668079	2633472	2648548	0.67	cps
Scandium	45-2	21904	21263	21814	21660	1.60	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	15	11	11	12	17.31	cps
Selenium	82-1	444	532	428	468	12.00	cps
Silicon	28-1	420303	419597	421418	420439	0.22	cps
Silver	109-1	6719	6802	6302	6607	4.06	cps
Silver	107-1	7077	6910	7252	7080	2.42	cps
Sodium	23-2	38152	37918	37968	38013	0.32	cps
Strontium	86-1	2192	2159	1975	2109	5.53	cps
Strontium	88-1	15084	16077	15977	15713	3.48	cps
Sulfur	34-1	365046	363083	365959	364696	0.40	cps
Terbium	159-1	6196630	6194939	6180883	6190817	0.14	cps
Terbium	159-2	1204249	1193275	1189636	1195720	0.64	cps
Thallium	203-1	5710	5693	5685	5696	0.22	cps
Thallium	205-1	14100	13116	14025	13747	3.99	cps
Tin	118-1	24190	23780	24223	24064	1.03	cps
Titanium	47-1	3409	3376	3276	3353	2.07	cps
Uranium	238-1	17730	17747	17221	17566	1.70	cps
Vanadium	51-2	2280	2270	2234	2261	1.09	cps
Yttrium	89-1	5074631	5028829	5095965	5066475	0.68	cps
Yttrium	89-2	160167	160156	160446	160256	0.10	cps
Zinc	66-2	237	270	197	234	15.66	cps
Zirconium	90-1	10121	10138	9963	10074	0.96	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:45:51	DataFile Name :	028LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2350	2242	2309	2300	2.38	cps

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 16:49:04 DataFile Name : 029CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	33	25	57.75	cps
Antimony	121-1	92	75	58	75	22.22	cps
Arsenic	75-2	9	2	6	6	66.68	cps
Barium	135-1	25	8	8	14	69.31	cps
Barium	137-1	33	17	67	39	65.47	cps
Beryllium	9-1	128	78	61	89	39.03	cps
Bismuth	209-1	4043537	4043914	4044645	4044032	0.01	cps
Bismuth	209-2	995627	989612	990922	992054	0.32	cps
Boron	10-1	417	375	408	400	5.51	cps
Boron	11-1	2092	1792	1825	1903	8.64	cps
Cadmium	111-1	540	543	641	575	9.97	cps
Cadmium	106-1	758	758	892	803	9.59	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	908	833	817	853	5.73	cps
Calcium	44-1	15751	16085	16794	16210	3.29	cps
Chromium	52-2	310	347	313	323	6.27	cps
Cobalt	59-2	43	43	53	47	12.37	cps
Copper	63-2	77	110	110	99	19.46	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	42	33	17	31	41.66	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	5874201	5944212	5924151	5914188	0.61	cps
Holmium	165-2	1234420	1220125	1223673	1226073	0.61	cps
Indium	115-1	4799788	4811857	4854666	4822104	0.60	cps
Indium	115-2	213174	213239	214682	213698	0.40	cps
Iron	56-2	1367	1678	1489	1511	10.37	cps
Iron	57-2	39	78	39	52	43.30	cps
Lead	206-1	317	211	217	248	23.94	cps
Lead	207-1	194	233	222	217	9.25	cps
Lead	208-1	1000	850	961	937	8.31	cps
Lithium	6-1	693180	702240	694439	696620	0.70	cps
Magnesium	24-2	283	417	200	300	36.43	cps
Manganese	55-2	17	27	17	20	28.86	cps

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 16:49:04 DataFile Name : 029CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	67	158	108	111	41.31	cps
Molybdenum	95-1	50	17	33	33	50.00	cps
Molybdenum	96-1	67	50	83	67	25.00	cps
Molybdenum	97-1	25	25	25	25	0.00	cps
Molybdenum	98-1	25	42	17	28	45.82	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	277	263	254	10.91	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2375	2725	2459	2520	7.26	cps
Rhodium	103-1	4381369	4450136	4412381	4414629	0.78	cps
Rhodium	103-2	1168000	1160743	1163717	1164153	0.31	cps
Scandium	45-1	2591364	2572691	2571871	2578642	0.43	cps
Scandium	45-2	21740	21323	21724	21596	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	15	-26	74	21	239.26	cps
Silicon	28-1	378489	377591	403832	386637	3.85	cps
Silver	109-1	33	50	17	33	49.99	cps
Silver	107-1	67	92	83	81	15.80	cps
Sodium	23-2	13557	14399	14049	14002	3.02	cps
Strontium	86-1	558	392	475	475	17.54	cps
Strontium	88-1	83	75	75	78	6.19	cps
Sulfur	34-1	362912	356631	357929	359157	0.92	cps
Terbium	159-1	6058583	6106189	6154161	6106311	0.78	cps
Terbium	159-2	1173852	1168111	1172866	1171609	0.26	cps
Thallium	203-1	100	192	158	150	30.94	cps
Thallium	205-1	358	275	333	322	13.27	cps
Tin	118-1	608	550	600	586	5.38	cps
Titanium	47-1	150	58	192	133	51.16	cps
Uranium	238-1	17	25	33	25	33.32	cps
Vanadium	51-2	10	3	0	4	114.60	cps
Yttrium	89-1	4901945	4989335	4923656	4938312	0.92	cps
Yttrium	89-2	157778	156460	159454	157898	0.95	cps
Zinc	66-2	10	17	23	17	39.99	cps
Zirconium	90-1	308	183	325	272	28.44	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:49:04	DataFile Name :	029CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	33	75	67	45.07	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:52:15	DataFile Name :	030LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	100	133	106	24.12	cps
Antimony	121-1	13591	13824	14108	13841	1.87	cps
Arsenic	75-2	94	89	72	85	13.58	cps
Barium	135-1	14267	14267	13766	14100	2.05	cps
Barium	137-1	24766	24507	23563	24279	2.61	cps
Beryllium	9-1	950	856	917	907	5.28	cps
Bismuth	209-1	4065883	4041404	3979280	4028855	1.11	cps
Bismuth	209-2	992413	990648	987013	990025	0.28	cps
Boron	10-1	2259	2467	2542	2423	6.06	cps
Boron	11-1	11021	11238	11038	11099	1.09	cps
Cadmium	111-1	2071	1826	2016	1971	6.54	cps
Cadmium	106-1	1033	842	950	942	10.21	cps
Cadmium	108-1	104	121	113	113	7.41	cps
Calcium	43-1	7261	7702	7394	7452	3.04	cps
Calcium	44-1	124474	122623	126028	124375	1.37	cps
Chromium	52-2	1530	1583	1407	1507	6.01	cps
Cobalt	59-2	1493	1440	1510	1481	2.47	cps
Copper	63-2	2294	2324	2304	2307	0.66	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	8	50	17	25	88.19	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	5928951	5853835	5918730	5900505	0.69	cps
Holmium	165-2	1228445	1227436	1221487	1225789	0.31	cps
Indium	115-1	4818943	4826317	4820230	4821830	0.08	cps
Indium	115-2	214473	216862	213337	214891	0.84	cps
Iron	56-2	21406	21756	21795	21653	0.99	cps
Iron	57-2	567	528	500	532	6.30	cps
Lead	206-1	4540	4634	4479	4551	1.72	cps
Lead	207-1	4173	4251	4040	4155	2.57	cps
Lead	208-1	18361	19056	18651	18689	1.87	cps
Lithium	6-1	689070	695643	697160	693958	0.62	cps
Magnesium	24-2	10988	10479	11088	10852	3.01	cps
Manganese	55-2	230	233	207	223	6.51	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:52:15	DataFile Name :	030LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11197	11230	11155	11194	0.34	cps
Molybdenum	95-1	13265	13257	13441	13321	0.78	cps
Molybdenum	96-1	14775	14375	15668	14939	4.43	cps
Molybdenum	97-1	8378	8536	8069	8328	2.85	cps
Molybdenum	98-1	20984	21560	22211	21585	2.84	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	673	677	687	679	1.02	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	8236	8920	8328	8495	4.37	cps
Rhodium	103-1	4398312	4438972	4445401	4427562	0.58	cps
Rhodium	103-2	1171028	1181472	1167657	1173386	0.61	cps
Scandium	45-1	2597901	2575050	2601842	2591598	0.56	cps
Scandium	45-2	22141	21887	21397	21808	1.74	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	19	7	20	15	45.42	cps
Selenium	82-1	445	447	470	454	3.11	cps
Silicon	28-1	419918	418118	419687	419241	0.23	cps
Silver	109-1	6994	7144	6510	6883	4.81	cps
Silver	107-1	6835	7602	7586	7341	5.97	cps
Sodium	23-2	37626	38010	36790	37475	1.66	cps
Strontium	86-1	2284	2234	1992	2170	7.19	cps
Strontium	88-1	15893	15701	15409	15668	1.56	cps
Sulfur	34-1	361272	363130	362521	362308	0.26	cps
Terbium	159-1	6080652	6104519	6137176	6107449	0.46	cps
Terbium	159-2	1179484	1185045	1173717	1179415	0.48	cps
Thallium	203-1	5710	5635	5885	5743	2.23	cps
Thallium	205-1	13041	13842	13391	13424	2.99	cps
Tin	118-1	23713	23680	22712	23368	2.43	cps
Titanium	47-1	3559	3417	3501	3492	2.04	cps
Uranium	238-1	16862	15903	17496	16754	4.79	cps
Vanadium	51-2	2220	2084	2087	2130	3.66	cps
Yttrium	89-1	4896222	5007296	4932612	4945377	1.15	cps
Yttrium	89-2	158277	160150	158210	158879	0.69	cps
Zinc	66-2	243	247	313	268	14.75	cps
