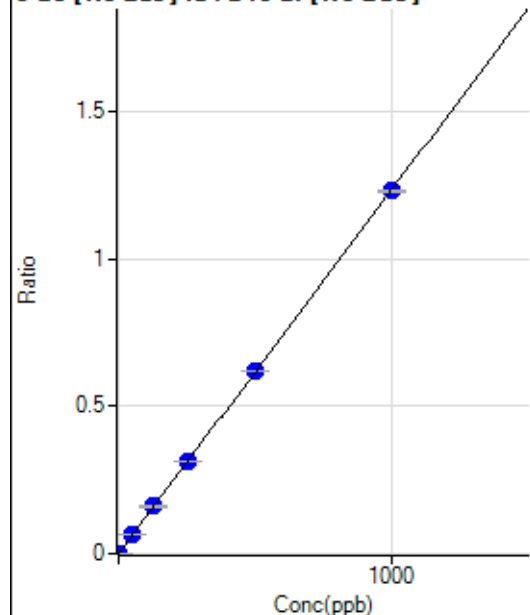


Batch Folder: D:\P8011118 MS.b\
Analysis File: P8011118 MS.batch.bin
DA Date-Time: 2018-01-12 10:36:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-01-11 16:46:53
2			
3	005CALS.d	S02	2018-01-11 16:53:55
4	006CALS.d	S03	2018-01-11 16:57:29
5	007CALS.d	S04	2018-01-11 17:01:01
6	008CALS.d	S05	2018-01-11 17:04:27
7	009CALS.d	S06	2018-01-11 17:07:51
8	010CALS.d	S07	2018-01-11 17:11:09
9	011CALS.d	S08	2018-01-11 17:14:21

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	209.27	0.0003	P	26.0
2	☐	0.100					
3	☐	1.000	0.836	1031.55	0.0013	P	13.6
4	☐	50.000	51.956	51538.85	0.0645	P	0.9
5	☐	125.000	129.388	126592.84	0.1601	P	1.0
6	☐	250.000	252.486	252978.67	0.3122	P	0.6
7	☐	500.000	502.211	495794.43	0.6207	P	0.5
8	☐	1000.000	997.627	967331.25	1.2328	P	0.3
9	☐			727.82	0.0010	P	4.7

$$y = 0.0012 * x + 2.6171E-004$$

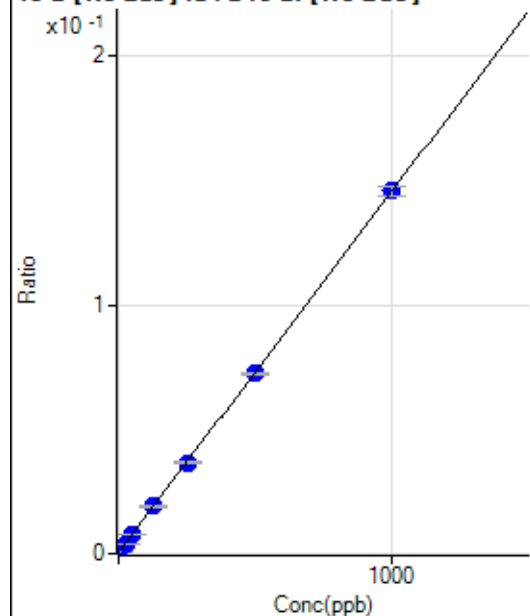
$$R = 1.0000$$

$$DL = 0.1654$$

$$BEC = 0.2118$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	361.13	0.0005	P	4.7
2	☐	2.500					
3	☐	25.000	21.426	2836.53	0.0036	P	2.3
4	☐	50.000	48.294	5959.80	0.0075	P	1.7
5	☐	125.000	127.975	15027.90	0.0190	P	1.6
6	☐	250.000	248.697	29581.48	0.0365	P	1.1
7	☐	500.000	496.267	57825.49	0.0724	P	1.2
8	☐	1000.000	1001.995	114335.92	0.1457	P	2.3
9	☐			4384.20	0.0057	P	3.4

$$y = 1.4497E-004 * x + 4.5140E-004$$

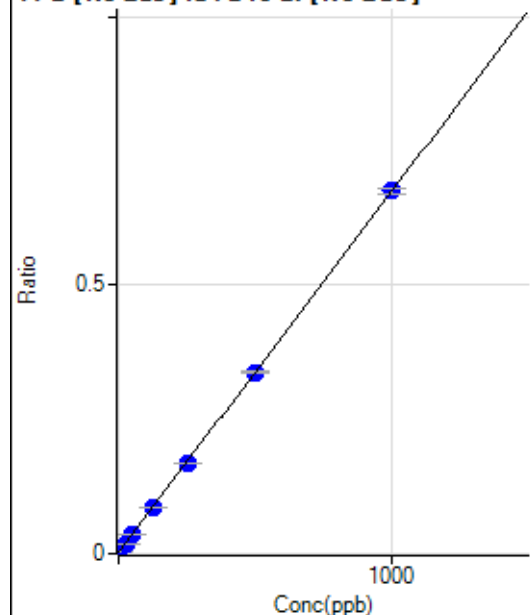
$$R = 1.0000$$

$$DL = 0.4434$$

$$BEC = 3.114$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1950.21	0.0024	P	4.7
2	☐	2.500					
3	☐	25.000	21.229	13328.97	0.0167	P	1.7
4	☐	50.000	49.365	28498.59	0.0356	P	2.8
5	☐	125.000	124.134	67942.44	0.0859	P	2.0
6	☐	250.000	245.019	135518.53	0.1672	P	0.6
7	☐	500.000	499.711	270409.06	0.3385	P	0.4
8	☐	1000.000	1001.624	530534.72	0.6761	P	1.8
9	☐			20971.63	0.0275	P	7.0

$$y = 6.7261\text{E-}004 * x + 0.0024$$

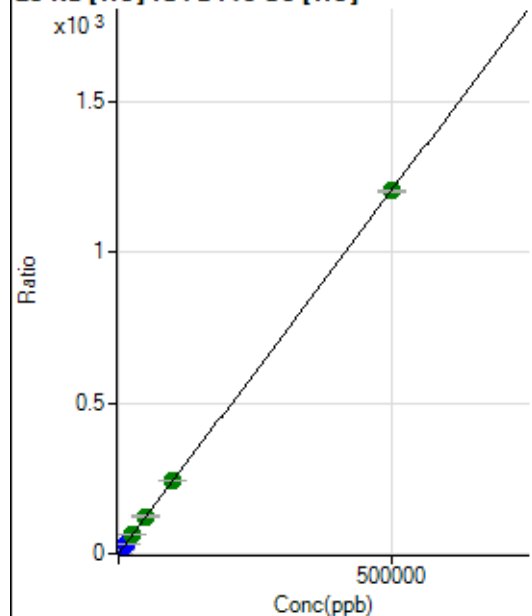
$$R = 1.0000$$

$$DL = 0.515$$

$$BEC = 3.624$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12586.60	0.5050	P	4.2
2	☐	50.000					
3	☐	500.000	481.205	40920.92	1.6646	P	3.5
4	☐	5000.000	5270.105	323487.59	13.2041	P	2.4
5	☐	12500.000	12921.220	774511.92	31.6405	P	0.7
6	☐	25000.000	26352.396	1586362.27	64.0047	A	1.9
7	☐	50000.000	51172.752	3076062.85	123.8127	A	1.5
8	☐	100000.00	100913.59	6010244.67	243.6700	A	1.6
9	☐	500000.00	499619.17	28510937.79	1,204.405	A	0.8

$$y = 0.0024 * x + 0.5050$$

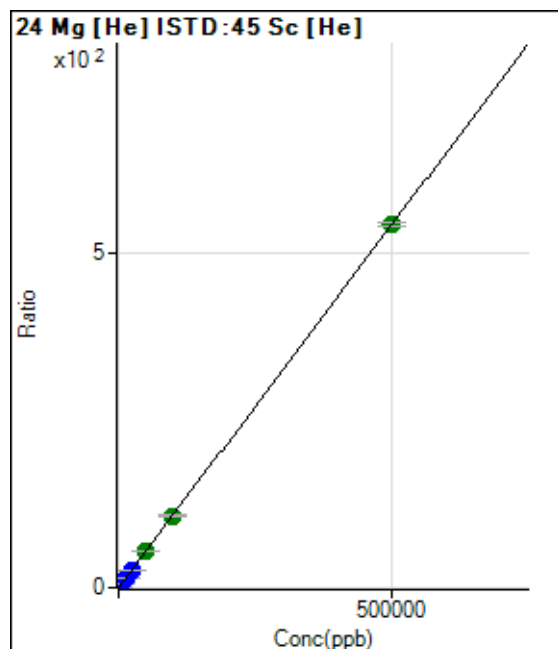
$$R = 1.0000$$

$$DL = 26.71$$

$$BEC = 209.6$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	272.24	0.0109	P	17.0
2	☐	50.000					
3	☐	500.000	441.122	11991.71	0.4877	P	1.7
4	☐	5000.000	5075.814	134682.33	5.4972	P	2.2
5	☐	12500.000	12434.492	329271.65	13.4511	P	0.6
6	☐	25000.000	24837.452	665684.68	26.8572	P	1.4
7	☐	50000.000	49997.211	1342861.83	54.0519	A	1.9
8	☐	100000.00	98738.444	2632682.70	106.7353	A	1.4
9	☐	500000.00	500261.65	12800336.66	540.7336	A	0.9

$$y = 0.0011 * x + 0.0109$$

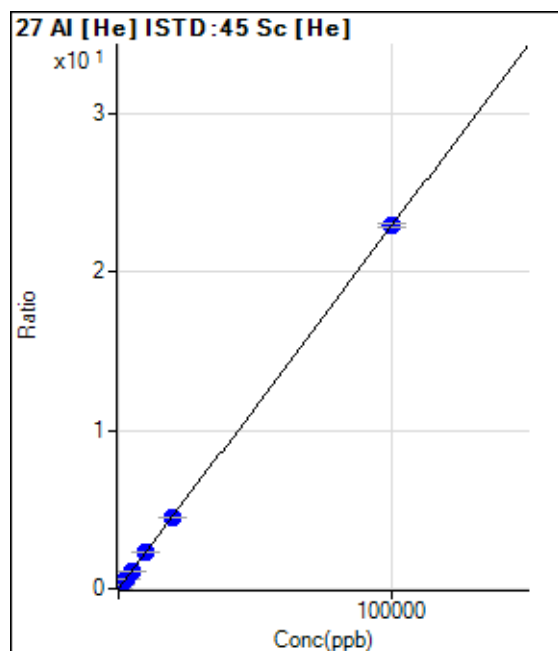
$$R = 1.0000$$

$$DL = 5.153$$

$$BEC = 10.09$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0003	P	100.9
2	☐	2.000					
3	☐	20.000	17.253	105.56	0.0043	P	42.5
4	☐	1000.000	1004.153	5634.71	0.2301	P	5.5
5	☐	2500.000	2539.460	14229.90	0.5813	P	4.0
6	☐	5000.000	4921.141	27911.77	1.1261	P	2.1
7	☐	10000.000	9961.890	56633.51	2.2793	P	0.4
8	☐	20000.000	19743.887	111423.70	4.5171	P	0.7
9	☐	100000.00	100057.94	541863.59	22.8903	P	0.9

$$y = 2.2877E-004 * x + 3.3418E-004$$

$$R = 1.0000$$

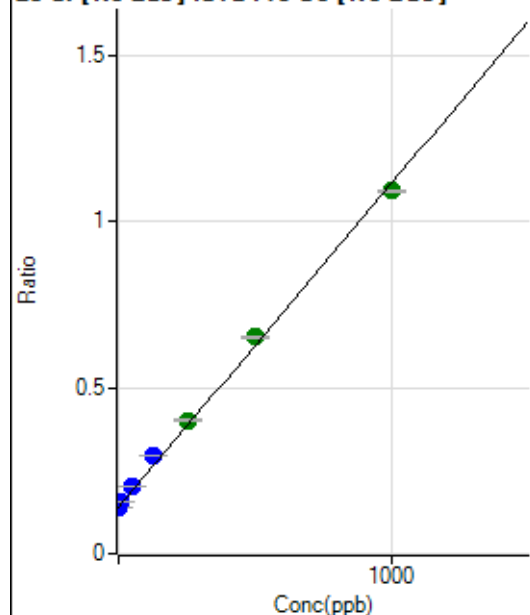
$$DL = 4.421$$

$$BEC = 1.461$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	393635.39	0.1396	P	0.9
2	☐	1.000					
3	☐	10.000	18.485	442615.89	0.1576	P	0.7
4	☐	50.000	65.341	575617.15	0.2033	P	1.2
5	☐	125.000	160.000	829612.70	0.2955	P	0.7
6	☐	250.000	269.072	1154248.94	0.4018	A	0.2
7	☐	500.000	527.200	1879844.51	0.6533	A	0.9
8	☐	1000.000	976.405	3121678.87	1.0911	A	0.7
9	☐			471739.67	0.1715	P	0.7

$$y = 9.7448\text{E-}004 * x + 0.1396$$

$$R = 0.9989$$

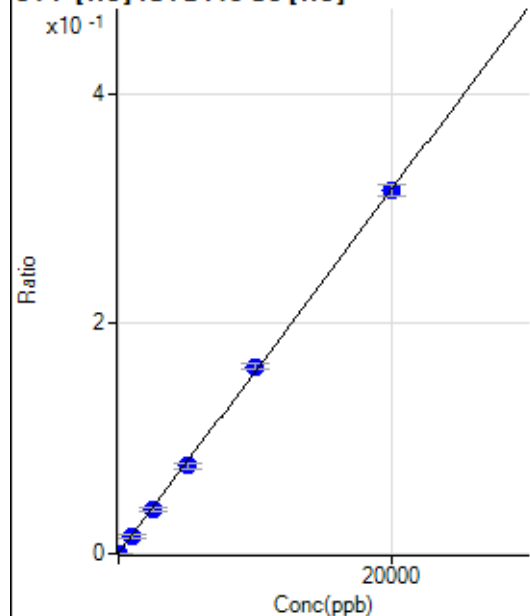
$$DL = 3.962$$

$$BEC = 143.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-7.238	5.55	0.0002	P	86.6
2	☐	0.000					
3	☐	0.000	7.238	11.11	0.0005	P	42.4
4	☐	1000.000	958.462	380.58	0.0155	P	18.7
5	☐	2500.000	2381.781	930.63	0.0380	P	8.1
6	☐	5000.000	4795.229	1889.10	0.0762	P	4.9
7	☐	10000.000	10272.176	4045.19	0.1628	P	2.9
8	☐	20000.000	19931.959	7783.09	0.3156	P	3.1
9	☐			16.67	0.0007	P	99.7

$$y = 1.5816\text{E-}005 * x + 3.3624\text{E-}004$$

$$R = 0.9998$$

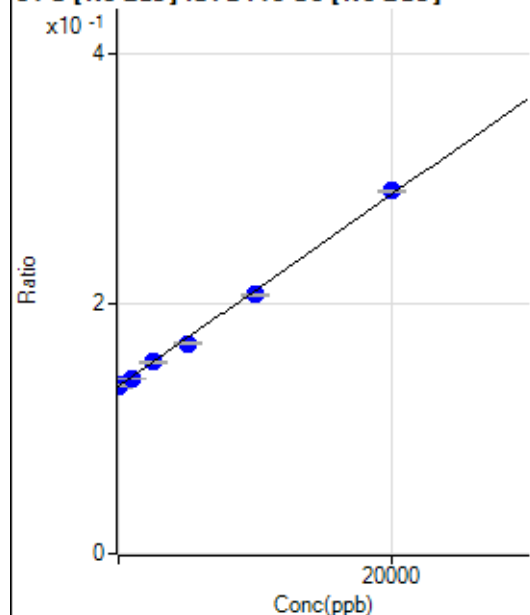
$$DL = 36.33$$

$$BEC = 21.26$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-115.178	375002.36	0.1330	P	0.6
2	☐	0.000					
3	☐	0.000	115.178	378420.91	0.1347	P	0.6
4	☐	1000.000	786.404	396170.55	0.1399	P	0.3
5	☐	2500.000	2517.587	429980.35	0.1532	P	0.7
6	☐	5000.000	4451.697	482570.50	0.1680	P	0.5
7	☐	10000.000	9576.173	596368.13	0.2073	P	0.7
8	☐	20000.000	20357.470	829423.35	0.2899	P	0.7
9	☐			342116.64	0.1244	P	0.6

$$y = 7.6648\text{E-}006 * x + 0.1339$$

$$R = 0.9992$$

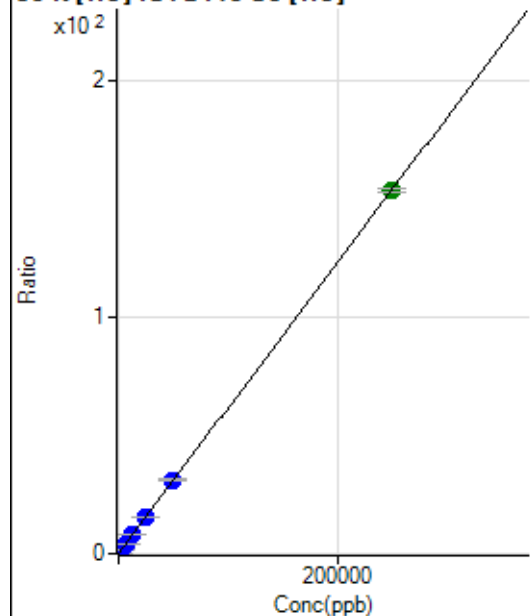
$$DL = 302.6$$

$$BEC = 1.746\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2528.13	0.1014	P	7.4
2	☐	50.000					
3	☐	500.000	465.238	9514.73	0.3870	P	3.2
4	☐	2500.000	2665.229	42571.02	1.7375	P	2.8
5	☐	6250.000	6462.768	99598.05	4.0687	P	0.9
6	☐	12500.000	12863.136	198222.71	7.9977	P	2.0
7	☐	25000.000	25503.082	391505.47	15.7570	P	0.9
8	☐	50000.000	50634.778	769181.52	31.1845	P	1.5
9	☐	250000.00	249797.67	3632353.99	153.4445	A	1.1

$$y = 6.1387\text{E-}004 * x + 0.1014$$

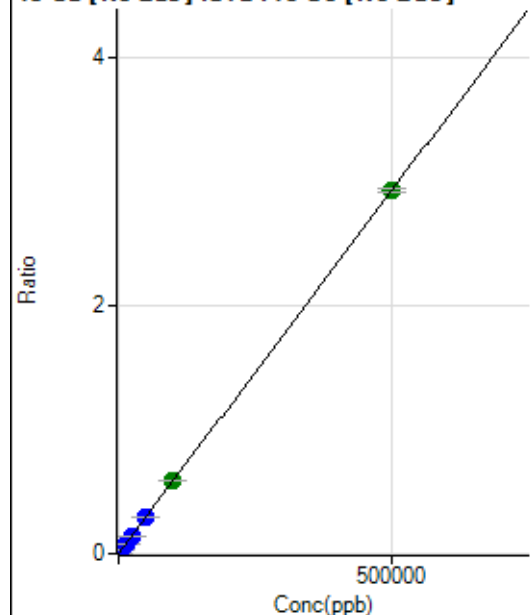
$$R = 1.0000$$

$$DL = 36.43$$

$$BEC = 165.2$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1025.08	0.0004	P	4.0
2	☐	50.000					
3	☐	500.000	448.659	8386.22	0.0030	P	3.8
4	☐	5000.000	4996.743	83749.98	0.0296	P	1.1
5	☐	12500.000	12488.923	206008.05	0.0734	P	1.1
6	☐	25000.000	25030.032	421381.79	0.1467	P	0.6
7	☐	50000.000	49635.246	835907.38	0.2905	P	1.4
8	☐	100000.00	100289.07	1678442.15	0.5866	A	0.5
9	☐	500000.00	499977.51	8038380.04	2.9232	A	1.2

$$y = 5.8459E-006 * x + 3.6354E-004$$

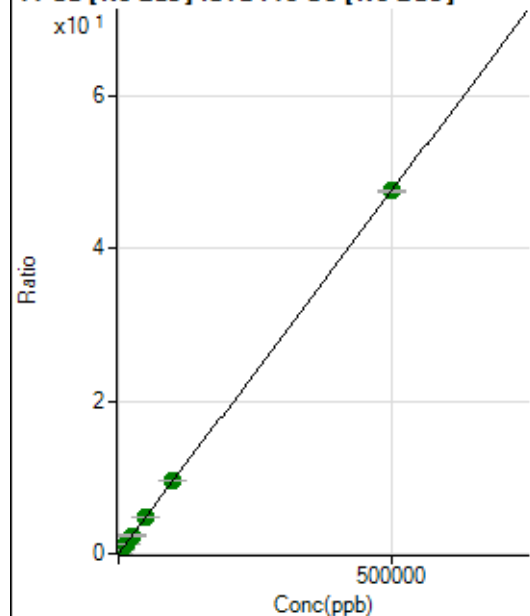
$$R = 1.0000$$

$$DL = 7.53$$

$$BEC = 62.19$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15311.78	0.0054	P	1.6
2	☐	50.000					
3	☐	500.000	451.505	135699.94	0.0483	P	0.9
4	☐	5000.000	5122.056	1393246.43	0.4920	A	1.1
5	☐	12500.000	12707.704	3404366.05	1.2126	A	0.7
6	☐	25000.000	25074.183	6857896.77	2.3873	A	1.1
7	☐	50000.000	49752.490	13614067.32	4.7316	A	1.0
8	☐	100000.00	99624.839	27091912.41	9.4691	A	0.5
9	☐	500000.00	500089.70	130653709.8	47.5106	A	0.4

$$y = 9.4993E-005 * x + 0.0054$$

$$R = 1.0000$$

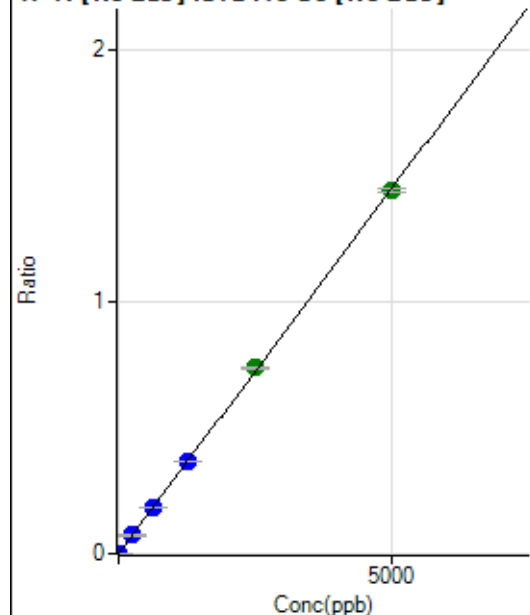
$$DL = 2.689$$

$$BEC = 57.16$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.89	0.0000	P	11.9
2	☐	0.500					
3	☐	5.000	4.549	3820.13	0.0014	P	2.7
4	☐	250.000	251.394	206650.97	0.0730	P	1.2
5	☐	625.000	632.916	515655.14	0.1837	P	0.7
6	☐	1250.000	1261.294	1051268.66	0.3660	P	0.5
7	☐	2500.000	2544.845	2124334.19	0.7383	A	1.2
8	☐	5000.000	4973.695	4128351.70	1.4430	A	0.9
9	☐			775.06	0.0003	P	6.1

$$y = 2.9011\text{E-}004 * x + 4.0413\text{E-}005$$

$$R = 0.9999$$

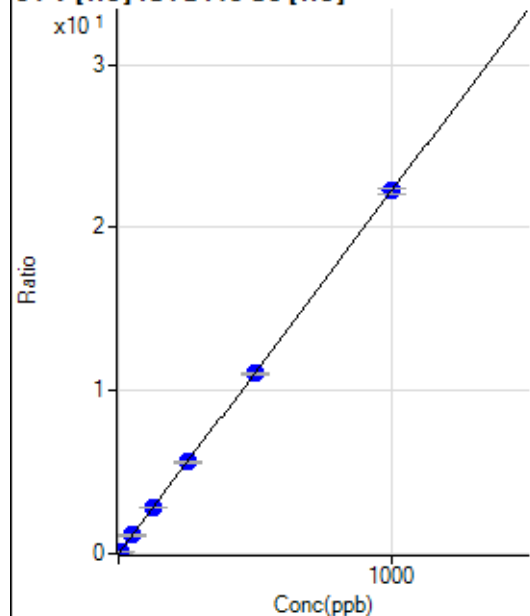
$$DL = 0.0498$$

$$BEC = 0.1393$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.421	2419.15	0.0984	P	1.9
4	☐	50.000	50.938	27749.86	1.1329	P	3.7
5	☐	125.000	125.785	68482.07	2.7975	P	0.4
6	☐	250.000	252.341	139098.45	5.6122	P	1.9
7	☐	500.000	497.705	275015.65	11.0691	P	1.2
8	☐	1000.000	1000.420	548806.63	22.2496	P	1.3
9	☐			91.11	0.0039	P	13.3

$$y = 0.0222 * x + 4.4887\text{E-}005$$

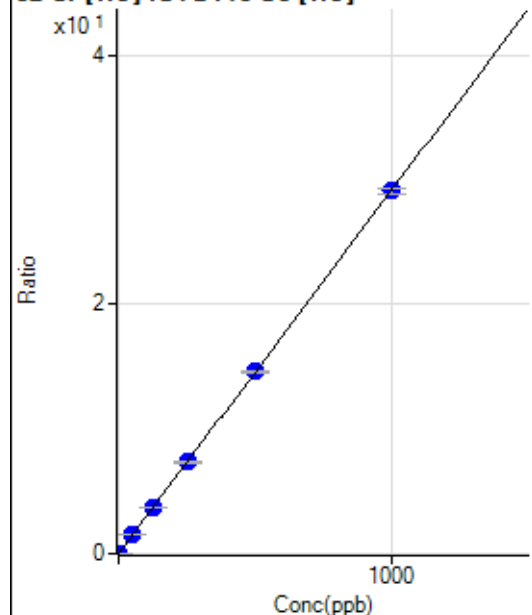
$$R = 1.0000$$

$$DL = 0.01049$$

$$BEC = 0.002018$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	271.12	0.0109	P	12.6
2	☐	0.200					
3	☐	2.000	1.999	1700.14	0.0692	P	5.8
4	☐	50.000	51.892	37335.41	1.5237	P	1.6
5	☐	125.000	126.758	90727.03	3.7064	P	0.6
6	☐	250.000	252.993	183083.22	7.3866	P	1.5
7	☐	500.000	500.742	362987.53	14.6094	P	0.8
8	☐	1000.000	998.567	718345.98	29.1230	P	1.3
9	☐			6442.69	0.2722	P	1.1

$$y = 0.0292 * x + 0.0109$$

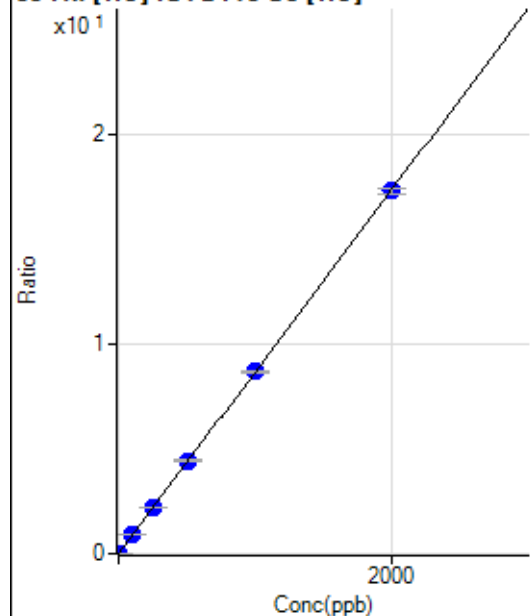
$$R = 1.0000$$

$$DL = 0.1406$$

$$BEC = 0.3727$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0008	P	58.5
2	☐	0.100					
3	☐	1.000	1.092	252.23	0.0103	P	9.4
4	☐	100.000	103.935	22086.58	0.9016	P	2.9
5	☐	250.000	253.034	53701.69	2.1938	P	1.0
6	☐	500.000	509.806	109536.25	4.4192	P	1.3
7	☐	1000.000	1002.667	215922.80	8.6907	P	1.2
8	☐	2000.000	1995.639	426634.49	17.2966	P	1.4
9	☐			1054.51	0.0445	P	6.7

$$y = 0.0087 * x + 8.0429E-004$$

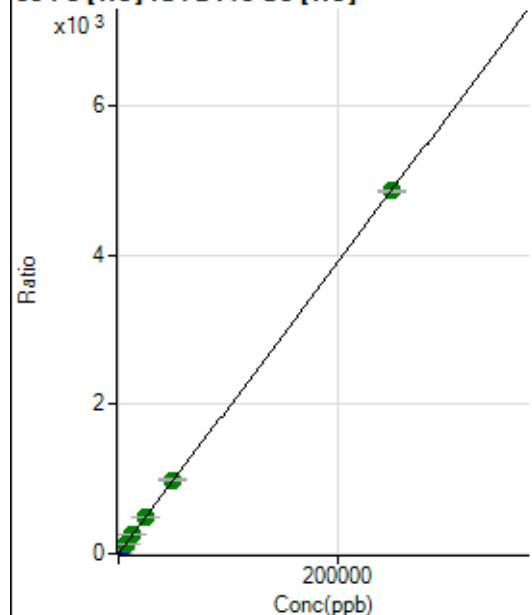
$$R = 1.0000$$

$$DL = 0.163$$

$$BEC = 0.0928$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1255.65	0.0504	P	9.2
2	☐	5.000					
3	☐	50.000	48.671	24540.65	0.9982	P	2.4
4	☐	2500.000	2633.414	1257568.89	51.3320	P	2.5
5	☐	6250.000	6533.354	3115558.32	127.2772	A	0.7
6	☐	12500.000	12947.385	6250357.37	252.1804	A	2.0
7	☐	25000.000	25511.647	12344430.37	496.8497	A	1.0
8	☐	50000.000	50610.847	24310756.56	985.6172	A	1.4
9	☐	250000.00	249795.87	115151782.2	4,864.433	A	0.8

$$y = 0.0195 * x + 0.0504$$

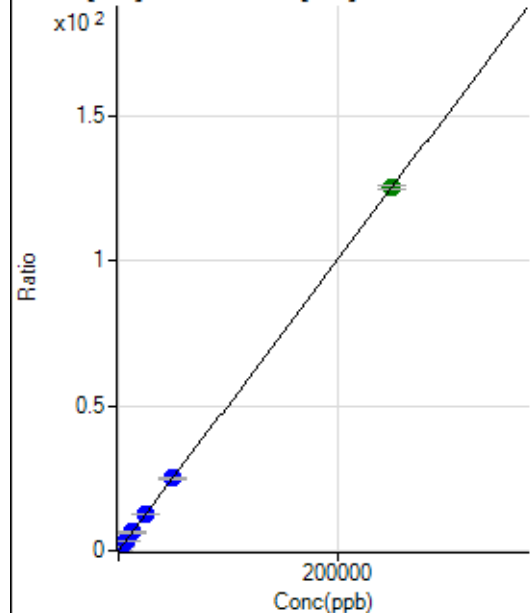
$$R = 1.0000$$

$$DL = 0.7135$$

$$BEC = 2.588$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.37	0.0008	P	41.7
2	☐	5.000					
3	☐	50.000	44.858	572.25	0.0233	P	8.8
4	☐	2500.000	2583.691	31721.73	1.2950	P	3.6
5	☐	6250.000	6338.247	77738.30	3.1757	P	1.0
6	☐	12500.000	12701.939	157716.61	6.3634	P	2.0
7	☐	25000.000	24895.534	309854.52	12.4714	P	1.2
8	☐	50000.000	49985.358	617599.96	25.0393	P	1.7
9	☐	250000.00	250000.23	2964426.72	125.2299	A	1.1

$$y = 5.0092E-004 * x + 8.1637E-004$$

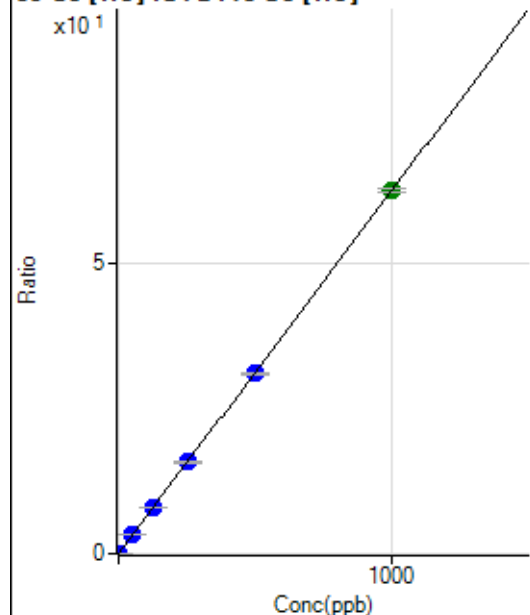
$$R = 1.0000$$

$$DL = 2.041$$

$$BEC = 1.63$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0024	P	5.8
2	☐	0.100					
3	☐	1.000	0.999	1594.57	0.0649	P	7.8
4	☐	50.000	51.895	79601.36	3.2490	P	2.1
5	☐	125.000	126.512	193800.70	7.9171	P	0.4
6	☐	250.000	252.838	392120.62	15.8201	P	1.4
7	☐	500.000	497.650	773582.51	31.1358	P	1.0
8	☐	1000.000	1000.182	1543464.89	62.5745	A	1.2
9	☐			1570.12	0.0663	P	3.6

$$y = 0.0626 * x + 0.0024$$

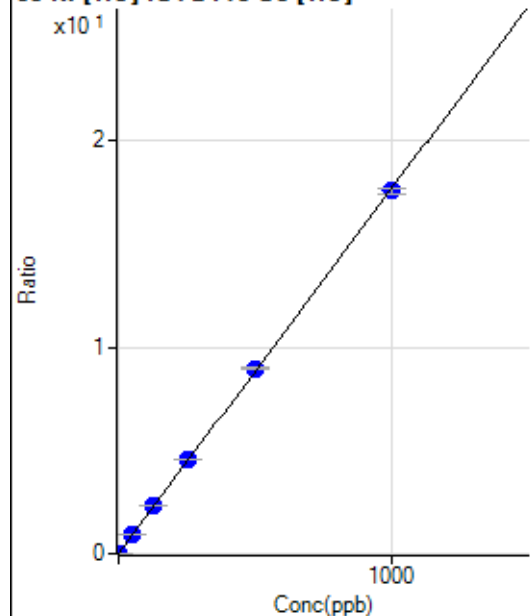
$$R = 1.0000$$

$$DL = 0.006728$$

$$BEC = 0.03847$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.23	0.0081	P	7.1
2	☐	0.100					
3	☐	1.000	1.045	653.36	0.0266	P	6.1
4	☐	50.000	53.030	23156.12	0.9453	P	4.0
5	☐	125.000	129.701	56307.97	2.3004	P	1.1
6	☐	250.000	258.191	113308.39	4.5712	P	0.8
7	☐	500.000	506.004	222387.04	8.9508	P	1.1
8	☐	1000.000	994.211	433600.35	17.5790	P	1.4
9	☐			2762.55	0.1167	P	1.6