Zirconium	90-1	10846	10146	9687	10227	5.71	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 WATER LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 WATER LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:52:15	DataFile Name :	030LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2284	2142	1934	2120	8.31	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:55:28	DataFile Name :	031LCS6_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46911	46068	45073	46017	2.00	cps
Antimony	121-1	3703179	3748786	3718957	3723641	0.62	cps
Arsenic	75-2	41156	40981	41334	41157	0.43	cps
Barium	135-1	3894730	3940443	3915207	3916793	0.58	cps
Barium	137-1	6759036	6759207	6806295	6774846	0.40	cps
Beryllium	9-1	420392	418942	419032	419455	0.19	cps
Bismuth	209-1	4088442	4018833	4034662	4047312	0.90	cps
Bismuth	209-2	1002062	986177	989990	992743	0.84	cps
Boron	10-1	46375	47053	47363	46930	1.08	cps
Boron	11-1	213686	216984	222025	217565	1.93	cps
Cadmium	111-1	765185	770619	760683	765496	0.65	cps
Cadmium	106-1	79922	79535	79719	79725	0.24	cps
Cadmium	108-1	54665	54355	53163	54061	1.47	cps
Calcium	43-1	717203	721789	722851	720615	0.42	cps
Calcium	44-1	11728019	11819647	11742967	11763545	0.42	cps
Chromium	52-2	313154	309939	308580	310558	0.76	cps
Cobalt	59-2	665443	669370	660428	665080	0.67	cps
Copper	63-2	1144283	1139527	1136916	1140242	0.33	cps
Dysprosium	156-1	83	42	25	50	60.09	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	58	75	67	67	12.49	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	6056351	6100115	6079607	6078691	0.36	cps
Holmium	165-2	1270899	1243383	1249805	1254696	1.15	cps
Indium	115-1	4824286	4835030	4835305	4831540	0.13	cps
Indium	115-2	213508	207786	209358	210217	1.41	cps
Iron	56-2	10594719	10602214	10596367	10597767	0.04	cps
Iron	57-2	265060	266388	264538	265329	0.36	cps
Lead	206-1	2417397	2429458	2403556	2416804	0.54	cps
Lead	207-1	2216171	2239333	2221001	2225502	0.55	cps
Lead	208-1	9887969	9951840	9868591	9902800	0.44	cps
Lithium	6-1	693526	691553	692650	692576	0.14	cps
Magnesium	24-2	1136855	1119553	1089740	1115383	2.14	cps
Manganese	55-2	181711	181228	181813	181584	0.17	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:55:28	DataFile Name :	031LCS6_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5960057	6011144	6026773	5999325	0.58	cps
Molybdenum	95-1	7352372	7347013	7351597	7350328	0.04	cps
Molybdenum	96-1	8106456	8158973	8195979	8153803	0.55	cps
Molybdenum	97-1	4626458	4645205	4620101	4630588	0.28	cps
Molybdenum	98-1	11798742	11771759	11772409	11780970	0.13	cps
Neodymium	150-1	260	173	173	202	24.75	cps
Neodymium	150-2	17	0	0	6	173.21	cps
Nickel	60-2	191325	192544	189477	191115	0.81	cps
Phosphorus	31-2	3059	3492	3142	3231	7.12	cps
Potassium	39-2	323643	320967	322007	322205	0.42	cps
Rhodium	103-1	4394915	4347378	4332494	4358262	0.75	cps
Rhodium	103-2	1155791	1137334	1144606	1145910	0.81	cps
Scandium	45-1	2622706	2640703	2640889	2634766	0.40	cps
Scandium	45-2	22218	21169	21440	21609	2.52	cps
Selenium	77-2	283	330	257	290	12.80	cps
Selenium	78-2	950	1037	952	980	5.08	cps
Selenium	82-1	46902	46852	46620	46791	0.32	cps
Silicon	28-1	1840117	1859619	1861985	1853907	0.65	cps
Silver	109-1	3627046	3662130	3635982	3641719	0.50	cps
Silver	107-1	3759342	3805223	3714115	3759560	1.21	cps
Sodium	23-2	2603306	2590158	2577725	2590397	0.49	cps
Strontium	86-1	937240	951688	944811	944580	0.77	cps
Strontium	88-1	8139370	8227485	8245636	8204164	0.69	cps
Sulfur	34-1	557652	553793	551286	554244	0.58	cps
Terbium	159-1	6277884	6304832	6287965	6290227	0.22	cps
Terbium	159-2	1210767	1198898	1194149	1201272	0.71	cps
Thallium	203-1	2936095	3006414	2993837	2978782	1.26	cps
Thallium	205-1	6935828	7027862	7010010	6991233	0.70	cps
Tin	118-1	2519731	2549342	2515943	2528338	0.72	cps
Titanium	47-1	1848674	1845078	1839874	1844542	0.24	cps
Uranium	238-1	9556639	9545290	9513383	9538437	0.24	cps
Vanadium	51-2	233818	236076	233822	234572	0.56	cps
Yttrium	89-1	5018564	5067332	5017314	5034403	0.57	cps
Yttrium	89-2	160095	158160	159346	159200	0.61	cps
Zinc	66-2	106377	106787	107865	107010	0.72	cps
Zirconium	90-1	5034420	5051072	5032396	5039296	0.20	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:55:28	DataFile Name :	031LCS6_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1104332	1105973	1108103	1106136	0.17	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:58:31	DataFile Name :	032CCV_P8011018MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226734	228196	229012	227981	0.51	cps
Antimony	121-1	3697689	3718158	3709341	3708396	0.28	cps
Arsenic	75-2	40355	40468	41033	40619	0.89	cps
Barium	135-1	3902936	3927403	3896266	3908868	0.42	cps
Barium	137-1	6686498	6716709	6670208	6691138	0.35	cps
Beryllium	9-1	421031	417471	420017	419506	0.44	cps
Bismuth	209-1	3939655	3906006	3895705	3913789	0.59	cps
Bismuth	209-2	951028	941322	942377	944909	0.56	cps
Boron	10-1	48165	48324	50899	49130	3.12	cps
Boron	11-1	224292	232953	234568	230604	2.40	cps
Cadmium	111-1	738348	743292	735698	739112	0.52	cps
Cadmium	106-1	76082	78067	76266	76805	1.43	cps
Cadmium	108-1	52205	52335	52372	52304	0.17	cps
Calcium	43-1	3596642	3579371	3556253	3577422	0.57	cps
Calcium	44-1	58369818	58379762	58194368	58314649	0.18	cps
Chromium	52-2	306937	306419	304859	306072	0.35	cps
Cobalt	59-2	648084	642172	646764	645673	0.48	cps
Copper	63-2	1087089	1075628	1085478	1082732	0.57	cps
Dysprosium	156-1	117	92	42	83	45.82	cps
Dysprosium	156-2	23	3	13	13	75.02	cps
Erbium	164-1	67	75	117	86	31.11	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	83	83	67	43.31	cps
Gadolinium	160-2	13	20	27	20	33.35	cps
Holmium	165-1	5994903	6004983	6034839	6011575	0.35	cps
Holmium	165-2	1249766	1226182	1240730	1238892	0.96	cps
Indium	115-1	4621677	4684906	4727765	4678116	1.14	cps
Indium	115-2	205546	203121	202287	203651	0.83	cps
Iron	56-2	50745955	50675141	50826476	50749191	0.15	cps
Iron	57-2	1281854	1258709	1268642	1269735	0.91	cps
Lead	206-1	2398897	2339183	2344158	2360746	1.40	cps
Lead	207-1	2181157	2172108	2190104	2181123	0.41	cps
Lead	208-1	9691987	9594682	9721651	9669440	0.69	cps
Lithium	6-1	670499	666923	671306	669576	0.35	cps
Magnesium	24-2	5400164	5279903	5346178	5342081	1.13	cps
Manganese	55-2	179019	178129	177305	178151	0.48	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:58:31	DataFile Name :	032CCV_P8011018MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5969626	6000495	5955680	5975267	0.38	cps
Molybdenum	95-1	7283375	7430938	7236402	7316905	1.39	cps
Molybdenum	96-1	8098302	8225450	8139709	8154487	0.80	cps
Molybdenum	97-1	4609765	4621463	4620506	4617245	0.14	cps
Molybdenum	98-1	11776778	11701708	11712941	11730476	0.35	cps
Neodymium	150-1	240	220	227	229	4.45	cps
Neodymium	150-2	23	23	20	22	8.65	cps
Nickel	60-2	185579	184812	184373	184921	0.33	cps
Phosphorus	31-2	3009	3267	3117	3131	4.14	cps
Potassium	39-2	1601925	1573879	1566246	1580683	1.19	cps
Rhodium	103-1	4190549	4194459	4207733	4197580	0.21	cps
Rhodium	103-2	1108320	1092162	1090748	1097077	0.89	cps
Scandium	45-1	2600278	2635747	2613725	2616583	0.68	cps
Scandium	45-2	21790	21149	21153	21364	1.73	cps
Selenium	77-2	293	240	253	262	10.58	cps
Selenium	78-2	922	920	969	937	2.91	cps
Selenium	82-1	45917	46211	45630	45919	0.63	cps
Silicon	28-1	1677857	1674228	1664804	1672296	0.40	cps
Silver	109-1	3538388	3468583	3468605	3491859	1.15	cps
Silver	107-1	3650531	3607593	3586478	3614867	0.90	cps
Sodium	23-2	12231773	12082000	12063813	12125862	0.76	cps
Strontium	86-1	959258	966465	956802	960842	0.52	cps
Strontium	88-1	8388375	8396633	8340293	8375100	0.36	cps
Sulfur	34-1	545632	543771	537988	542464	0.73	cps
Terbium	159-1	6121085	6140396	6212032	6157838	0.78	cps
Terbium	159-2	1187410	1172373	1171544	1177109	0.76	cps
Thallium	203-1	2949220	2900959	2945354	2931844	0.91	cps
Thallium	205-1	6949712	6834390	6848006	6877369	0.92	cps
Tin	118-1	2524508	2503451	2481856	2503272	0.85	cps
Titanium	47-1	1874048	1832848	1836716	1847871	1.23	cps
Uranium	238-1	9702476	9681590	9749084	9711050	0.36	cps
Vanadium	51-2	233151	230733	232771	232218	0.56	cps
Yttrium	89-1	4925164	5002982	4968268	4965471	0.79	cps
Yttrium	89-2	157665	154491	155399	155852	1.05	cps
Zinc	66-2	104580	104167	104050	104265	0.27	cps
Zirconium	90-1	5050218	5159631	5008081	5072643	1.54	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 16:58:31	DataFile Name :	032CCV_P8011018MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1111220	1120519	1097494	1109744	1.04	cps

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P8
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 17:07:36 DataFile Name : 033CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	8	17	86.64	cps
Antimony	121-1	892	1008	1000	967	6.73	cps
Arsenic	75-2	4	4	11	6	69.34	cps
Barium	135-1	25	42	42	36	26.65	cps
Barium	137-1	0	58	25	28	105.36	cps
Beryllium	9-1	217	200	211	209	4.05	cps
Bismuth	209-1	4200962	4151178	4163200	4171780	0.62	cps
Bismuth	209-2	1011618	1011587	1003206	1008804	0.48	cps
Boron	10-1	792	708	725	742	5.95	cps
Boron	11-1	3359	3234	3876	3489	9.75	cps
Cadmium	111-1	536	593	580	570	5.28	cps
Cadmium	106-1	742	850	825	806	7.04	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	842	725	958	842	13.86	cps
Calcium	44-1	16035	16243	16494	16257	1.41	cps
Chromium	52-2	347	363	293	334	10.93	cps
Cobalt	59-2	57	40	60	52	20.52	cps
Copper	63-2	147	127	77	117	30.90	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	6110042	6101283	6134728	6115351	0.28	cps
Holmium	165-2	1249104	1246976	1231672	1242584	0.77	cps
Indium	115-1	4862104	4990882	5006649	4953212	1.60	cps
Indium	115-2	219055	216036	214135	216409	1.15	cps
Iron	56-2	1878	1795	1667	1780	5.98	cps
Iron	57-2	50	56	61	56	10.00	cps
Lead	206-1	389	361	350	367	5.46	cps
Lead	207-1	311	256	339	302	14.06	cps
Lead	208-1	1395	1372	1528	1432	5.88	cps
Lithium	6-1	713751	708495	711646	711297	0.37	cps
Magnesium	24-2	300	267	275	281	6.18	cps
Manganese	55-2	33	10	7	17	87.16	cps

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P8
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 17:07:36 DataFile Name : 033CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	308	192	233	27.89	cps
Molybdenum	95-1	275	108	175	186	45.07	cps
Molybdenum	96-1	283	292	292	289	1.66	cps
Molybdenum	97-1	167	117	142	142	17.65	cps
Molybdenum	98-1	342	283	250	292	15.91	cps
Neodymium	150-1	0	33	0	11	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	250	267	233	250	6.67	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	2692	2717	2859	2756	3.26	cps
Rhodium	103-1	4546058	4584408	4470507	4533658	1.28	cps
Rhodium	103-2	1183985	1185084	1169577	1179549	0.73	cps
Scandium	45-1	2640525	2661051	2663139	2654905	0.47	cps
Scandium	45-2	21213	21493	21270	21325	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-32	-44	-19	-32	-39.26	cps
Silicon	28-1	375147	372608	369038	372264	0.82	cps
Silver	109-1	108	100	83	97	13.09	cps
Silver	107-1	167	200	83	150	40.06	cps
Sodium	23-2	14258	14091	14550	14299	1.62	cps
Strontium	86-1	508	375	517	467	17.04	cps
Strontium	88-1	142	133	133	136	3.53	cps
Sulfur	34-1	349093	350802	351232	350376	0.32	cps
Terbium	159-1	6249256	6323734	6253553	6275514	0.67	cps
Terbium	159-2	1208825	1195714	1182744	1195761	1.09	cps
Thallium	203-1	442	500	483	475	6.33	cps
Thallium	205-1	900	808	1008	906	11.06	cps
Tin	118-1	625	717	475	606	20.15	cps
Titanium	47-1	117	175	75	122	41.10	cps
Uranium	238-1	42	92	17	50	76.37	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	5075405	5066508	5097513	5079809	0.31	cps
Yttrium	89-2	160176	159596	157408	159060	0.92	cps
Zinc	66-2	27	13	47	29	58.08	cps
Zirconium	90-1	267	317	375	319	16.97	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:07:36	DataFile Name :	033CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	50	108	106	51.37	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:17:13	DataFile Name :	036LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	142	133	133	6.25	cps
Antimony	121-1	14091	14008	12932	13677	4.73	cps
Arsenic	75-2	89	100	74	88	14.84	cps
Barium	135-1	14951	14692	14592	14745	1.26	cps
Barium	137-1	25241	24891	25450	25194	1.12	cps
Beryllium	9-1	939	1022	950	970	4.66	cps
Bismuth	209-1	4076655	4090021	4045446	4070707	0.56	cps
Bismuth	209-2	998527	993490	993601	995206	0.29	cps
Boron	10-1	2750	2667	2575	2664	3.29	cps
Boron	11-1	12356	12306	12373	12345	0.28	cps
Cadmium	111-1	2026	1976	1973	1992	1.51	cps
Cadmium	106-1	842	1017	908	922	9.58	cps
Cadmium	108-1	96	129	96	107	17.99	cps
Calcium	43-1	8036	7427	7703	7722	3.95	cps
Calcium	44-1	124086	127189	124156	125144	1.42	cps
Chromium	52-2	1473	1590	1510	1525	3.91	cps
Cobalt	59-2	1287	1230	1333	1283	4.03	cps
Copper	63-2	2254	2320	2367	2314	2.46	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	0	58	31	95.79	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	5986275	5929878	6025032	5980395	0.80	cps
Holmium	165-2	1232839	1228308	1227300	1229482	0.24	cps
Indium	115-1	4870133	4805903	4869837	4848624	0.76	cps
Indium	115-2	215275	214716	215016	215002	0.13	cps
Iron	56-2	21790	21489	22062	21780	1.32	cps
Iron	57-2	500	533	506	513	3.48	cps
Lead	206-1	5157	4796	5046	4999	3.70	cps
Lead	207-1	4262	4462	4529	4418	3.14	cps
Lead	208-1	19935	19184	20251	19790	2.77	cps
Lithium	6-1	700153	698713	696246	698370	0.28	cps
Magnesium	24-2	10579	10613	10513	10568	0.48	cps
Manganese	55-2	173	163	227	188	18.13	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:17:13	DataFile Name :	036LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11147	11605	10980	11244	2.88	cps
Molybdenum	95-1	13833	13783	13274	13630	2.27	cps
Molybdenum	96-1	15067	15535	14492	15031	3.48	cps
Molybdenum	97-1	8870	8953	8653	8825	1.76	cps
Molybdenum	98-1	21810	21943	21735	21829	0.48	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	720	647	650	672	6.16	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	8478	8861	8186	8508	3.98	cps
Rhodium	103-1	4497276	4406392	4407333	4437001	1.18	cps
Rhodium	103-2	1167054	1160790	1161293	1163046	0.30	cps
Scandium	45-1	2561460	2580564	2589047	2577024	0.55	cps
Scandium	45-2	21153	21437	21356	21315	0.69	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	13	13	13	13	0.00	cps
Selenium	82-1	469	457	410	445	6.99	cps
Silicon	28-1	413136	409687	410686	411170	0.43	cps
Silver	109-1	6469	6852	6744	6688	2.96	cps
Silver	107-1	6977	7010	7327	7105	2.72	cps
Sodium	23-2	38804	36990	38060	37951	2.40	cps
Strontium	86-1	2092	2209	2309	2203	4.92	cps
Strontium	88-1	15585	15960	15935	15826	1.33	cps
Sulfur	34-1	351268	351889	350152	351103	0.25	cps
Terbium	159-1	6148657	6101385	6170414	6140152	0.57	cps
Terbium	159-2	1178655	1178605	1181838	1179699	0.16	cps
Thallium	203-1	5535	6535	6127	6066	8.29	cps
Thallium	205-1	13758	14284	13366	13803	3.34	cps
Tin	118-1	23279	23196	23013	23163	0.59	cps
Titanium	47-1	3426	3942	3876	3748	7.50	cps
Uranium	238-1	18139	17404	17104	17549	3.03	cps
Vanadium	51-2	2134	2110	2227	2157	2.86	cps
Yttrium	89-1	5023027	4972702	4918687	4971472	1.05	cps
Yttrium	89-2	159535	156502	157486	157841	0.98	cps
Zinc	66-2	293	347	300	313	9.27	cps
Zirconium	90-1	10430	10163	9137	9910	6.89	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-1	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:17:13	DataFile Name :	036LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2300	2342	2259	2300	1.81	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:26:49	DataFile Name :	039LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	108	142	136	18.70	cps
Antimony	121-1	13783	14442	13424	13883	3.72	cps
Arsenic	75-2	63	85	81	77	15.56	cps
Barium	135-1	14133	14342	14750	14408	2.18	cps
Barium	137-1	24515	24883	25467	24955	1.92	cps
Beryllium	9-1	1011	945	1000	985	3.63	cps