$$y = 0.0177 * x + 0.0081$$

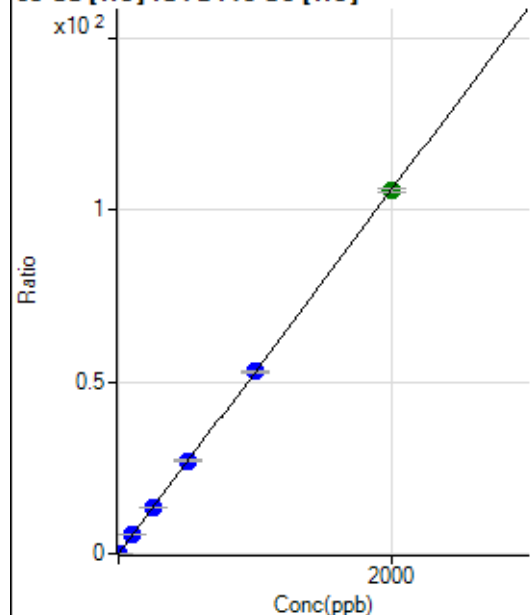
$$R = 0.9999$$

$$DL = 0.09798$$

$$BEC = 0.459$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.01	0.0048	P	4.3
2	☐	0.200					
3	☐	2.000	1.920	2612.51	0.1063	P	6.6
4	☐	100.000	103.991	134711.55	5.4993	P	3.2
5	☐	250.000	256.875	332346.08	13.5772	P	0.9
6	☐	500.000	512.115	670791.93	27.0632	P	1.4
7	☐	1000.000	1002.321	1315900.51	52.9641	P	1.2
8	☐	2000.000	1994.752	2599919.98	105.4008	A	1.0
9	☐			2891.46	0.1221	P	1.2

$$y = 0.0528 * x + 0.0048$$

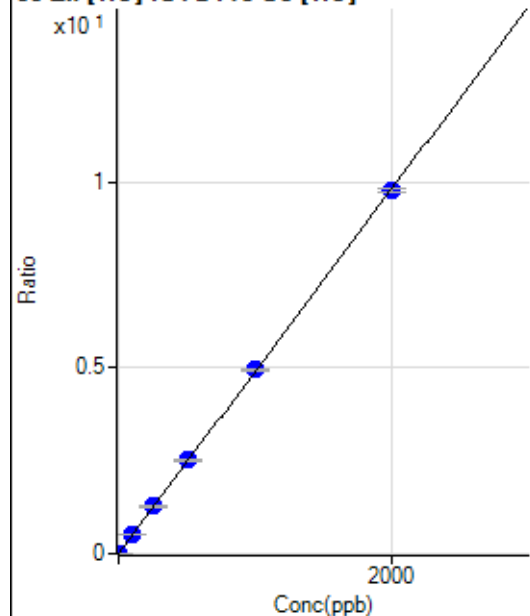
$$R = 1.0000$$

$$DL = 0.01186$$

$$BEC = 0.09109$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.22	0.0017	P	43.8
2	☐	0.200					
3	☐	2.000	1.938	275.56	0.0112	P	6.9
4	☐	100.000	104.530	12601.46	0.5145	P	4.7
5	☐	250.000	259.039	31152.95	1.2726	P	0.9
6	☐	500.000	511.482	62244.64	2.5112	P	0.9
7	☐	1000.000	1010.536	123226.62	4.9597	P	1.1
8	☐	2000.000	1990.505	240933.46	9.7677	P	1.1
9	☐			805.59	0.0340	P	7.6

$$y = 0.0049 * x + 0.0017$$

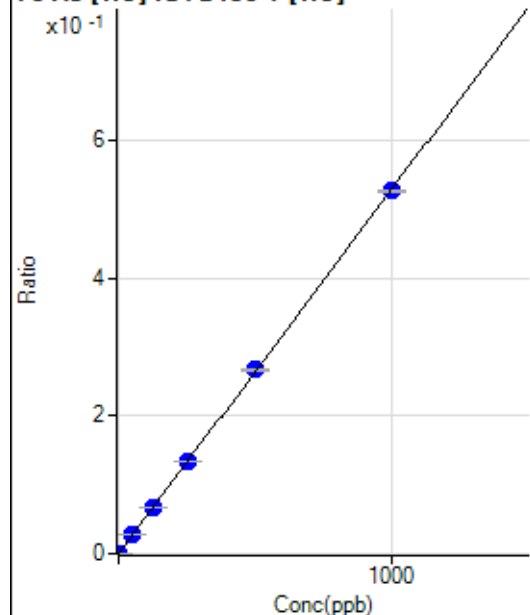
$$R = 1.0000$$

$$DL = 0.4532$$

$$BEC = 0.3451$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.32	0.0000	P	65.2
2	☐	0.100					
3	☐	1.000	0.973	93.21	0.0005	P	23.8
4	☐	50.000	51.058	4698.98	0.0270	P	1.3
5	☐	125.000	126.291	11532.05	0.0668	P	2.0
6	☐	250.000	254.685	23740.16	0.1346	P	0.6
7	☐	500.000	504.380	46848.90	0.2666	P	1.0
8	☐	1000.000	996.424	92626.75	0.5267	P	0.7
9	☐			34.57	0.0002	P	48.1

$$y = 5.2855\text{E-}004 * x + 2.4869\text{E-}005$$

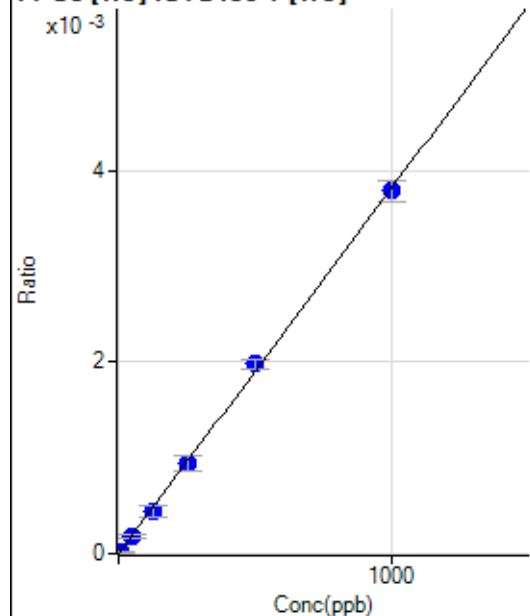
$$R = 1.0000$$

$$DL = 0.09208$$

$$BEC = 0.04705$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.055	3.33	0.0000	P	99.9
4	☐	50.000	48.521	32.22	0.0002	P	15.8
5	☐	125.000	116.112	76.67	0.0004	P	25.8
6	☐	250.000	245.861	165.56	0.0009	P	17.1
7	☐	500.000	518.491	347.79	0.0020	P	4.3
8	☐	1000.000	992.974	666.70	0.0038	P	5.6
9	☐			0.00	0.0000	P	

$$y = 3.8177\text{E-}006 * x + 0.0000\text{E+}000$$

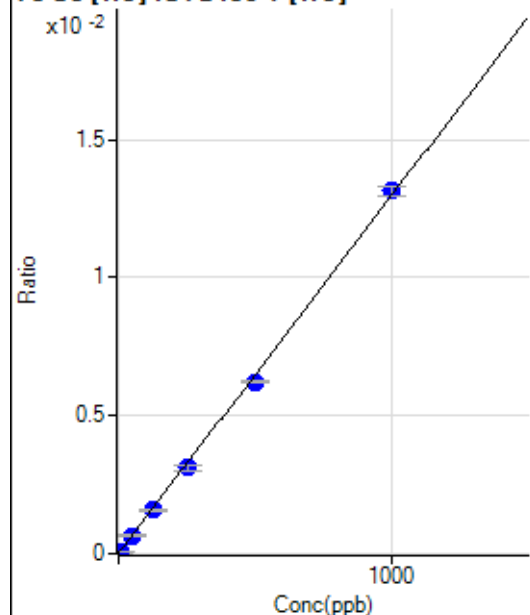
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.47	0.0000	P	114.6
2	☐	0.500					
3	☐	5.000	4.704	12.96	0.0001	P	38.0
4	☐	50.000	49.619	114.20	0.0007	P	7.8
5	☐	125.000	120.673	272.23	0.0016	P	2.5
6	☐	250.000	238.467	546.93	0.0031	P	8.3
7	☐	500.000	480.060	1094.50	0.0062	P	1.3
8	☐	1000.000	1013.415	2309.48	0.0131	P	2.7
9	☐			3.08	0.0000	P	34.4

$$y = 1.2945E-005 * x + 1.4178E-005$$

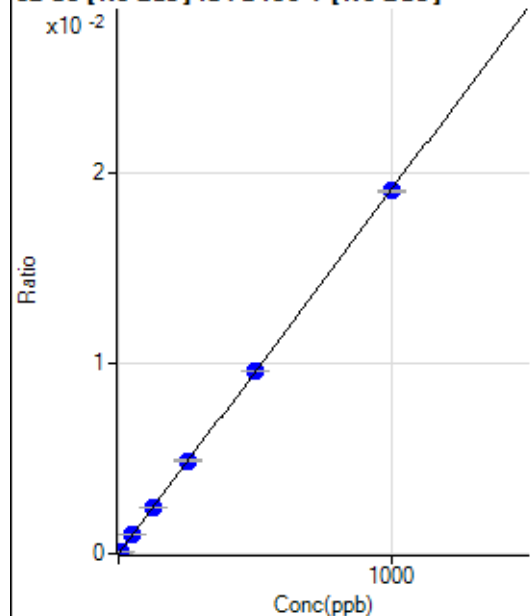
$$R = 0.9996$$

$$DL = 3.766$$

$$BEC = 1.095$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-5.52	0.0000	P	-1019.
2	☐	0.500					
3	☐	5.000	4.496	442.29	0.0001	P	12.2
4	☐	50.000	51.982	5219.56	0.0010	P	3.2
5	☐	125.000	128.484	12983.16	0.0025	P	0.9
6	☐	250.000	255.731	26305.00	0.0049	P	0.7
7	☐	500.000	503.193	52365.53	0.0096	P	0.4
8	☐	1000.000	996.439	102990.70	0.0191	P	0.6
9	☐			70.70	0.0000	P	18.1

$$y = 1.9155E-005 * x - 1.0858E-006$$

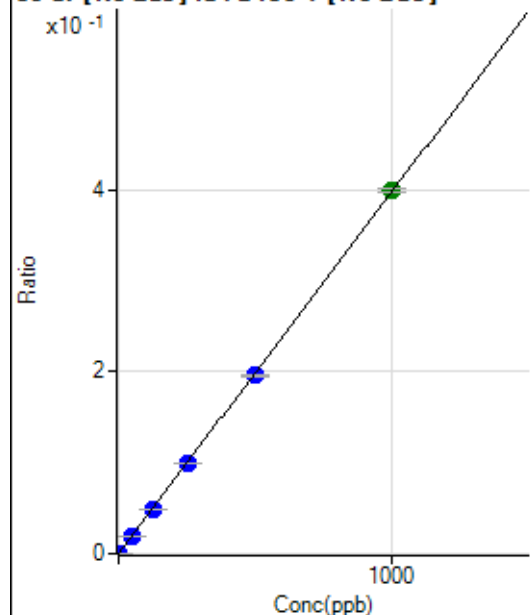
$$R = 1.0000$$

$$DL = 1.733$$

$$BEC = -0.05669$$

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	436.14	0.0001	P	23.2
2	☐	0.100					
3	☐	1.000	0.932	2361.44	0.0005	P	11.1
4	☐	50.000	49.960	104640.88	0.0199	P	0.3
5	☐	125.000	124.205	260954.22	0.0494	P	0.7
6	☐	250.000	249.876	533823.52	0.0994	P	1.1
7	☐	500.000	492.705	1064372.13	0.1959	P	0.6
8	☐	1000.000	1003.780	2153087.03	0.3990	A	0.9
9	☐			69122.23	0.0132	P	0.5

$$y = 3.9741\text{E-}004 * x + 8.3272\text{E-}005$$

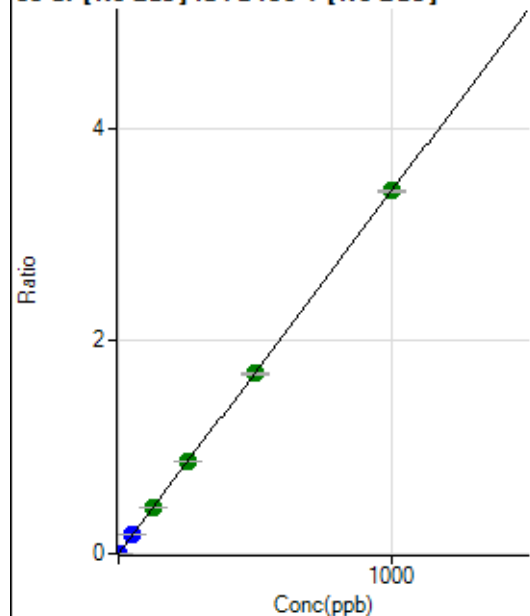
$$R = 1.0000$$

$$DL = 0.1459$$

$$BEC = 0.2095$$

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	138.90	0.0000	P	12.9
2	☐	0.100					
3	☐	1.000	0.940	16808.26	0.0032	P	2.8
4	☐	50.000	51.413	919901.03	0.1753	P	0.6
5	☐	125.000	127.748	2298718.28	0.4355	A	0.8
6	☐	250.000	252.992	4632108.57	0.8624	A	0.7
7	☐	500.000	496.664	9198799.43	1.6930	A	0.7
8	☐	1000.000	1000.506	18403295.72	3.4104	A	0.6
9	☐			596503.95	0.1135	P	0.3

$$y = 0.0034 * x + 2.6515\text{E-}005$$

$$R = 1.0000$$

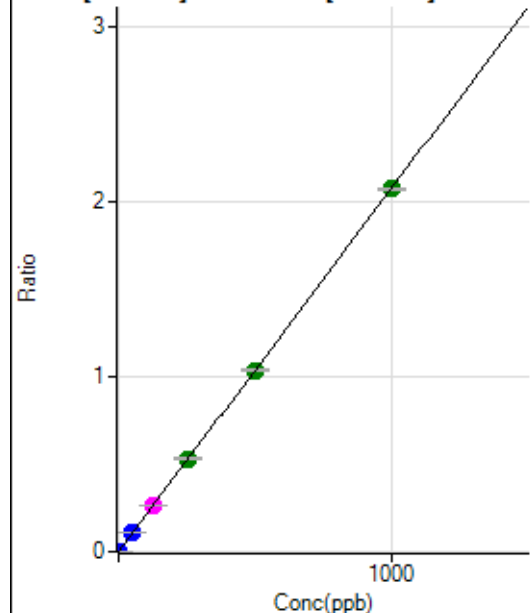
$$DL = 0.003015$$

$$BEC = 0.007779$$

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	313.91	0.0001	P	1.3
2	☐	0.100					
3	☐	1.000	0.949	10582.33	0.0020	P	4.5
4	☐	50.000	51.143	558314.34	0.1064	P	0.7
5	☐	125.000	126.317	1386342.76	0.2627	M	0.7
6	☐	250.000	256.611	2865669.20	0.5335	A	0.3
7	☐	500.000	499.303	5640212.50	1.0380	A	0.5
8	☐	1000.000	998.474	11201193.56	2.0757	A	0.8
9	☐			2066.93	0.0004	P	8.3

$$y = 0.0021 * x + 5.9901E-005$$

$$R = 1.0000$$

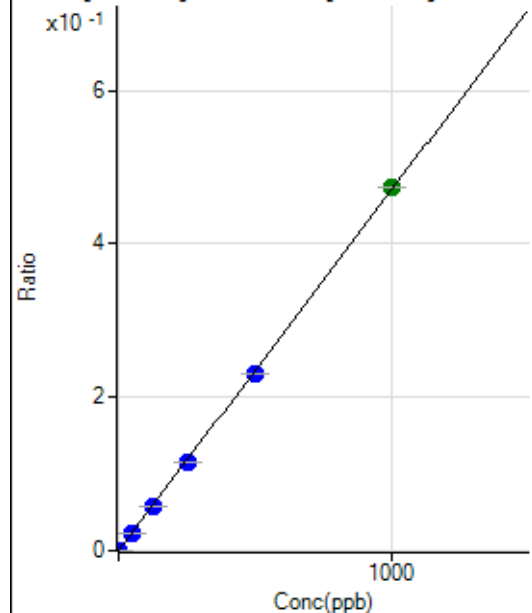
$$DL = 0.001087$$

$$BEC = 0.02881$$

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	58.34	0.0000	P	14.9
2	☐	0.100					
3	☐	1.000	0.914	2294.75	0.0004	P	8.2
4	☐	50.000	49.971	123411.48	0.0235	P	1.1
5	☐	125.000	123.269	306069.57	0.0580	P	0.5
6	☐	250.000	246.909	623838.83	0.1161	P	0.7
7	☐	500.000	490.970	1254811.95	0.2309	P	0.3
8	☐	1000.000	1005.506	2552206.48	0.4730	A	0.2
9	☐			483.37	0.0001	P	10.8

$$y = 4.7035E-004 * x + 1.1139E-005$$

$$R = 0.9999$$

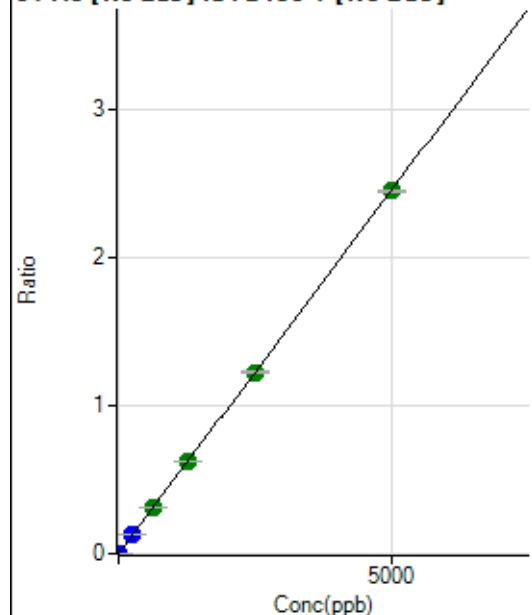
$$DL = 0.01059$$

$$BEC = 0.02368$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0000	P	26.6
2	☐	0.500					
3	☐	5.000	4.634	11991.95	0.0023	P	2.2
4	☐	250.000	256.655	660963.18	0.1259	P	0.2
5	☐	625.000	639.150	1655036.04	0.3136	A	0.3
6	☐	1250.000	1274.898	3359339.44	0.6255	A	1.1
7	☐	2500.000	2499.281	6661986.87	1.2261	A	0.3
8	☐	5000.000	4992.034	13215163.23	2.4489	A	0.5
9	☐			5062.29	0.0010	P	3.8

$$y = 4.9056\text{E-}004 * x + 3.0178\text{E-}005$$

$$R = 1.0000$$

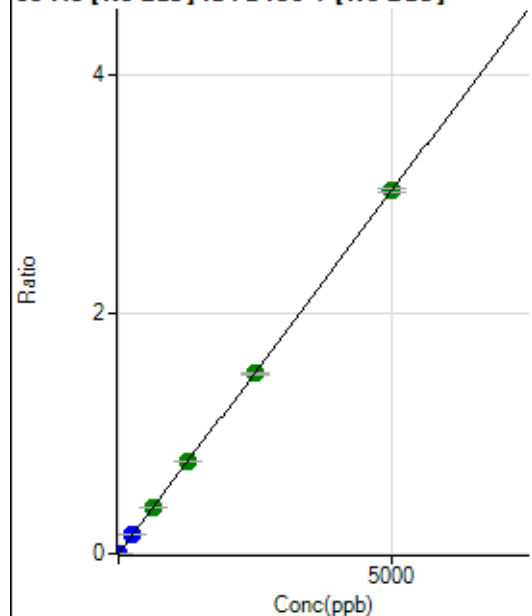
$$DL = 0.04904$$

$$BEC = 0.06152$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	32.3
2	☐	0.500					
3	☐	5.000	4.596	14558.46	0.0028	P	4.1
4	☐	250.000	253.671	806171.72	0.1536	P	0.6
5	☐	625.000	634.961	2029317.21	0.3845	A	0.2
6	☐	1250.000	1272.762	4139204.26	0.7706	A	1.0
7	☐	2500.000	2483.075	8169108.69	1.5035	A	0.6
8	☐	5000.000	5001.344	16340890.30	3.0282	A	0.9
9	☐			7546.85	0.0014	P	1.3

$$y = 6.0548\text{E-}004 * x + 1.4828\text{E-}005$$

$$R = 1.0000$$

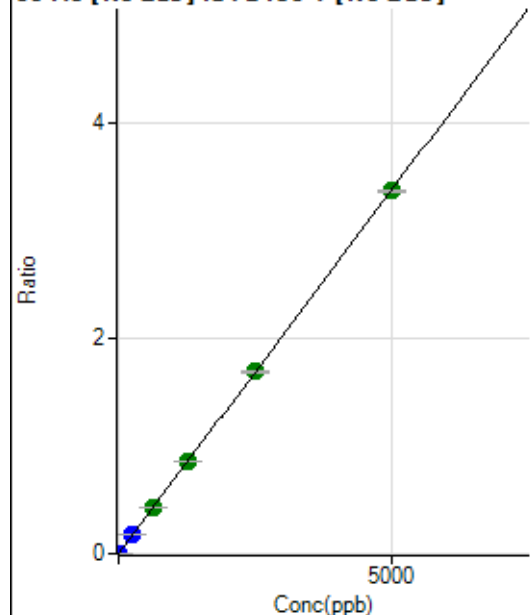
$$DL = 0.02371$$

$$BEC = 0.02449$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	18.2
2	☐	0.500					
3	☐	5.000	4.555	16093.52	0.0031	P	2.4
4	☐	250.000	253.600	897377.84	0.1710	P	0.5
5	☐	625.000	636.734	2265623.97	0.4293	A	0.6
6	☐	1250.000	1273.468	4611336.21	0.8585	A	0.0
7	☐	2500.000	2502.644	9167087.10	1.6871	A	0.4
8	☐	5000.000	4991.165	18157010.48	3.3647	A	0.4
9	☐			9336.98	0.0018	P	0.9

$$y = 6.7413\text{E-}004 * x + 2.1188\text{E-}005$$

$$R = 1.0000$$

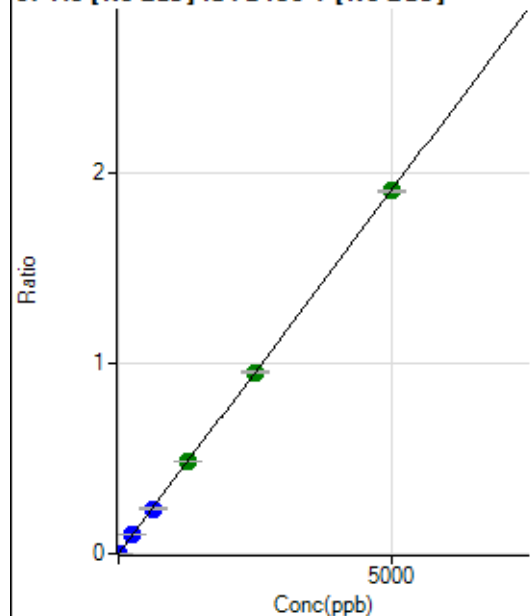
$$DL = 0.01719$$

$$BEC = 0.03143$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	41.5
2	☐	0.500					
3	☐	5.000	4.586	9161.80	0.0018	P	1.3
4	☐	250.000	252.745	505432.33	0.0963	P	0.5
5	☐	625.000	620.701	1248110.27	0.2365	P	0.6
6	☐	1250.000	1277.562	2614315.90	0.4867	A	0.8
7	☐	2500.000	2500.466	5176131.80	0.9526	A	0.1
8	☐	5000.000	4993.277	10265463.95	1.9023	A	0.5
9	☐			4598.22	0.0009	P	1.9

$$y = 3.8098\text{E-}004 * x + 1.3229\text{E-}005$$

$$R = 1.0000$$

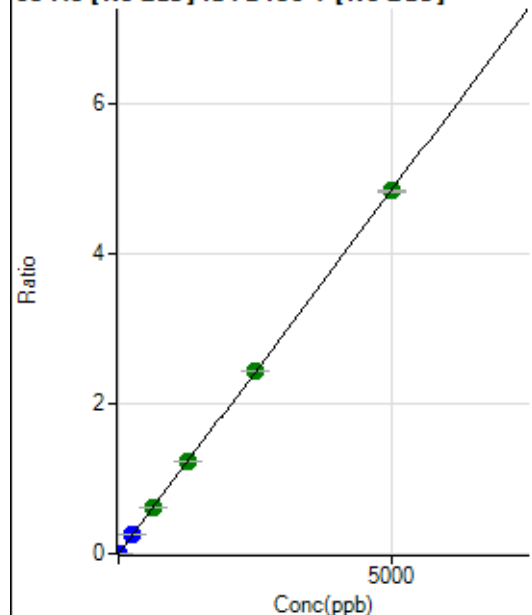
$$DL = 0.04319$$

$$BEC = 0.03472$$

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	105.56	0.0000	P	32.9
2	☐	0.500					
3	☐	5.000	4.478	22689.26	0.0044	P	2.7
4	☐	250.000	255.945	1301981.82	0.2481	P	0.9
5	☐	625.000	636.020	3253541.04	0.6164	A	0.5
6	☐	1250.000	1266.981	6595383.79	1.2280	A	1.3
7	☐	2500.000	2506.090	13197313.58	2.4289	A	0.5
8	☐	5000.000	4991.035	26103210.82	4.8372	A	0.2
9	☐			10968.78	0.0021	P	2.6

$$y = 9.6918\text{E-}004 * x + 2.0139\text{E-}005$$

$$R = 1.0000$$

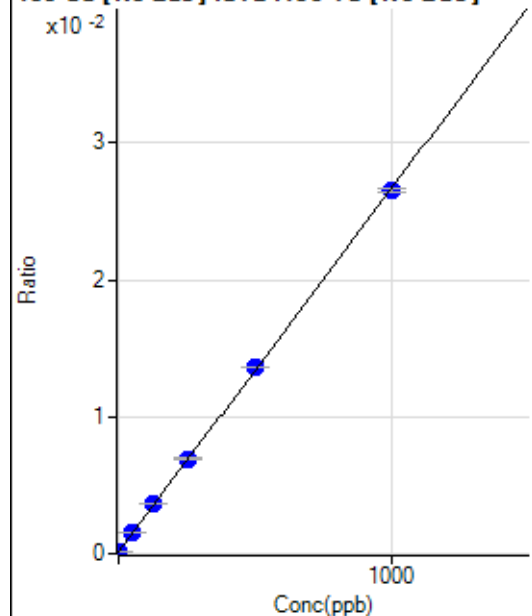
$$DL = 0.02049$$

$$BEC = 0.02078$$

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	811.18	0.0001	P	12.2
2	☐	0.100					
3	☐	1.000	1.731	1091.77	0.0002	P	3.5
4	☐	50.000	53.239	9751.16	0.0015	P	3.9
5	☐	125.000	132.408	23073.31	0.0036	P	1.6
6	☐	250.000	255.319	45399.56	0.0069	P	1.5
7	☐	500.000	508.522	89220.12	0.0136	P	0.8
8	☐	1000.000	993.321	173264.68	0.0265	P	1.1
9	☐			991.75	0.0002	P	12.6

$$y = 2.6532\text{E-}005 * x + 1.2827\text{E-}004$$

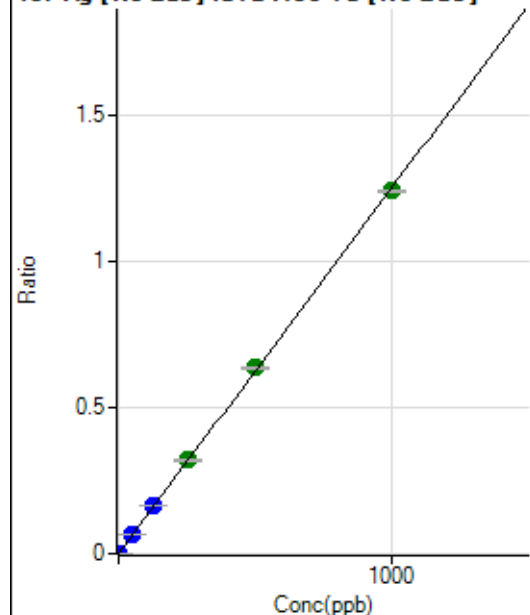
$$R = 0.9999$$

$$DL = 1.774$$

$$BEC = 4.834$$

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	88.90	0.0000	P	10.9
2	☐	0.100					
3	☐	1.000	0.912	7218.94	0.0012	P	6.7
4	☐	50.000	52.338	413267.84	0.0653	P	0.7
5	☐	125.000	129.061	1020113.19	0.1610	P	0.1
6	☐	250.000	257.732	2114769.64	0.3215	A	2.0
7	☐	500.000	508.965	4159062.42	0.6349	A	0.7
8	☐	1000.000	992.960	8104266.93	1.2387	A	0.5
9	☐			638.94	0.0001	P	8.2

$$y = 0.0012 * x + 1.4057E-005$$

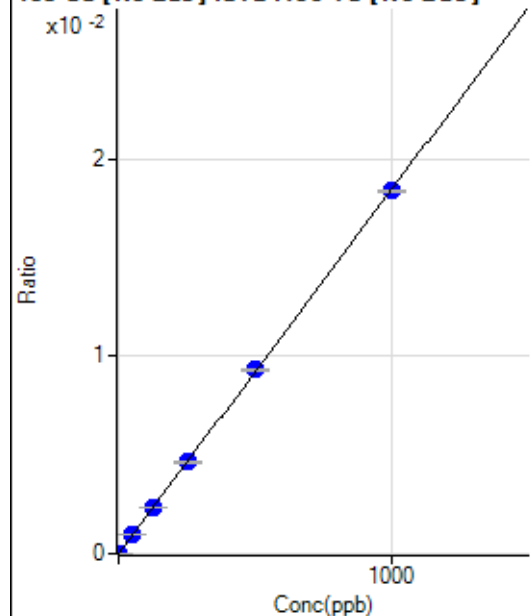
$$R = 0.9999$$

$$DL = 0.003679$$

$$BEC = 0.01127$$

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	0.756	91.67	0.0000	P	15.9
4	☐	50.000	52.296	6112.64	0.0010	P	3.6
5	☐	125.000	127.391	14901.58	0.0024	P	0.9
6	☐	250.000	252.040	30608.66	0.0047	P	1.1
7	☐	500.000	504.583	61015.34	0.0093	P	1.7
8	☐	1000.000	996.785	120387.83	0.0184	P	0.6
9	☐			27.78	0.0000	P	23.3

$$y = 1.8459E-005 * x + 6.5797E-007$$

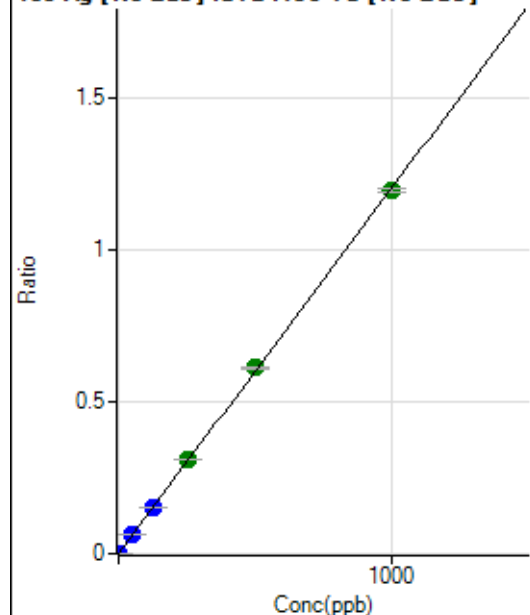
$$R = 1.0000$$

$$DL = 0.1852$$

$$BEC = 0.03564$$

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	44.45	0.0000	P	65.9
2	☐	0.100					
3	☐	1.000	0.953	7224.46	0.0012	P	2.6
4	☐	50.000	52.335	398343.19	0.0629	P	1.3
5	☐	125.000	128.168	976563.08	0.1541	P	0.7
6	☐	250.000	256.746	2031097.18	0.3088	A	1.0
7	☐	500.000	509.067	4010261.29	0.6122	A	0.8
8	☐	1000.000	993.267	7815014.67	1.1945	A	1.1
9	☐			622.27	0.0001	P	15.0

$$y = 0.0012 * x + 7.0306E-006$$

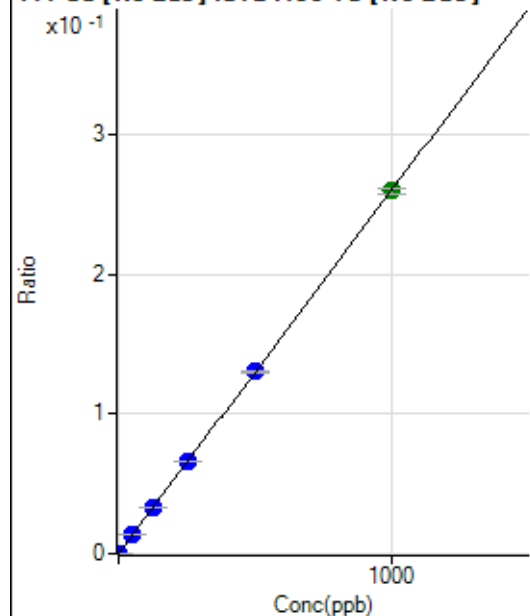
$$R = 0.9999$$

$$DL = 0.01156$$

$$BEC = 0.005846$$

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	584.35	0.0001	P	11.9
2	☐	0.100					
3	☐	1.000	0.974	2164.07	0.0003	P	2.1
4	☐	50.000	52.148	86294.42	0.0136	P	0.2
5	☐	125.000	127.826	210911.28	0.0333	P	0.2
6	☐	250.000	252.088	431252.06	0.0656	P	0.5
7	☐	500.000	500.890	852731.91	0.1302	P	0.6
8	☐	1000.000	998.572	1697285.23	0.2594	A	1.5
9	☐			884.51	0.0001	P	10.6