Bismuth	209-1	4172888	4144472	4131543	4149634	0.51	cps
Bismuth	209-2	1007977	997177	995282	1000145	0.68	cps
Boron	10-1	2534	2542	2625	2567	1.97	cps
Boron	11-1	11630	12414	12639	12228	4.33	cps
Cadmium	111-1	2028	2132	1880	2013	6.29	cps
Cadmium	106-1	917	1050	1025	997	7.11	cps
Cadmium	108-1	92	58	138	96	41.48	cps
Calcium	43-1	7552	7711	7427	7563	1.88	cps
Calcium	44-1	125045	126248	126465	125919	0.61	cps
Chromium	52-2	1533	1540	1517	1530	0.79	cps
Cobalt	59-2	1257	1260	1363	1293	4.69	cps
Copper	63-2	2234	2277	2400	2304	3.75	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	75	42	75	64	30.12	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	25	0	25	17	86.60	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	6086731	6097825	5940590	6041715	1.45	cps
Holmium	165-2	1240126	1229252	1235255	1234878	0.44	cps
Indium	115-1	4931165	4886367	4828063	4881865	1.06	cps
Indium	115-2	216751	211571	214875	214399	1.22	cps
Iron	56-2	22608	21473	22830	22304	3.26	cps
Iron	57-2	522	644	667	611	12.73	cps
Lead	206-1	4962	4918	4757	4879	2.22	cps
Lead	207-1	3973	4184	4440	4199	5.57	cps
Lead	208-1	19551	19546	19401	19499	0.44	cps
Lithium	6-1	700642	704748	705468	703619	0.37	cps
Magnesium	24-2	10504	10546	10521	10524	0.20	cps
Manganese	55-2	203	230	240	224	8.45	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:26:49	DataFile Name :	039LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11197	10613	11305	11038	3.37	cps
Molybdenum	95-1	13966	13274	13783	13674	2.62	cps
Molybdenum	96-1	14834	15234	15493	15187	2.19	cps
Molybdenum	97-1	8370	8595	8061	8342	3.21	cps
Molybdenum	98-1	21535	21393	21084	21337	1.08	cps
Neodymium	150-1	7	20	47	24	83.31	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	697	733	687	706	3.48	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	8720	8611	8320	8550	2.42	cps
Rhodium	103-1	4472880	4523428	4435952	4477420	0.98	cps
Rhodium	103-2	1183108	1170590	1169783	1174494	0.64	cps
Scandium	45-1	2578915	2595542	2583304	2585921	0.33	cps
Scandium	45-2	21924	21096	21166	21395	2.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	11	7	11	10	21.63	cps
Selenium	82-1	485	386	486	452	12.75	cps
Silicon	28-1	413829	414283	410792	412968	0.46	cps
Silver	109-1	6510	6952	6619	6694	3.44	cps
Silver	107-1	7861	7111	7311	7427	5.23	cps
Sodium	23-2	38035	36982	37818	37612	1.48	cps
Strontium	86-1	2050	2234	2092	2125	4.52	cps
Strontium	88-1	16043	15409	16903	16119	4.65	cps
Sulfur	34-1	350727	352276	351975	351659	0.23	cps
Terbium	159-1	6197998	6154398	6194810	6182402	0.39	cps
Terbium	159-2	1195743	1186617	1179221	1187194	0.70	cps
Thallium	203-1	5468	5585	5560	5538	1.11	cps
Thallium	205-1	13249	14150	13833	13744	3.33	cps
Tin	118-1	23906	23087	23254	23416	1.85	cps
Titanium	47-1	3542	3709	3651	3634	2.33	cps
Uranium	238-1	17254	17021	17271	17182	0.81	cps
Vanadium	51-2	2140	2207	2114	2154	2.23	cps
Yttrium	89-1	5043220	5031487	4963627	5012778	0.86	cps
Yttrium	89-2	157967	157937	157708	157871	0.09	cps
Zinc	66-2	267	267	273	269	1.43	cps
Zirconium	90-1	10079	9904	10213	10065	1.54	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:26:49	DataFile Name :	039LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2059	2392	2192	2214	7.58	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:30:21	DataFile Name :	040LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	108	89	23.59	cps
Antimony	121-1	14450	13991	14225	14222	1.61	cps
Arsenic	75-2	59	107	94	87	28.63	cps
Barium	135-1	15810	15435	14800	15348	3.32	cps
Barium	137-1	26135	25701	24807	25548	2.65	cps
Beryllium	9-1	995	833	1006	945	10.21	cps
Bismuth	209-1	4161868	4208659	4204109	4191545	0.62	cps
Bismuth	209-2	1033348	1028220	1031350	1030973	0.25	cps
Boron	10-1	3050	2600	2650	2767	8.92	cps
Boron	11-1	12464	12781	12531	12592	1.33	cps
Cadmium	111-1	2125	1996	2237	2119	5.70	cps
Cadmium	106-1	1025	1008	1075	1036	3.35	cps
Cadmium	108-1	150	104	100	118	23.50	cps
Calcium	43-1	7702	8169	8245	8039	3.65	cps
Calcium	44-1	130192	129056	128509	129252	0.66	cps
Chromium	52-2	1613	1583	1607	1601	0.98	cps
Cobalt	59-2	1407	1400	1450	1419	1.91	cps
Copper	63-2	2420	2594	2480	2498	3.52	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	33	42	50	42	20.01	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	6117023	6194299	6158857	6156727	0.63	cps
Holmium	165-2	1268851	1272480	1271200	1270844	0.14	cps
Indium	115-1	4991815	5003203	4975382	4990133	0.28	cps
Indium	115-2	222147	222929	220898	221991	0.46	cps
Iron	56-2	21712	21979	22129	21940	0.96	cps
Iron	57-2	567	506	561	544	6.21	cps
Lead	206-1	4901	5090	4812	4934	2.88	cps
Lead	207-1	4456	4618	4507	4527	1.82	cps
Lead	208-1	19812	19773	20135	19907	1.00	cps
Lithium	6-1	713643	720249	720700	718197	0.55	cps
Magnesium	24-2	10488	11830	10980	11099	6.12	cps
Manganese	55-2	177	193	203	191	7.05	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:30:21	DataFile Name :	040LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11714	11714	11772	11733	0.29	cps
Molybdenum	95-1	14083	14267	14634	14328	1.96	cps
Molybdenum	96-1	15610	16144	15293	15682	2.74	cps
Molybdenum	97-1	8820	8845	9304	8989	3.03	cps
Molybdenum	98-1	23020	22945	22970	22979	0.17	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	680	680	703	688	1.96	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	8953	8861	8620	8811	1.96	cps
Rhodium	103-1	4592655	4521505	4562604	4558921	0.78	cps
Rhodium	103-2	1218765	1204711	1208339	1210605	0.60	cps
Scandium	45-1	2649701	2684967	2682126	2672265	0.73	cps
Scandium	45-2	21670	22154	22048	21957	1.16	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	9	11	9	19.98	cps
Selenium	82-1	392	482	536	470	15.57	cps
Silicon	28-1	418431	413991	417551	416658	0.56	cps
Silver	109-1	7002	7327	7402	7244	2.94	cps
Silver	107-1	7728	7869	7527	7708	2.23	cps
Sodium	23-2	38729	39046	39063	38946	0.48	cps
Strontium	86-1	2592	2067	2175	2278	12.17	cps
Strontium	88-1	16360	15868	16502	16244	2.05	cps
Sulfur	34-1	364812	360196	358342	361117	0.92	cps
Terbium	159-1	6250149	6278013	6400874	6309679	1.27	cps
Terbium	159-2	1225954	1214602	1217210	1219255	0.49	cps
Thallium	203-1	6010	5852	5877	5913	1.44	cps
Thallium	205-1	14242	13675	14017	13978	2.04	cps
Tin	118-1	24532	24966	25149	24882	1.27	cps
Titanium	47-1	3734	3559	3992	3762	5.80	cps
Uranium	238-1	18748	18665	17713	18376	3.13	cps
Vanadium	51-2	2380	2287	2384	2350	2.34	cps
Yttrium	89-1	5094656	5098316	5142155	5111709	0.52	cps
Yttrium	89-2	164035	162615	163687	163446	0.45	cps
Zinc	66-2	280	280	280	280	0.00	cps
Zirconium	90-1	10354	10296	10580	10410	1.44	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:30:21	DataFile Name :	040LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2159	2375	2309	2281	4.87	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:35:22	DataFile Name :	041LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	133	125	125	6.67	cps
Antimony	121-1	13057	13582	12924	13188	2.64	cps
Arsenic	75-2	81	81	83	82	1.30	cps
Barium	135-1	13649	13908	12590	13382	5.22	cps
Barium	137-1	23839	24365	22578	23594	3.89	cps
Beryllium	9-1	1017	844	844	902	11.03	cps
Bismuth	209-1	4190249	4211994	3773685	4058643	6.09	cps
Bismuth	209-2	966564	979304	999557	981808	1.69	cps
Boron	10-1	2134	2617	2475	2409	10.32	cps
Boron	11-1	10488	11722	11105	11105	5.56	cps
Cadmium	111-1	2019	2036	1837	1964	5.62	cps
Cadmium	106-1	1008	933	908	950	5.48	cps
Cadmium	108-1	125	96	100	107	14.75	cps
Calcium	43-1	7336	7527	6527	7130	7.45	cps
Calcium	44-1	119405	123110	113809	118775	3.94	cps
Chromium	52-2	1413	1493	1633	1513	7.36	cps
Cobalt	59-2	1237	1447	1327	1337	7.88	cps
Copper	63-2	2384	2277	2160	2274	4.91	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	7	13	0	7	99.98	cps
Holmium	165-1	6093101	6180467	5532167	5935245	5.93	cps
Holmium	165-2	1190792	1214659	1229733	1211728	1.62	cps
Indium	115-1	4937092	4971420	4529218	4812577	5.11	cps