$$y = 2.5971E-004 * x + 9.2401E-005$$

$$R = 1.0000$$

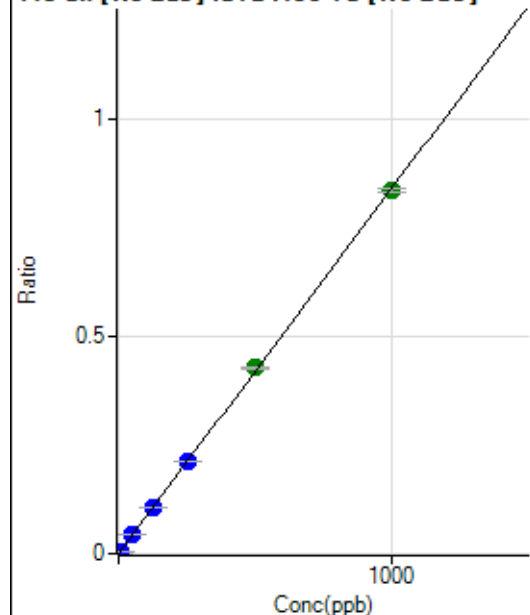
$$DL = 0.1275$$

$$BEC = 0.3558$$

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	700.05	0.0001	P	6.3
2	☐	0.500					
3	☐	5.000	4.549	24637.58	0.0039	P	1.5
4	☐	50.000	51.308	273445.84	0.0432	P	0.8
5	☐	125.000	127.286	678068.41	0.1070	P	0.7
6	☐	250.000	251.854	1392271.84	0.2117	P	1.0
7	☐	500.000	510.146	2807743.92	0.4286	A	1.0
8	☐	1000.000	994.115	5463977.59	0.8352	A	1.2
9	☐			6118.37	0.0009	P	4.8

$$y = 8.4000\text{E-}004 * x + 1.1069\text{E-}004$$

$$R = 0.9999$$

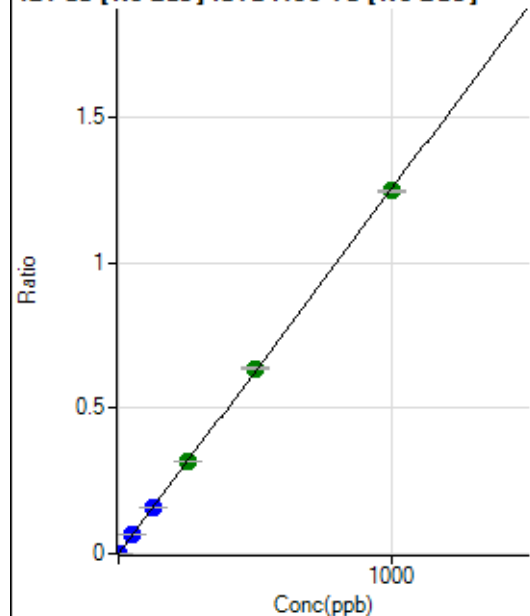
$$DL = 0.02506$$

$$BEC = 0.1318$$

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	120.06	0.0000	P	21.4
2	☐	0.200					
3	☐	2.000	1.870	14814.93	0.0024	P	3.3
4	☐	50.000	51.496	408754.83	0.0646	P	0.2
5	☐	125.000	127.632	1014013.37	0.1601	P	0.3
6	☐	250.000	254.797	2101586.43	0.3195	A	0.5
7	☐	500.000	506.941	4163835.22	0.6357	A	0.9
8	☐	1000.000	994.927	8162056.56	1.2475	A	0.6
9	☐			8577.73	0.0013	P	4.4

$$y = 0.0013 * x + 1.8986\text{E-}005$$

$$R = 1.0000$$

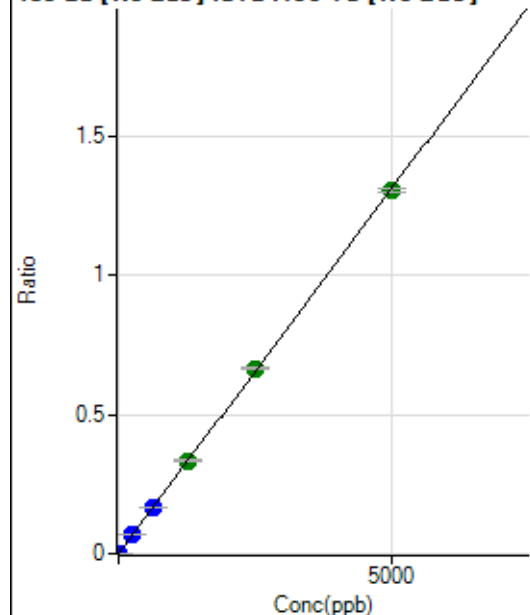
$$DL = 0.009742$$

$$BEC = 0.01514$$

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	30.56	0.0000	P	41.7
2	☐	1.000					
3	☐	10.000	9.301	15331.83	0.0024	P	0.2
4	☐	250.000	257.495	427782.31	0.0676	P	0.5
5	☐	625.000	634.355	1054959.48	0.1665	P	0.5
6	☐	1250.000	1277.871	2206482.38	0.3354	A	0.8
7	☐	2500.000	2538.370	4364642.85	0.6663	A	1.1
8	☐	5000.000	4972.305	8539299.58	1.3052	A	0.9
9	☐			2228.08	0.0003	P	4.7

$$y = 2.6249\text{E-}004 * x + 4.8313\text{E-}006$$

$$R = 0.9999$$

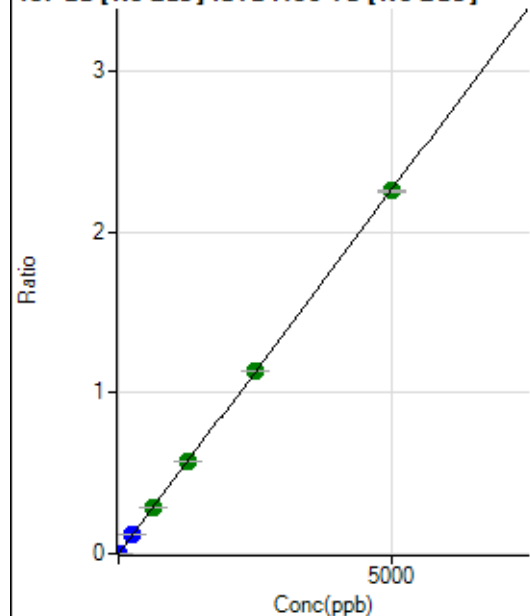
$$DL = 0.02301$$

$$BEC = 0.01841$$

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	61.11	0.0000	P	48.0
2	☐	1.000					
3	☐	10.000	9.119	25912.38	0.0041	P	0.8
4	☐	250.000	256.511	734329.64	0.1160	P	1.0
5	☐	625.000	644.969	1848348.54	0.2917	A	0.4
6	☐	1250.000	1277.927	3802305.51	0.5781	A	0.3
7	☐	2500.000	2505.445	7423721.17	1.1333	A	0.5
8	☐	5000.000	4987.476	14760082.27	2.2560	A	0.6
9	☐			3853.51	0.0006	P	1.8

$$y = 4.5233\text{E-}004 * x + 9.6659\text{E-}006$$

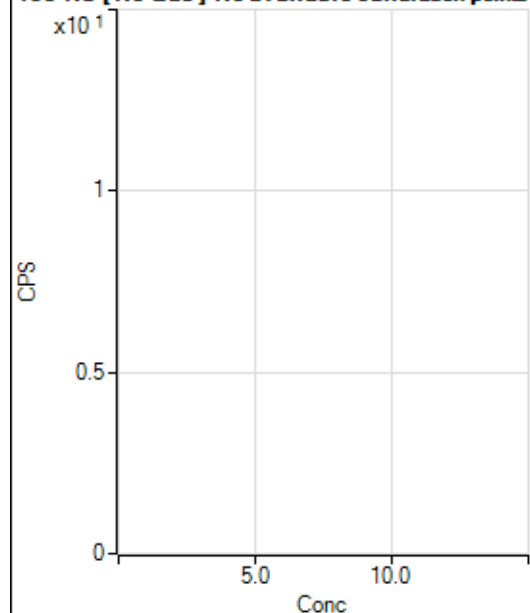
$$R = 1.0000$$

$$DL = 0.03074$$

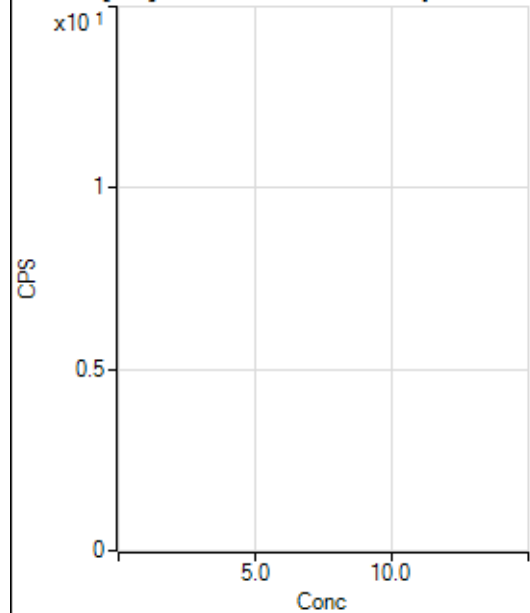
$$BEC = 0.02137$$

Weight: <None>

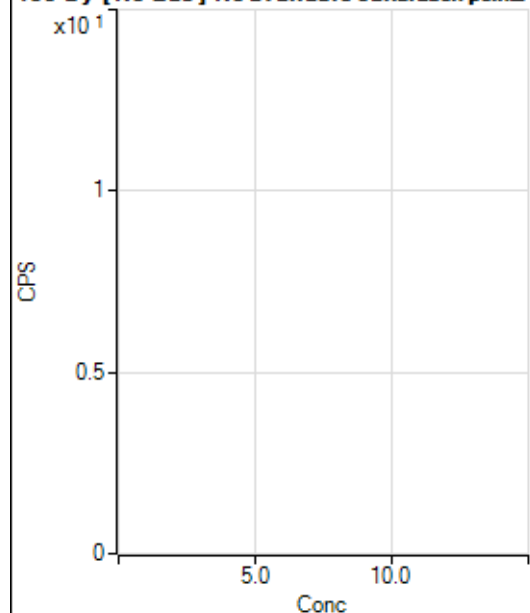
Min Conc: 0

150 Nd [No Gas] No available calibration points

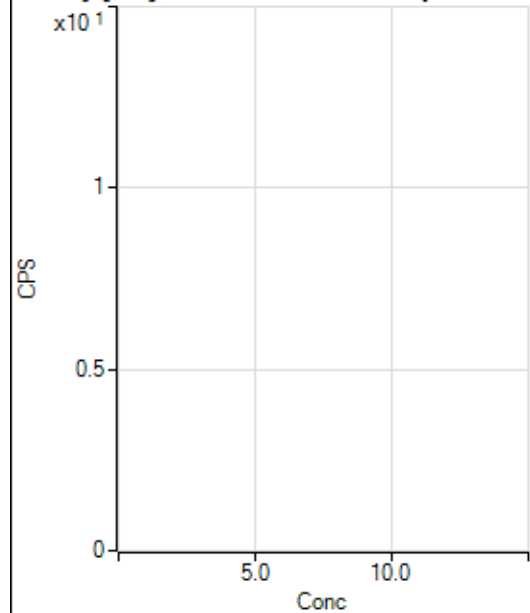
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	108.2
2	☐						
3	☐			6.67		P	100.0
4	☐			35.56		P	10.8
5	☐			53.33		P	43.3
6	☐			108.89		P	19.7
7	☐			168.90		P	23.1
8	☐			348.91		P	24.2
9	☐			88.89		P	28.4

150 Nd [He] No available calibration points

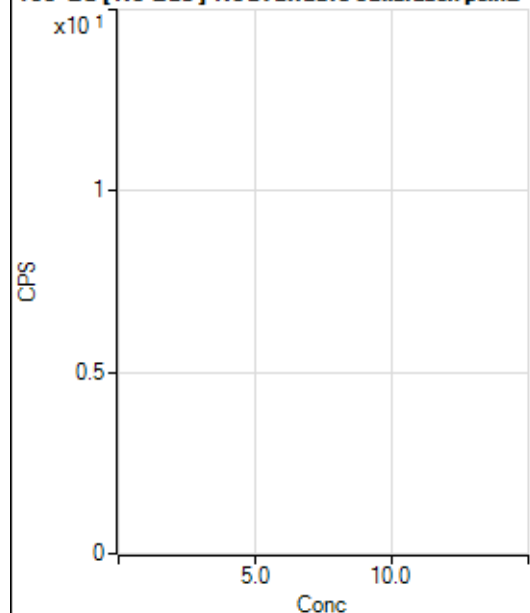
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			5.56		P	34.7
7	☐			2.22		P	86.6
8	☐			10.00		P	57.8
9	☐			11.11		P	69.3

156 Dy [No Gas] No available calibration points

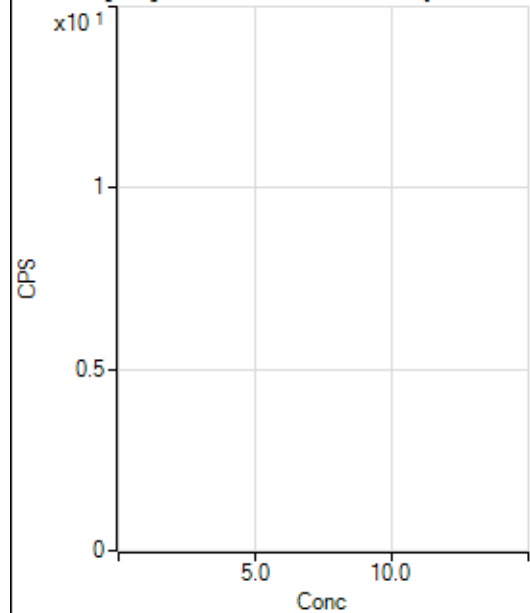
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐						
3	☐			2.78		P	173.2
4	☐			22.22		P	78.1
5	☐			16.67		P	86.6
6	☐			33.33		P	50.0
7	☐			63.89		P	52.7
8	☐			86.12		P	34.0
9	☐			86.12		P	29.6

156 Dy [He] No available calibration points

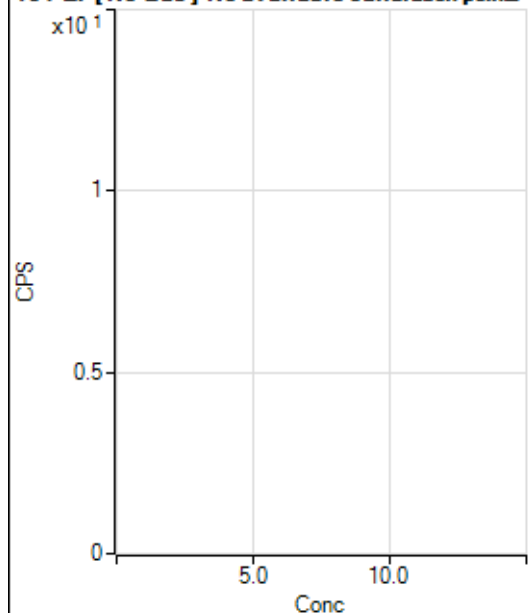
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			2.22		P	86.6
4	☐			1.11		P	173.2
5	☐			4.45		P	86.6
6	☐			3.33		P	100.1
7	☐			2.22		P	86.6
8	☐			5.56		P	91.6
9	☐			5.56		P	91.6

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

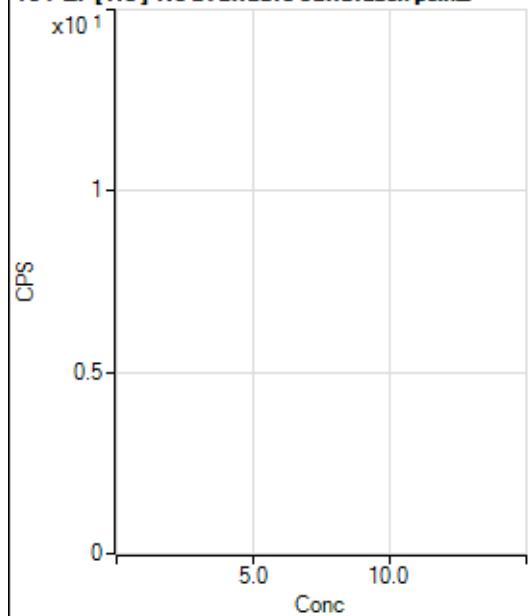
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐						
3	☐			30.56		P	31.5
4	☐			30.56		P	41.7
5	☐			22.23		P	43.3
6	☐			61.12		P	7.9
7	☐			44.45		P	28.7
8	☐			61.11		P	43.8
9	☐			66.67		P	12.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			4.44		P	114.6
4	☐			2.22		P	86.6
5	☐			3.33		P	100.1
6	☐			8.89		P	108.3
7	☐			12.22		P	41.7
8	☐			16.67		P	72.1
9	☐			6.67		P	50.0

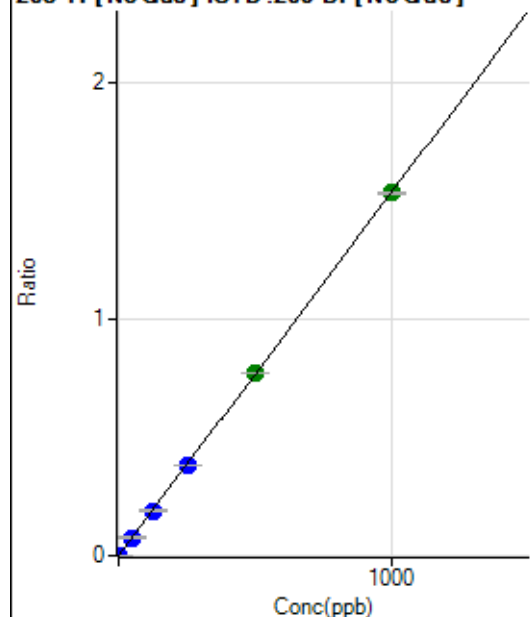
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			33.33		P	50.0
4	☐			27.78		P	17.3
5	☐			41.67		P	20.0
6	☐			38.89		P	32.7
7	☐			33.33		P	66.2
8	☐			47.22		P	53.9
9	☐			30.56		P	41.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			4.44		P	43.4
4	☐			4.45		P	86.6
5	☐			4.44		P	43.4
6	☐			6.67		P	0.0
7	☐			3.33		P	100.1
8	☐			5.56		P	34.7
9	☐			10.00		P	88.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205.57	0.0001	P	20.8
2	☐	0.100					
3	☐	1.000	0.889	5751.57	0.0014	P	4.4
4	☐	50.000	50.115	310598.94	0.0769	P	1.2
5	☐	125.000	124.118	772061.31	0.1904	P	0.8
6	☐	250.000	248.608	1585727.70	0.3813	P	0.6
7	☐	500.000	503.268	3225341.22	0.7719	A	0.4
8	☐	1000.000	998.819	6267320.80	1.5319	A	0.8
9	☐			2892.14	0.0007	P	6.3

$$y = 0.0015 * x + 5.0271E-005$$

$$R = 1.0000$$

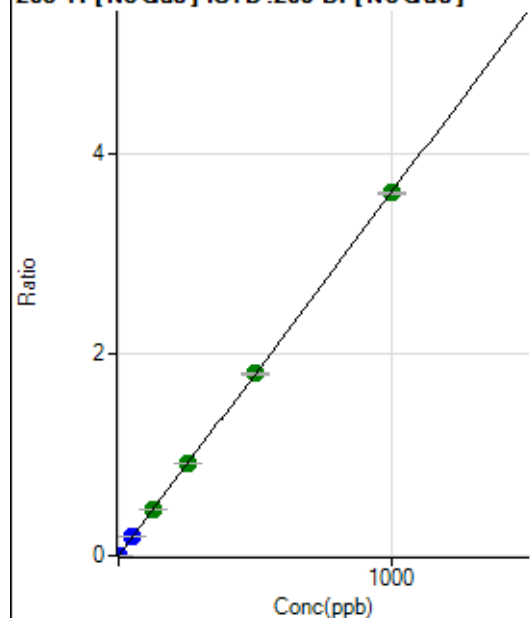
$$DL = 0.02046$$

$$BEC = 0.03278$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	402.80	0.0001	P	34.1
2	☐	0.100					
3	☐	1.000	0.893	13527.29	0.0033	P	5.5
4	☐	50.000	50.811	741769.99	0.1837	P	0.9
5	☐	125.000	127.019	1861131.99	0.4590	A	0.6
6	☐	250.000	254.890	3829710.55	0.9210	A	1.2
7	☐	500.000	500.448	7555247.22	1.8082	A	0.6
8	☐	1000.000	998.260	14755656.06	3.6068	A	0.8
9	☐			6716.00	0.0017	P	7.3

$$y = 0.0036 * x + 9.8835E-005$$

$$R = 1.0000$$

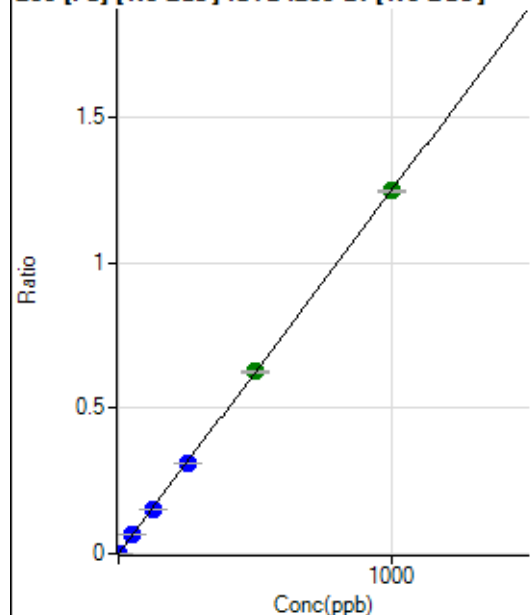
$$DL = 0.02799$$

$$BEC = 0.02736$$

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	288.90	0.0001	P	22.6
2	☐	0.100					
3	☐	1.000	0.884	4775.13	0.0012	P	4.7
4	☐	50.000	50.511	254897.45	0.0631	P	0.4
5	☐	125.000	123.724	626462.23	0.1545	P	0.2
6	☐	250.000	249.051	1292917.64	0.3109	P	0.6
7	☐	500.000	502.288	2619762.96	0.6270	A	0.8
8	☐	1000.000	999.227	5102653.82	1.2473	A	0.9
9	☐			9214.73	0.0024	P	1.8

$$y = 0.0012 * x + 7.0698E-005$$

$$R = 1.0000$$

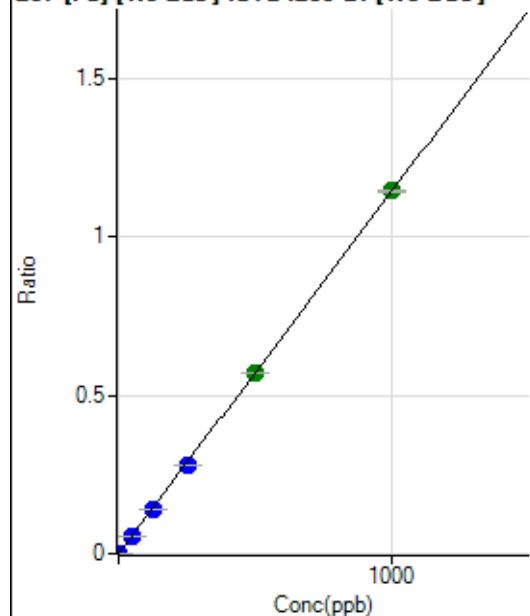
$$DL = 0.03847$$

$$BEC = 0.05664$$

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	294.46	0.0001	P	4.2
2	☐	0.100					
3	☐	1.000	0.833	4161.93	0.0010	P	3.9
4	☐	50.000	49.537	228725.05	0.0566	P	0.8
5	☐	125.000	122.368	566844.10	0.1398	P	0.3
6	☐	250.000	245.440	1165709.01	0.2803	P	0.2
7	☐	500.000	498.891	2380438.27	0.5697	A	0.7
8	☐	1000.000	1002.047	4681187.90	1.1442	A	0.7
9	☐			7678.47	0.0020	P	4.3

$$y = 0.0011 * x + 7.2171E-005$$

$$R = 1.0000$$

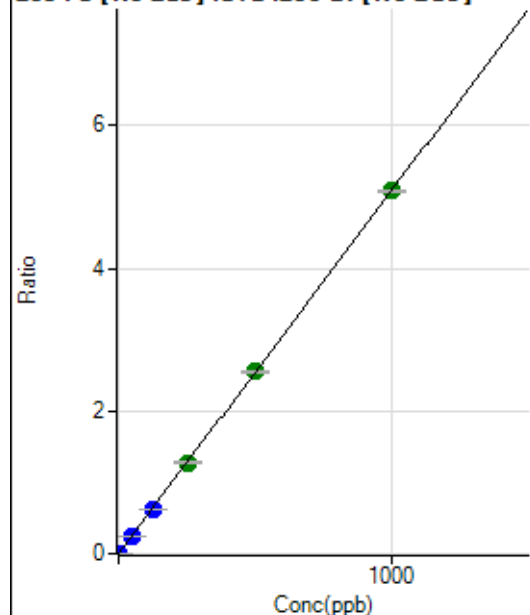
$$DL = 0.008052$$

$$BEC = 0.06321$$

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	1205.62	0.0003	P	3.5
2	☐	0.100					
3	☐	1.000	0.870	19215.62	0.0047	P	1.7
4	☐	50.000	50.087	1030739.48	0.2552	P	0.6
5	☐	125.000	123.365	2547225.07	0.6282	P	0.2
6	☐	250.000	251.441	5323027.26	1.2801	A	0.4
7	☐	500.000	500.671	10648711.09	2.5486	A	0.9
8	☐	1000.000	999.504	20813798.56	5.0876	A	0.5
9	☐			35826.30	0.0092	P	2.2

$$y = 0.0051 * x + 2.9542E-004$$

$$R = 1.0000$$

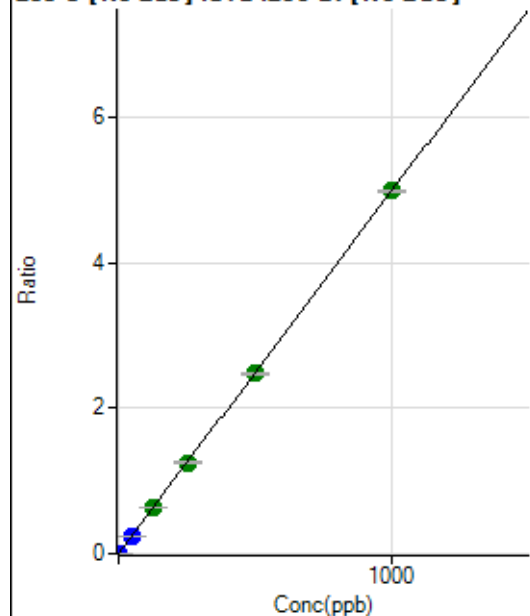
$$DL = 0.006073$$

$$BEC = 0.05804$$

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	130.56	0.0000	P	35.5
2	☐	0.100					
3	☐	1.000	0.861	17613.25	0.0043	P	0.9
4	☐	50.000	49.538	998374.89	0.2472	P	1.3
5	☐	125.000	127.268	2575250.06	0.6351	A	1.5
6	☐	250.000	251.754	5223808.58	1.2563	A	1.1
7	☐	500.000	497.204	10366349.88	2.4810	A	0.8
8	☐	1000.000	1000.699	20428848.20	4.9934	A	0.3
9	☐			1419.60	0.0004	P	7.3

$$y = 0.0050 * x + 3.2000E-005$$

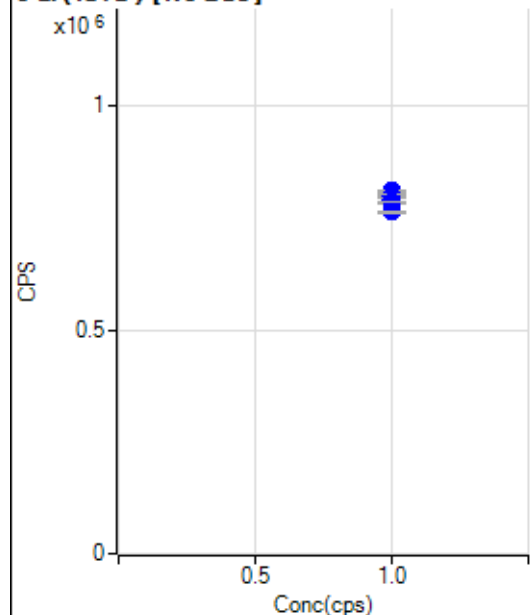
$$R = 1.0000$$

$$DL = 0.006834$$

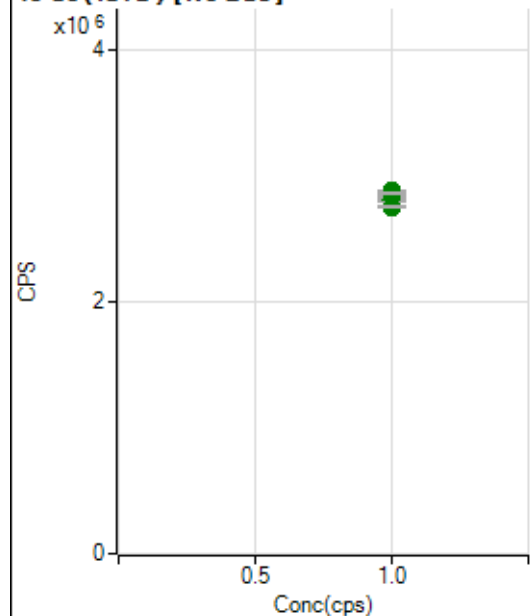
$$BEC = 0.006413$$

Weight: <None>

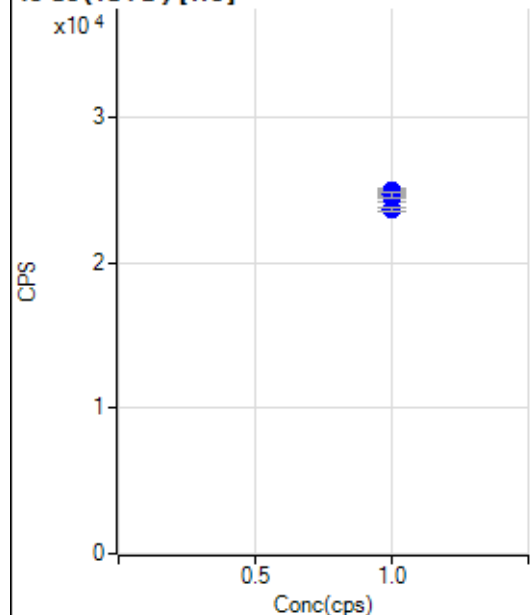
Min Conc: 0

6 Li (ISTD) [No Gas]

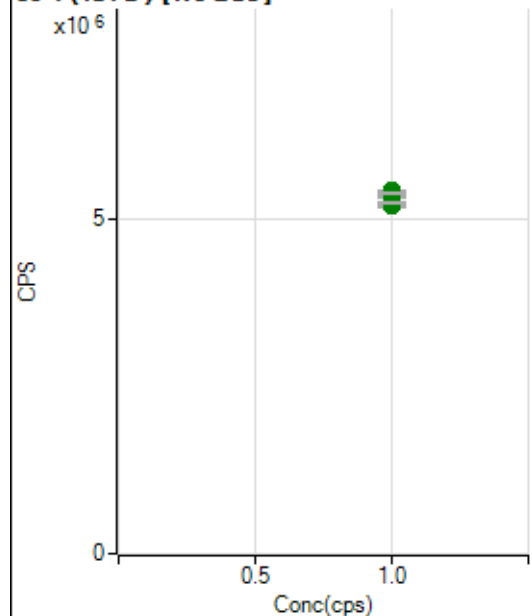
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		800008.35		P	0.3
2	☐	1.000					
3	☐	1.000		797360.35		P	0.5
4	☐	1.000		799654.31		P	0.3
5	☐	1.000		790702.98		P	2.0
6	☐	1.000		810312.86		P	0.6
7	☐	1.000		798735.15		P	0.6
8	☐	1.000		784649.91		P	0.2
9	☐	1.000		762530.61		P	0.7

45 Sc (ISTD) [No Gas]

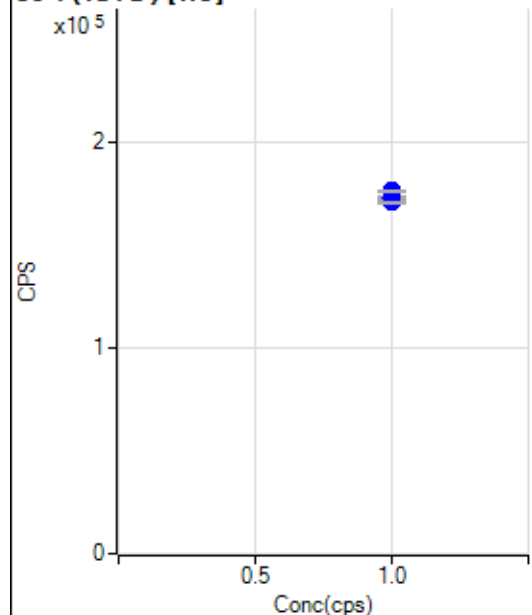
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2820043.42		A	0.9
2	☐	1.000					
3	☐	1.000		2808422.78		A	0.4
4	☐	1.000		2831954.99		A	0.5
5	☐	1.000		2807571.74		A	1.5
6	☐	1.000		2872705.95		A	0.3
7	☐	1.000		2877433.38		A	0.8
8	☐	1.000		2861116.58		A	0.5
9	☐	1.000		2750043.16		A	0.8