Indium	115-2	208995	210830	215310	211711	1.53	cps
Iron	56-2	21061	21678	21122	21287	1.60	cps
Iron	57-2	622	572	478	557	13.16	cps
Lead	206-1	4684	4790	4406	4627	4.28	cps
Lead	207-1	3990	4195	4006	4064	2.81	cps
Lead	208-1	18717	19190	17583	18497	4.46	cps
Lithium	6-1	716008	723052	658530	699197	5.06	cps
Magnesium	24-2	10588	10204	10863	10552	3.14	cps
Manganese	55-2	187	170	197	184	7.30	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:35:22	DataFile Name :	041LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10621	11022	9946	10530	5.16	cps
Molybdenum	95-1	12898	13674	11947	12840	6.74	cps
Molybdenum	96-1	14350	14709	13691	14250	3.62	cps
Molybdenum	97-1	7627	8370	7744	7914	5.04	cps
Molybdenum	98-1	20466	21885	20266	20872	4.23	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	587	603	603	598	1.61	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	8319	7994	7911	8075	2.67	cps
Rhodium	103-1	4537278	4541103	4144214	4407532	5.17	cps
Rhodium	103-2	1133203	1143139	1179528	1151957	2.12	cps
Scandium	45-1	2672882	2675546	2416928	2588452	5.74	cps
Scandium	45-2	20675	20849	21547	21024	2.19	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	17	9	20	15	36.66	cps
Selenium	82-1	435	402	395	411	5.22	cps
Silicon	28-1	406471	409191	405155	406939	0.51	cps
Silver	109-1	6527	6602	6719	6616	1.46	cps
Silver	107-1	6719	7086	6594	6799	3.76	cps
Sodium	23-2	37408	37575	37601	37528	0.28	cps
Strontium	86-1	2225	2117	2142	2161	2.62	cps
Strontium	88-1	14583	15167	14592	14781	2.26	cps
Sulfur	34-1	349150	358154	353117	353474	1.28	cps
Terbium	159-1	6325231	6312985	5722743	6120320	5.63	cps
Terbium	159-2	1140616	1157549	1182874	1160346	1.83	cps
Thallium	203-1	5351	5393	4884	5210	5.42	cps
Thallium	205-1	12623	12799	12423	12615	1.49	cps
Tin	118-1	22228	23163	22470	22620	2.15	cps
Titanium	47-1	3526	3326	3009	3287	7.93	cps
Uranium	238-1	15736	17763	16604	16701	6.09	cps
Vanadium	51-2	2214	2174	2210	2199	1.01	cps
Yttrium	89-1	5067550	5066112	4573166	4902276	5.81	cps
Yttrium	89-2	152995	154276	158176	155149	1.74	cps
Zinc	66-2	213	277	257	249	13.01	cps
Zirconium	90-1	8945	10263	9129	9445	7.56	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:35:22	DataFile Name :	041LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2250	2375	2042	2223	7.58	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:38:33	DataFile Name :	042LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	125	142	142	11.76	cps
Antimony	121-1	14108	14308	14800	14406	2.47	cps
Arsenic	75-2	85	98	81	88	9.91	cps
Barium	135-1	14809	15209	15168	15062	1.46	cps
Barium	137-1	25559	26260	25684	25835	1.45	cps
Beryllium	9-1	1028	950	1072	1017	6.09	cps
Bismuth	209-1	4208835	4162516	4204698	4192017	0.61	cps
Bismuth	209-2	1011048	1014397	1013262	1012902	0.17	cps
Boron	10-1	2584	2925	2584	2698	7.31	cps
Boron	11-1	12664	12915	12373	12651	2.15	cps
Cadmium	111-1	1993	2193	2069	2085	4.82	cps
Cadmium	106-1	992	1083	1017	1031	4.60	cps
Cadmium	108-1	150	142	150	147	3.27	cps
Calcium	43-1	7702	7452	7853	7669	2.64	cps
Calcium	44-1	128620	125911	125869	126800	1.24	cps
Chromium	52-2	1573	1567	1577	1572	0.32	cps
Cobalt	59-2	1380	1347	1327	1351	1.99	cps
Copper	63-2	2424	2304	2487	2405	3.87	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	0	0	10	3	173.21	cps
Gadolinium	160-1	25	67	8	33	90.15	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	6129917	6155410	6079378	6121569	0.63	cps
Holmium	165-2	1260275	1243819	1259695	1254596	0.74	cps
Indium	115-1	5000503	4980547	4962402	4981151	0.38	cps
Indium	115-2	218740	218219	219579	218846	0.31	cps
Iron	56-2	22636	23070	22246	22650	1.82	cps
Iron	57-2	622	611	517	583	9.94	cps
Lead	206-1	4796	4946	4957	4899	1.84	cps
Lead	207-1	4601	4356	4529	4495	2.79	cps
Lead	208-1	20446	19562	20279	20096	2.34	cps
Lithium	6-1	715264	722420	715891	717858	0.55	cps
Magnesium	24-2	11363	10846	10671	10960	3.28	cps
Manganese	55-2	183	170	237	197	17.94	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:38:33	DataFile Name :	042LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11389	11364	11881	11544	2.53	cps
Molybdenum	95-1	14133	14450	13841	14141	2.15	cps
Molybdenum	96-1	15568	16252	14934	15585	4.23	cps
Molybdenum	97-1	9028	9204	8995	9076	1.23	cps
Molybdenum	98-1	22987	23605	21702	22764	4.27	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	627	680	683	663	4.79	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	8920	8520	8528	8656	2.64	cps
Rhodium	103-1	4612222	4604623	4579777	4598874	0.37	cps
Rhodium	103-2	1197956	1189249	1194749	1193985	0.37	cps
Scandium	45-1	2676882	2650868	2645101	2657617	0.64	cps
Scandium	45-2	22408	21690	22492	22197	1.98	cps
Selenium	77-2	13	0	7	7	99.98	cps
Selenium	78-2	9	22	7	13	62.25	cps
Selenium	82-1	482	437	391	437	10.37	cps
Silicon	28-1	419071	420433	417823	419109	0.31	cps
Silver	109-1	7252	7436	6635	7108	5.90	cps
Silver	107-1	7127	7169	7402	7233	2.05	cps
Sodium	23-2	38211	39038	38570	38606	1.07	cps
Strontium	86-1	2467	2409	2275	2384	4.12	cps
Strontium	88-1	16511	16794	16502	16602	1.00	cps
Sulfur	34-1	363749	364800	367554	365367	0.54	cps
Terbium	159-1	6333449	6335033	6265045	6311176	0.63	cps
Terbium	159-2	1207975	1201493	1205285	1204918	0.27	cps
Thallium	203-1	6235	5768	6110	6038	4.00	cps
Thallium	205-1	14200	13633	14376	14070	2.76	cps
Tin	118-1	25266	24749	24457	24824	1.65	cps
Titanium	47-1	3509	3634	3909	3684	5.56	cps
Uranium	238-1	19366	18832	18514	18904	2.28	cps
Vanadium	51-2	2164	2200	2390	2251	5.41	cps
Yttrium	89-1	5065477	5081743	5015400	5054206	0.68	cps
Yttrium	89-2	161994	160695	160850	161180	0.44	cps
Zinc	66-2	257	280	313	283	10.05	cps
Zirconium	90-1	10254	10346	10471	10357	1.05	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-5	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:38:33	DataFile Name :	042LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2992	2275	2117	2461	18.95	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:44:57	DataFile Name :	044LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	142	108	111	26.34	cps
Antimony	121-1	14517	13958	14358	14278	2.02	cps
Arsenic	75-2	67	78	76	73	8.10	cps
Barium	135-1	14909	14342	14625	14625	1.94	cps
Barium	137-1	25559	25425	26152	25712	1.50	cps
Beryllium	9-1	850	945	967	920	6.73	cps
Bismuth	209-1	4181233	4093969	4143423	4139542	1.06	cps
Bismuth	209-2	942950	903178	950039	932056	2.71	cps
Boron	10-1	2517	2742	3009	2756	8.93	cps
Boron	11-1	11980	12281	12773	12345	3.24	cps
Cadmium	111-1	2090	2034	2134	2086	2.39	cps
Cadmium	106-1	1042	1000	1083	1042	4.00	cps
Cadmium	108-1	175	113	83	124	37.89	cps
Calcium	43-1	7302	7994	7394	7563	4.97	cps
Calcium	44-1	125785	125903	124961	125549	0.41	cps
Chromium	52-2	1593	1390	1697	1560	10.00	cps
Cobalt	59-2	1340	1160	1157	1219	8.61	cps
Copper	63-2	2264	2197	2387	2282	4.22	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	33	92	47	83.40	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	17	42	50	36	48.03	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	6019578	6106301	6020833	6048904	0.82	cps
Holmium	165-2	1165904	1111256	1171010	1149390	2.88	cps
Indium	115-1	4988354	4965168	4907684	4953735	0.84	cps
Indium	115-2	203814	193667	201889	199790	2.70	cps
Iron	56-2	20577	20705	20727	20669	0.39	cps
Iron	57-2	578	506	589	557	8.12	cps
Lead	206-1	4373	4890	4695	4653	5.61	cps
Lead	207-1	4545	4318	4329	4397	2.92	cps
Lead	208-1	19062	19128	19590	19260	1.49	cps
Lithium	6-1	712282	717953	712987	714407	0.43	cps
Magnesium	24-2	9729	9587	10079	9798	2.58	cps
Manganese	55-2	213	157	250	207	22.75	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:44:57	DataFile Name :	044LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11380	11088	11631	11366	2.39	cps
Molybdenum	95-1	14175	13924	14116	14072	0.93	cps
Molybdenum	96-1	15067	15368	15409	15282	1.22	cps