45 Sc (ISTD) [He]

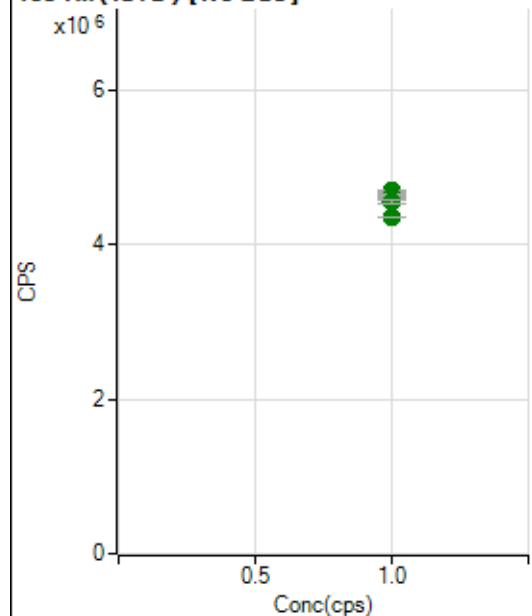
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24933.46		P	1.5
2	☐	1.000					
3	☐	1.000		24591.69		P	1.6
4	☐	1.000		24509.32		P	2.6
5	☐	1.000		24479.28		P	0.8
6	☐	1.000		24788.72		P	1.2
7	☐	1.000		24847.67		P	1.3
8	☐	1.000		24668.52		P	1.3
9	☐	1.000		23673.51		P	1.0

89 Y (ISTD) [No Gas]

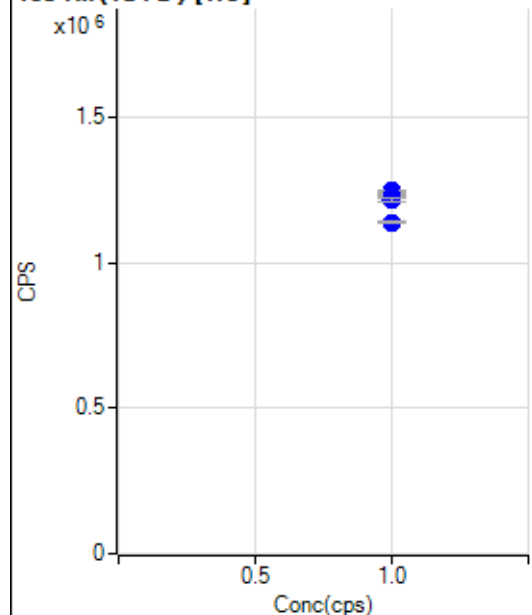
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5240407.63		A	0.7
2	☐	1.000					
3	☐	1.000		5205170.13		A	1.0
4	☐	1.000		5248403.15		A	0.6
5	☐	1.000		5278158.33		A	2.1
6	☐	1.000		5371333.18		A	0.7
7	☐	1.000		5433520.69		A	0.1
8	☐	1.000		5396340.68		A	0.5
9	☐	1.000		5255844.47		A	0.4

89 Y(ISTD) [He]

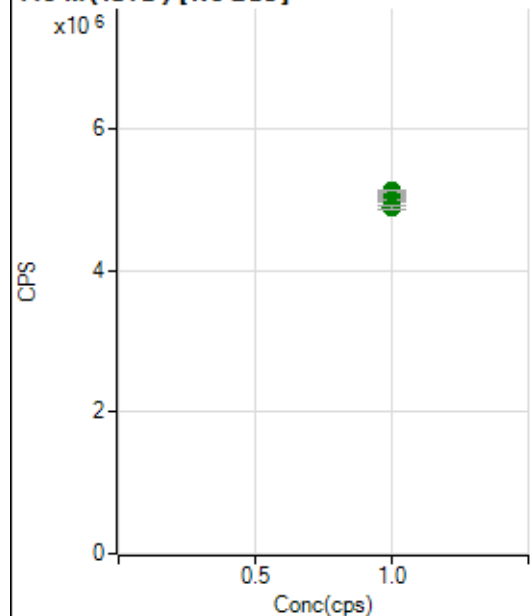
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		173604.17		P	0.6
2	☐	1.000					
3	☐	1.000		172757.23		P	0.3
4	☐	1.000		173960.87		P	0.1
5	☐	1.000		172715.86		P	0.9
6	☐	1.000		176327.07		P	0.6
7	☐	1.000		175721.37		P	0.5
8	☐	1.000		175870.46		P	0.5
9	☐	1.000		170599.53		P	0.3

103 Rh(ISTD) [No Gas]

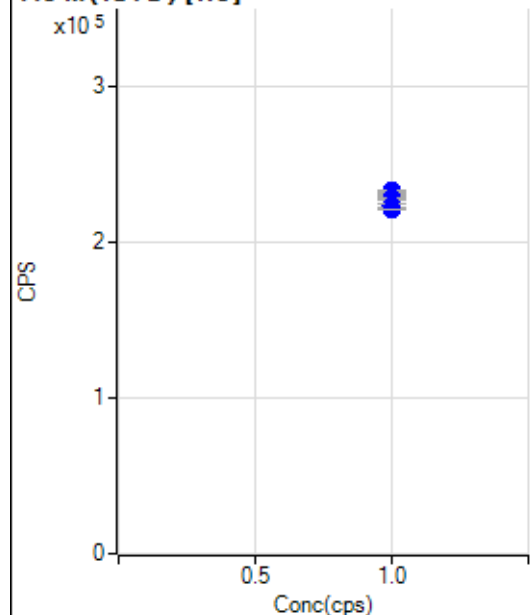
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4597174.67		A	1.0
2	☐	1.000					
3	☐	1.000		4619697.59		A	0.7
4	☐	1.000		4628173.45		A	0.3
5	☐	1.000		4586835.17		A	2.0
6	☐	1.000		4699384.17		A	0.4
7	☐	1.000		4643298.93		A	0.6
8	☐	1.000		4563076.01		A	0.8
9	☐	1.000		4360156.13		A	0.5

103 Rh (ISTD) [He]

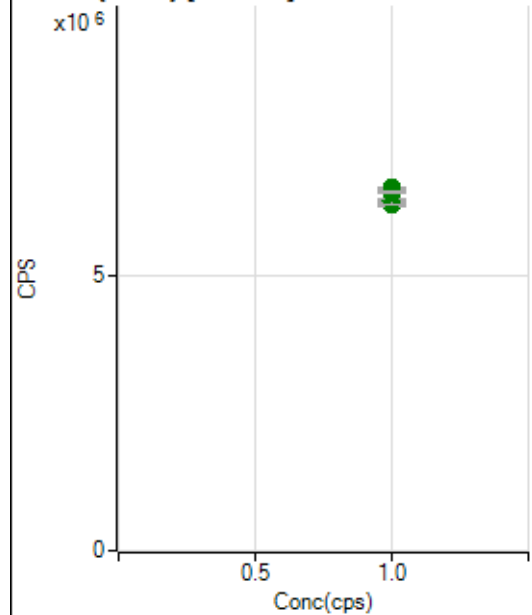
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1243986.35		P	0.4
2	☐	1.000					
3	☐	1.000		1236446.80		P	0.1
4	☐	1.000		1237229.10		P	0.1
5	☐	1.000		1225576.10		P	0.1
6	☐	1.000		1247284.82		P	0.3
7	☐	1.000		1231072.56		P	0.2
8	☐	1.000		1214579.51		P	1.1
9	☐	1.000		1140317.78		P	0.3

115 In (ISTD) [No Gas]

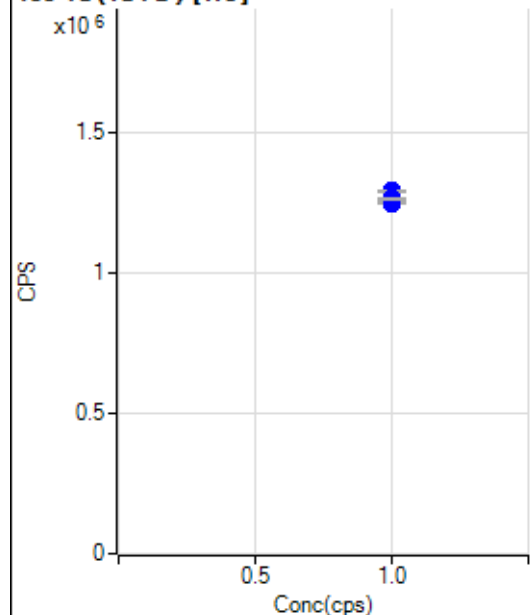
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5087090.74		A	0.2
2	☐	1.000					
3	☐	1.000		4995251.10		A	0.9
4	☐	1.000		5042557.25		A	0.6
5	☐	1.000		4999141.43		A	1.5
6	☐	1.000		5125350.01		A	0.7
7	☐	1.000		5118403.99		A	0.7
8	☐	1.000		4999921.77		A	0.4
9	☐	1.000		4890241.24		A	0.8

115 In (ISTD) [He]

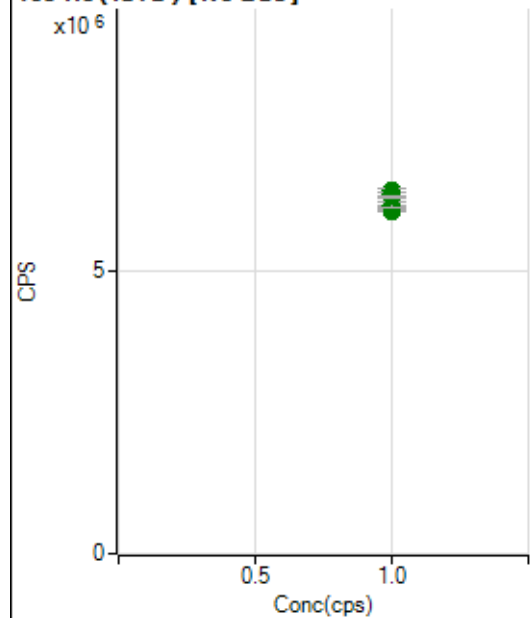
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		231984.70		P	1.2
2	☐	1.000					
3	☐	1.000		230322.24		P	0.5
4	☐	1.000		232283.34		P	0.3
5	☐	1.000		229959.96		P	0.4
6	☐	1.000		233006.93		P	0.6
7	☐	1.000		228226.13		P	0.6
8	☐	1.000		223039.21		P	1.0
9	☐	1.000		221051.21		P	0.5

159 Tb (ISTD) [No Gas]

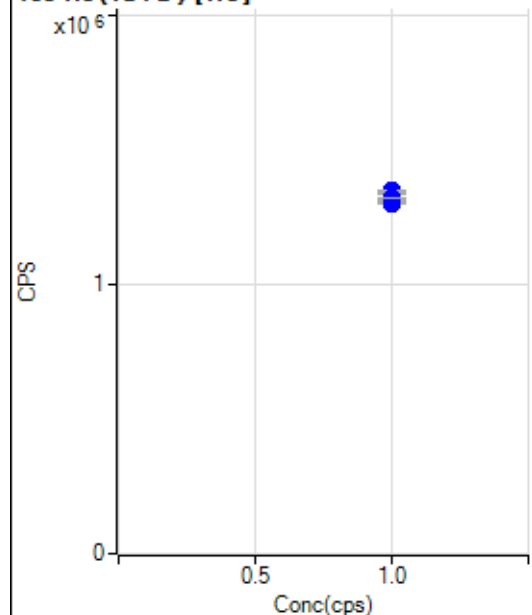
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6324421.78		A	0.1
2	☐	1.000					
3	☐	1.000		6267016.78		A	0.5
4	☐	1.000		6328598.10		A	0.5
5	☐	1.000		6335604.49		A	1.7
6	☐	1.000		6577828.79		A	0.6
7	☐	1.000		6550624.28		A	0.5
8	☐	1.000		6542772.68		A	0.8
9	☐	1.000		6494459.28		A	0.6

159 Tb (ISTD) [He]

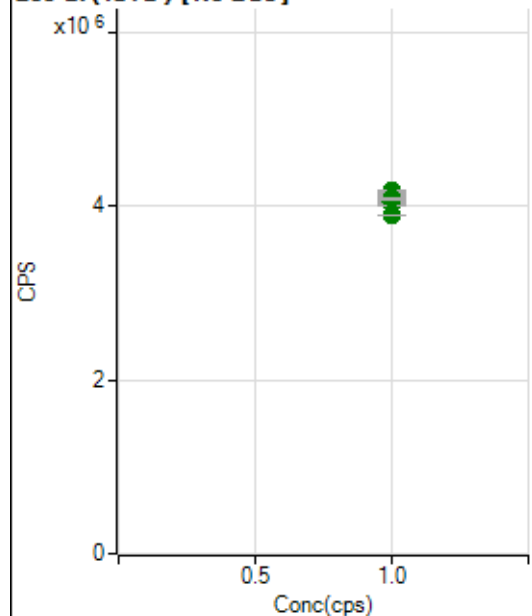
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1253326.67		P	0.6
2	☐	1.000					
3	☐	1.000		1249876.48		P	0.3
4	☐	1.000		1260512.53		P	0.6
5	☐	1.000		1265362.19		P	0.6
6	☐	1.000		1291167.13		P	0.3
7	☐	1.000		1293684.35		P	0.4
8	☐	1.000		1292914.28		P	0.9
9	☐	1.000		1266526.15		P	0.5

165 Ho (ISTD) [No Gas]

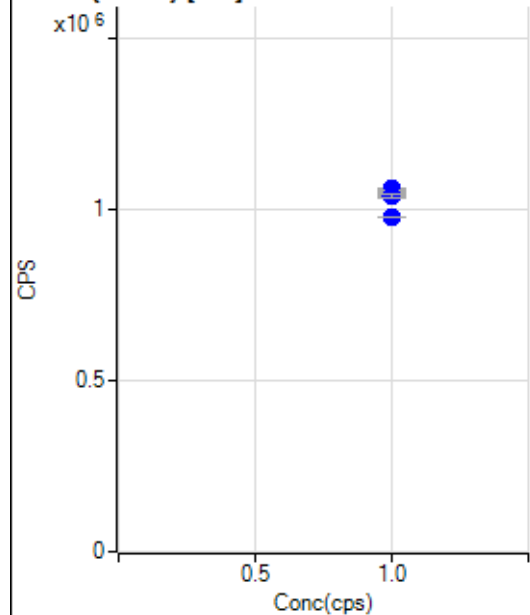
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6106533.08		A	0.7
2	☐	1.000					
3	☐	1.000		6045528.30		A	0.5
4	☐	1.000		6115597.36		A	0.6
5	☐	1.000		6157735.94		A	1.9
6	☐	1.000		6348221.11		A	1.0
7	☐	1.000		6402206.00		A	1.1
8	☐	1.000		6350546.41		A	0.8
9	☐	1.000		6297643.68		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1299370.80		P	0.6
2	☐	1.000					
3	☐	1.000		1296847.59		P	0.1
4	☐	1.000		1303437.11		P	0.7
5	☐	1.000		1311020.83		P	0.4
6	☐	1.000		1341555.66		P	0.3
7	☐	1.000		1339856.33		P	0.7
8	☐	1.000		1345585.71		P	0.9
9	☐	1.000		1320808.33		P	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4081229.52		A	1.4
2	☐	1.000					
3	☐	1.000		4067988.93		A	0.5
4	☐	1.000		4038616.78		A	0.9
5	☐	1.000		4054854.83		A	1.8
6	☐	1.000		4158455.98		A	0.9
7	☐	1.000		4178397.58		A	0.7
8	☐	1.000		4091152.96		A	0.3
9	☐	1.000		3901715.22		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1048542.13		P	0.4
2	☐	1.000					
3	☐	1.000		1042613.83		P	0.3
4	☐	1.000		1043430.42		P	0.6
5	☐	1.000		1043529.45		P	0.4
6	☐	1.000		1060700.22		P	0.3
7	☐	1.000		1052250.25		P	0.5
8	☐	1.000		1038212.49		P	1.2
9	☐	1.000		976943.46		P	0.3

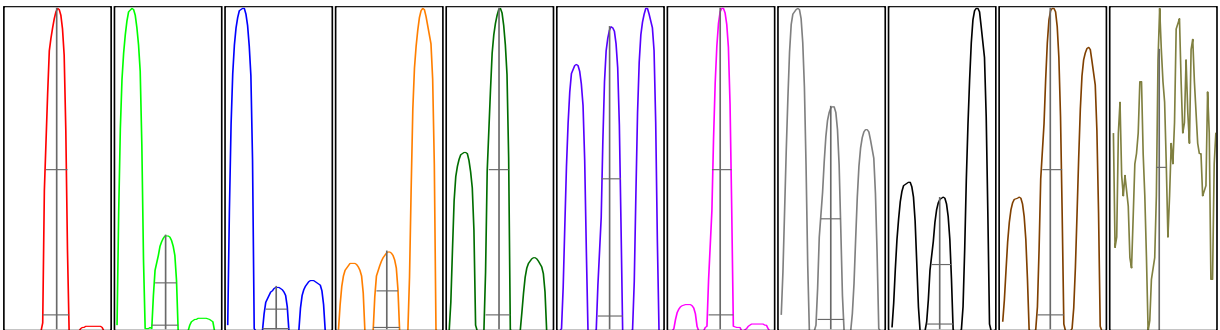
US EPA Tune Check Sample Report

Batch Folder D:\P8011118 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4727	0.55	5.00	
24	25502	0.50	5.00	
25	3466	0.75	5.00	
26	4056	0.87	5.00	
59	51133	1.14	5.00	
113	7506	0.99	5.00	
115	97939	0.88	5.00	
206	21960	1.68	5.00	
207	19794	1.67	5.00	
208	47368	1.73	5.00	
220	2	15.08		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4732	4737	4762	4694	4709
24	25422	25619	25388	25662	25420
25	3444	3477	3436	3499	3475
26	4019	4086	4025	4098	4055
59	50575	51682	50621	51816	50973
113	7486	7628	7427	7484	7506
115	98646	98419	97595	96585	98450
206	22109	21457	22084	21739	22413
207	19958	19342	19884	19596	20191
208	47797	46330	47876	46661	48179
220	2	2	1	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	8114	9.00	8.9 - 9.1		0.737	0.900	
24	42477	23.95	23.9 - 24.1		0.739	0.900	
25	5725	24.95	24.9 - 25.1		0.741	0.900	
26	6678	25.95	25.9 - 26.1		0.740	0.900	
59	89172	59.00	58.9 - 59.1		0.732	0.900	
113	13930	113.00	112.9 - 113.1		0.727	0.900	
115	181195	115.00	114.9 - 115.1		0.733	0.900	
206	39793	206.00	205.9 - 206.1		0.776	0.900	
207	35595	206.95	206.9 - 207.1		0.756	0.900	
208	86175	207.95	207.9 - 208.1		0.762	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	9.4	V	Deflect	13.4	V
Extract 2	-230.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7088	0.59	
89	1724	0.72	
205	10290	0.62	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7155	7099	7066	7048	7074
89	1743	1730	1722	1717	1710
205	10348	10324	10290	10182	10307

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.4	V	Deflect	1.4	V
Extract 2	-230.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:46:53	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	-1.46	1.49	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.03	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.05	-0.06	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.13	-0.16	0.04	0.00	N/A	ppb
Boron	11-1	-0.15	-0.04	0.19	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.05	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.36	0.68	-0.32	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.04	0.07	0.00	N/A	ppb
Calcium	43-1	-1.76	2.87	-1.11	0.00	N/A	ppb
Calcium	44-1	-0.67	1.02	-0.35	0.00	N/A	ppb
Chromium	52-2	0.03	0.02	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.24	0.00	0.24	0.00	N/A	ppb
Iron	57-2	0.12	-0.73	0.61	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	1.77	-1.66	-0.11	0.00	N/A	ppb
Manganese	55-2	-0.03	-0.03	0.06	0.00	N/A	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:46:53	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-0.49	-21.26	0.04	-7.24		ppb
Potassium	39-2	-4.62	-9.16	13.78	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	-0.27	1.37	-1.10	0.00	N/A	ppb
Selenium	82-1	0.31	-0.67	0.36	0.00	N/A	ppb
Silicon	28-1	0.66	0.86	-1.52	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-10.28	5.23	5.05	0.00	N/A	ppb
Strontium	86-1	-0.03	0.06	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-50.63	-70.10	-224.81	-115.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	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	0.00	-0.15	0.15	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:46:53	DataFile Name :	003CALB.d

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

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 16:53:55 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.41	13.23	12.12	17.25	46.07	ppb
Antimony	121-1	1.80	1.92	1.89	1.87	3.36	ppb
Arsenic	75-2	0.79	1.25	0.88	0.97	24.98	ppb
Barium	135-1	9.29	9.32	9.29	9.30	0.15	ppb
Barium	137-1	9.07	9.20	9.08	9.12	0.80	ppb
Beryllium	9-1	0.94	0.67	0.89	0.84	17.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.66	20.77	21.84	21.43	2.68	ppb
Boron	11-1	20.85	21.15	21.68	21.23	1.98	ppb
Cadmium	111-1	0.94	1.00	0.98	0.97	2.86	ppb
Cadmium	106-1	1.56	1.99	1.64	1.73	13.45	ppb
Cadmium	108-1	0.72	0.90	0.65	0.76	16.68	ppb
Calcium	43-1	459.32	460.16	426.50	448.66	4.28	ppb
Calcium	44-1	447.66	456.25	450.60	451.51	0.97	ppb
Chromium	52-2	2.09	1.84	2.07	2.00	6.91	ppb
Cobalt	59-2	1.01	0.91	1.07	1.00	8.15	ppb
Copper	63-2	2.03	1.77	1.96	1.92	6.90	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	48.02	47.88	50.10	48.67	2.55	ppb
Iron	57-2	45.71	40.41	48.46	44.86	9.12	ppb
Lead	206-1	0.85	0.86	0.93	0.88	4.95	ppb
Lead	207-1	0.86	0.85	0.79	0.83	4.25	ppb
Lead	208-1	0.86	0.89	0.87	0.87	1.77	ppb
Lithium	6-1						%
Magnesium	24-2	432.80	442.73	447.84	441.12	1.73	ppb
Manganese	55-2	0.98	1.10	1.20	1.09	10.20	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:53:55	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.74	4.54	4.62	4.63	2.21	ppb
Molybdenum	95-1	4.47	4.82	4.50	4.60	4.15	ppb
Molybdenum	96-1	4.68	4.48	4.51	4.55	2.40	ppb
Molybdenum	97-1	4.53	4.65	4.58	4.59	1.35	ppb
Molybdenum	98-1	4.47	4.60	4.36	4.48	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.94	1.11	1.04	8.78	ppb
Phosphorus	31-2	21.18	-0.02	0.56	7.24	166.84	ppb
Potassium	39-2	442.84	469.94	482.93	465.24	4.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.07	10.10	0.00	5.05	99.87	ppb
Selenium	78-2	6.39	2.21	5.51	4.70	46.80	ppb
Selenium	82-1	4.22	5.12	4.15	4.50	12.06	ppb
Silicon	28-1	17.94	19.74	17.78	18.49	5.90	ppb
Silver	109-1	0.95	0.98	0.93	0.95	2.63	ppb
Silver	107-1	0.86	0.89	0.98	0.91	6.82	ppb
Sodium	23-2	480.03	457.73	505.85	481.21	5.00	ppb
Strontium	86-1	1.07	0.92	0.81	0.93	13.54	ppb
Strontium	88-1	0.93	0.97	0.92	0.94	2.81	ppb
Sulfur	34-1	77.20	235.22	33.12	115.18	92.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.85	0.89	0.89	4.53	ppb
Thallium	205-1	0.86	0.95	0.86	0.89	5.69	ppb
Tin	118-1	4.55	4.48	4.62	4.55	1.50	ppb
Titanium	47-1	4.67	4.42	4.55	4.55	2.76	ppb
Uranium	238-1	0.86	0.86	0.87	0.86	0.92	ppb
Vanadium	51-2	4.33	4.50	4.43	4.42	1.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.12	1.87	1.82	1.94	8.12	ppb
Zirconium	90-1	0.91	1.00	0.94	0.95	4.68	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:53:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.99	0.84	0.91	8.43	ppb

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 16:57:29 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	948.24	1059.84	1004.37	1004.15	5.56	ppb
Antimony	121-1	51.50	51.41	51.57	51.50	0.16	ppb
Arsenic	75-2	50.34	51.21	51.62	51.06	1.28	ppb
Barium	135-1	256.80	256.65	259.04	257.50	0.52	ppb
Barium	137-1	253.73	257.50	258.30	256.51	0.95	ppb
Beryllium	9-1	51.59	52.51	51.77	51.96	0.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.08	47.31	48.49	48.29	1.86	ppb
Boron	11-1	47.66	50.47	49.96	49.36	3.04	ppb
Cadmium	111-1	52.29	52.06	52.09	52.15	0.24	ppb
Cadmium	106-1	52.29	55.83	51.60	53.24	4.26	ppb
Cadmium	108-1	50.12	53.16	53.61	52.30	3.62	ppb
Calcium	43-1	4945.13	5056.67	4988.43	4996.74	1.13	ppb
Calcium	44-1	5073.12	5105.63	5187.42	5122.06	1.15	ppb
Chromium	52-2	50.99	52.02	52.66	51.89	1.62	ppb
Cobalt	59-2	50.72	52.05	52.91	51.89	2.13	ppb
Copper	63-2	100.44	104.46	107.07	103.99	3.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2559.00	2653.98	2687.26	2633.41	2.53	ppb
Iron	57-2	2477.09	2638.23	2635.75	2583.69	3.57	ppb
Lead	206-1	50.55	50.70	50.28	50.51	0.42	ppb
Lead	207-1	49.08	49.68	49.85	49.54	0.82	ppb
Lead	208-1	49.78	50.38	50.10	50.09	0.59	ppb
Lithium	6-1						%
Magnesium	24-2	4952.79	5098.07	5176.58	5075.81	2.24	ppb
Manganese	55-2	100.68	104.61	106.52	103.94	2.87	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:57:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	257.22	256.49	256.25	256.65	0.20	ppb
Molybdenum	95-1	253.93	252.05	255.03	253.67	0.59	ppb
Molybdenum	96-1	255.00	252.89	252.91	253.60	0.48	ppb
Molybdenum	97-1	251.48	252.71	254.05	252.75	0.51	ppb
Molybdenum	98-1	258.41	253.60	255.82	255.94	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.67	54.82	53.60	53.03	4.03	ppb
Phosphorus	31-2	1044.86	1082.74	747.79	958.46	19.14	ppb
Potassium	39-2	2621.87	2617.44	2756.38	2665.23	2.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	50.12	40.17	55.28	48.52	15.84	ppb
Selenium	78-2	48.18	46.61	54.07	49.62	7.93	ppb
Selenium	82-1	52.01	50.29	53.64	51.98	3.22	ppb
Silicon	28-1	62.40	66.99	66.64	65.34	3.91	ppb
Silver	109-1	52.15	51.74	53.11	52.34	1.34	ppb
Silver	107-1	51.90	52.51	52.61	52.34	0.74	ppb
Sodium	23-2	5124.21	5300.65	5385.45	5270.10	2.53	ppb
Strontium	86-1	50.01	49.80	50.07	49.96	0.28	ppb
Strontium	88-1	51.68	51.10	51.46	51.41	0.57	ppb
Sulfur	34-1	835.46	736.96	786.80	786.40	6.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.54	50.70	50.11	50.12	1.16	ppb
Thallium	205-1	50.35	51.30	50.78	50.81	0.93	ppb
Tin	118-1	51.01	51.16	51.75	51.31	0.76	ppb
Titanium	47-1	251.24	248.56	254.38	251.39	1.16	ppb
Uranium	238-1	49.60	50.17	48.85	49.54	1.33	ppb
Vanadium	51-2	48.97	51.16	52.69	50.94	3.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	99.67	104.48	109.43	104.53	4.67	ppb
Zirconium	90-1	50.79	51.20	51.44	51.14	0.65	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:57:29	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.00	49.38	50.53	49.97	1.15	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:01:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2642.36	2537.00	2439.02	2539.46	4.00	ppb
Antimony	121-1	127.68	127.23	127.98	127.63	0.30	ppb
Arsenic	75-2	124.83	129.22	124.82	126.29	2.01	ppb
Barium	135-1	637.85	633.47	631.74	634.35	0.50	ppb
Barium	137-1	647.97	644.70	642.24	644.97	0.44	ppb
Beryllium	9-1	130.09	127.94	130.13	129.39	0.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	126.01	127.68	130.24	127.97	1.66	ppb
Boron	11-1	122.90	122.41	127.09	124.13	2.07	ppb
Cadmium	111-1	127.62	127.80	128.06	127.83	0.17	ppb
Cadmium	106-1	131.04	134.90	131.28	132.41	1.63	ppb
Cadmium	108-1	127.67	126.13	128.37	127.39	0.90	ppb
Calcium	43-1	12452.72	12636.75	12377.30	12488.92	1.07	ppb
Calcium	44-1	12744.48	12767.42	12611.21	12707.70	0.66	ppb
Chromium	52-2	125.94	127.24	127.09	126.76	0.56	ppb
Cobalt	59-2	125.96	127.09	126.49	126.51	0.45	ppb
Copper	63-2	254.89	259.27	256.47	256.87	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6483.63	6572.77	6543.66	6533.35	0.70	ppb
Iron	57-2	6267.89	6355.64	6391.21	6338.25	1.00	ppb
Lead	206-1	123.66	123.95	123.56	123.72	0.16	ppb
Lead	207-1	122.49	122.68	121.94	122.37	0.31	ppb
Lead	208-1	123.45	123.49	123.15	123.36	0.15	ppb
Lithium	6-1						%
Magnesium	24-2	12364.22	12430.88	12508.38	12434.49	0.58	ppb
Manganese	55-2	250.38	253.49	255.23	253.03	0.97	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:01:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	640.57	636.89	639.99	639.15	0.31	ppb
Molybdenum	95-1	633.98	634.66	636.24	634.96	0.18	ppb
Molybdenum	96-1	640.20	636.88	633.12	636.73	0.56	ppb
Molybdenum	97-1	624.36	617.49	620.25	620.70	0.56	ppb
Molybdenum	98-1	636.63	632.38	639.04	636.02	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.41	131.16	129.53	129.70	1.07	ppb
Phosphorus	31-2	2332.81	2215.46	2597.07	2381.78	8.21	ppb
Potassium	39-2	6400.63	6465.83	6521.84	6462.77	0.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	136.26	81.67	130.41	116.11	25.81	ppb
Selenium	78-2	122.93	121.85	117.24	120.67	2.51	ppb
Selenium	82-1	129.04	127.09	129.32	128.48	0.95	ppb
Silicon	28-1	162.23	159.56	158.21	160.00	1.28	ppb
Silver	109-1	128.01	127.42	129.08	128.17	0.65	ppb
Silver	107-1	128.90	129.04	129.25	129.06	0.14	ppb
Sodium	23-2	12810.99	12996.44	12956.22	12921.22	0.76	ppb
Strontium	86-1	125.20	124.06	123.36	124.21	0.75	ppb
Strontium	88-1	126.58	128.23	128.44	127.75	0.80	ppb
Sulfur	34-1	2687.50	2442.40	2422.85	2517.59	5.86	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	124.46	124.88	123.02	124.12	0.79	ppb
Thallium	205-1	127.66	127.16	126.24	127.02	0.57	ppb
Tin	118-1	127.47	126.26	128.13	127.29	0.75	ppb
Titanium	47-1	629.75	638.13	630.87	632.92	0.72	ppb
Uranium	238-1	127.00	129.35	125.46	127.27	1.54	ppb
Vanadium	51-2	125.46	125.55	126.34	125.79	0.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	257.20	258.13	261.79	259.04	0.94	ppb
Zirconium	90-1	125.94	125.65	127.37	126.32	0.73	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:01:01	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.94	123.23	122.64	123.27	0.53	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:04:27	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4933.10	5016.90	4813.42	4921.14	2.08	ppb
Antimony	121-1	256.06	254.54	253.79	254.80	0.45	ppb
Arsenic	75-2	253.49	256.29	254.27	254.69	0.57	ppb
Barium	135-1	1271.78	1289.52	1272.30	1277.87	0.79	ppb
Barium	137-1	1282.76	1275.31	1275.71	1277.93	0.33	ppb
Beryllium	9-1	253.83	252.68	250.94	252.49	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	246.75	251.84	247.50	248.70	1.11	ppb
Boron	11-1	243.25	245.86	245.94	245.02	0.63	ppb
Cadmium	111-1	251.43	253.43	251.40	252.09	0.46	ppb
Cadmium	106-1	259.56	254.59	251.81	255.32	1.54	ppb
Cadmium	108-1	248.78	253.08	254.25	252.04	1.14	ppb
Calcium	43-1	24933.88	25205.31	24950.91	25030.03	0.61	ppb
Calcium	44-1	25005.12	25384.54	24832.88	25074.18	1.13	ppb
Chromium	52-2	251.29	257.40	250.29	252.99	1.52	ppb
Cobalt	59-2	249.83	256.73	251.96	252.84	1.40	ppb
Copper	63-2	505.79	520.15	510.40	512.11	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12910.58	13221.89	12709.68	12947.39	1.99	ppb
Iron	57-2	12572.43	12997.61	12535.78	12701.94	2.02	ppb
Lead	206-1	250.37	247.28	249.50	249.05	0.64	ppb
Lead	207-1	245.25	245.02	246.05	245.44	0.22	ppb
Lead	208-1	252.24	250.15	251.93	251.44	0.45	ppb
Lithium	6-1						%
Magnesium	24-2	24586.78	25233.10	24692.48	24837.45	1.40	ppb
Manganese	55-2	503.78	516.76	508.88	509.81	1.28	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:04:27	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1262.55	1272.45	1289.69	1274.90	1.08	ppb
Molybdenum	95-1	1259.27	1274.07	1284.94	1272.76	1.01	ppb
Molybdenum	96-1	1273.20	1273.72	1273.48	1273.47	0.02	ppb
Molybdenum	97-1	1267.92	1277.32	1287.45	1277.56	0.76	ppb
Molybdenum	98-1	1249.90	1269.23	1281.81	1266.98	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.73	260.00	255.84	258.19	0.83	ppb
Phosphorus	31-2	4897.17	4524.63	4963.89	4795.23	4.94	ppb
Potassium	39-2	12759.64	13160.78	12669.00	12863.14	2.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	236.52	209.27	291.80	245.86	17.10	ppb
Selenium	78-2	261.29	229.94	224.18	238.47	8.38	ppb
Selenium	82-1	253.61	256.89	256.69	255.73	0.72	ppb
Silicon	28-1	269.40	268.32	269.50	269.07	0.24	ppb
Silver	109-1	254.94	255.65	259.64	256.75	0.99	ppb
Silver	107-1	263.63	254.69	254.88	257.73	1.98	ppb
Sodium	23-2	26154.34	26938.85	25964.00	26352.40	1.96	ppb
Strontium	86-1	246.75	251.92	250.95	249.88	1.10	ppb
Strontium	88-1	251.45	254.77	252.76	252.99	0.66	ppb
Sulfur	34-1	4577.95	4427.62	4349.52	4451.70	2.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	250.16	247.15	248.51	248.61	0.61	ppb
Thallium	205-1	257.79	251.64	255.24	254.89	1.21	ppb
Tin	118-1	253.06	253.61	248.89	251.85	1.02	ppb
Titanium	47-1	1259.00	1268.12	1256.77	1261.29	0.48	ppb
Uranium	238-1	254.08	248.64	252.54	251.75	1.11	ppb
Vanadium	51-2	249.28	257.72	250.03	252.34	1.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	510.03	516.79	507.63	511.48	0.93	ppb
Zirconium	90-1	256.07	256.26	257.51	256.61	0.30	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:04:27	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.38	245.55	248.79	246.91	0.68	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:07:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9914.95	10000.85	9969.87	9961.89	0.44	ppb
Antimony	121-1	511.82	505.68	503.33	506.94	0.86	ppb
Arsenic	75-2	499.84	503.47	509.84	504.38	1.00	ppb
Barium	135-1	2564.21	2541.40	2509.50	2538.37	1.08	ppb
Barium	137-1	2517.66	2504.65	2494.02	2505.45	0.47	ppb
Beryllium	9-1	504.38	499.22	503.03	502.21	0.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	492.92	492.73	503.16	496.27	1.20	ppb
Boron	11-1	497.92	499.46	501.75	499.71	0.39	ppb
Cadmium	111-1	501.84	503.47	497.36	500.89	0.63	ppb
Cadmium	106-1	510.13	504.01	511.43	508.52	0.78	ppb
Cadmium	108-1	511.78	507.11	494.86	504.58	1.73	ppb
Calcium	43-1	50354.86	49004.59	49546.28	49635.25	1.37	ppb
Calcium	44-1	50232.29	49211.54	49813.64	49752.49	1.03	ppb
Chromium	52-2	500.59	504.68	496.96	500.74	0.77	ppb
Cobalt	59-2	495.60	503.39	493.96	497.65	1.01	ppb
Copper	63-2	995.99	1015.72	995.26	1002.32	1.16	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	25383.14	25817.32	25334.48	25511.65	1.04	ppb
Iron	57-2	24634.85	25235.71	24816.04	24895.53	1.24	ppb
Lead	206-1	505.75	498.20	502.92	502.29	0.76	ppb
Lead	207-1	502.00	495.26	499.41	498.89	0.68	ppb
Lead	208-1	505.65	497.35	499.02	500.67	0.88	ppb
Lithium	6-1						%
Magnesium	24-2	50037.48	50908.91	49045.24	49997.21	1.87	ppb
Manganese	55-2	999.27	1015.53	993.20	1002.67	1.15	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:07:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2491.82	2504.61	2501.41	2499.28	0.27	ppb
Molybdenum	95-1	2466.52	2494.68	2488.03	2483.08	0.59	ppb
Molybdenum	96-1	2496.56	2513.79	2497.58	2502.64	0.39	ppb
Molybdenum	97-1	2497.70	2504.64	2499.06	2500.47	0.15	ppb
Molybdenum	98-1	2501.84	2518.94	2497.49	2506.09	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.38	512.26	503.38	506.00	1.08	ppb
Phosphorus	31-2	10566.53	10270.71	9979.29	10272.18	2.86	ppb
Potassium	39-2	25257.92	25691.14	25560.19	25503.08	0.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	504.06	507.36	544.05	518.49	4.28	ppb
Selenium	78-2	478.24	487.08	474.87	480.06	1.31	ppb
Selenium	82-1	503.67	505.15	500.76	503.19	0.44	ppb
Silicon	28-1	532.14	520.82	528.64	527.20	1.10	ppb
Silver	109-1	513.67	506.78	506.75	509.07	0.78	ppb
Silver	107-1	513.16	507.68	506.06	508.97	0.73	ppb
Sodium	23-2	50840.71	52032.60	50644.95	51172.75	1.47	ppb
Strontium	86-1	495.72	492.93	489.46	492.70	0.64	ppb
Strontium	88-1	500.58	493.77	495.65	496.66	0.71	ppb
Sulfur	34-1	9777.68	9406.03	9544.81	9576.17	1.96	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.11	503.39	501.30	503.27	0.38	ppb
Thallium	205-1	503.66	499.08	498.61	500.45	0.56	ppb
Tin	118-1	513.48	512.43	504.53	510.15	0.96	ppb
Titanium	47-1	2571.53	2510.32	2552.68	2544.84	1.23	ppb
Uranium	238-1	501.43	493.07	497.12	497.20	0.84	ppb
Vanadium	51-2	492.88	504.20	496.03	497.70	1.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1000.38	1022.17	1009.06	1010.54	1.09	ppb
Zirconium	90-1	496.67	502.13	499.10	499.30	0.55	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:07:51	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.39	492.44	489.09	490.97	0.35	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:11:09	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19832.43	19825.45	19573.78	19743.89	0.75	ppb
Antimony	121-1	997.49	988.42	998.87	994.93	0.57	ppb
Arsenic	75-2	999.23	988.22	1001.82	996.42	0.72	ppb
Barium	135-1	4987.29	4922.66	5006.95	4972.30	0.89	ppb
Barium	137-1	5009.83	4953.75	4998.84	4987.48	0.60	ppb
Beryllium	9-1	995.53	996.85	1000.49	997.63	0.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	978.73	1001.44	1025.82	1002.00	2.35	ppb
Boron	11-1	981.32	1007.64	1015.91	1001.62	1.80	ppb
Cadmium	111-1	989.36	990.04	1016.32	998.57	1.54	ppb
Cadmium	106-1	985.23	988.39	1006.33	993.32	1.15	ppb
Cadmium	108-1	991.94	994.34	1004.08	996.79	0.64	ppb
Calcium	43-1	99854.20	100830.16	100182.86	100289.08	0.50	ppb
Calcium	44-1	99115.00	99724.48	100035.03	99624.84	0.47	ppb
Chromium	52-2	1001.85	1009.15	984.70	998.57	1.26	ppb
Cobalt	59-2	999.66	1012.40	988.48	1000.18	1.20	ppb
Copper	63-2	2010.13	2001.20	1972.93	1994.75	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50600.93	51347.66	49883.96	50610.85	1.45	ppb
Iron	57-2	49726.39	50911.81	49317.88	49985.36	1.66	ppb
Lead	206-1	992.71	996.03	1008.95	999.23	0.86	ppb
Lead	207-1	999.90	995.93	1010.31	1002.05	0.74	ppb
Lead	208-1	999.39	995.03	1004.09	999.50	0.45	ppb
Lithium	6-1						%
Magnesium	24-2	98668.44	100194.67	97352.23	98738.44	1.44	ppb
Manganese	55-2	1990.90	2024.68	1971.34	1995.64	1.35	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:11:09	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4968.59	4987.69	5019.83	4992.03	0.52	ppb
Molybdenum	95-1	4956.82	5000.44	5046.77	5001.34	0.90	ppb
Molybdenum	96-1	4966.53	4999.43	5007.54	4991.16	0.44	ppb
Molybdenum	97-1	4966.45	4994.41	5018.97	4993.28	0.53	ppb
Molybdenum	98-1	4978.50	4998.58	4996.03	4991.04	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	999.36	1004.43	978.84	994.21	1.36	ppb
Phosphorus	31-2	19840.55	20593.91	19361.42	19931.96	3.12	ppb
Potassium	39-2	50867.20	51253.97	49783.16	50634.78	1.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1054.39	977.03	947.51	992.97	5.56	ppb
Selenium	78-2	1008.57	988.52	1043.16	1013.41	2.73	ppb
Selenium	82-1	989.92	999.90	999.49	996.44	0.57	ppb
Silicon	28-1	979.42	967.79	982.00	976.41	0.78	ppb
Silver	109-1	991.24	983.46	1005.10	993.27	1.10	ppb
Silver	107-1	992.34	988.48	998.06	992.96	0.49	ppb
Sodium	23-2	100256.04	102732.64	99752.08	100913.59	1.58	ppb
Strontium	86-1	994.41	1012.84	1004.09	1003.78	0.92	ppb
Strontium	88-1	993.75	1003.96	1003.81	1000.51	0.59	ppb
Sulfur	34-1	20081.97	20387.52	20602.92	20357.47	1.29	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	994.05	994.20	1008.20	998.82	0.81	ppb
Thallium	205-1	997.80	990.48	1006.50	998.26	0.80	ppb
Tin	118-1	1002.71	980.96	998.68	994.11	1.16	ppb
Titanium	47-1	4941.64	4954.48	5024.96	4973.70	0.90	ppb
Uranium	238-1	997.97	1000.48	1003.64	1000.70	0.28	ppb
Vanadium	51-2	1002.83	1011.69	986.75	1000.42	1.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1994.52	2009.30	1967.69	1990.51	1.06	ppb
Zirconium	90-1	989.41	1006.20	999.81	998.47	0.85	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:11:09	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1004.39	1007.45	1004.68	1005.51	0.17	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:14:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99334.64	99780.66	101058.55	100057.95	0.89	ppb
Antimony	121-1	0.99	1.08	1.05	1.04	4.51	ppb
Arsenic	75-2	0.53	0.32	0.16	0.34	54.83	ppb
Barium	135-1	1.36	1.27	1.23	1.29	4.77	ppb
Barium	137-1	1.27	1.29	1.32	1.29	1.86	ppb
Beryllium	9-1	0.60	0.55	0.53	0.56	6.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	36.12	38.03	35.47	36.54	3.64	ppb
Boron	11-1	40.32	36.80	34.68	37.27	7.63	ppb
Cadmium	111-1	0.22	0.18	0.11	0.17	32.89	ppb
Cadmium	106-1	1.55	1.08	0.13	0.92	79.19	ppb
Cadmium	108-1	0.14	0.24	0.21	0.20	27.57	ppb
Calcium	43-1	505493.52	501007.38	493431.66	499977.52	1.22	ppb
Calcium	44-1	502257.58	499378.26	498633.29	500089.71	0.38	ppb
Chromium	52-2	8.84	9.02	9.03	8.96	1.14	ppb
Cobalt	59-2	1.05	0.98	1.04	1.02	3.76	ppb
Copper	63-2	2.22	2.19	2.25	2.22	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	247616.24	249990.37	251781.03	249795.88	0.84	ppb
Iron	57-2	247687.32	249325.38	252988.01	250000.24	1.09	ppb
Lead	206-1	1.87	1.80	1.83	1.84	1.88	ppb
Lead	207-1	1.74	1.64	1.60	1.66	4.41	ppb
Lead	208-1	1.78	1.75	1.70	1.75	2.29	ppb
Lithium	6-1						%
Magnesium	24-2	496644.27	498741.60	505399.10	500261.66	0.91	ppb
Manganese	55-2	5.31	4.66	5.17	5.05	6.83	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:14:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.90	1.98	1.83	1.90	3.92	ppb
Molybdenum	95-1	2.31	2.37	2.35	2.35	1.30	ppb
Molybdenum	96-1	2.61	2.63	2.58	2.60	0.96	ppb
Molybdenum	97-1	2.27	2.22	2.30	2.26	1.94	ppb
Molybdenum	98-1	2.15	2.07	2.18	2.13	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.26	6.05	6.12	6.14	1.74	ppb
Phosphorus	31-2	-21.26	67.84	23.69	23.42	190.20	ppb
Potassium	39-2	248295.89	248070.54	253026.61	249797.68	1.12	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	0.58	-0.25	0.58	0.30	160.11	ppb
Selenium	82-1	0.72	0.66	0.90	0.76	16.71	ppb
Silicon	28-1	33.98	32.78	31.62	32.79	3.60	ppb
Silver	109-1	0.07	0.06	0.09	0.07	16.21	ppb
Silver	107-1	0.06	0.07	0.07	0.07	9.55	ppb
Sodium	23-2	495380.33	499912.91	503564.28	499619.17	0.82	ppb
Strontium	86-1	33.00	32.94	32.71	32.88	0.47	ppb
Strontium	88-1	33.19	33.35	33.32	33.29	0.25	ppb
Sulfur	34-1	-1212.79	-1156.41	-1333.00	-1234.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.42	0.47	0.46	0.45	6.75	ppb
Thallium	205-1	0.49	0.43	0.43	0.45	7.79	ppb
Tin	118-1	0.96	1.05	0.96	0.99	5.40	ppb
Titanium	47-1	0.86	0.87	0.76	0.83	7.12	ppb
Uranium	238-1	0.07	0.06	0.06	0.07	7.99	ppb
Vanadium	51-2	0.15	0.19	0.17	0.17	13.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.07	7.12	6.58	6.59	7.97	ppb
Zirconium	90-1	0.17	0.16	0.14	0.16	9.74	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:14:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.20	0.15	0.17	12.24	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	500.77	506.34	527.15	511.42	2.72	ppb
Antimony	121-1	193.10	194.11	191.34	192.85	0.73	ppb
Arsenic	75-2	193.52	194.01	199.58	195.70	1.72	ppb
Barium	135-1	98.46	97.85	98.11	98.14	0.31	ppb
Barium	137-1	98.70	97.45	98.65	98.27	0.72	ppb
Beryllium	9-1	94.84	93.80	95.55	94.73	0.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	455.68	471.73	470.32	465.91	1.91	ppb
Boron	11-1	460.93	465.83	471.94	466.24	1.18	ppb
Cadmium	111-1	100.61	100.95	101.36	100.97	0.37	ppb
Cadmium	106-1	160.05	167.73	165.10	164.30	2.38	ppb
Cadmium	108-1	131.66	132.53	128.70	130.96	1.53	ppb
Calcium	43-1	2110.56	2126.19	2115.98	2117.58	0.37	ppb
Calcium	44-1	2087.64	2059.96	2074.09	2073.90	0.67	ppb
Chromium	52-2	97.38	94.26	95.10	95.58	1.69	ppb
Cobalt	59-2	99.04	96.53	97.35	97.64	1.31	ppb
Copper	63-2	100.45	99.34	98.74	99.51	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1006.49	987.85	998.82	997.72	0.94	ppb
Iron	57-2	976.58	997.67	980.42	984.89	1.14	ppb
Lead	206-1	196.92	192.25	194.84	194.67	1.20	ppb
Lead	207-1	186.99	182.91	186.26	185.39	1.17	ppb
Lead	208-1	195.98	191.67	192.69	193.45	1.16	ppb
Lithium	6-1						%
Magnesium	24-2	1170.06	1149.27	1147.44	1155.59	1.09	ppb
Manganese	55-2	97.01	96.46	96.61	96.69	0.29	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1162.03	1150.95	1148.60	1153.86	0.62	ppb
Molybdenum	95-1	502.11	509.96	498.74	503.60	1.14	ppb
Molybdenum	96-1	580.40	590.26	586.44	585.70	0.85	ppb
Molybdenum	97-1	486.67	489.55	488.28	488.17	0.30	ppb
Molybdenum	98-1	503.75	509.65	501.52	504.97	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.16	100.02	100.53	100.90	1.11	ppb
Phosphorus	31-2	21.60	-0.23	-0.03	7.11	176.36	ppb
Potassium	39-2	2085.41	1995.71	2001.78	2027.63	2.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	182.09	203.72	165.75	183.85	10.36	ppb
Selenium	78-2	184.36	179.63	188.18	184.06	2.33	ppb
Selenium	82-1	199.83	201.31	197.24	199.46	1.03	ppb
Silicon	28-1	503.22	495.52	498.82	499.19	0.77	ppb
Silver	109-1	97.54	97.08	98.24	97.62	0.59	ppb
Silver	107-1	99.98	98.82	98.98	99.26	0.64	ppb
Sodium	23-2	2058.71	2012.20	2022.68	2031.20	1.20	ppb
Strontium	86-1	490.53	494.26	483.64	489.48	1.10	ppb
Strontium	88-1	490.31	497.92	489.59	492.61	0.94	ppb
Sulfur	34-1	-1189.95	-1595.83	-1313.62	-1366.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	196.89	193.19	196.99	195.69	1.11	ppb
Thallium	205-1	205.83	199.80	203.22	202.95	1.49	ppb
Tin	118-1	509.12	506.73	500.15	505.34	0.92	ppb
Titanium	47-1	501.16	500.90	497.98	500.01	0.35	ppb
Uranium	238-1	505.15	492.03	500.64	499.27	1.33	ppb
Vanadium	51-2	97.34	94.70	95.44	95.83	1.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	204.78	200.11	201.64	202.18	1.18	ppb
Zirconium	90-1	513.08	519.84	514.86	515.92	0.68	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.59	503.37	503.71	503.89	0.13	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:21:43	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.94	1.61	6.10	3.55	64.97	ppb
Antimony	121-1	0.14	0.14	0.16	0.14	8.72	ppb
Arsenic	75-2	-0.01	0.07	-0.05	0.01	862.12	ppb
Barium	135-1	0.00	0.02	0.00	0.00	318.15	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	947.09	ppb
Beryllium	9-1	0.32	0.25	0.15	0.24	35.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.52	19.57	21.09	21.73	11.69	ppb
Boron	11-1	23.13	21.00	20.15	21.42	7.16	ppb
Cadmium	111-1	0.05	0.08	-0.04	0.03	230.05	ppb
Cadmium	106-1	0.32	1.15	-0.39	0.36	212.19	ppb
Cadmium	108-1	0.04	0.04	0.18	0.08	94.64	ppb
Calcium	43-1	8.35	-8.53	-12.81	-4.33		ppb
Calcium	44-1	-1.07	-1.07	-4.86	-2.33		ppb
Chromium	52-2	-0.05	0.03	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	351.29	ppb
Copper	63-2	0.01	0.05	0.02	0.03	68.79	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	2.82	2.84	2.64	2.77	4.06	ppb
Iron	57-2	5.06	2.58	3.90	3.85	32.27	ppb
Lead	206-1	0.11	0.08	0.08	0.09	19.07	ppb
Lead	207-1	0.08	0.08	0.05	0.07	27.69	ppb
Lead	208-1	0.09	0.06	0.07	0.07	18.36	ppb
Lithium	6-1						%
Magnesium	24-2	2.32	5.85	0.16	2.78	103.53	ppb
Manganese	55-2	-0.05	0.09	-0.01	0.01	780.53	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:21:43	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.08	0.07	18.00	ppb
Molybdenum	95-1	0.05	0.07	0.09	0.07	26.42	ppb
Molybdenum	96-1	0.09	0.07	0.10	0.08	19.32	ppb
Molybdenum	97-1	0.09	0.10	0.08	0.09	11.13	ppb
Molybdenum	98-1	0.07	0.09	0.10	0.09	18.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.10	-0.10	-0.09		ppb
Phosphorus	31-2	-21.26	0.96	-21.26	-13.85		ppb
Potassium	39-2	28.68	42.74	32.10	34.51	21.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.11	0.00	0.00	1.70	173.21	ppb
Selenium	78-2	0.58	1.39	0.54	0.84	57.46	ppb
Selenium	82-1	0.40	-0.35	0.56	0.21	236.59	ppb
Silicon	28-1	2.83	-1.68	-7.81	-2.22		ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.07	ppb
Silver	107-1	0.00	0.00	0.01	0.00	183.56	ppb
Sodium	23-2	31.78	40.08	42.42	38.09	14.68	ppb
Strontium	86-1	0.08	-0.06	0.01	0.01	714.13	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	41.84	ppb
Sulfur	34-1	-207.09	-777.30	-1197.01	-727.13		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.09	0.08	0.09	12.32	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	8.56	ppb
Tin	118-1	0.05	0.06	0.04	0.05	24.98	ppb
Titanium	47-1	0.01	0.03	0.06	0.04	70.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	167.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.20	0.19	0.15	49.66	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	16.95	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:21:43	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.01	0.02	52.86	ppb