Molybdenum	97-1	9103	8787	8737	8875	2.24	cps
Molybdenum	98-1	22636	21743	21092	21824	3.55	cps
Neodymium	150-1	27	0	13	13	100.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	543	603	743	630	16.29	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	8253	8086	7861	8067	2.44	cps
Rhodium	103-1	4566262	4574279	4471856	4537466	1.26	cps
Rhodium	103-2	1101914	1054152	1109632	1088566	2.76	cps
Scandium	45-1	2672789	2650784	2625725	2649766	0.89	cps
Scandium	45-2	20268	19587	20038	19964	1.74	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	9	11	7	9	19.98	cps
Selenium	82-1	468	462	486	472	2.71	cps
Silicon	28-1	421878	419877	418314	420023	0.43	cps
Silver	109-1	7102	7127	7019	7083	0.80	cps
Silver	107-1	7211	6702	7477	7130	5.53	cps
Sodium	23-2	36790	35337	36857	36328	2.37	cps
Strontium	86-1	2192	2467	2117	2259	8.16	cps
Strontium	88-1	16970	16068	15960	16333	3.39	cps
Sulfur	34-1	365902	363408	363623	364311	0.38	cps
Terbium	159-1	6286758	6285369	6269817	6280648	0.15	cps
Terbium	159-2	1124582	1064499	1126986	1105356	3.20	cps
Thallium	203-1	6043	5585	5818	5816	3.94	cps
Thallium	205-1	13816	13474	13742	13677	1.31	cps
Tin	118-1	24164	24156	23914	24078	0.59	cps
Titanium	47-1	3934	3567	3576	3692	5.67	cps
Uranium	238-1	17380	18089	18097	17855	2.31	cps
Vanadium	51-2	1967	1887	2034	1962	3.74	cps
Yttrium	89-1	5095509	5101678	5047693	5081627	0.58	cps
Yttrium	89-2	149882	143262	149963	147702	2.60	cps
Zinc	66-2	263	270	253	262	3.20	cps
Zirconium	90-1	9512	9988	10363	9954	4.28	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-6	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:44:57	DataFile Name :	044LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2300	2509	2375	2395	4.41	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:52:19	DataFile Name :	046LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	92	125	100	22.05	cps
Antimony	121-1	14283	13783	13407	13824	3.18	cps
Arsenic	75-2	67	81	74	74	10.00	cps
Barium	135-1	14000	14500	14934	14478	3.23	cps
Barium	137-1	24482	25943	24348	24924	3.55	cps
Beryllium	9-1	956	1067	889	970	9.26	cps
Bismuth	209-1	4062595	4099450	4036442	4066162	0.78	cps
Bismuth	209-2	988798	996944	991486	992409	0.42	cps
Boron	10-1	2367	2725	2409	2500	7.84	cps
Boron	11-1	11872	12656	11488	12006	4.96	cps
Cadmium	111-1	1992	2115	2231	2113	5.65	cps
Cadmium	106-1	842	1017	1175	1011	16.49	cps
Cadmium	108-1	121	108	83	104	18.33	cps
Calcium	43-1	7627	7761	7694	7694	0.87	cps
Calcium	44-1	127113	125431	126969	126504	0.74	cps
Chromium	52-2	1477	1593	1567	1546	3.96	cps
Cobalt	59-2	1350	1500	1407	1419	5.34	cps
Copper	63-2	2367	2450	2434	2417	1.82	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	0	25	33	19	89.21	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	5943186	5934863	5946742	5941597	0.10	cps
Holmium	165-2	1236993	1229250	1214144	1226795	0.95	cps
Indium	115-1	4852925	4879602	4888451	4873660	0.38	cps
Indium	115-2	214621	216222	211183	214009	1.20	cps
Iron	56-2	22407	21862	21473	21914	2.14	cps
Iron	57-2	506	667	656	609	14.77	cps
Lead	206-1	4823	4990	4884	4899	1.72	cps
Lead	207-1	4306	4607	4318	4410	3.86	cps
Lead	208-1	19195	19801	19879	19625	1.91	cps
Lithium	6-1	691853	693606	692139	692533	0.14	cps
Magnesium	24-2	10930	10121	10921	10657	4.36	cps
Manganese	55-2	177	227	170	191	16.20	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:52:19	DataFile Name :	046LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10988	11138	11222	11116	1.06	cps
Molybdenum	95-1	13799	13474	13582	13619	1.22	cps
Molybdenum	96-1	15042	14976	15551	15190	2.07	cps
Molybdenum	97-1	8486	8962	8595	8681	2.87	cps
Molybdenum	98-1	21409	21576	22378	21788	2.38	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	553	590	603	582	4.45	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9237	8620	8703	8853	3.78	cps
Rhodium	103-1	4406340	4512296	4450940	4456526	1.19	cps
Rhodium	103-2	1176247	1174388	1163857	1171497	0.57	cps
Scandium	45-1	2619831	2625379	2576818	2607342	1.02	cps
Scandium	45-2	21750	21747	21964	21820	0.57	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	9	9	9	9	0.00	cps
Selenium	82-1	499	451	450	467	5.98	cps
Silicon	28-1	415631	418298	414994	416308	0.42	cps
Silver	109-1	6702	6652	6877	6744	1.75	cps
Silver	107-1	7219	7111	7027	7119	1.35	cps
Sodium	23-2	37977	38720	38444	38381	0.98	cps
Strontium	86-1	2475	2525	2167	2389	8.12	cps
Strontium	88-1	16319	16219	15801	16113	1.70	cps
Sulfur	34-1	359170	361544	362008	360907	0.42	cps
Terbium	159-1	6144856	6113588	6098649	6119031	0.39	cps
Terbium	159-2	1188551	1184619	1173943	1182371	0.64	cps
Thallium	203-1	5635	5718	5551	5635	1.48	cps
Thallium	205-1	13474	13416	13675	13522	1.00	cps
Tin	118-1	23296	23455	24231	23661	2.11	cps
Titanium	47-1	3742	3526	3534	3601	3.41	cps
Uranium	238-1	17455	17872	17321	17549	1.64	cps
Vanadium	51-2	2237	2307	2154	2232	3.44	cps
Yttrium	89-1	4991923	4944504	4968883	4968437	0.48	cps
Yttrium	89-2	159529	159137	157644	158770	0.63	cps
Zinc	66-2	233	280	277	263	9.89	cps
Zirconium	90-1	10037	10279	9987	10101	1.55	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	6020 SOIL LLOQ-7	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL LLOQ-7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:52:19	DataFile Name :	046LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2250	2242	2284	2259	0.98	cps

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P8
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 17:55:31 DataFile Name : 047CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	25	19	24.73	cps
Antimony	121-1	92	67	83	81	15.80	cps
Arsenic	75-2	4	0	2	2	100.00	cps
Barium	135-1	33	42	17	31	41.66	cps
Barium	137-1	17	42	42	33	43.30	cps
Beryllium	9-1	56	117	61	78	43.45	cps
Bismuth	209-1	4057338	4060332	4051198	4056289	0.11	cps
Bismuth	209-2	1002375	1000763	996759	999966	0.29	cps
Boron	10-1	317	308	417	347	17.36	cps
Boron	11-1	1725	1575	1725	1675	5.17	cps
Cadmium	111-1	539	565	564	556	2.69	cps
Cadmium	106-1	758	808	800	789	3.40	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	800	800	717	772	6.23	cps
Calcium	44-1	14475	14633	15125	14744	2.30	cps
Chromium	52-2	303	293	263	287	7.26	cps
Cobalt	59-2	47	37	43	42	12.06	cps
Copper	63-2	110	127	123	120	7.35	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	0	33	58	31	95.79	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	5894938	5936150	5942041	5924377	0.43	cps
Holmium	165-2	1242864	1236257	1235977	1238366	0.31	cps
Indium	115-1	4786276	4886418	4903240	4858645	1.30	cps
Indium	115-2	217261	217033	216843	217046	0.10	cps
Iron	56-2	1433	1189	1300	1308	9.36	cps
Iron	57-2	33	56	61	50	29.40	cps
Lead	206-1	161	172	200	178	11.27	cps
Lead	207-1	183	156	222	187	17.90	cps
Lead	208-1	739	706	817	754	7.57	cps
Lithium	6-1	693149	693141	695701	693997	0.21	cps
Magnesium	24-2	325	333	350	336	3.79	cps
Manganese	55-2	10	17	7	11	45.82	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:55:31	DataFile Name :	047CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	192	117	150	25.46	cps
Molybdenum	95-1	33	17	42	31	41.66	cps
Molybdenum	96-1	50	17	50	39	49.48	cps
Molybdenum	97-1	42	33	50	42	20.00	cps
Molybdenum	98-1	25	33	33	31	15.74	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	267	257	273	266	3.16	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2375	2600	2484	2486	4.53	cps
Rhodium	103-1	4458425	4427182	4472086	4452564	0.52	cps
Rhodium	103-2	1185947	1176577	1176075	1179533	0.47	cps
Scandium	45-1	2626047	2580615	2631197	2612620	1.07	cps
Scandium	45-2	21947	22251	21360	21853	2.07	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-6	27	-7	5	426.51	cps
Silicon	28-1	375387	370668	373137	373064	0.63	cps
Silver	109-1	75	67	33	58	37.80	cps
Silver	107-1	25	108	75	69	60.40	cps
Sodium	23-2	13991	13958	13590	13846	1.60	cps
Strontium	86-1	408	442	467	439	6.67	cps
Strontium	88-1	133	75	83	97	32.45	cps
Sulfur	34-1	361492	357614	361356	360154	0.61	cps
Terbium	159-1	6137241	6067716	6135808	6113588	0.65	cps
Terbium	159-2	1194150	1191917	1186428	1190832	0.33	cps
Thallium	203-1	83	50	100	78	32.73	cps
Thallium	205-1	200	258	208	222	14.20	cps
Tin	118-1	508	425	542	492	12.22	cps
Titanium	47-1	117	150	92	119	24.50	cps
Uranium	238-1	8	17	25	17	50.01	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Yttrium	89-1	5041197	4876832	5037884	4985305	1.88	cps
Yttrium	89-2	160915	160743	158497	160052	0.84	cps
Zinc	66-2	17	30	23	23	28.56	cps
Zirconium	90-1	225	392	275	297	28.78	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:55:31	DataFile Name :	047CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	50	42	50	16.67	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:58:43	DataFile Name :	048LCS6_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46636	46427	45750	46271	1.00	cps
Antimony	121-1	3767560	3723349	3765108	3752005	0.66	cps
Arsenic	75-2	41759	41063	41161	41328	0.91	cps
Barium	135-1	3925579	3917778	3967290	3936882	0.68	cps
Barium	137-1	6840562	6703845	6765356	6769921	1.01	cps
Beryllium	9-1	420167	418293	419723	419394	0.23	cps
Bismuth	209-1	4071246	4030266	4078282	4059931	0.64	cps
Bismuth	209-2	995483	987501	993552	992179	0.42	cps
Boron	10-1	46142	47438	47872	47151	1.91	cps
Boron	11-1	212679	221279	223124	219027	2.55	cps
Cadmium	111-1	765501	756194	763349	761681	0.64	cps
Cadmium	106-1	79535	79694	78118	79116	1.10	cps
Cadmium	108-1	53962	54309	55644	54638	1.62	cps
Calcium	43-1	718617	715792	720957	718456	0.36	cps
Calcium	44-1	11682086	11764853	11830586	11759175	0.63	cps
Chromium	52-2	311101	305642	310035	308926	0.94	cps
Cobalt	59-2	667591	662625	663452	664556	0.40	cps
Copper	63-2	1144196	1134937	1135688	1138274	0.45	cps
Dysprosium	156-1	58	33	58	50	28.88	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	6118202	6043239	6148473	6103304	0.89	cps
Holmium	165-2	1265561	1256939	1255349	1259283	0.44	cps
Indium	115-1	4868922	4801995	4827283	4832733	0.70	cps
Indium	115-2	212943	210363	212316	211874	0.64	cps
Iron	56-2	10741808	10546804	10601932	10630181	0.95	cps
Iron	57-2	265652	264095	261182	263643	0.86	cps
Lead	206-1	2412271	2418276	2425315	2418621	0.27	cps
Lead	207-1	2209655	2226381	2231515	2222517	0.51	cps
Lead	208-1	9896295	9967146	9912294	9925245	0.37	cps
Lithium	6-1	697213	695661	697754	696876	0.16	cps
Magnesium	24-2	1130112	1110968	1110142	1117074	1.01	cps
Manganese	55-2	182532	180290	181110	181311	0.63	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:58:43	DataFile Name :	048LCS6_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6001117	6009773	6017719	6009536	0.14	cps
Molybdenum	95-1	7354394	7367369	7362148	7361304	0.09	cps
Molybdenum	96-1	8176145	8239606	8195026	8203592	0.40	cps
Molybdenum	97-1	4621888	4586566	4709452	4639302	1.36	cps
Molybdenum	98-1	11673650	11774333	11962207	11803396	1.24	cps
Neodymium	150-1	173	227	213	204	13.58	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	191710	193281	192587	192526	0.41	cps
Phosphorus	31-2	3426	3167	3025	3206	6.33	cps
Potassium	39-2	322082	322251	326096	323476	0.70	cps
Rhodium	103-1	4360506	4356911	4353377	4356931	0.08	cps
Rhodium	103-2	1158816	1146210	1151955	1152327	0.55	cps
Scandium	45-1	2621801	2612042	2608549	2614131	0.26	cps
Scandium	45-2	21901	21290	22421	21871	2.59	cps
Selenium	77-2	287	273	270	277	3.19	cps
Selenium	78-2	998	980	965	981	1.70	cps
Selenium	82-1	47309	46928	46840	47026	0.53	cps
Silicon	28-1	1781656	1761939	1796841	1780145	0.98	cps
Silver	109-1	3647971	3634374	3699264	3660536	0.93	cps
Silver	107-1	3754240	3792622	3759255	3768705	0.55	cps
Sodium	23-2	2608812	2575056	2589203	2591024	0.65	cps
Strontium	86-1	942444	933205	939404	938351	0.50	cps
Strontium	88-1	8216823	8196597	8185656	8199692	0.19	cps
Sulfur	34-1	551554	551112	547030	549899	0.45	cps
Terbium	159-1	6227962	6212097	6232044	6224034	0.17	cps
Terbium	159-2	1205773	1200776	1206353	1204301	0.25	cps
Thallium	203-1	3010735	3023453	3026143	3020110	0.27	cps
Thallium	205-1	7007204	6951772	6985162	6981379	0.40	cps
Tin	118-1	2542617	2545920	2518708	2535748	0.59	cps
Titanium	47-1	1852380	1861981	1860200	1858187	0.27	cps
Uranium	238-1	9566640	9729976	9701298	9665971	0.90	cps
Vanadium	51-2	235163	234418	234258	234613	0.21	cps
Yttrium	89-1	5033580	4971273	5024475	5009776	0.67	cps
Yttrium	89-2	159680	159913	160419	160004	0.24	cps
Zinc	66-2	106834	107244	107640	107239	0.38	cps
Zirconium	90-1	5061891	4994931	4962578	5006467	1.01	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 17:58:43	DataFile Name :	048LCS6_P8011018MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1099716	1101041	1102506	1101088	0.13	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:01:45	DataFile Name :	049CCV_P8011018MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235455	234083	234798	234778	0.29	cps
Antimony	121-1	3737880	3796173	3796322	3776792	0.89	cps
Arsenic	75-2	41375	41705	41025	41368	0.82	cps
Barium	135-1	3973692	3996901	4003623	3991406	0.39	cps
Barium	137-1	6879111	6883423	6957231	6906588	0.64	cps
Beryllium	9-1	425006	426410	428449	426622	0.41	cps
Bismuth	209-1	4012999	3987388	4043666	4014685	0.70	cps
Bismuth	209-2	979177	978777	975787	977913	0.19	cps
Boron	10-1	48875	51067	51987	50643	3.16	cps
Boron	11-1	229719	235064	241268	235350	2.46	cps
Cadmium	111-1	753832	759704	757777	757104	0.40	cps
Cadmium	106-1	77322	79443	79467	78744	1.56	cps
Cadmium	108-1	53795	53594	55188	54192	1.60	cps
Calcium	43-1	3659117	3647952	3697736	3668268	0.71	cps
Calcium	44-1	58904824	59815024	59726683	59482177	0.84	cps
Chromium	52-2	313808	314216	314617	314214	0.13	cps
Cobalt	59-2	662245	659490	661875	661203	0.23	cps
Copper	63-2	1108754	1110258	1112314	1110442	0.16	cps
Dysprosium	156-1	100	75	100	92	15.75	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	92	42	42	58	49.48	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	117	92	67	92	27.27	cps
Gadolinium	160-2	27	23	13	21	32.88	cps
Holmium	165-1	6204924	6159992	6289802	6218239	1.06	cps
Holmium	165-2	1291092	1285917	1282999	1286669	0.32	cps
Indium	115-1	4723293	4834318	4886904	4814838	1.73	cps
Indium	115-2	211920	208928	211529	210792	0.77	cps
Iron	56-2	52463094	52440815	52271593	52391834	0.20	cps
Iron	57-2	1304300	1302487	1300818	1302535	0.13	cps
Lead	206-1	2428247	2419321	2406147	2417905	0.46	cps
Lead	207-1	2241451	2234000	2213630	2229694	0.65	cps
Lead	208-1	9946464	9978230	9886354	9937016	0.47	cps
Lithium	6-1	684207	678168	688414	683596	0.75	cps
Magnesium	24-2	5483627	5496756	5440484	5473622	0.54	cps
Manganese	55-2	183760	184697	183045	183834	0.45	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:01:45	DataFile Name :	049CCV_P8011018MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6103273	6092750	6209416	6135147	1.05	cps
Molybdenum	95-1	7439517	7508789	7561503	7503270	0.82	cps
Molybdenum	96-1	8382855	8355428	8430058	8389447	0.45	cps
Molybdenum	97-1	4676924	4732631	4804814	4738123	1.35	cps
Molybdenum	98-1	12040591	12175654	12134578	12116941	0.57	cps
Neodymium	150-1	253	227	220	233	7.56	cps
Neodymium	150-2	3	17	23	14	70.51	cps
Nickel	60-2	190497	191284	189220	190334	0.55	cps
Phosphorus	31-2	3434	3326	3067	3276	5.75	cps
Potassium	39-2	1653421	1639829	1621950	1638400	0.96	cps
Rhodium	103-1	4308881	4349437	4384223	4347514	0.87	cps
Rhodium	103-2	1126149	1140611	1135806	1134189	0.65	cps
Scandium	45-1	2661431	2670615	2688511	2673519	0.52	cps
Scandium	45-2	22234	21884	21850	21990	0.97	cps
Selenium	77-2	273	253	333	287	14.52	cps
Selenium	78-2	1035	878	967	960	8.22	cps
Selenium	82-1	46978	47015	47290	47095	0.36	cps
Silicon	28-1	1682401	1689258	1708780	1693479	0.81	cps
Silver	109-1	3563797	3574530	3602408	3580245	0.56	cps
Silver	107-1	3727021	3709198	3759156	3731792	0.68	cps