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 17:24:55 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91668.79	89181.24	92429.15	91093.06	1.86	ppb
Antimony	121-1	1.08	1.12	1.16	1.12	3.78	ppb
Arsenic	75-2	0.18	0.27	0.36	0.27	34.04	ppb
Barium	135-1	1.48	1.57	1.70	1.58	7.09	ppb
Barium	137-1	1.62	1.45	1.59	1.55	5.87	ppb
Beryllium	9-1	0.48	0.43	0.47	0.46	5.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.16	17.62	16.05	17.28	6.32	ppb
Boron	11-1	16.08	15.10	13.56	14.91	8.52	ppb
Cadmium	111-1	0.40	0.39	0.54	0.44	17.84	ppb
Cadmium	106-1	0.81	0.41	1.32	0.85	53.94	ppb
Cadmium	108-1	7.83	7.82	7.01	7.55	6.24	ppb
Calcium	43-1	99318.40	100651.64	99570.90	99846.98	0.71	ppb
Calcium	44-1	98294.83	99156.22	97025.90	98158.99	1.09	ppb
Chromium	52-2	19.50	19.04	19.78	19.44	1.94	ppb
Cobalt	59-2	1.15	1.10	1.10	1.12	2.40	ppb
Copper	63-2	7.58	7.55	8.03	7.72	3.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98284.85	95857.42	100161.64	98101.30	2.20	ppb
Iron	57-2	96392.75	94430.03	98690.13	96504.31	2.21	ppb
Lead	206-1	5.27	5.01	5.05	5.11	2.68	ppb
Lead	207-1	4.61	4.33	4.36	4.44	3.44	ppb
Lead	208-1	4.83	4.66	4.67	4.72	2.08	ppb
Lithium	6-1						%
Magnesium	24-2	96232.68	94221.00	100767.94	97073.88	3.45	ppb
Manganese	55-2	7.71	7.63	8.21	7.85	3.99	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:24:55	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1378.61	1348.36	1351.11	1359.36	1.23	ppb
Molybdenum	95-1	1944.43	1932.20	1921.46	1932.70	0.59	ppb
Molybdenum	96-1	1910.16	1861.41	1853.77	1875.11	1.63	ppb
Molybdenum	97-1	1986.30	1939.73	1944.06	1956.70	1.32	ppb
Molybdenum	98-1	1947.38	1928.67	1934.19	1936.75	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.28	4.92	5.18	5.13	3.65	ppb
Phosphorus	31-2	97147.57	92006.94	97302.47	95485.66	3.16	ppb
Potassium	39-2	102256.73	99095.75	102985.19	101445.89	2.04	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	0.55	1.36	1.39	1.10	43.20	ppb
Selenium	82-1	0.27	0.45	-0.24	0.16	225.95	ppb
Silicon	28-1	43.05	45.60	41.18	43.28	5.13	ppb
Silver	109-1	0.08	0.11	0.10	0.10	16.97	ppb
Silver	107-1	0.07	0.11	0.08	0.09	21.52	ppb
Sodium	23-2	100447.09	97504.17	103028.94	100326.73	2.76	ppb
Strontium	86-1	34.14	33.14	33.28	33.52	1.61	ppb
Strontium	88-1	34.30	33.92	33.63	33.95	0.99	ppb
Sulfur	34-1	87289.25	87796.40	83784.76	86290.13	2.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.19	0.17	0.21	0.19	9.60	ppb
Thallium	205-1	0.21	0.22	0.23	0.22	4.85	ppb
Tin	118-1	0.24	0.22	0.23	0.23	4.69	ppb
Titanium	47-1	2007.19	2041.88	1963.55	2004.21	1.96	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	14.19	ppb
Vanadium	51-2	0.15	0.18	0.14	0.16	12.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.18	12.13	13.26	12.19	8.55	ppb
Zirconium	90-1	0.04	0.05	0.07	0.05	27.15	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:24:55	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.09	0.07	23.11	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:28:03	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90408.19	92738.38	91287.77	91478.11	1.29	ppb
Antimony	121-1	20.83	20.51	20.80	20.71	0.85	ppb
Arsenic	75-2	20.05	20.10	20.79	20.31	2.05	ppb
Barium	135-1	21.89	21.62	22.00	21.84	0.91	ppb
Barium	137-1	21.91	21.34	22.20	21.81	2.01	ppb
Beryllium	9-1	20.77	21.56	20.31	20.88	3.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	68.74	69.14	63.84	67.24	4.39	ppb
Boron	11-1	69.15	67.07	65.03	67.08	3.07	ppb
Cadmium	111-1	20.11	20.09	20.34	20.18	0.68	ppb
Cadmium	106-1	25.10	24.42	26.20	25.24	3.57	ppb
Cadmium	108-1	31.15	31.32	29.45	30.64	3.38	ppb
Calcium	43-1	98590.44	101456.81	101116.38	100387.88	1.56	ppb
Calcium	44-1	98796.86	99948.09	99577.44	99440.80	0.59	ppb
Chromium	52-2	39.49	39.28	39.51	39.43	0.32	ppb
Cobalt	59-2	20.71	20.72	20.64	20.69	0.22	ppb
Copper	63-2	27.13	28.17	27.46	27.59	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98493.45	100079.80	98157.61	98910.29	1.04	ppb
Iron	57-2	96551.57	97823.50	96834.34	97069.81	0.69	ppb
Lead	206-1	25.56	25.45	24.93	25.31	1.34	ppb
Lead	207-1	23.35	23.00	22.84	23.06	1.13	ppb
Lead	208-1	24.33	24.08	23.85	24.09	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	96210.96	98985.97	97252.93	97483.29	1.44	ppb
Manganese	55-2	26.03	27.57	27.80	27.14	3.54	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:28:03	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1485.07	1472.87	1521.04	1492.99	1.68	ppb
Molybdenum	95-1	2003.19	1977.16	2036.44	2005.60	1.48	ppb
Molybdenum	96-1	1949.96	1923.53	1974.63	1949.37	1.31	ppb
Molybdenum	97-1	2038.01	1991.30	2026.72	2018.68	1.21	ppb
Molybdenum	98-1	2026.00	1968.31	2010.35	2001.55	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.25	25.34	26.03	25.54	1.66	ppb
Phosphorus	31-2	95336.22	98299.39	95000.36	96211.99	1.89	ppb
Potassium	39-2	101862.13	103071.87	102238.50	102390.83	0.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	35.51	10.04	25.59	23.72	54.13	ppb
Selenium	78-2	24.68	16.18	21.54	20.80	20.67	ppb
Selenium	82-1	21.66	19.51	20.66	20.61	5.24	ppb
Silicon	28-1	111.33	114.17	116.02	113.84	2.08	ppb
Silver	109-1	18.87	18.77	19.05	18.90	0.73	ppb
Silver	107-1	19.29	19.10	19.25	19.21	0.51	ppb
Sodium	23-2	100623.75	102097.85	100551.41	101091.01	0.86	ppb
Strontium	86-1	88.60	87.22	87.86	87.89	0.79	ppb
Strontium	88-1	90.50	89.60	90.85	90.32	0.71	ppb
Sulfur	34-1	86079.05	88362.28	87529.08	87323.47	1.32	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.49	20.11	20.06	20.22	1.17	ppb
Thallium	205-1	21.11	20.88	20.46	20.82	1.58	ppb
Tin	118-1	54.69	54.66	54.28	54.54	0.42	ppb
Titanium	47-1	2043.67	2076.28	2111.48	2077.15	1.63	ppb
Uranium	238-1	53.91	54.16	53.93	54.00	0.26	ppb
Vanadium	51-2	19.60	20.32	19.65	19.85	2.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.41	31.79	31.48	31.56	0.65	ppb
Zirconium	90-1	57.74	57.33	57.86	57.64	0.48	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:28:03	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	56.24	55.81	57.12	56.39	1.19	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:31:10	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49074.23	49314.28	49535.11	49307.87	0.47	ppb
Antimony	121-1	503.58	512.11	510.49	508.72	0.89	ppb
Arsenic	75-2	504.93	497.86	503.63	502.14	0.75	ppb
Barium	135-1	2526.46	2586.46	2572.13	2561.68	1.22	ppb
Barium	137-1	2509.58	2523.24	2550.45	2527.76	0.82	ppb
Beryllium	9-1	511.01	508.18	508.55	509.25	0.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	490.51	503.60	504.89	499.67	1.59	ppb
Boron	11-1	494.30	508.02	515.17	505.83	2.10	ppb
Cadmium	111-1	488.00	491.15	489.71	489.62	0.32	ppb
Cadmium	106-1	496.57	501.53	506.10	501.40	0.95	ppb
Cadmium	108-1	482.48	493.73	494.45	490.22	1.37	ppb
Calcium	43-1	253108.60	250739.29	247056.11	250301.33	1.22	ppb
Calcium	44-1	252960.82	247915.39	245878.51	248918.24	1.46	ppb
Chromium	52-2	494.40	498.47	503.49	498.79	0.91	ppb
Cobalt	59-2	481.24	480.41	484.21	481.95	0.41	ppb
Copper	63-2	952.22	952.82	961.21	955.42	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122123.09	121961.15	123141.86	122408.70	0.52	ppb
Iron	57-2	121509.71	123941.86	124802.30	123417.96	1.38	ppb
Lead	206-1	510.95	517.71	517.22	515.29	0.73	ppb
Lead	207-1	512.98	517.50	516.52	515.67	0.46	ppb
Lead	208-1	510.80	516.53	517.25	514.86	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	241376.54	241897.97	239406.21	240893.57	0.55	ppb
Manganese	55-2	986.70	997.18	1003.28	995.72	0.84	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:31:10	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2531.82	2536.81	2545.00	2537.88	0.26	ppb
Molybdenum	95-1	2521.47	2530.87	2540.52	2530.95	0.38	ppb
Molybdenum	96-1	2557.58	2542.86	2527.95	2542.79	0.58	ppb
Molybdenum	97-1	2553.55	2571.86	2554.49	2559.97	0.40	ppb
Molybdenum	98-1	2544.76	2570.19	2562.76	2559.24	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.73	486.73	490.81	487.76	0.55	ppb
Phosphorus	31-2	9161.10	10053.57	10356.12	9856.93	6.30	ppb
Potassium	39-2	127339.03	128729.64	129457.46	128508.71	0.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	480.80	511.59	461.28	484.56	5.23	ppb
Selenium	78-2	501.74	496.01	480.92	492.89	2.18	ppb
Selenium	82-1	507.44	505.07	502.47	504.99	0.49	ppb
Silicon	28-1	542.09	540.15	526.04	536.09	1.63	ppb
Silver	109-1	497.91	501.28	501.02	500.07	0.37	ppb
Silver	107-1	492.16	499.36	502.32	497.95	1.05	ppb
Sodium	23-2	245170.08	244278.15	247787.86	245745.36	0.74	ppb
Strontium	86-1	512.74	510.42	511.20	511.45	0.23	ppb
Strontium	88-1	516.22	518.48	517.87	517.52	0.23	ppb
Sulfur	34-1	10684.18	10090.93	9884.70	10219.94	4.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	519.75	523.29	518.67	520.57	0.46	ppb
Thallium	205-1	513.17	515.10	518.63	515.63	0.54	ppb
Tin	118-1	506.68	513.40	515.96	512.01	0.94	ppb
Titanium	47-1	2592.36	2561.11	2554.85	2569.44	0.78	ppb
Uranium	238-1	520.56	524.95	515.54	520.35	0.91	ppb
Vanadium	51-2	495.76	495.85	500.95	497.52	0.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	976.69	979.08	975.28	977.02	0.20	ppb
Zirconium	90-1	513.17	512.58	515.62	513.79	0.31	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:31:10	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.67	499.16	499.32	498.72	0.18	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:34:12	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.85	0.00	4.46	2.44	92.68	ppb
Antimony	121-1	0.20	0.18	0.24	0.21	14.17	ppb
Arsenic	75-2	-0.01	0.01	0.03	0.01	158.91	ppb
Barium	135-1	0.01	0.03	0.03	0.02	59.28	ppb
Barium	137-1	0.03	-0.01	0.03	0.02	118.48	ppb
Beryllium	9-1	0.23	0.28	0.29	0.26	12.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.71	17.59	16.66	18.99	17.16	ppb
Boron	11-1	17.72	16.93	15.78	16.81	5.81	ppb
Cadmium	111-1	0.11	0.02	0.08	0.07	63.30	ppb
Cadmium	106-1	1.33	0.00	1.03	0.79	88.70	ppb
Cadmium	108-1	0.04	0.04	0.03	0.04	4.27	ppb
Calcium	43-1	-5.90	-10.06	-2.82	-6.26		ppb
Calcium	44-1	1.36	3.48	1.87	2.23	49.54	ppb
Chromium	52-2	0.03	-0.03	-0.02	-0.01		ppb
Cobalt	59-2	0.02	0.00	0.02	0.01	71.73	ppb
Copper	63-2	0.03	0.05	0.06	0.05	28.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.07	6.12	5.84	5.67	9.54	ppb
Iron	57-2	10.19	5.04	2.88	6.04	62.27	ppb
Lead	206-1	0.14	0.15	0.15	0.15	2.14	ppb
Lead	207-1	0.13	0.12	0.13	0.13	3.46	ppb
Lead	208-1	0.15	0.14	0.16	0.15	7.15	ppb
Lithium	6-1						%
Magnesium	24-2	1.78	1.04	2.44	1.75	39.88	ppb
Manganese	55-2	0.03	0.00	0.00	0.01	167.75	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:34:12	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.17	0.12	0.15	18.93	ppb
Molybdenum	95-1	0.28	0.24	0.26	0.26	8.29	ppb
Molybdenum	96-1	0.24	0.19	0.25	0.23	14.05	ppb
Molybdenum	97-1	0.25	0.21	0.20	0.22	12.52	ppb
Molybdenum	98-1	0.24	0.24	0.22	0.23	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.10	-0.16	-0.14		ppb
Phosphorus	31-2	-21.26	-0.15	21.55	0.05	45494.93	ppb
Potassium	39-2	35.77	20.93	27.79	28.16	26.37	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	-1.10	-1.10	-0.27	-0.82		ppb
Selenium	82-1	0.38	0.34	-0.02	0.23	95.25	ppb
Silicon	28-1	-1.09	-0.55	-3.40	-1.68		ppb
Silver	109-1	0.03	0.02	0.03	0.03	32.06	ppb
Silver	107-1	0.02	0.03	0.03	0.03	35.64	ppb
Sodium	23-2	17.43	32.33	36.92	28.89	35.27	ppb
Strontium	86-1	-0.02	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	37.17	ppb
Sulfur	34-1	-1041.72	-592.37	-1049.05	-894.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.16	0.20	0.19	0.19	11.50	ppb
Thallium	205-1	0.21	0.19	0.18	0.20	7.66	ppb
Tin	118-1	0.04	0.01	0.05	0.04	60.73	ppb
Titanium	47-1	0.05	0.13	0.13	0.10	42.30	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	129.79	ppb
Vanadium	51-2	0.02	0.02	0.00	0.01	104.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	-0.15	-0.04	-0.04		ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	30.97	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:34:12	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.05	0.04	0.03	61.13	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:37:23	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.82	19.81	10.25	14.96	31.98	ppb
Antimony	121-1	1.86	1.92	1.84	1.87	2.06	ppb
Arsenic	75-2	1.09	1.03	1.15	1.09	5.54	ppb
Barium	135-1	9.06	8.96	8.86	8.96	1.09	ppb
Barium	137-1	8.85	8.81	9.17	8.94	2.15	ppb
Beryllium	9-1	1.15	1.01	1.08	1.08	6.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.46	30.05	29.78	29.10	4.89	ppb
Boron	11-1	27.67	29.05	29.37	28.70	3.15	ppb
Cadmium	111-1	0.94	0.96	0.92	0.94	2.55	ppb
Cadmium	106-1	2.40	1.51	1.28	1.73	34.19	ppb
Cadmium	108-1	1.20	0.97	0.34	0.84	52.88	ppb
Calcium	43-1	446.05	461.76	483.89	463.90	4.10	ppb
Calcium	44-1	469.62	469.76	459.88	466.42	1.21	ppb
Chromium	52-2	2.07	1.89	1.98	1.98	4.60	ppb
Cobalt	59-2	0.91	0.93	0.98	0.94	3.99	ppb
Copper	63-2	2.02	1.93	1.97	1.97	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	52.34	50.00	52.11	51.48	2.50	ppb
Iron	57-2	59.64	51.91	54.51	55.35	7.11	ppb
Lead	206-1	1.10	1.05	1.00	1.05	4.45	ppb
Lead	207-1	1.02	1.00	0.93	0.99	4.74	ppb
Lead	208-1	1.07	1.03	1.00	1.03	3.18	ppb
Lithium	6-1						%
Magnesium	24-2	450.49	442.99	454.72	449.40	1.32	ppb
Manganese	55-2	1.38	1.02	0.83	1.08	25.64	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:37:23	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.43	4.77	4.73	4.65	3.96	ppb
Molybdenum	95-1	4.29	4.53	4.41	4.41	2.70	ppb
Molybdenum	96-1	4.61	4.57	4.57	4.59	0.45	ppb
Molybdenum	97-1	4.24	4.43	4.35	4.34	2.23	ppb
Molybdenum	98-1	4.54	4.69	4.61	4.61	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.99	0.82	0.96	13.07	ppb
Phosphorus	31-2	-21.26	-21.26	-21.26	-21.26		ppb
Potassium	39-2	484.63	480.25	506.39	490.42	2.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.98	0.00	1.66	173.21	ppb
Selenium	78-2	7.04	3.80	2.12	4.32	57.87	ppb
Selenium	82-1	5.66	4.75	4.49	4.97	12.38	ppb
Silicon	28-1	11.20	12.70	9.54	11.15	14.18	ppb
Silver	109-1	1.00	0.96	0.85	0.93	8.27	ppb
Silver	107-1	0.95	0.94	0.91	0.93	2.33	ppb
Sodium	23-2	499.77	468.42	474.83	481.01	3.44	ppb
Strontium	86-1	0.91	0.80	0.98	0.90	10.05	ppb
Strontium	88-1	0.98	0.97	0.99	0.98	0.85	ppb
Sulfur	34-1	-907.17	-684.20	-876.59	-822.65		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.98	0.91	0.98	0.96	4.56	ppb
Thallium	205-1	1.02	1.02	1.00	1.02	1.16	ppb
Tin	118-1	4.32	4.48	4.62	4.47	3.36	ppb
Titanium	47-1	4.70	4.50	4.40	4.54	3.33	ppb
Uranium	238-1	0.85	0.82	0.86	0.85	2.71	ppb
Vanadium	51-2	4.62	4.46	4.89	4.65	4.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.17	2.51	2.22	2.30	8.06	ppb
Zirconium	90-1	0.95	0.96	1.01	0.98	3.52	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:37:23	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	1.03	0.96	1.00	3.64	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	PB105578BL	Instrumnet Name :	P8
Client Sample ID :	PB105578BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:40:34	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.38	-1.46	-1.46	0.48	694.91	ppb
Antimony	121-1	0.03	0.04	0.04	0.03	15.93	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	-0.01	0.01	-0.01	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.10	0.07	0.12	0.09	26.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.20	5.18	4.63	5.67	23.88	ppb
Boron	11-1	5.82	5.59	5.78	5.73	2.17	ppb
Cadmium	111-1	-0.02	0.01	0.00	0.00		ppb
Cadmium	106-1	-0.20	0.15	-0.10	-0.05		ppb
Cadmium	108-1	-0.04	0.03	0.00	0.00		ppb
Calcium	43-1	-4.61	-12.02	-7.99	-8.21		ppb
Calcium	44-1	-3.26	-0.63	1.21	-0.89		ppb
Chromium	52-2	-0.03	0.07	0.02	0.02	246.97	ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.01	0.01	-0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.37	2.26	2.78	2.80	19.71	ppb
Iron	57-2	6.81	4.60	5.07	5.49	21.25	ppb
Lead	206-1	0.08	0.07	0.07	0.07	4.92	ppb
Lead	207-1	0.08	0.09	0.07	0.08	14.43	ppb
Lead	208-1	0.07	0.08	0.07	0.07	4.14	ppb
Lithium	6-1						%
Magnesium	24-2	1.34	1.05	3.57	1.99	69.41	ppb
Manganese	55-2	0.03	0.06	-0.02	0.03	151.45	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	PB105578BL	Instrumnet Name :	P8
Client Sample ID :	PB105578BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:40:34	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.03	0.02	44.82	ppb
Molybdenum	95-1	0.01	0.04	0.05	0.03	70.45	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	23.70	ppb
Molybdenum	97-1	0.02	0.05	0.03	0.03	41.81	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	28.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.19	-0.07	-0.10		ppb
Phosphorus	31-2	20.97	-21.26	-21.26	-7.18		ppb
Potassium	39-2	15.93	29.20	16.24	20.46	37.02	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	-1.10	-0.28	-1.10	-0.82		ppb
Selenium	82-1	0.17	0.28	0.32	0.26	29.73	ppb
Silicon	28-1	-5.90	-5.87	-7.39	-6.39		ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.92	ppb
Silver	107-1	0.01	0.01	0.00	0.01	58.29	ppb
Sodium	23-2	11.53	4.83	9.09	8.48	40.01	ppb
Strontium	86-1	0.01	-0.03	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-866.95	-591.09	-531.25	-663.10		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.10	0.09	0.09	15.27	ppb
Thallium	205-1	0.08	0.07	0.08	0.08	6.71	ppb
Tin	118-1	-0.02	-0.03	-0.02	-0.02		ppb
Titanium	47-1	-0.03	0.08	-0.04	0.00	1385.49	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.00	0.00	260.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.07	-0.26	-0.02	-0.12		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	197.04	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	PB105578BL	Instrumnet Name :	P8
Client Sample ID :	PB105578BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:40:34	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.04	0.02	115.06	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	PB105578BS	Instrumnet Name :	P8
Client Sample ID :	PB105578BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:43:47	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9368.30	9872.52	9589.02	9609.95	2.63	ppb
Antimony	121-1	505.75	514.36	497.41	505.84	1.68	ppb
Arsenic	75-2	492.13	493.91	495.66	493.90	0.36	ppb
Barium	135-1	2484.71	2531.96	2503.79	2506.82	0.95	ppb
Barium	137-1	2492.90	2510.32	2495.31	2499.51	0.38	ppb
Beryllium	9-1	495.75	494.81	484.85	491.81	1.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	476.88	492.84	491.88	487.20	1.84	ppb
Boron	11-1	467.77	487.53	489.49	481.59	2.49	ppb
Cadmium	111-1	493.47	501.02	492.49	495.66	0.94	ppb
Cadmium	106-1	493.84	504.77	506.51	501.71	1.37	ppb
Cadmium	108-1	501.04	508.78	485.89	498.57	2.34	ppb
Calcium	43-1	49594.83	49443.78	48895.25	49311.29	0.75	ppb
Calcium	44-1	49985.85	49053.03	48968.76	49335.88	1.14	ppb
Chromium	52-2	481.54	500.09	487.21	489.61	1.94	ppb
Cobalt	59-2	478.31	495.70	483.83	485.94	1.83	ppb
Copper	63-2	967.98	999.97	973.91	980.62	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24660.02	25528.70	24909.45	25032.72	1.79	ppb
Iron	57-2	24114.59	25127.33	24435.01	24558.97	2.11	ppb
Lead	206-1	498.77	496.80	493.08	496.22	0.58	ppb
Lead	207-1	499.97	499.15	490.13	496.42	1.10	ppb
Lead	208-1	496.87	499.54	491.41	495.94	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	48780.02	50574.81	48699.41	49351.41	2.15	ppb
Manganese	55-2	965.27	1012.14	980.43	985.95	2.43	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	PB105578BS	Instrumnet Name :	P8
Client Sample ID :	PB105578BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:43:47	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2475.13	2545.48	2469.56	2496.72	1.69	ppb
Molybdenum	95-1	2466.42	2499.24	2474.64	2480.10	0.69	ppb
Molybdenum	96-1	2498.69	2527.57	2481.14	2502.47	0.94	ppb
Molybdenum	97-1	2482.26	2527.71	2484.97	2498.31	1.02	ppb
Molybdenum	98-1	2473.60	2534.36	2452.64	2486.87	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.20	506.63	487.27	493.70	2.27	ppb
Phosphorus	31-2	10390.30	10895.41	9190.29	10158.67	8.62	ppb
Potassium	39-2	24867.06	25810.45	24882.20	25186.57	2.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	466.95	424.86	407.85	433.22	7.02	ppb
Selenium	78-2	470.16	476.36	454.30	466.94	2.44	ppb
Selenium	82-1	496.83	504.90	489.31	497.01	1.57	ppb
Silicon	28-1	608.74	605.13	597.59	603.82	0.94	ppb
Silver	109-1	503.01	514.06	503.49	506.85	1.23	ppb
Silver	107-1	504.13	516.89	503.60	508.21	1.48	ppb
Sodium	23-2	50047.48	51840.90	50044.10	50644.16	2.05	ppb
Strontium	86-1	491.50	498.47	485.98	491.99	1.27	ppb
Strontium	88-1	497.09	507.33	494.47	499.63	1.36	ppb
Sulfur	34-1	9961.86	9598.41	9252.26	9604.18	3.69	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	501.93	498.79	494.62	498.45	0.74	ppb
Thallium	205-1	494.71	498.63	492.79	495.38	0.60	ppb
Tin	118-1	507.63	512.98	499.47	506.69	1.34	ppb
Titanium	47-1	2514.07	2535.18	2511.27	2520.17	0.52	ppb
Uranium	238-1	486.54	496.37	486.51	489.81	1.16	ppb
Vanadium	51-2	482.64	495.11	488.02	488.59	1.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	981.65	1013.91	976.02	990.53	2.06	ppb
Zirconium	90-1	498.42	506.55	498.89	501.29	0.91	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	PB105578BS	Instrumnet Name :	P8
Client Sample ID :	PB105578BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:43:47	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	481.87	490.71	483.44	485.34	0.97	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-01	Instrumnet Name :	P8
Client Sample ID :	ST010MW005-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:46:51	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.54	1.48	0.06	3.03	131.11	ppb
Antimony	121-1	1.99	1.99	2.04	2.01	1.43	ppb
Arsenic	75-2	2.44	2.47	2.36	2.43	2.42	ppb
Barium	135-1	98.08	95.18	95.64	96.30	1.62	ppb
Barium	137-1	97.25	95.21	95.77	96.08	1.10	ppb
Beryllium	9-1	0.24	0.20	0.27	0.24	15.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	593.22	604.48	601.50	599.73	0.97	ppb
Boron	11-1	610.59	615.15	619.85	615.20	0.75	ppb
Cadmium	111-1	0.10	0.28	0.27	0.22	45.85	ppb
Cadmium	106-1	-0.39	1.74	2.09	1.15	116.86	ppb
Cadmium	108-1	0.38	0.17	0.21	0.26	44.13	ppb
Calcium	43-1	82757.51	82553.57	83242.15	82851.08	0.43	ppb
Calcium	44-1	82065.79	82975.70	81955.37	82332.29	0.68	ppb
Chromium	52-2	7.38	6.96	7.39	7.24	3.38	ppb
Cobalt	59-2	0.09	0.10	0.08	0.09	12.10	ppb
Copper	63-2	1.87	1.95	2.05	1.96	4.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	63.97	63.16	64.66	63.93	1.17	ppb
Iron	57-2	56.86	66.47	60.13	61.15	8.00	ppb
Lead	206-1	0.84	0.59	0.51	0.65	26.55	ppb
Lead	207-1	0.77	0.62	0.48	0.62	22.98	ppb
Lead	208-1	0.79	0.63	0.50	0.64	22.50	ppb
Lithium	6-1						%
Magnesium	24-2	40838.34	40033.86	41409.55	40760.58	1.70	ppb
Manganese	55-2	12.35	12.28	12.93	12.52	2.89	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-01	Instrumnet Name :	P8
Client Sample ID :	ST010MW005-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:46:51	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.63	2.37	2.55	2.52	5.33	ppb
Molybdenum	95-1	3.22	3.01	3.30	3.17	4.73	ppb
Molybdenum	96-1	3.10	3.19	2.94	3.08	4.19	ppb
Molybdenum	97-1	3.34	3.36	3.57	3.42	3.66	ppb
Molybdenum	98-1	3.37	3.00	3.08	3.15	6.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.33	11.12	12.08	11.85	5.39	ppb
Phosphorus	31-2	-21.26	42.59	0.79	7.37	439.82	ppb
Potassium	39-2	600.73	629.20	604.62	611.52	2.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.55	0.00	1.85	173.21	ppb
Selenium	78-2	0.72	-0.19	1.64	0.72	125.98	ppb
Selenium	82-1	-2.07	-4.06	-4.40	-3.51		ppb
Silicon	28-1	6943.66	7025.39	6992.85	6987.30	0.59	ppb
Silver	109-1	0.90	0.67	0.61	0.73	21.53	ppb
Silver	107-1	0.96	0.74	0.64	0.78	21.03	ppb
Sodium	23-2	29768.00	29310.86	30123.09	29733.98	1.37	ppb
Strontium	86-1	980.32	964.20	962.70	969.07	1.01	ppb
Strontium	88-1	968.49	959.07	966.11	964.56	0.51	ppb
Sulfur	34-1	8513.66	8934.29	8981.74	8809.89	2.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.60	0.43	0.32	0.45	31.09	ppb
Thallium	205-1	0.60	0.45	0.33	0.46	29.43	ppb
Tin	118-1	2.08	1.90	1.83	1.94	6.73	ppb
Titanium	47-1	0.91	0.89	0.77	0.85	8.98	ppb
Uranium	238-1	3.42	3.44	3.57	3.48	2.40	ppb
Vanadium	51-2	0.33	0.28	0.35	0.32	11.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.06	1.77	1.56	1.80	14.02	ppb
Zirconium	90-1	0.13	0.12	0.14	0.13	5.32	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-01	Instrumnet Name :	P8
Client Sample ID :	ST010MW005-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:46:51	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.11	0.20	0.15	30.43	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-02	Instrumnet Name :	P8
Client Sample ID :	WP022MW004-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:50:00	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	194.80	243.65	256.01	231.49	13.98	ppb
Antimony	121-1	1.74	1.76	1.85	1.78	3.47	ppb
Arsenic	75-2	1.57	1.53	1.65	1.59	3.86	ppb
Barium	135-1	155.26	160.41	154.21	156.63	2.12	ppb
Barium	137-1	158.03	159.52	156.18	157.91	1.06	ppb
Beryllium	9-1	0.08	0.11	0.02	0.07	63.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	282.32	289.50	286.48	286.10	1.26	ppb
Boron	11-1	288.71	291.97	286.38	289.02	0.97	ppb
Cadmium	111-1	0.23	0.22	0.20	0.22	6.47	ppb
Cadmium	106-1	1.14	1.02	0.35	0.84	51.07	ppb
Cadmium	108-1	0.21	0.29	0.36	0.29	27.35	ppb
Calcium	43-1	122383.03	123670.97	121589.54	122547.85	0.86	ppb
Calcium	44-1	122083.46	121782.34	121342.36	121736.05	0.31	ppb
Chromium	52-2	2.28	2.23	2.27	2.26	1.17	ppb
Cobalt	59-2	0.50	0.52	0.45	0.49	7.17	ppb
Copper	63-2	4.19	4.44	4.38	4.34	3.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	346.45	349.13	349.56	348.38	0.48	ppb
Iron	57-2	344.70	342.83	364.71	350.75	3.46	ppb
Lead	206-1	0.48	0.48	0.46	0.48	2.25	ppb
Lead	207-1	0.48	0.44	0.43	0.45	6.92	ppb
Lead	208-1	0.46	0.46	0.43	0.45	4.53	ppb
Lithium	6-1						%
Magnesium	24-2	18429.33	18806.34	18462.23	18565.96	1.12	ppb
Manganese	55-2	62.10	63.22	59.80	61.71	2.82	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-02	Instrumnet Name :	P8
Client Sample ID :	WP022MW004-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:50:00	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.02	1.09	1.10	1.07	4.43	ppb
Molybdenum	95-1	0.78	0.79	0.75	0.77	2.36	ppb
Molybdenum	96-1	0.83	0.83	0.88	0.85	3.52	ppb
Molybdenum	97-1	1.02	1.06	0.96	1.01	5.31	ppb
Molybdenum	98-1	0.86	0.75	0.76	0.79	7.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.32	3.88	3.92	4.04	6.02	ppb
Phosphorus	31-2	90.50	46.91	91.59	76.34	33.39	ppb
Potassium	39-2	2586.80	2625.12	2605.99	2605.97	0.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.60	0.00	5.64	3.75	86.60	ppb
Selenium	78-2	-1.10	-1.10	-0.17	-0.79		ppb
Selenium	82-1	-3.04	-4.31	-5.73	-4.36		ppb
Silicon	28-1	10476.81	10463.40	10489.92	10476.71	0.13	ppb
Silver	109-1	0.22	0.25	0.23	0.23	4.76	ppb
Silver	107-1	0.25	0.25	0.23	0.24	4.83	ppb
Sodium	23-2	48978.05	49255.79	49035.70	49089.85	0.30	ppb
Strontium	86-1	592.05	587.21	589.39	589.55	0.41	ppb
Strontium	88-1	601.50	586.50	589.41	592.47	1.34	ppb
Sulfur	34-1	15085.24	14963.89	14955.00	15001.38	0.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.12	0.14	0.13	10.31	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	9.94	ppb
Tin	118-1	1.21	1.30	1.20	1.24	4.31	ppb
Titanium	47-1	3.82	4.20	4.62	4.21	9.40	ppb
Uranium	238-1	1.89	1.86	1.82	1.85	1.81	ppb
Vanadium	51-2	1.48	1.81	1.56	1.62	10.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.31	2.50	3.00	2.60	13.80	ppb
Zirconium	90-1	0.35	0.32	0.32	0.33	6.10	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-02	Instrumnet Name :	P8
Client Sample ID :	WP022MW004-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:50:00	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.30	0.33	0.31	4.66	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-03	Instrumnet Name :	P8
Client Sample ID :	WP022MW001-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:53:10	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.97	4.98	3.26	5.74	50.97	ppb
Antimony	121-1	1.26	1.29	1.28	1.27	1.25	ppb
Arsenic	75-2	0.80	0.87	1.12	0.93	18.05	ppb
Barium	135-1	50.86	51.06	48.60	50.17	2.73	ppb
Barium	137-1	50.74	50.54	49.92	50.40	0.85	ppb
Beryllium	9-1	0.05	0.08	0.06	0.06	25.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	331.38	321.01	324.22	325.54	1.63	ppb
Boron	11-1	337.34	329.14	332.77	333.08	1.23	ppb
Cadmium	111-1	0.11	0.23	0.09	0.14	54.76	ppb
Cadmium	106-1	0.45	1.99	0.37	0.94	97.09	ppb
Cadmium	108-1	0.17	0.12	0.24	0.18	33.98	ppb
Calcium	43-1	121365.48	121252.30	122556.82	121724.87	0.59	ppb
Calcium	44-1	120451.32	119366.61	122877.72	120898.55	1.49	ppb
Chromium	52-2	3.46	2.99	2.72	3.06	12.27	ppb
Cobalt	59-2	0.09	0.08	0.10	0.09	7.53	ppb
Copper	63-2	2.91	2.97	3.16	3.01	4.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.17	4.82	3.95	4.65	13.54	ppb
Iron	57-2	4.19	4.26	7.48	5.31	35.41	ppb
Lead	206-1	0.15	0.12	0.17	0.15	16.83	ppb
Lead	207-1	0.14	0.13	0.13	0.13	3.06	ppb
Lead	208-1	0.14	0.14	0.15	0.14	5.00	ppb
Lithium	6-1						%
Magnesium	24-2	28377.59	26125.66	25685.29	26729.51	5.40	ppb
Manganese	55-2	25.29	24.06	22.16	23.83	6.61	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-03	Instrumnet Name :	P8
Client Sample ID :	WP022MW001-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:53:10	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.16	1.19	1.28	1.21	5.34	ppb
Molybdenum	95-1	1.63	1.59	1.64	1.62	1.44	ppb
Molybdenum	96-1	1.53	1.69	1.51	1.58	6.29	ppb
Molybdenum	97-1	1.58	1.82	1.80	1.73	7.75	ppb
Molybdenum	98-1	1.63	1.57	1.69	1.63	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.54	8.03	7.86	8.14	4.36	ppb
Phosphorus	31-2	29.02	-21.26	1.51	3.09	814.96	ppb
Potassium	39-2	2069.33	1879.92	1812.13	1920.46	6.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.20	0.00	17.08	7.76	111.42	ppb
Selenium	78-2	-1.10	3.58	3.57	2.02	133.65	ppb
Selenium	82-1	-0.55	-0.89	-2.30	-1.25		ppb
Silicon	28-1	13582.41	13308.96	13546.79	13479.39	1.10	ppb
Silver	109-1	0.12	0.15	0.12	0.13	12.14	ppb
Silver	107-1	0.14	0.12	0.14	0.13	9.33	ppb
Sodium	23-2	91277.58	83911.62	83711.48	86300.23	5.00	ppb
Strontium	86-1	835.82	841.12	862.62	846.52	1.68	ppb
Strontium	88-1	832.89	837.34	841.40	837.21	0.51	ppb
Sulfur	34-1	28245.19	27422.82	28594.57	28087.53	2.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.05	0.03	46.30	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	12.24	ppb
Tin	118-1	0.99	1.15	1.12	1.09	7.90	ppb
Titanium	47-1	0.71	0.77	0.78	0.76	4.82	ppb
Uranium	238-1	3.55	3.54	3.64	3.58	1.51	ppb
Vanadium	51-2	3.83	3.55	3.32	3.57	7.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.79	1.25	0.65	0.90	34.72	ppb
Zirconium	90-1	0.12	0.09	0.09	0.10	16.07	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-03	Instrumnet Name :	P8
Client Sample ID :	WP022MW001-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:53:10	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.13	0.11	21.83	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-04	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:56:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.32	54.04	24.03	37.80	40.11	ppb
Antimony	121-1	1.41	1.40	1.48	1.43	3.00	ppb
Arsenic	75-2	24.92	24.17	23.38	24.15	3.19	ppb
Barium	135-1	42.96	42.53	43.37	42.95	0.99	ppb
Barium	137-1	43.52	43.04	43.20	43.25	0.56	ppb
Beryllium	9-1	0.04	0.02	-0.01	0.02	174.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	237.17	242.62	238.79	239.53	1.17	ppb
Boron	11-1	238.72	243.99	240.35	241.02	1.12	ppb
Cadmium	111-1	0.16	0.08	0.08	0.11	44.40	ppb
Cadmium	106-1	0.74	0.03	-0.25	0.18	288.35	ppb
Cadmium	108-1	0.25	0.32	0.20	0.26	23.56	ppb
Calcium	43-1	383497.55	384711.88	383361.19	383856.88	0.19	ppb
Calcium	44-1	389796.80	386242.94	390593.42	388877.72	0.60	ppb
Chromium	52-2	1.52	1.63	1.51	1.55	4.18	ppb
Cobalt	59-2	6.43	6.54	6.40	6.46	1.19	ppb
Copper	63-2	3.96	4.27	4.07	4.10	3.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24953.76	26012.85	25476.02	25480.87	2.08	ppb
Iron	57-2	24577.18	25293.71	24683.88	24851.59	1.56	ppb
Lead	206-1	0.57	0.59	0.55	0.57	3.86	ppb
Lead	207-1	0.59	0.55	0.54	0.56	4.45	ppb
Lead	208-1	0.55	0.57	0.56	0.56	1.53	ppb
Lithium	6-1						%
Magnesium	24-2	51990.44	53162.98	51938.79	52364.07	1.32	ppb
Manganese	55-2	1187.51	1230.00	1202.97	1206.83	1.78	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-04	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:56:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.92	1.94	1.88	1.91	1.71	ppb
Molybdenum	95-1	1.73	1.53	1.46	1.57	8.85	ppb
Molybdenum	96-1	1.69	1.59	1.67	1.65	3.14	ppb
Molybdenum	97-1	1.72	1.72	1.53	1.65	6.76	ppb
Molybdenum	98-1	1.68	1.65	1.61	1.65	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.50	34.49	33.95	33.98	1.45	ppb
Phosphorus	31-2	75.48	229.62	3.31	102.80	112.45	ppb
Potassium	39-2	5949.72	6246.04	6186.97	6127.57	2.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.00	0.00	0.00	2.00	173.21	ppb
Selenium	78-2	3.82	1.88	2.80	2.83	34.38	ppb
Selenium	82-1	-4.07	-4.49	-6.07	-4.88		ppb
Silicon	28-1	14582.72	14415.14	14672.48	14556.78	0.90	ppb
Silver	109-1	0.14	0.13	0.13	0.13	2.94	ppb
Silver	107-1	0.13	0.13	0.12	0.13	4.72	ppb
Sodium	23-2	150279.96	155413.51	152070.23	152587.90	1.71	ppb
Strontium	86-1	1398.58	1409.31	1399.65	1402.51	0.42	ppb
Strontium	88-1	1381.64	1388.16	1386.67	1385.49	0.25	ppb
Sulfur	34-1	264949.95	262581.27	263222.69	263584.64	0.46	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.02	0.04	0.03	25.63	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	20.45	ppb
Tin	118-1	1.27	1.28	1.29	1.28	0.68	ppb
Titanium	47-1	2.08	2.23	2.11	2.14	3.62	ppb
Uranium	238-1	0.92	0.92	0.98	0.94	3.75	ppb
Vanadium	51-2	2.01	1.89	1.87	1.92	4.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.65	3.86	3.78	3.76	2.87	ppb
Zirconium	90-1	0.49	0.54	0.47	0.50	6.92	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-04	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:56:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.58	0.58	0.50	0.55	8.66	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:59:29	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.84	14.18	1.94	9.98	69.81	ppb
Antimony	121-1	1.81	1.87	1.96	1.88	3.98	ppb
Arsenic	75-2	1.16	0.98	1.01	1.05	8.99	ppb
Barium	135-1	72.86	74.14	72.14	73.04	1.39	ppb
Barium	137-1	73.34	73.13	72.76	73.08	0.40	ppb
Beryllium	9-1	-0.02	0.02	-0.04	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	123.62	132.31	132.35	129.43	3.89	ppb
Boron	11-1	132.05	133.00	132.87	132.64	0.39	ppb
Cadmium	111-1	0.10	0.18	0.08	0.12	44.27	ppb
Cadmium	106-1	0.45	0.48	-0.45	0.16	327.49	ppb
Cadmium	108-1	0.13	0.13	0.25	0.17	41.32	ppb
Calcium	43-1	107641.40	109210.45	111179.65	109343.84	1.62	ppb
Calcium	44-1	108280.50	108979.17	109021.57	108760.41	0.38	ppb
Chromium	52-2	32.83	33.18	32.24	32.75	1.45	ppb
Cobalt	59-2	0.82	0.90	0.90	0.87	4.94	ppb
Copper	63-2	5.10	5.20	5.40	5.23	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	158.63	159.05	155.11	157.60	1.38	ppb
Iron	57-2	156.73	165.55	150.99	157.75	4.65	ppb
Lead	206-1	0.27	0.25	0.29	0.27	7.78	ppb
Lead	207-1	0.26	0.26	0.24	0.25	4.94	ppb
Lead	208-1	0.25	0.25	0.26	0.25	1.61	ppb
Lithium	6-1						%
Magnesium	24-2	9830.76	10064.67	9731.71	9875.71	1.73	ppb
Manganese	55-2	10.12	12.62	11.35	11.36	11.01	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:59:29	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.87	0.97	0.94	0.93	5.91	ppb
Molybdenum	95-1	1.31	1.38	1.19	1.29	7.43	ppb
Molybdenum	96-1	1.18	1.23	1.29	1.23	4.37	ppb
Molybdenum	97-1	1.36	1.39	1.36	1.37	1.56	ppb
Molybdenum	98-1	1.40	1.25	1.25	1.30	6.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.72	45.38	44.54	45.55	2.42	ppb
Phosphorus	31-2	3.31	29.01	-21.26	3.69	681.50	ppb
Potassium	39-2	1966.37	2066.43	1932.08	1988.30	3.51	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	3.83	0.91	1.93	2.22	66.88	ppb
Selenium	82-1	-5.69	-7.39	-9.15	-7.41		ppb
Silicon	28-1	11167.68	11148.77	11236.52	11184.32	0.41	ppb
Silver	109-1	0.11	0.11	0.10	0.10	7.08	ppb
Silver	107-1	0.10	0.09	0.13	0.11	17.24	ppb
Sodium	23-2	34875.87	35018.22	33881.64	34591.91	1.79	ppb
Strontium	86-1	496.92	504.77	506.31	502.66	1.00	ppb
Strontium	88-1	512.23	511.64	515.63	513.17	0.42	ppb
Sulfur	34-1	9647.79	9385.20	9225.56	9419.52	2.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.01	0.02	39.48	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.98	ppb
Tin	118-1	1.29	1.24	1.35	1.29	4.00	ppb
Titanium	47-1	1.13	1.17	0.87	1.06	15.50	ppb
Uranium	238-1	1.47	1.50	1.48	1.48	0.91	ppb
Vanadium	51-2	3.22	3.41	3.23	3.29	3.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.33	1.47	1.94	1.58	19.98	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	39.64	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:59:29	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.05	0.04	26.10	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05DUP	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:02:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	3.72	5.43	3.13	84.76	ppb
Antimony	121-1	1.82	1.97	2.08	1.95	6.58	ppb
Arsenic	75-2	1.21	1.18	1.13	1.17	3.35	ppb
Barium	135-1	73.56	74.66	73.72	73.98	0.80	ppb
Barium	137-1	74.30	73.38	73.82	73.83	0.63	ppb
Beryllium	9-1	-0.04	-0.04	-0.05	-0.05		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	125.95	129.64	133.69	129.76	2.99	ppb
Boron	11-1	124.83	128.90	131.78	128.50	2.72	ppb
Cadmium	111-1	0.08	0.18	0.12	0.13	39.39	ppb
Cadmium	106-1	-0.06	0.47	0.44	0.28	105.58	ppb
Cadmium	108-1	0.33	0.09	0.05	0.15	100.21	ppb
Calcium	43-1	112070.56	111772.41	111336.94	111726.63	0.33	ppb
Calcium	44-1	110911.38	110861.76	111033.78	110935.64	0.08	ppb
Chromium	52-2	32.75	33.88	34.48	33.70	2.61	ppb
Cobalt	59-2	0.93	0.92	0.78	0.88	9.70	ppb
Copper	63-2	5.33	6.16	5.94	5.81	7.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	156.02	159.21	158.12	157.78	1.03	ppb
Iron	57-2	147.23	157.73	171.00	158.65	7.51	ppb
Lead	206-1	0.21	0.20	0.21	0.21	3.27	ppb
Lead	207-1	0.20	0.22	0.20	0.21	4.17	ppb
Lead	208-1	0.21	0.21	0.20	0.21	2.87	ppb
Lithium	6-1						%
Magnesium	24-2	9706.05	9901.33	9903.13	9836.84	1.15	ppb
Manganese	55-2	10.89	10.78	10.35	10.67	2.67	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05DUP	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:02:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.94	0.98	1.04	0.99	5.11	ppb
Molybdenum	95-1	1.33	1.39	1.31	1.34	3.06	ppb
Molybdenum	96-1	1.19	1.22	1.34	1.25	6.44	ppb
Molybdenum	97-1	1.43	1.32	1.54	1.43	7.55	ppb
Molybdenum	98-1	1.20	1.36	1.34	1.30	6.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.55	46.43	46.04	45.68	2.17	ppb
Phosphorus	31-2	3.20	28.72	3.65	11.86	123.16	ppb
Potassium	39-2	1929.92	1959.21	2025.56	1971.57	2.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.10	0.00	2.03	173.21	ppb
Selenium	78-2	0.91	-0.10	1.91	0.91	110.29	ppb
Selenium	82-1	-5.29	-7.83	-9.81	-7.64		ppb
Silicon	28-1	11269.16	11422.88	11336.29	11342.78	0.68	ppb
Silver	109-1	0.09	0.09	0.09	0.09	2.93	ppb
Silver	107-1	0.10	0.11	0.08	0.10	14.76	ppb
Sodium	23-2	34238.88	35038.53	35709.95	34995.79	2.10	ppb
Strontium	86-1	509.01	507.08	505.35	507.15	0.36	ppb
Strontium	88-1	517.68	518.30	515.73	517.24	0.26	ppb
Sulfur	34-1	9388.34	9249.32	9422.89	9353.51	0.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	16.06	ppb
Thallium	205-1	0.02	0.00	0.02	0.01	59.48	ppb
Tin	118-1	1.20	1.18	1.30	1.22	5.16	ppb
Titanium	47-1	1.21	0.92	1.25	1.13	16.23	ppb
Uranium	238-1	1.52	1.56	1.50	1.53	1.79	ppb
Vanadium	51-2	3.45	3.00	3.19	3.21	7.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.39	1.43	1.33	1.38	3.69	ppb
Zirconium	90-1	0.01	0.01	0.06	0.03	92.85	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05DUP	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:02:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.03	0.02	57.38	ppb

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-05LX5 Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103L Dilution Factor : 5
 Date & Time Acquired :: 2018-01-11 18:05:50 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.45	1.62	6.20	4.76	57.17	ppb
Antimony	121-1	0.43	0.43	0.38	0.41	6.72	ppb
Arsenic	75-2	0.10	0.31	0.19	0.20	52.40	ppb
Barium	135-1	13.79	14.43	14.36	14.19	2.48	ppb
Barium	137-1	13.96	13.98	14.56	14.17	2.40	ppb
Beryllium	9-1	-0.04	-0.02	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	41.49	38.53	41.58	40.54	4.28	ppb
Boron	11-1	38.55	37.57	39.15	38.42	2.08	ppb
Cadmium	111-1	0.12	0.09	0.06	0.09	34.71	ppb
Cadmium	106-1	0.80	0.50	-0.05	0.42	102.59	ppb
Cadmium	108-1	0.04	0.04	0.18	0.08	98.97	ppb
Calcium	43-1	20942.67	20888.58	20970.18	20933.81	0.20	ppb
Calcium	44-1	21308.39	21295.37	21293.15	21298.97	0.04	ppb
Chromium	52-2	6.41	6.70	6.18	6.43	4.04	ppb
Cobalt	59-2	0.14	0.15	0.18	0.16	13.17	ppb
Copper	63-2	1.68	1.66	1.37	1.57	11.08	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	31.86	31.09	31.46	31.47	1.23	ppb
Iron	57-2	38.84	35.42	35.69	36.65	5.19	ppb
Lead	206-1	0.04	0.03	0.03	0.03	23.89	ppb
Lead	207-1	0.03	0.03	0.02	0.03	23.81	ppb
Lead	208-1	0.04	0.02	0.02	0.03	25.85	ppb
Lithium	6-1						%
Magnesium	24-2	1940.22	1874.12	1863.99	1892.78	2.19	ppb
Manganese	55-2	2.23	2.28	2.22	2.24	1.47	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05LX5	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-11 18:05:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.18	0.20	0.19	7.49	ppb
Molybdenum	95-1	0.22	0.24	0.22	0.23	3.75	ppb
Molybdenum	96-1	0.21	0.23	0.24	0.23	7.20	ppb
Molybdenum	97-1	0.28	0.23	0.30	0.27	13.25	ppb
Molybdenum	98-1	0.23	0.27	0.25	0.25	7.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.07	8.98	8.78	8.94	1.69	ppb
Phosphorus	31-2	-21.26	1.01	0.89	-6.45		ppb
Potassium	39-2	352.14	392.90	396.28	380.44	6.46	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	0.65	-1.10	-0.22	-0.22		ppb
Selenium	82-1	-1.60	-1.35	-1.13	-1.36		ppb
Silicon	28-1	2193.81	2174.38	2167.75	2178.65	0.62	ppb
Silver	109-1	0.04	0.03	0.04	0.04	18.35	ppb
Silver	107-1	0.03	0.02	0.05	0.03	46.83	ppb
Sodium	23-2	6534.21	6445.72	6378.69	6452.87	1.21	ppb
Strontium	86-1	96.58	97.61	97.16	97.12	0.53	ppb
Strontium	88-1	100.22	100.66	102.41	101.09	1.15	ppb
Sulfur	34-1	793.27	749.72	568.29	703.76	16.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.16	0.13	0.15	0.15	10.94	ppb
Titanium	47-1	0.22	0.16	0.29	0.22	30.14	ppb
Uranium	238-1	0.28	0.28	0.28	0.28	0.24	ppb
Vanadium	51-2	0.71	0.63	0.57	0.63	10.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.07	0.37	0.11	0.18	89.35	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	29.46	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05LX5	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-11 18:05:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	87.92	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:09:00	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47631.56	49312.83	48691.52	48545.30	1.75	ppb
Antimony	121-1	467.88	465.49	474.74	469.37	1.02	ppb
Arsenic	75-2	501.74	509.89	501.48	504.37	0.95	ppb
Barium	135-1	2496.56	2505.13	2554.33	2518.67	1.24	ppb
Barium	137-1	2483.68	2479.28	2494.82	2485.93	0.32	ppb
Beryllium	9-1	480.49	475.96	475.12	477.19	0.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	481.29	491.69	492.29	488.42	1.27	ppb
Boron	11-1	465.58	478.60	479.59	474.59	1.65	ppb
Cadmium	111-1	474.13	473.17	473.23	473.51	0.11	ppb
Cadmium	106-1	487.39	484.10	477.29	482.93	1.07	ppb
Cadmium	108-1	476.62	479.74	481.81	479.39	0.54	ppb
Calcium	43-1	250525.26	243500.05	248082.12	247369.14	1.44	ppb
Calcium	44-1	250772.95	243566.78	248319.94	247553.22	1.48	ppb
Chromium	52-2	510.71	524.13	513.56	516.13	1.37	ppb
Cobalt	59-2	497.04	514.29	502.48	504.61	1.75	ppb
Copper	63-2	1000.35	1019.07	1008.32	1009.25	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	125450.95	128234.06	125810.90	126498.64	1.20	ppb
Iron	57-2	125311.67	125662.19	126192.20	125722.02	0.35	ppb
Lead	206-1	516.89	517.35	512.67	515.64	0.50	ppb
Lead	207-1	513.17	514.00	517.41	514.86	0.44	ppb
Lead	208-1	517.06	516.78	515.31	516.38	0.18	ppb
Lithium	6-1						%
Magnesium	24-2	241475.96	245098.72	242366.59	242980.42	0.78	ppb
Manganese	55-2	992.20	1011.80	1006.15	1003.39	1.01	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:09:00	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2582.35	2558.71	2566.38	2569.15	0.47	ppb
Molybdenum	95-1	2556.39	2534.43	2541.30	2544.04	0.44	ppb
Molybdenum	96-1	2573.96	2550.43	2550.36	2558.25	0.53	ppb
Molybdenum	97-1	2552.77	2533.90	2578.70	2555.12	0.88	ppb
Molybdenum	98-1	2561.33	2542.05	2576.03	2559.80	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.32	519.42	512.68	512.14	1.48	ppb
Phosphorus	31-2	9410.86	9609.80	9115.37	9378.68	2.65	ppb
Potassium	39-2	126432.09	129361.42	126309.53	127367.68	1.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	578.08	537.06	506.56	540.57	6.64	ppb
Selenium	78-2	449.88	502.46	507.36	486.57	6.55	ppb
Selenium	82-1	501.32	493.94	497.50	497.59	0.74	ppb
Silicon	28-1	517.74	499.52	508.24	508.50	1.79	ppb
Silver	109-1	485.22	480.84	489.13	485.06	0.85	ppb
Silver	107-1	486.24	485.16	483.08	484.82	0.33	ppb
Sodium	23-2	245870.56	253703.18	250952.73	250175.49	1.59	ppb
Strontium	86-1	512.20	508.68	510.03	510.30	0.35	ppb
Strontium	88-1	514.06	514.32	518.47	515.61	0.48	ppb
Sulfur	34-1	9966.23	9282.43	9696.39	9648.35	3.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	514.38	514.67	518.72	515.92	0.47	ppb
Thallium	205-1	512.93	516.50	514.89	514.78	0.35	ppb
Tin	118-1	496.64	502.28	498.06	498.99	0.59	ppb
Titanium	47-1	2564.21	2510.72	2564.52	2546.48	1.22	ppb
Uranium	238-1	528.72	526.89	528.85	528.15	0.21	ppb
Vanadium	51-2	508.42	518.80	512.84	513.35	1.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.40	1028.23	1017.79	1017.81	1.02	ppb
Zirconium	90-1	515.05	509.35	514.92	513.11	0.63	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:09:00	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.66	497.18	498.07	497.97	0.15	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:12:01	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.46	-1.46	0.17	-0.92		ppb
Antimony	121-1	0.22	0.22	0.23	0.22	4.60	ppb
Arsenic	75-2	0.04	0.00	-0.05	0.00		ppb
Barium	135-1	0.04	0.01	0.03	0.02	69.61	ppb
Barium	137-1	0.03	0.00	0.02	0.02	100.82	ppb
Beryllium	9-1	0.11	0.17	0.12	0.13	25.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.65	16.26	15.87	16.93	8.90	ppb
Boron	11-1	18.39	16.29	14.89	16.52	10.68	ppb
Cadmium	111-1	0.08	0.12	0.17	0.12	40.21	ppb
Cadmium	106-1	0.46	0.90	1.79	1.05	64.64	ppb
Cadmium	108-1	0.08	0.11	0.07	0.08	23.25	ppb
Calcium	43-1	-3.95	0.82	-7.82	-3.65		ppb
Calcium	44-1	31.07	29.49	27.37	29.31	6.33	ppb
Chromium	52-2	-0.05	0.09	0.04	0.03	257.10	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	222.72	ppb
Copper	63-2	0.33	0.37	0.35	0.35	5.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.71	4.05	3.73	3.83	4.96	ppb
Iron	57-2	4.71	2.77	3.35	3.61	27.46	ppb
Lead	206-1	0.07	0.07	0.06	0.07	8.41	ppb
Lead	207-1	0.08	0.06	0.07	0.07	15.14	ppb
Lead	208-1	0.06	0.06	0.07	0.06	5.76	ppb
Lithium	6-1						%
Magnesium	24-2	3.13	2.84	-0.05	1.97	88.88	ppb
Manganese	55-2	0.06	0.09	-0.01	0.05	104.15	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:12:01	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.23	0.16	0.23	28.40	ppb
Molybdenum	95-1	0.24	0.24	0.27	0.25	6.06	ppb
Molybdenum	96-1	0.28	0.20	0.28	0.25	16.87	ppb
Molybdenum	97-1	0.30	0.26	0.23	0.26	13.94	ppb
Molybdenum	98-1	0.32	0.27	0.24	0.27	14.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.06	-0.06	-0.07		ppb
Phosphorus	31-2	25.05	-21.26	-21.26	-5.82		ppb
Potassium	39-2	16.74	10.88	0.63	9.42	86.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.26	0.00	1.75	173.21	ppb
Selenium	78-2	-1.10	0.63	-0.23	-0.23		ppb
Selenium	82-1	0.51	-0.13	0.36	0.25	135.80	ppb
Silicon	28-1	3.61	-3.83	-8.66	-2.96		ppb
Silver	109-1	0.04	0.04	0.03	0.04	10.36	ppb
Silver	107-1	0.04	0.03	0.03	0.03	13.19	ppb
Sodium	23-2	89.80	90.84	92.99	91.21	1.78	ppb
Strontium	86-1	0.01	0.03	-0.01	0.01	303.08	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	22.82	ppb
Sulfur	34-1	332.42	-494.63	-815.05	-325.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.06	0.03	0.06	42.56	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	7.70	ppb
Tin	118-1	0.02	0.07	0.03	0.04	77.69	ppb
Titanium	47-1	0.04	-0.03	0.06	0.02	206.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	88.64	ppb
Vanadium	51-2	0.04	0.02	0.02	0.03	25.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	-0.20	0.11	-0.03		ppb
Zirconium	90-1	0.04	0.02	0.03	0.03	28.40	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:12:01	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.04	0.03	64.36	ppb

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-06 Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:15:13 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9662.89	9848.26	9534.39	9681.85	1.63	ppb
Antimony	121-1	504.99	498.54	503.31	502.28	0.67	ppb
Arsenic	75-2	521.52	523.83	525.31	523.55	0.36	ppb
Barium	135-1	2621.82	2621.43	2630.17	2624.47	0.19	ppb
Barium	137-1	2587.52	2611.73	2610.78	2603.34	0.53	ppb
Beryllium	9-1	343.26	339.98	344.73	342.66	0.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	487.19	493.46	500.82	493.83	1.38	ppb
Boron	11-1	478.34	485.99	495.49	486.61	1.77	ppb
Cadmium	111-1	481.36	482.42	484.10	482.63	0.29	ppb
Cadmium	106-1	487.26	496.84	493.25	492.45	0.98	ppb
Cadmium	108-1	485.42	494.44	485.55	488.47	1.06	ppb
Calcium	43-1	162573.19	161214.71	162203.42	161997.11	0.43	ppb
Calcium	44-1	159457.92	159663.52	160136.27	159752.57	0.22	ppb
Chromium	52-2	525.65	537.32	530.81	531.26	1.10	ppb
Cobalt	59-2	504.94	520.80	511.24	512.33	1.56	ppb
Copper	63-2	1045.16	1071.74	1049.45	1055.45	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25828.29	26938.19	25936.11	26234.20	2.33	ppb
Iron	57-2	25354.91	26303.58	25414.71	25691.06	2.07	ppb
Lead	206-1	497.50	502.98	506.07	502.18	0.86	ppb
Lead	207-1	498.92	504.49	508.05	503.82	0.91	ppb
Lead	208-1	500.94	504.38	511.86	505.73	1.10	ppb
Lithium	6-1						%
Magnesium	24-2	64220.69	65145.95	62860.46	64075.70	1.79	ppb
Manganese	55-2	991.38	1035.71	1006.47	1011.19	2.23	ppb

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-06 Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:15:13 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2605.19	2584.80	2589.62	2593.20	0.41	ppb
Molybdenum	95-1	2600.76	2574.74	2602.65	2592.72	0.60	ppb
Molybdenum	96-1	2625.61	2595.27	2594.86	2605.25	0.68	ppb
Molybdenum	97-1	2624.12	2632.06	2632.33	2629.50	0.18	ppb
Molybdenum	98-1	2603.84	2614.61	2610.45	2609.63	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.50	538.94	522.19	527.88	1.82	ppb
Phosphorus	31-2	-21.26	28.50	-21.26	-4.67		ppb
Potassium	39-2	27363.89	28371.61	27414.05	27716.52	2.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	528.26	485.72	465.98	493.32	6.45	ppb
Selenium	78-2	488.71	491.13	498.54	492.79	1.04	ppb
Selenium	82-1	511.87	507.30	509.49	509.55	0.45	ppb
Silicon	28-1	11599.05	11663.71	11649.86	11637.54	0.29	ppb
Silver	109-1	514.85	508.91	512.30	512.02	0.58	ppb
Silver	107-1	512.27	507.64	510.42	510.11	0.46	ppb
Sodium	23-2	86648.56	89291.80	86329.01	87423.12	1.86	ppb
Strontium	86-1	1032.49	1027.12	1043.12	1034.24	0.79	ppb
Strontium	88-1	1021.28	1009.65	1022.91	1017.95	0.71	ppb
Sulfur	34-1	9708.14	9470.10	9222.11	9466.78	2.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	514.88	520.55	525.78	520.40	1.05	ppb
Thallium	205-1	512.91	516.56	526.75	518.74	1.38	ppb
Tin	118-1	489.49	492.87	499.65	494.01	1.05	ppb
Titanium	47-1	2579.52	2632.84	2584.81	2599.06	1.13	ppb
Uranium	238-1	491.16	491.84	499.27	494.09	0.91	ppb
Vanadium	51-2	504.01	519.45	508.43	510.63	1.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	989.55	1006.56	994.90	997.01	0.87	ppb
Zirconium	90-1	514.74	510.68	514.02	513.14	0.42	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-06	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:15:13	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.84	490.80	498.83	497.49	1.23	ppb

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-07 Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:18:15 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9885.40	9621.61	9886.94	9797.98	1.56	ppb
Antimony	121-1	512.91	510.35	510.76	511.34	0.27	ppb
Arsenic	75-2	530.24	542.43	539.52	537.40	1.18	ppb
Barium	135-1	2707.34	2699.21	2695.04	2700.53	0.23	ppb
Barium	137-1	2621.54	2638.26	2662.21	2640.67	0.77	ppb
Beryllium	9-1	341.49	346.18	346.65	344.77	0.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	488.65	492.25	501.37	494.09	1.33	ppb
Boron	11-1	478.46	500.52	502.91	493.96	2.73	ppb
Cadmium	111-1	494.26	488.15	496.78	493.06	0.90	ppb
Cadmium	106-1	499.73	496.97	502.35	499.68	0.54	ppb
Cadmium	108-1	496.14	487.73	498.99	494.28	1.18	ppb
Calcium	43-1	163587.51	162928.45	164990.59	163835.52	0.64	ppb
Calcium	44-1	163990.55	163625.33	163509.74	163708.54	0.15	ppb
Chromium	52-2	542.03	535.37	546.66	541.35	1.05	ppb
Cobalt	59-2	522.11	515.51	524.92	520.85	0.93	ppb
Copper	63-2	1079.91	1070.44	1082.80	1077.72	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26777.15	26394.42	26767.59	26646.39	0.82	ppb
Iron	57-2	26200.21	26041.02	26028.80	26090.01	0.37	ppb
Lead	206-1	513.28	528.32	515.50	519.03	1.56	ppb
Lead	207-1	518.23	524.55	514.02	518.93	1.02	ppb
Lead	208-1	515.86	529.53	518.26	521.22	1.40	ppb
Lithium	6-1						%
Magnesium	24-2	66895.89	66530.59	66769.08	66731.85	0.28	ppb
Manganese	55-2	1041.81	1011.53	1036.74	1030.02	1.57	ppb

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-07 Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:18:15 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2647.20	2603.12	2679.87	2643.40	1.46	ppb
Molybdenum	95-1	2636.33	2613.95	2680.50	2643.60	1.28	ppb
Molybdenum	96-1	2681.37	2594.54	2668.33	2648.08	1.77	ppb
Molybdenum	97-1	2682.47	2658.54	2714.54	2685.18	1.05	ppb
Molybdenum	98-1	2684.73	2624.18	2665.62	2658.17	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.29	533.17	539.80	537.09	0.65	ppb
Phosphorus	31-2	75.63	26.83	-21.26	27.07	178.99	ppb
Potassium	39-2	28553.32	27911.75	28453.97	28306.35	1.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	476.09	482.21	407.72	455.34	9.08	ppb
Selenium	78-2	529.52	505.13	511.72	515.46	2.45	ppb
Selenium	82-1	511.83	498.20	514.53	508.19	1.72	ppb
Silicon	28-1	11858.05	11676.47	11820.62	11785.04	0.81	ppb
Silver	109-1	527.95	512.50	523.43	521.29	1.52	ppb
Silver	107-1	516.86	516.97	524.38	519.40	0.83	ppb
Sodium	23-2	90722.76	88883.86	90896.21	90167.61	1.24	ppb
Strontium	86-1	1054.44	1033.40	1060.77	1049.54	1.37	ppb
Strontium	88-1	1045.17	1024.67	1048.01	1039.28	1.23	ppb
Sulfur	34-1	8828.71	8657.24	8851.65	8779.20	1.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	534.73	548.85	541.15	541.57	1.31	ppb
Thallium	205-1	525.80	540.10	529.46	531.79	1.40	ppb
Tin	118-1	506.18	509.73	510.42	508.78	0.45	ppb
Titanium	47-1	2656.69	2647.07	2642.47	2648.74	0.27	ppb
Uranium	238-1	504.37	509.75	511.52	508.55	0.73	ppb
Vanadium	51-2	521.44	518.57	524.83	521.62	0.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1035.28	1014.18	1011.88	1020.44	1.26	ppb
Zirconium	90-1	523.73	515.00	526.59	521.77	1.16	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-07	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:18:15	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.48	497.44	511.27	504.73	1.38	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05A	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:21:16	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9648.41	9498.64	10148.29	9765.11	3.48	ppb
Antimony	121-1	513.47	510.36	514.51	512.78	0.42	ppb
Arsenic	75-2	536.82	544.43	537.60	539.62	0.78	ppb
Barium	135-1	2689.71	2668.40	2675.63	2677.91	0.40	ppb
Barium	137-1	2678.95	2632.33	2667.09	2659.46	0.91	ppb
Beryllium	9-1	346.92	343.08	350.69	346.90	1.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	489.46	507.60	519.36	505.47	2.98	ppb
Boron	11-1	492.12	504.23	515.21	503.85	2.29	ppb
Cadmium	111-1	492.97	484.80	495.55	491.11	1.14	ppb
Cadmium	106-1	495.80	495.44	502.39	497.88	0.79	ppb
Cadmium	108-1	498.73	496.89	494.10	496.57	0.47	ppb
Calcium	43-1	163902.04	164285.10	162923.26	163703.47	0.43	ppb
Calcium	44-1	165404.23	166174.17	163636.39	165071.59	0.79	ppb
Chromium	52-2	539.41	538.27	554.19	543.96	1.63	ppb
Cobalt	59-2	517.82	518.19	532.15	522.72	1.56	ppb
Copper	63-2	1066.55	1073.61	1095.28	1078.48	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26525.89	26698.68	27171.48	26798.68	1.25	ppb
Iron	57-2	25759.03	25965.46	26553.25	26092.58	1.58	ppb
Lead	206-1	526.62	523.24	523.53	524.46	0.36	ppb
Lead	207-1	527.20	527.37	526.97	527.18	0.04	ppb
Lead	208-1	525.84	526.18	524.37	525.47	0.18	ppb
Lithium	6-1						%
Magnesium	24-2	66306.09	65477.81	68133.58	66639.16	2.04	ppb
Manganese	55-2	1018.59	1022.99	1044.65	1028.74	1.36	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05A	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:21:16	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2656.35	2637.96	2683.72	2659.35	0.87	ppb
Molybdenum	95-1	2641.65	2693.12	2632.84	2655.87	1.23	ppb
Molybdenum	96-1	2664.19	2661.43	2700.63	2675.42	0.82	ppb
Molybdenum	97-1	2686.46	2672.43	2710.66	2689.85	0.72	ppb
Molybdenum	98-1	2676.72	2687.68	2685.43	2683.28	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.78	537.13	549.74	539.22	1.79	ppb
Phosphorus	31-2	-21.26	2.57	27.47	2.93	832.60	ppb
Potassium	39-2	27874.26	28281.13	28673.98	28276.46	1.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	473.11	451.13	462.14	462.12	2.38	ppb
Selenium	78-2	494.04	502.69	523.18	506.64	2.95	ppb
Selenium	82-1	517.71	510.80	520.94	516.48	1.00	ppb
Silicon	28-1	11766.38	11872.59	11681.34	11773.44	0.81	ppb
Silver	109-1	522.32	507.57	524.05	517.98	1.75	ppb
Silver	107-1	532.95	513.12	518.27	521.44	1.97	ppb
Sodium	23-2	89774.50	89611.18	92175.10	90520.26	1.59	ppb
Strontium	86-1	1054.71	1059.85	1063.75	1059.44	0.43	ppb
Strontium	88-1	1048.20	1044.79	1056.67	1049.89	0.58	ppb
Sulfur	34-1	8385.60	8806.67	8331.90	8508.06	3.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	535.55	542.69	538.25	538.83	0.67	ppb
Thallium	205-1	536.22	535.01	538.24	536.49	0.30	ppb
Tin	118-1	516.06	506.86	517.54	513.49	1.13	ppb
Titanium	47-1	2644.57	2663.69	2657.11	2655.12	0.37	ppb
Uranium	238-1	507.40	517.97	514.47	513.28	1.05	ppb
Vanadium	51-2	517.05	517.99	530.38	521.81	1.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1002.59	1008.57	1031.06	1014.07	1.48	ppb
Zirconium	90-1	520.29	526.37	523.91	523.52	0.58	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05A	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:21:16	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.76	508.49	508.01	509.42	0.40	ppb