Sodium	23-2	12419407	12462605	12485604	12455872	0.27	cps
Strontium	86-1	978762	978992	976717	978157	0.13	cps
Strontium	88-1	8526247	8572682	8523045	8540658	0.33	cps
Sulfur	34-1	549186	543093	556325	549535	1.21	cps
Terbium	159-1	6385407	6355658	6385148	6375405	0.27	cps
Terbium	159-2	1226769	1223568	1227505	1225947	0.17	cps
Thallium	203-1	3036834	3009081	3046093	3030669	0.64	cps
Thallium	205-1	6962386	7041991	6973966	6992781	0.62	cps
Tin	118-1	2599913	2551063	2586764	2579247	0.98	cps
Titanium	47-1	1869860	1883167	1897500	1883509	0.73	cps
Uranium	238-1	9968972	9900109	9836070	9901717	0.67	cps
Vanadium	51-2	237008	238471	236387	237289	0.45	cps
Yttrium	89-1	5001951	5049628	5175867	5075815	1.77	cps
Yttrium	89-2	161930	162206	162133	162090	0.09	cps
Zinc	66-2	108154	107986	108114	108084	0.08	cps
Zirconium	90-1	5136879	5121763	5209728	5156123	0.91	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:01:45	DataFile Name :	049CCV_P8011018MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1118999	1137346	1140817	1132387	1.04	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:24:27	DataFile Name :	053LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	117	117	103	23.41	cps
Antimony	121-1	14033	13991	14024	14016	0.16	cps
Arsenic	75-2	96	78	98	91	12.41	cps
Barium	135-1	14275	14709	14617	14534	1.57	cps
Barium	137-1	24598	25175	25467	25080	1.76	cps
Beryllium	9-1	1011	917	1078	1002	8.08	cps
Bismuth	209-1	4139310	4114760	4129162	4127744	0.30	cps
Bismuth	209-2	876900	1005955	1007792	963549	7.79	cps
Boron	10-1	2667	2475	2500	2548	4.09	cps
Boron	11-1	12456	12606	12848	12637	1.56	cps
Cadmium	111-1	1970	2104	1948	2007	4.22	cps
Cadmium	106-1	817	1142	767	908	22.42	cps
Cadmium	108-1	92	100	92	94	5.09	cps
Calcium	43-1	7527	7594	7144	7422	3.27	cps
Calcium	44-1	122910	124507	124918	124112	0.85	cps
Chromium	52-2	1597	1493	1480	1523	4.19	cps
Cobalt	59-2	1300	1373	1310	1328	3.00	cps
Copper	63-2	2280	2434	2290	2335	3.68	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	25	50	0	25	100.00	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	6034119	6045377	6059209	6046235	0.21	cps
Holmium	165-2	1089089	1236962	1245247	1190433	7.38	cps
Indium	115-1	4919538	4929856	4881465	4910286	0.52	cps
Indium	115-2	189731	213940	216994	206888	7.22	cps
Iron	56-2	21634	20877	21451	21321	1.85	cps
Iron	57-2	594	606	433	544	17.70	cps
Lead	206-1	4801	4829	4951	4860	1.64	cps
Lead	207-1	4234	4179	4384	4266	2.49	cps
Lead	208-1	19490	19195	19690	19458	1.28	cps
Lithium	6-1	700310	705234	700323	701956	0.40	cps
Magnesium	24-2	10871	10204	10688	10588	3.26	cps
Manganese	55-2	257	220	183	220	16.67	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:24:27	DataFile Name :	053LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10721	11247	11405	11125	3.22	cps
Molybdenum	95-1	13482	13632	13641	13585	0.66	cps
Molybdenum	96-1	15443	16002	15585	15676	1.85	cps
Molybdenum	97-1	8303	8061	8695	8353	3.83	cps
Molybdenum	98-1	21902	21526	20683	21370	2.92	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	710	687	677	691	2.47	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	8511	8161	8645	8439	2.96	cps
Rhodium	103-1	4446550	4540654	4476643	4487949	1.07	cps
Rhodium	103-2	1035607	1170076	1177659	1127781	7.09	cps
Scandium	45-1	2598882	2621860	2613784	2611509	0.45	cps
Scandium	45-2	18913	21300	21009	20407	6.38	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	19	20	7	15	45.42	cps
Selenium	82-1	420	461	441	441	4.64	cps
Silicon	28-1	404740	403643	406158	404847	0.31	cps
Silver	109-1	7094	7177	6969	7080	1.48	cps
Silver	107-1	7119	7361	7186	7222	1.73	cps
Sodium	23-2	37358	37166	37701	37408	0.72	cps
Strontium	86-1	1942	2067	2009	2006	3.12	cps
Strontium	88-1	16277	15159	15927	15788	3.62	cps
Sulfur	34-1	351472	352741	350670	351628	0.30	cps
Terbium	159-1	6324283	6219604	6291993	6278627	0.85	cps
Terbium	159-2	1041143	1190434	1192444	1141340	7.60	cps
Thallium	203-1	5493	5677	5710	5627	2.07	cps
Thallium	205-1	13399	13808	13992	13733	2.21	cps
Tin	118-1	24089	23655	24390	24045	1.54	cps
Titanium	47-1	3509	3451	3659	3539	3.04	cps
Uranium	238-1	17580	17037	18039	17552	2.86	cps
Vanadium	51-2	2130	2070	2080	2094	1.54	cps
Yttrium	89-1	4991556	5048388	4944405	4994783	1.04	cps
Yttrium	89-2	140017	158787	158309	152371	7.02	cps
Zinc	66-2	267	303	280	283	6.55	cps
Zirconium	90-1	9495	10012	9737	9748	2.65	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:24:27	DataFile Name :	053LCSE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2325	2134	2150	2203	4.82	cps

LB Number : LB92582 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-10 18:27:40 DataFile Name : 054CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	133	108	108	117	12.37	cps
Arsenic	75-2	4	0	4	2	86.60	cps
Barium	135-1	8	17	25	17	50.01	cps
Barium	137-1	17	83	58	53	63.81	cps
Beryllium	9-1	106	111	194	137	36.34	cps
Bismuth	209-1	4209283	4194327	4209861	4204490	0.21	cps
Bismuth	209-2	1032359	1021101	1026411	1026624	0.55	cps
Boron	10-1	592	550	508	550	7.58	cps
Boron	11-1	2584	2459	2375	2473	4.24	cps
Cadmium	111-1	503	580	678	587	14.95	cps
Cadmium	106-1	708	817	950	825	14.67	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	1067	800	825	897	16.42	cps
Calcium	44-1	14683	15067	14934	14895	1.31	cps
Chromium	52-2	320	307	337	321	4.68	cps
Cobalt	59-2	60	50	40	50	20.00	cps
Copper	63-2	123	117	113	118	4.32	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	0	33	17	17	99.99	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	25	25	25	25	0.00	cps
Gadolinium	160-2	3	0	10	4	114.60	cps
Holmium	165-1	6105973	6218657	6088814	6137815	1.15	cps
Holmium	165-2	1263836	1260707	1267713	1264085	0.28	cps
Indium	115-1	4970774	5025131	5015001	5003635	0.58	cps
Indium	115-2	218976	221770	220877	220541	0.65	cps
Iron	56-2	1317	1517	1378	1404	7.30	cps
Iron	57-2	44	22	50	39	37.80	cps
Lead	206-1	283	239	250	257	8.98	cps
Lead	207-1	172	194	183	183	6.06	cps
Lead	208-1	1039	1017	872	976	9.27	cps
Lithium	6-1	712794	717844	716647	715762	0.37	cps
Magnesium	24-2	308	233	333	292	17.84	cps
Manganese	55-2	23	10	10	14	53.28	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:27:40	DataFile Name :	054CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	150	117	147	19.88	cps
Molybdenum	95-1	33	33	92	53	63.82	cps
Molybdenum	96-1	100	83	42	75	40.06	cps
Molybdenum	97-1	67	67	50	61	15.75	cps
Molybdenum	98-1	83	67	50	67	25.00	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	247	173	217	212	17.37	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2675	2342	2509	2509	6.65	cps
Rhodium	103-1	4508826	4565071	4593073	4555657	0.94	cps
Rhodium	103-2	1195498	1200775	1199296	1198523	0.23	cps
Scandium	45-1	2653558	2636719	2648060	2646113	0.32	cps
Scandium	45-2	22228	21961	21847	22012	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-55	32	12	-4	-1217.87	cps
Silicon	28-1	367862	367804	371844	369170	0.63	cps
Silver	109-1	58	33	92	61	47.89	cps
Silver	107-1	75	83	67	75	11.11	cps
Sodium	23-2	14391	13507	14500	14133	3.85	cps
Strontium	86-1	425	575	458	486	16.20	cps
Strontium	88-1	117	133	67	106	32.87	cps
Sulfur	34-1	354686	357613	360777	357692	0.85	cps
Terbium	159-1	6322269	6330347	6285929	6312849	0.37	cps
Terbium	159-2	1220496	1212958	1211608	1215021	0.39	cps
Thallium	203-1	183	142	283	203	35.91	cps
Thallium	205-1	400	417	292	369	18.37	cps
Tin	118-1	525	475	533	511	6.17	cps
Titanium	47-1	83	92	108	94	13.48	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	5113313	5205889	5077349	5132184	1.29	cps
Yttrium	89-2	161863	162608	162561	162344	0.26	cps
Zinc	66-2	37	27	47	37	27.27	cps
Zirconium	90-1	200	300	292	264	21.03	cps

LB Number :	LB92582	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-10 18:27:40	DataFile Name :	054CCBE_P8011018MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	83	133	97	32.45	cps