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-08 Instrumnet Name : P8
 Client Sample ID : WP022RW349-180103 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:24:18 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154.60	175.60	156.66	162.29	7.13	ppb
Antimony	121-1	2.25	2.48	2.60	2.44	7.24	ppb
Arsenic	75-2	10.22	10.14	10.77	10.38	3.32	ppb
Barium	135-1	63.66	63.48	63.58	63.57	0.14	ppb
Barium	137-1	63.53	62.80	64.30	63.54	1.18	ppb
Beryllium	9-1	0.25	0.33	0.26	0.28	16.06	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	232.08	222.65	222.07	225.60	2.49	ppb
Boron	11-1	231.84	232.89	230.54	231.76	0.51	ppb
Cadmium	111-1	0.18	0.18	0.17	0.18	2.21	ppb
Cadmium	106-1	-0.03	0.89	0.99	0.61	91.35	ppb
Cadmium	108-1	0.80	0.87	0.92	0.86	7.19	ppb
Calcium	43-1	374562.87	370341.40	365401.04	370101.77	1.24	ppb
Calcium	44-1	372765.64	376923.02	368626.58	372771.75	1.11	ppb
Chromium	52-2	15.32	15.96	16.46	15.92	3.60	ppb
Cobalt	59-2	9.18	9.26	9.38	9.28	1.09	ppb
Copper	63-2	11.03	11.09	11.01	11.04	0.38	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	1957.22	2012.66	2018.81	1996.23	1.70	ppb
Iron	57-2	1910.43	1988.61	1946.33	1948.46	2.01	ppb
Lead	206-1	0.78	0.71	0.75	0.75	4.94	ppb
Lead	207-1	0.69	0.69	0.68	0.69	1.25	ppb
Lead	208-1	0.72	0.70	0.73	0.72	2.27	ppb
Lithium	6-1						%
Magnesium	24-2	74249.58	74479.79	75572.82	74767.40	0.95	ppb
Manganese	55-2	1358.65	1396.43	1392.55	1382.55	1.50	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-08	Instrumnet Name :	P8
Client Sample ID :	WP022RW349-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:24:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.22	2.29	2.09	2.20	4.55	ppb
Molybdenum	95-1	1.79	1.70	1.69	1.73	3.22	ppb
Molybdenum	96-1	1.95	1.77	1.81	1.84	5.00	ppb
Molybdenum	97-1	2.04	1.89	1.60	1.84	12.11	ppb
Molybdenum	98-1	1.80	1.86	1.72	1.79	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.40	33.47	33.94	33.27	2.38	ppb
Phosphorus	31-2	172.90	154.51	3.59	110.33	84.20	ppb
Potassium	39-2	5309.62	5435.50	5400.54	5381.89	1.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.99	6.00	0.00	3.99	86.60	ppb
Selenium	78-2	-0.11	0.87	0.86	0.54	105.00	ppb
Selenium	82-1	-5.45	-6.79	-8.09	-6.78		ppb
Silicon	28-1	7591.67	7539.87	7440.07	7523.87	1.02	ppb
Silver	109-1	0.15	0.10	0.14	0.13	18.36	ppb
Silver	107-1	0.11	0.13	0.11	0.12	6.62	ppb
Sodium	23-2	937490.89	966816.77	957164.15	953823.94	1.57	ppb
Strontium	86-1	1024.68	1002.05	1014.43	1013.72	1.12	ppb
Strontium	88-1	1020.46	1002.35	1003.99	1008.93	0.99	ppb
Sulfur	34-1	784035.62	777623.67	765066.72	775575.34	1.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.19	0.17	0.20	15.68	ppb
Thallium	205-1	0.24	0.22	0.22	0.23	6.07	ppb
Tin	118-1	4.10	4.00	3.97	4.02	1.63	ppb
Titanium	47-1	3.19	3.08	3.44	3.23	5.65	ppb
Uranium	238-1	10.04	10.34	10.11	10.17	1.55	ppb
Vanadium	51-2	4.85	5.18	5.29	5.11	4.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.76	10.50	10.97	10.75	2.19	ppb
Zirconium	90-1	0.62	0.64	0.66	0.64	3.17	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-08	Instrumnet Name :	P8
Client Sample ID :	WP022RW349-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:24:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.55	0.74	0.55	0.61	17.93	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-09	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:27:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.92	51.13	34.65	39.56	25.41	ppb
Antimony	121-1	2.54	2.49	2.39	2.47	3.12	ppb
Arsenic	75-2	85.43	82.34	78.97	82.25	3.93	ppb
Barium	135-1	187.47	186.80	188.50	187.59	0.46	ppb
Barium	137-1	187.65	188.15	187.44	187.75	0.20	ppb
Beryllium	9-1	0.14	0.20	0.10	0.15	34.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	226.43	241.72	237.95	235.36	3.38	ppb
Boron	11-1	231.39	237.72	235.43	234.85	1.36	ppb
Cadmium	111-1	0.18	0.12	0.22	0.17	29.98	ppb
Cadmium	106-1	0.07	-0.08	0.76	0.25	176.98	ppb
Cadmium	108-1	0.22	0.28	0.21	0.23	16.95	ppb
Calcium	43-1	126871.58	125401.43	127330.26	126534.42	0.80	ppb
Calcium	44-1	126481.47	125582.96	125513.10	125859.17	0.43	ppb
Chromium	52-2	1.19	1.12	1.21	1.18	3.93	ppb
Cobalt	59-2	2.44	2.44	2.49	2.46	1.08	ppb
Copper	63-2	3.72	4.23	4.20	4.05	7.09	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	34086.10	34312.07	34433.15	34277.11	0.51	ppb
Iron	57-2	33199.56	33412.64	33987.49	33533.23	1.22	ppb
Lead	206-1	0.38	0.40	0.41	0.39	4.60	ppb
Lead	207-1	0.35	0.36	0.40	0.37	7.08	ppb
Lead	208-1	0.35	0.40	0.40	0.38	6.63	ppb
Lithium	6-1						%
Magnesium	24-2	19425.84	19423.61	19776.62	19542.03	1.04	ppb
Manganese	55-2	1330.12	1342.29	1349.25	1340.56	0.72	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-09	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:27:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.11	2.06	2.29	2.15	5.74	ppb
Molybdenum	95-1	2.56	2.41	2.67	2.55	5.25	ppb
Molybdenum	96-1	2.63	2.61	2.67	2.64	1.10	ppb
Molybdenum	97-1	2.63	2.58	2.39	2.53	4.99	ppb
Molybdenum	98-1	2.66	2.73	2.68	2.69	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.28	9.23	9.28	9.26	0.29	ppb
Phosphorus	31-2	920.84	1159.10	1023.29	1034.41	11.55	ppb
Potassium	39-2	4594.65	4643.07	4644.53	4627.42	0.61	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	-0.06	-1.10	0.92	-0.08		ppb
Selenium	82-1	-4.84	-4.56	-6.18	-5.20		ppb
Silicon	28-1	11222.61	11081.38	11002.69	11102.23	1.00	ppb
Silver	109-1	0.07	0.07	0.07	0.07	6.07	ppb
Silver	107-1	0.06	0.06	0.07	0.06	5.04	ppb
Sodium	23-2	53138.24	53356.45	54306.01	53600.23	1.16	ppb
Strontium	86-1	620.86	620.57	628.05	623.16	0.68	ppb
Strontium	88-1	627.46	627.75	639.34	631.52	1.07	ppb
Sulfur	34-1	13995.16	12802.99	12773.59	13190.58	5.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.07	0.06	15.03	ppb
Thallium	205-1	0.07	0.08	0.06	0.07	16.08	ppb
Tin	118-1	2.58	2.58	2.71	2.62	2.83	ppb
Titanium	47-1	2.12	2.35	2.48	2.32	7.84	ppb
Uranium	238-1	0.12	0.13	0.12	0.12	4.47	ppb
Vanadium	51-2	0.89	0.86	1.08	0.94	12.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	25.57	28.03	27.87	27.16	5.07	ppb
Zirconium	90-1	0.19	0.21	0.22	0.21	7.15	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-09	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:27:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.22	0.21	0.23	11.31	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-10	Instrumnet Name :	P8
Client Sample ID :	WP022MW357-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:30:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	267.10	243.70	250.93	253.91	4.72	ppb
Antimony	121-1	1.93	1.92	1.86	1.90	2.07	ppb
Arsenic	75-2	3.78	3.33	4.58	3.90	16.25	ppb
Barium	135-1	47.63	47.98	48.57	48.06	0.99	ppb
Barium	137-1	48.26	48.70	47.84	48.26	0.89	ppb
Beryllium	9-1	0.16	0.27	0.23	0.22	26.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	411.50	414.98	415.21	413.90	0.50	ppb
Boron	11-1	420.50	412.22	426.17	419.63	1.67	ppb
Cadmium	111-1	0.22	0.23	0.23	0.23	3.38	ppb
Cadmium	106-1	1.33	1.24	1.17	1.25	6.69	ppb
Cadmium	108-1	0.42	0.46	0.25	0.37	29.53	ppb
Calcium	43-1	453059.43	455965.52	457631.18	455552.04	0.51	ppb
Calcium	44-1	454833.51	459330.04	460439.97	458201.17	0.65	ppb
Chromium	52-2	1.77	1.78	1.75	1.77	0.90	ppb
Cobalt	59-2	14.16	13.99	14.73	14.29	2.70	ppb
Copper	63-2	6.45	6.74	6.95	6.71	3.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4166.76	4127.08	4299.70	4197.85	2.15	ppb
Iron	57-2	4002.02	3952.37	4046.49	4000.29	1.18	ppb
Lead	206-1	0.66	0.72	0.68	0.69	4.08	ppb
Lead	207-1	0.59	0.58	0.64	0.60	4.67	ppb
Lead	208-1	0.65	0.67	0.67	0.66	2.12	ppb
Lithium	6-1						%
Magnesium	24-2	135749.83	136444.60	137189.40	136461.28	0.53	ppb
Manganese	55-2	1699.91	1672.73	1695.99	1689.55	0.87	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-10	Instrumnet Name :	P8
Client Sample ID :	WP022MW357-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:30:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.71	2.60	2.63	2.64	2.17	ppb
Molybdenum	95-1	0.81	0.78	0.78	0.79	2.13	ppb
Molybdenum	96-1	1.00	1.02	0.99	1.01	1.62	ppb
Molybdenum	97-1	0.97	0.89	0.89	0.91	4.99	ppb
Molybdenum	98-1	0.80	0.85	0.77	0.80	5.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.92	58.04	58.51	57.82	1.41	ppb
Phosphorus	31-2	80.94	4.24	30.90	38.69	100.64	ppb
Potassium	39-2	4412.83	4202.76	4448.53	4354.70	3.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	18.48	12.21	0.00	10.23	91.85	ppb
Selenium	78-2	1.93	1.91	0.93	1.59	36.18	ppb
Selenium	82-1	-8.48	-10.13	-11.62	-10.08		ppb
Silicon	28-1	8757.89	8777.22	8846.79	8793.97	0.53	ppb
Silver	109-1	0.05	0.08	0.07	0.07	19.63	ppb
Silver	107-1	0.07	0.08	0.07	0.07	7.18	ppb
Sodium	23-2	2128919.01	2113017.76	2154906.81	2132281.19	0.99	ppb
Strontium	86-1	2270.47	2266.37	2289.52	2275.45	0.54	ppb
Strontium	88-1	2278.94	2278.71	2271.94	2276.53	0.17	ppb
Sulfur	34-1	1357495.62	1366971.37	1384989.80	1369818.93	1.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.17	0.19	0.20	14.31	ppb
Thallium	205-1	0.20	0.23	0.26	0.23	13.92	ppb
Tin	118-1	2.57	2.54	2.55	2.55	0.57	ppb
Titanium	47-1	3.33	3.58	3.46	3.46	3.64	ppb
Uranium	238-1	28.17	27.87	28.10	28.05	0.56	ppb
Vanadium	51-2	2.05	2.00	2.01	2.02	1.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.16	11.56	11.22	11.31	1.93	ppb
Zirconium	90-1	1.36	1.34	1.33	1.34	0.93	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-10	Instrumnet Name :	P8
Client Sample ID :	WP022MW357-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:30:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.32	1.35	1.34	1.34	1.08	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-11	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:33:46	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.02	50.80	39.02	41.28	20.87	ppb
Antimony	121-1	1.61	1.72	1.58	1.64	4.54	ppb
Arsenic	75-2	43.40	45.09	45.39	44.63	2.40	ppb
Barium	135-1	33.33	38.25	35.12	35.57	7.00	ppb
Barium	137-1	34.00	38.71	34.50	35.74	7.23	ppb
Beryllium	9-1	0.14	0.16	0.13	0.14	11.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	289.60	313.85	292.56	298.67	4.43	ppb
Boron	11-1	281.94	307.38	297.83	295.71	4.35	ppb
Cadmium	111-1	0.38	0.26	0.36	0.33	18.68	ppb
Cadmium	106-1	1.28	0.07	1.02	0.79	81.04	ppb
Cadmium	108-1	0.48	0.80	0.37	0.55	40.59	ppb
Calcium	43-1	586089.21	663544.23	603051.04	617561.50	6.59	ppb
Calcium	44-1	593257.66	664634.14	611910.06	623267.28	5.94	ppb
Chromium	52-2	5.42	5.12	4.81	5.12	5.97	ppb
Cobalt	59-2	459.58	458.61	454.23	457.48	0.62	ppb
Copper	63-2	26.31	26.19	25.65	26.05	1.36	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	45614.16	45790.62	45043.15	45482.64	0.86	ppb
Iron	57-2	44451.98	44573.89	43749.95	44258.61	1.00	ppb
Lead	206-1	14.57	16.42	14.82	15.27	6.58	ppb
Lead	207-1	12.84	14.40	13.28	13.51	5.96	ppb
Lead	208-1	13.62	15.24	14.16	14.34	5.78	ppb
Lithium	6-1						%
Magnesium	24-2	113387.60	113447.43	113143.74	113326.26	0.14	ppb
Manganese	55-2	6112.69	6153.10	6058.04	6107.94	0.78	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-11	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:33:46	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.74	5.32	4.75	4.94	6.73	ppb
Molybdenum	95-1	1.49	1.64	1.45	1.53	6.50	ppb
Molybdenum	96-1	1.80	1.95	1.90	1.88	4.01	ppb
Molybdenum	97-1	1.49	1.53	1.37	1.46	5.80	ppb
Molybdenum	98-1	1.34	1.55	1.45	1.45	6.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	808.78	807.57	798.75	805.03	0.68	ppb
Phosphorus	31-2	86.77	113.73	31.98	77.49	53.76	ppb
Potassium	39-2	3218.35	3215.93	3177.68	3203.99	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.25	6.28	4.18	86.60	ppb
Selenium	78-2	0.95	-0.07	0.96	0.61	96.72	ppb
Selenium	82-1	-12.52	-16.54	-17.85	-15.64		ppb
Silicon	28-1	11369.48	12659.20	11686.65	11905.11	5.64	ppb
Silver	109-1	0.08	0.09	0.07	0.08	8.52	ppb
Silver	107-1	0.10	0.10	0.09	0.09	6.52	ppb
Sodium	23-2	828596.10	828639.85	807809.47	821681.81	1.46	ppb
Strontium	86-1	1566.06	1763.99	1603.56	1644.54	6.39	ppb
Strontium	88-1	1562.22	1736.75	1579.79	1626.25	5.91	ppb
Sulfur	34-1	704109.99	784923.46	716339.41	735124.29	5.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.10	0.06	0.09	24.66	ppb
Thallium	205-1	0.08	0.08	0.10	0.09	14.64	ppb
Tin	118-1	2.11	2.40	2.11	2.21	7.62	ppb
Titanium	47-1	2.47	3.08	2.92	2.82	11.23	ppb
Uranium	238-1	3.94	4.53	4.22	4.23	6.92	ppb
Vanadium	51-2	90.67	92.60	89.92	91.06	1.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	39.92	37.22	38.44	38.53	3.51	ppb
Zirconium	90-1	2.50	2.86	2.50	2.62	7.85	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-11	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:33:46	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.49	2.58	2.51	2.53	1.95	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0435-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:36:58	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.62	3.66	0.28	4.19	100.24	ppb
Antimony	121-1	1.49	1.57	1.58	1.55	3.25	ppb
Arsenic	75-2	1.11	1.08	1.06	1.09	2.36	ppb
Barium	135-1	51.59	50.41	49.59	50.53	1.99	ppb
Barium	137-1	50.41	49.81	49.76	49.99	0.73	ppb
Beryllium	9-1	0.07	0.09	0.04	0.06	40.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	310.58	319.65	335.47	321.90	3.91	ppb
Boron	11-1	320.89	322.56	331.02	324.83	1.67	ppb
Cadmium	111-1	0.13	0.08	0.03	0.08	59.96	ppb
Cadmium	106-1	0.76	0.10	-0.35	0.17	327.25	ppb
Cadmium	108-1	0.04	0.15	0.08	0.09	63.44	ppb
Calcium	43-1	123119.53	124439.81	125781.02	124446.79	1.07	ppb
Calcium	44-1	122488.39	122209.41	123918.14	122871.98	0.75	ppb
Chromium	52-2	2.28	2.54	2.62	2.48	7.19	ppb
Cobalt	59-2	0.11	0.11	0.06	0.10	29.29	ppb
Copper	63-2	3.91	4.27	4.41	4.20	6.16	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	6.85	7.54	7.22	7.20	4.79	ppb
Iron	57-2	6.56	12.93	5.25	8.25	49.83	ppb
Lead	206-1	0.10	0.11	0.11	0.10	3.90	ppb
Lead	207-1	0.08	0.07	0.06	0.07	14.68	ppb
Lead	208-1	0.10	0.08	0.09	0.09	9.13	ppb
Lithium	6-1						%
Magnesium	24-2	25786.31	26272.90	26722.73	26260.64	1.78	ppb
Manganese	55-2	30.45	30.10	29.85	30.13	1.00	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0435-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:36:58	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.23	1.25	1.25	1.24	0.98	ppb
Molybdenum	95-1	1.62	1.50	1.47	1.53	5.33	ppb
Molybdenum	96-1	1.47	1.53	1.55	1.52	2.80	ppb
Molybdenum	97-1	1.54	1.80	1.64	1.66	8.09	ppb
Molybdenum	98-1	1.61	1.50	1.53	1.55	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.66	7.54	8.16	7.79	4.23	ppb
Phosphorus	31-2	3.04	-21.26	-21.26	-13.16		ppb
Potassium	39-2	1774.87	1814.73	1852.64	1814.08	2.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	5.86	11.76	5.87	100.10	ppb
Selenium	78-2	4.70	0.83	3.72	3.08	65.36	ppb
Selenium	82-1	-2.22	-2.40	-4.17	-2.93		ppb
Silicon	28-1	13094.29	13113.40	13200.29	13135.99	0.43	ppb
Silver	109-1	0.06	0.06	0.05	0.06	12.62	ppb
Silver	107-1	0.07	0.04	0.05	0.05	23.77	ppb
Sodium	23-2	82036.27	83728.11	86973.63	84246.00	2.98	ppb
Strontium	86-1	869.74	854.47	852.56	858.92	1.10	ppb
Strontium	88-1	860.97	840.69	836.94	846.20	1.53	ppb
Sulfur	34-1	26599.92	26328.88	26905.47	26611.42	1.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.03	0.03	22.89	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	18.14	ppb
Tin	118-1	2.71	1.81	1.78	2.10	25.25	ppb
Titanium	47-1	1.63	1.40	1.09	1.37	19.50	ppb
Uranium	238-1	3.63	3.62	3.67	3.64	0.65	ppb
Vanadium	51-2	3.69	3.53	3.47	3.56	3.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.38	1.37	1.24	1.33	5.78	ppb
Zirconium	90-1	0.08	0.09	0.07	0.08	11.70	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0435-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:36:58	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.10	0.10	0.09	24.81	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-14	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:40:07	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.36	5.70	7.73	7.59	24.14	ppb
Antimony	121-1	1.37	1.39	1.37	1.38	1.19	ppb
Arsenic	75-2	27.88	28.68	27.89	28.15	1.63	ppb
Barium	135-1	31.23	31.58	31.83	31.55	0.96	ppb
Barium	137-1	31.27	31.41	31.53	31.40	0.40	ppb
Beryllium	9-1	0.02	0.06	0.03	0.03	56.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	290.04	298.07	303.82	297.31	2.33	ppb
Boron	11-1	291.31	294.64	302.89	296.28	2.01	ppb
Cadmium	111-1	0.24	0.30	0.33	0.29	14.71	ppb
Cadmium	106-1	-0.07	0.67	0.87	0.49	101.03	ppb
Cadmium	108-1	0.46	0.46	0.46	0.46	0.27	ppb
Calcium	43-1	588197.19	594545.82	591534.29	591425.76	0.54	ppb
Calcium	44-1	591420.39	596252.63	598123.09	595265.37	0.58	ppb
Chromium	52-2	0.71	0.77	0.99	0.83	18.17	ppb
Cobalt	59-2	470.15	464.76	474.91	469.94	1.08	ppb
Copper	63-2	9.37	9.70	10.16	9.74	4.10	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	34979.96	34357.09	35433.43	34923.49	1.55	ppb
Iron	57-2	34257.28	33783.84	34700.68	34247.27	1.34	ppb
Lead	206-1	5.27	5.39	5.29	5.32	1.14	ppb
Lead	207-1	4.70	5.03	4.87	4.87	3.45	ppb
Lead	208-1	4.95	5.12	5.10	5.05	1.77	ppb
Lithium	6-1						%
Magnesium	24-2	112523.45	112886.11	115144.44	113518.00	1.25	ppb
Manganese	55-2	6088.78	6021.55	6174.56	6094.96	1.26	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-14	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:40:07	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.33	3.24	3.54	3.37	4.55	ppb
Molybdenum	95-1	0.99	0.95	0.91	0.95	4.59	ppb
Molybdenum	96-1	1.26	1.30	1.23	1.26	2.98	ppb
Molybdenum	97-1	1.13	1.10	1.06	1.10	3.22	ppb
Molybdenum	98-1	0.95	0.92	1.08	0.98	8.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	828.39	820.35	840.83	829.86	1.24	ppb
Phosphorus	31-2	4.81	-21.26	-21.26	-12.57		ppb
Potassium	39-2	3182.44	3210.43	3259.01	3217.29	1.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.08	2.03	173.21	ppb
Selenium	78-2	-0.10	0.90	-1.10	-0.10		ppb
Selenium	82-1	-9.97	-14.58	-15.77	-13.44		ppb
Silicon	28-1	10953.07	11135.37	11061.03	11049.82	0.83	ppb
Silver	109-1	0.04	0.04	0.03	0.04	15.06	ppb
Silver	107-1	0.03	0.03	0.04	0.04	11.35	ppb
Sodium	23-2	832121.18	821928.69	837340.24	830463.37	0.94	ppb
Strontium	86-1	1540.72	1555.78	1539.43	1545.31	0.59	ppb
Strontium	88-1	1537.70	1542.14	1544.44	1541.43	0.22	ppb
Sulfur	34-1	697681.75	705071.06	701207.10	701319.97	0.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.05	0.08	0.07	20.77	ppb
Thallium	205-1	0.05	0.05	0.06	0.06	7.00	ppb
Tin	118-1	1.52	1.59	1.56	1.55	2.15	ppb
Titanium	47-1	1.05	1.20	1.25	1.17	9.19	ppb
Uranium	238-1	3.90	3.91	3.96	3.92	0.80	ppb
Vanadium	51-2	85.65	84.04	85.82	85.17	1.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	39.00	41.32	39.35	39.89	3.14	ppb
Zirconium	90-1	1.73	1.77	1.80	1.77	2.10	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-14	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:40:07	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.92	1.94	1.65	1.84	8.78	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:43:19	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48074.42	48790.27	46588.14	47817.61	2.35	ppb
Antimony	121-1	445.86	454.46	450.65	450.33	0.96	ppb
Arsenic	75-2	503.36	504.28	502.29	503.31	0.20	ppb
Barium	135-1	2499.73	2525.94	2485.11	2503.59	0.83	ppb
Barium	137-1	2493.64	2480.70	2437.36	2470.57	1.19	ppb
Beryllium	9-1	523.44	525.31	519.43	522.72	0.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	523.15	541.17	552.71	539.01	2.76	ppb
Boron	11-1	525.06	537.09	537.37	533.17	1.32	ppb
Cadmium	111-1	469.59	468.07	463.89	467.19	0.63	ppb
Cadmium	106-1	477.50	476.11	472.04	475.22	0.60	ppb
Cadmium	108-1	471.89	481.28	464.98	472.72	1.73	ppb
Calcium	43-1	248418.18	246940.15	245123.74	246827.36	0.67	ppb
Calcium	44-1	251847.03	247347.27	246041.17	248411.82	1.23	ppb
Chromium	52-2	518.85	529.76	504.57	517.72	2.44	ppb
Cobalt	59-2	506.54	518.53	493.24	506.10	2.50	ppb
Copper	63-2	1014.32	1037.91	981.57	1011.27	2.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126002.36	129235.11	123498.59	126245.35	2.28	ppb
Iron	57-2	125252.59	129321.80	124656.12	126410.17	2.01	ppb
Lead	206-1	514.82	513.90	513.79	514.17	0.11	ppb
Lead	207-1	517.89	514.94	513.81	515.55	0.41	ppb
Lead	208-1	519.19	513.13	513.00	515.11	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	242091.76	247090.97	236337.34	241840.02	2.23	ppb
Manganese	55-2	994.33	1016.10	963.84	991.42	2.65	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:43:19	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2563.07	2573.31	2543.22	2559.87	0.60	ppb
Molybdenum	95-1	2532.82	2565.63	2532.68	2543.71	0.75	ppb
Molybdenum	96-1	2546.01	2567.25	2527.70	2546.99	0.78	ppb
Molybdenum	97-1	2556.29	2577.53	2528.56	2554.13	0.96	ppb
Molybdenum	98-1	2532.48	2570.96	2527.51	2543.65	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.84	525.49	496.46	513.26	2.93	ppb
Phosphorus	31-2	9393.63	10120.00	8957.18	9490.27	6.19	ppb
Potassium	39-2	126246.81	127903.30	124111.03	126087.04	1.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	534.06	452.70	506.14	497.63	8.31	ppb
Selenium	78-2	448.65	460.51	437.36	448.84	2.58	ppb
Selenium	82-1	494.48	489.90	490.96	491.78	0.49	ppb
Silicon	28-1	508.00	497.76	496.57	500.77	1.26	ppb
Silver	109-1	484.04	485.76	477.84	482.55	0.86	ppb
Silver	107-1	484.75	492.35	476.66	484.59	1.62	ppb
Sodium	23-2	252465.67	257496.27	245786.79	251916.24	2.33	ppb
Strontium	86-1	506.54	508.73	506.72	507.33	0.24	ppb
Strontium	88-1	518.13	520.04	517.26	518.48	0.27	ppb
Sulfur	34-1	8289.82	7932.94	7830.66	8017.81	3.01	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	521.76	515.15	513.07	516.66	0.88	ppb
Thallium	205-1	517.88	507.00	505.79	510.22	1.31	ppb
Tin	118-1	494.82	506.18	491.19	497.40	1.57	ppb
Titanium	47-1	2595.70	2555.61	2536.61	2562.64	1.18	ppb
Uranium	238-1	527.12	516.68	518.94	520.92	1.05	ppb
Vanadium	51-2	512.11	522.21	496.44	510.25	2.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1010.26	1027.08	990.73	1009.35	1.80	ppb
Zirconium	90-1	513.84	510.34	513.14	512.44	0.36	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:43:19	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.12	499.25	494.74	497.70	0.52	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:46:22	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.68	1.66	0.08	2.14	109.05	ppb
Antimony	121-1	0.20	0.22	0.21	0.21	5.72	ppb
Arsenic	75-2	-0.01	0.04	0.02	0.02	131.60	ppb
Barium	135-1	-0.01	0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.01	0.00	210.51	ppb
Beryllium	9-1	0.38	0.27	0.28	0.31	19.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.23	20.22	19.84	21.43	11.34	ppb
Boron	11-1	23.62	22.26	22.53	22.80	3.15	ppb
Cadmium	111-1	0.07	0.04	0.04	0.05	33.72	ppb
Cadmium	106-1	0.28	-0.18	-0.44	-0.11		ppb
Cadmium	108-1	0.10	0.10	0.00	0.07	88.22	ppb
Calcium	43-1	-4.48	-1.54	-5.06	-3.69		ppb
Calcium	44-1	34.23	34.16	33.64	34.01	0.94	ppb
Chromium	52-2	-0.06	0.00	0.03	-0.01		ppb
Cobalt	59-2	0.00	0.02	0.02	0.01	117.18	ppb
Copper	63-2	0.41	0.37	0.34	0.37	8.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.60	2.83	3.01	2.81	7.21	ppb
Iron	57-2	6.31	5.50	1.66	4.49	55.34	ppb
Lead	206-1	0.01	0.01	0.00	0.01	122.43	ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	0.00	0.01	0.00	0.00	75.76	ppb
Lithium	6-1						%
Magnesium	24-2	0.31	1.81	1.67	1.26	65.84	ppb
Manganese	55-2	0.07	0.09	0.20	0.12	59.35	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:46:22	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.22	0.21	0.22	4.74	ppb
Molybdenum	95-1	0.26	0.23	0.25	0.25	6.21	ppb
Molybdenum	96-1	0.34	0.26	0.25	0.29	18.17	ppb
Molybdenum	97-1	0.30	0.24	0.29	0.28	11.04	ppb
Molybdenum	98-1	0.26	0.28	0.17	0.24	23.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.14	-0.14	-0.13		ppb
Phosphorus	31-2	0.93	1.32	-21.26	-6.34		ppb
Potassium	39-2	2.35	32.11	13.68	16.05	93.58	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	-1.10	0.63	-1.10	-0.52		ppb
Selenium	82-1	0.26	-0.73	-0.58	-0.35		ppb
Silicon	28-1	-9.64	-9.77	-11.26	-10.22		ppb
Silver	109-1	0.03	0.04	0.03	0.04	17.40	ppb
Silver	107-1	0.02	0.30	0.02	0.11	143.39	ppb
Sodium	23-2	203.90	183.33	184.14	190.46	6.12	ppb
Strontium	86-1	-0.01	0.05	0.04	0.03	117.47	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	90.62	ppb
Sulfur	34-1	-2128.79	-1982.24	-2034.43	-2048.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.08	0.08	0.08	2.61	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	6.53	ppb
Tin	118-1	0.04	0.00	0.03	0.02	106.31	ppb
Titanium	47-1	0.03	0.06	0.00	0.03	94.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.02	0.00	0.02	82.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.03	-0.11	0.00	-0.05		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	33.64	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:46:22	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	0.03	0.02	74.22	ppb

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:46:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	126	142	92	120	21.35	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	17	42	33	31	41.66	cps
Barium	137-1	92	58	33	61	47.89	cps
Beryllium	9-1	222	256	150	209	25.79	cps
Bismuth	209-1	4053897	4042629	4147162	4081230	1.41	cps
Bismuth	209-2	1051591	1044052	1049983	1048542	0.38	cps
Boron	10-1	375	342	367	361	4.81	cps
Boron	11-1	1867	1925	2059	1950	5.04	cps
Cadmium	111-1	550	664	539	584	11.88	cps
Cadmium	106-1	750	925	758	811	12.17	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	992	1067	1017	1025	3.73	cps
Calcium	44-1	15067	15501	15367	15312	1.45	cps
Chromium	52-2	300	283	230	271	13.49	cps
Cobalt	59-2	60	63	57	60	5.55	cps
Copper	63-2	123	123	113	120	4.81	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	6062125	6112813	6144662	6106533	0.68	cps
Holmium	165-2	1307811	1295772	1294529	1299371	0.56	cps
Indium	115-1	5076024	5088865	5096383	5087091	0.20	cps
Indium	115-2	234832	231900	229223	231985	1.21	cps
Iron	56-2	1161	1245	1361	1256	8.00	cps
Iron	57-2	22	11	28	20	41.67	cps
Lead	206-1	322	211	333	289	23.40	cps
Lead	207-1	289	306	289	294	3.27	cps
Lead	208-1	1245	1161	1211	1206	3.48	cps
Lithium	6-1	798511	798668	802846	800008	0.31	cps
Magnesium	24-2	325	225	267	272	18.45	cps
Manganese	55-2	13	13	33	20	57.74	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:46:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	133	208	158	27.35	cps
Molybdenum	95-1	50	83	100	78	32.74	cps
Molybdenum	96-1	92	108	133	111	18.88	cps
Molybdenum	97-1	67	42	100	69	42.14	cps
Molybdenum	98-1	67	133	117	106	32.87	cps
Neodymium	150-1	40	7	7	18	108.23	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	200	217	190	202	6.66	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2500	2367	2717	2528	6.99	cps
Rhodium	103-1	4564854	4579096	4647574	4597175	0.96	cps
Rhodium	103-2	1249774	1239230	1242954	1243986	0.43	cps
Scandium	45-1	2807590	2804760	2847780	2820043	0.85	cps
Scandium	45-2	25363	24709	24729	24933	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	25	-72	30	-6	-1047.71	cps
Silicon	28-1	393713	393884	393308	393635	0.08	cps
Silver	109-1	75	42	17	44	65.84	cps
Silver	107-1	100	83	83	89	10.83	cps
Sodium	23-2	12181	12790	12790	12587	2.79	cps
Strontium	86-1	367	550	392	436	22.80	cps
Strontium	88-1	158	133	125	139	12.49	cps
Sulfur	34-1	374747	373951	376309	375002	0.32	cps
Terbium	159-1	6320441	6320169	6332656	6324422	0.11	cps
Terbium	159-2	1261287	1252841	1245852	1253327	0.62	cps
Thallium	203-1	183	175	258	206	22.33	cps
Thallium	205-1	558	325	325	403	33.45	cps
Tin	118-1	750	667	683	700	6.30	cps
Titanium	47-1	125	117	100	114	11.18	cps
Uranium	238-1	83	175	133	131	35.15	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Yttrium	89-1	5223215	5215236	5282772	5240408	0.70	cps
Yttrium	89-2	174134	174242	172436	173604	0.58	cps
Zinc	66-2	43	23	60	42	43.49	cps
Zirconium	90-1	317	308	317	314	1.53	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:46:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	67	50	58	14.29	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 16:53:55 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	83	75	106	43.48	cps
Antimony	121-1	14198	15264	14983	14815	3.73	cps
Arsenic	75-2	76	119	85	93	24.03	cps
Barium	135-1	15260	15443	15293	15332	0.64	cps
Barium	137-1	25676	26294	25768	25912	1.29	cps
Beryllium	9-1	1133	878	1083	1032	13.13	cps
Bismuth	209-1	4059257	4053956	4090755	4067989	0.49	cps
Bismuth	209-2	1039597	1043832	1044413	1042614	0.25	cps
Boron	10-1	2850	2775	2884	2837	1.96	cps
Boron	11-1	13065	13357	13565	13329	1.89	cps
Cadmium	111-1	2105	2211	2176	2164	2.50	cps
Cadmium	106-1	1058	1142	1075	1092	4.04	cps
Cadmium	108-1	88	108	79	92	16.39	cps
Calcium	43-1	8570	8536	8053	8386	3.45	cps
Calcium	44-1	134799	136340	135960	135700	0.59	cps
Chromium	52-2	1783	1600	1717	1700	5.46	cps
Cobalt	59-2	1633	1473	1677	1595	6.72	cps
Copper	63-2	2777	2440	2620	2613	6.45	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	50	17	33	50.00	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	6012179	6050658	6073748	6045528	0.51	cps
Holmium	165-2	1297064	1297605	1295874	1296848	0.07	cps
Indium	115-1	5025495	5014571	4945687	4995251	0.87	cps
Indium	115-2	231604	229622	229741	230322	0.48	cps
Iron	56-2	24478	24377	24767	24541	0.82	cps
Iron	57-2	589	522	606	572	7.71	cps
Lead	206-1	4607	4662	5057	4775	5.14	cps
Lead	207-1	4256	4234	3995	4162	3.48	cps
Lead	208-1	18906	19501	19240	19216	1.55	cps
Lithium	6-1	793620	801476	796985	797360	0.49	cps
Magnesium	24-2	11889	12139	11947	11992	1.09	cps
Manganese	55-2	230	257	270	252	8.07	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:53:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12323	11606	12048	11992	3.02	cps
Molybdenum	95-1	14241	15076	14358	14558	3.10	cps
Molybdenum	96-1	16611	15635	16035	16094	3.05	cps
Molybdenum	97-1	9087	9178	9220	9162	0.74	cps
Molybdenum	98-1	22787	23037	22244	22689	1.79	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	677	613	670	653	5.33	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	9270	9670	9604	9515	2.25	cps
Rhodium	103-1	4590162	4614033	4654898	4619698	0.71	cps
Rhodium	103-2	1237861	1236205	1235274	1236447	0.11	cps
Scandium	45-1	2810976	2795521	2818771	2808423	0.42	cps
Scandium	45-2	24835	24802	24138	24592	1.60	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	17	7	15	13	37.79	cps
Selenium	82-1	417	499	411	442	11.14	cps
Silicon	28-1	441521	444012	442315	442616	0.29	cps
Silver	109-1	7161	7469	7044	7224	3.04	cps
Silver	107-1	6810	7094	7753	7219	6.70	cps
Sodium	23-2	41269	39882	41612	40921	2.24	cps
Strontium	86-1	2650	2300	2134	2361	11.17	cps
Strontium	88-1	16786	17120	16519	16808	1.79	cps
Sulfur	34-1	377953	379261	378049	378421	0.19	cps
Terbium	159-1	6243350	6301376	6256325	6267017	0.49	cps
Terbium	159-2	1248948	1253530	1247152	1249876	0.26	cps
Thallium	203-1	5993	5485	5777	5752	4.44	cps
Thallium	205-1	13074	14342	13166	13527	5.23	cps
Tin	118-1	24540	24415	24957	24638	1.15	cps
Titanium	47-1	3926	3701	3834	3820	2.96	cps
Uranium	238-1	17488	17455	17897	17613	1.40	cps
Vanadium	51-2	2394	2484	2380	2419	2.32	cps
Yttrium	89-1	5230307	5144023	5241181	5205170	1.02	cps
Yttrium	89-2	172109	173061	173101	172757	0.32	cps
Zinc	66-2	300	270	257	276	8.06	cps
Zirconium	90-1	10188	10963	10596	10582	3.67	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:53:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2317	2450	2117	2295	7.31	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 16:57:29 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5476	5910	5518	5635	4.24	cps
Antimony	121-1	411141	407810	407313	408755	0.51	cps
Arsenic	75-2	4640	4712	4745	4699	1.15	cps
Barium	135-1	429053	426102	428192	427782	0.35	cps
Barium	137-1	730528	736682	735779	734330	0.45	cps
Beryllium	9-1	51325	51983	51309	51539	0.75	cps
Bismuth	209-1	4059351	3996450	4060049	4038617	0.90	cps
Bismuth	209-2	1050665	1039479	1040147	1043430	0.60	cps
Boron	10-1	6068	5835	5977	5960	1.97	cps
Boron	11-1	27661	29039	28796	28499	2.58	cps
Cadmium	111-1	87019	86093	85772	86294	0.75	cps
Cadmium	106-1	9646	10179	9429	9751	3.96	cps
Cadmium	108-1	5893	6210	6235	6113	3.12	cps
Calcium	43-1	83373	84647	83230	83750	0.93	cps
Calcium	44-1	1388046	1387286	1404407	1393246	0.69	cps
Chromium	52-2	37748	37179	37079	37335	0.97	cps
Cobalt	59-2	80042	79324	79438	79601	0.48	cps
Copper	63-2	133890	134466	135778	134712	0.72	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	33	42	17	31	41.66	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	6157911	6096705	6092175	6115597	0.60	cps
Holmium	165-2	1310842	1293010	1306460	1303437	0.71	cps
Indium	115-1	5076392	5024619	5026661	5042557	0.58	cps
Indium	115-2	233070	231523	232257	232283	0.33	cps
Iron	56-2	1257354	1259236	1256117	1257569	0.12	cps
Iron	57-2	31297	32188	31681	31722	1.41	cps
Lead	206-1	256394	253202	255097	254897	0.63	cps
Lead	207-1	227775	227001	231399	228725	1.03	cps
Lead	208-1	1029808	1025926	1036485	1030739	0.52	cps
Lithium	6-1	801955	798094	798914	799654	0.25	cps
Magnesium	24-2	135212	134396	134439	134682	0.34	cps
Manganese	55-2	22014	22088	22158	22087	0.33	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:57:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	662183	664645	656062	660963	0.67	cps
Molybdenum	95-1	806730	806027	805758	806172	0.06	cps
Molybdenum	96-1	902002	900431	889701	897378	0.75	cps
Molybdenum	97-1	502722	508511	505064	505432	0.58	cps
Molybdenum	98-1	1314094	1298104	1293747	1301982	0.82	cps
Neodymium	150-1	33	33	40	36	10.82	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	22775	23781	22912	23156	2.35	cps
Phosphorus	31-2	425	425	292	381	20.23	cps
Potassium	39-2	43125	41579	43008	42571	2.02	cps
Rhodium	103-1	4636958	4613013	4634550	4628173	0.28	cps
Rhodium	103-2	1235688	1237527	1238473	1237229	0.11	cps
Scandium	45-1	2848195	2828712	2818958	2831955	0.53	cps
Scandium	45-2	25206	24341	23981	24509	2.57	cps
Selenium	77-2	33	27	37	32	15.80	cps
Selenium	78-2	111	107	124	114	7.67	cps
Selenium	82-1	5221	5082	5356	5220	2.62	cps
Silicon	28-1	570769	579525	576557	575617	0.77	cps
Silver	109-1	399214	393575	402240	398343	1.10	cps
Silver	107-1	412118	414329	413357	413268	0.27	cps
Sodium	23-2	323962	323195	323306	323488	0.13	cps
Strontium	86-1	104708	104960	104255	104641	0.34	cps
Strontium	88-1	924366	919964	915373	919901	0.49	cps
Sulfur	34-1	399511	394642	394358	396171	0.73	cps
Terbium	159-1	6364572	6324345	6296877	6328598	0.54	cps
Terbium	159-2	1268618	1252965	1259955	1260513	0.62	cps
Thallium	203-1	308619	310940	312238	310599	0.59	cps
Thallium	205-1	738911	741056	745343	741770	0.44	cps
Tin	118-1	273402	272505	274431	273446	0.35	cps
Titanium	47-1	207711	204092	208150	206651	1.08	cps
Uranium	238-1	1004748	1000579	989797	998375	0.77	cps
Vanadium	51-2	27450	27698	28102	27750	1.18	cps
Yttrium	89-1	5246518	5281077	5217614	5248403	0.61	cps
Yttrium	89-2	174205	173928	173750	173961	0.13	cps
Zinc	66-2	12369	12519	12916	12601	2.24	cps
Zirconium	90-1	554216	562409	558317	558314	0.73	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 16:57:29	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	123440	122725	124070	123411	0.55	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 17:01:01 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14892	14091	13707	14230	4.25	cps
Antimony	121-1	996489	1027334	1018217	1014013	1.56	cps
Arsenic	75-2	11420	11686	11490	11532	1.20	cps
Barium	135-1	1042080	1070708	1052091	1054959	1.38	cps
Barium	137-1	1824190	1877752	1843104	1848349	1.47	cps
Beryllium	9-1	124910	127762	127106	126593	1.18	cps
Bismuth	209-1	3971483	4096446	4096635	4054855	1.78	cps
Bismuth	209-2	1039436	1043014	1048138	1043529	0.42	cps
Boron	10-1	14524	15300	15259	15028	2.90	cps
Boron	11-1	66028	68406	69393	67942	2.55	cps
Cadmium	111-1	206843	214311	211580	210911	1.79	cps
Cadmium	106-1	22436	23872	22912	23073	3.17	cps
Cadmium	108-1	14671	14996	15038	14902	1.35	cps
Calcium	43-1	201856	211014	205153	206008	2.25	cps
Calcium	44-1	3355250	3462840	3395008	3404366	1.60	cps
Chromium	52-2	90671	90275	91235	90727	0.53	cps
Cobalt	59-2	194078	192976	194348	193801	0.38	cps
Copper	63-2	331712	332511	332815	332346	0.17	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	33	17	22	43.30	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	6036541	6270452	6166215	6157736	1.90	cps
Holmium	165-2	1308071	1308316	1316675	1311021	0.37	cps
Indium	115-1	4914771	5060960	5021693	4999141	1.51	cps
Indium	115-2	229717	229297	230866	229960	0.35	cps
Iron	56-2	3109942	3106932	3129802	3115558	0.40	cps
Iron	57-2	77325	77269	78621	77738	0.98	cps
Lead	206-1	613284	634038	632065	626462	1.83	cps
Lead	207-1	555730	574102	570700	566844	1.72	cps
Lead	208-1	2496583	2576079	2569013	2547225	1.73	cps
Lithium	6-1	775902	806921	789286	790703	1.97	cps
Magnesium	24-2	329319	326288	332208	329272	0.90	cps
Manganese	55-2	53449	53328	54328	53702	1.02	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1621140	1679964	1664004	1655036	1.84	cps
Molybdenum	95-1	1980181	2066123	2041647	2029317	2.18	cps
Molybdenum	96-1	2226369	2308484	2262019	2265624	1.82	cps
Molybdenum	97-1	1227083	1264889	1252358	1248110	1.54	cps
Molybdenum	98-1	3182912	3295319	3282392	3253541	1.89	cps
Neodymium	150-1	40	40	80	53	43.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	56076	56444	56404	56308	0.36	cps
Phosphorus	31-2	917	858	1017	931	8.61	cps
Potassium	39-2	99239	98771	100784	99598	1.06	cps
Rhodium	103-1	4481984	4630406	4648115	4586835	1.99	cps
Rhodium	103-2	1225895	1223880	1226954	1225576	0.13	cps
Scandium	45-1	2759091	2842470	2821154	2807572	1.54	cps
Scandium	45-2	24622	24264	24552	24479	0.77	cps
Selenium	77-2	90	53	87	77	26.45	cps
Selenium	78-2	278	272	267	272	2.04	cps
Selenium	82-1	12745	13083	13122	12983	1.59	cps
Silicon	28-1	821329	838755	828754	829613	1.05	cps
Silver	109-1	958147	986707	984835	976563	1.64	cps
Silver	107-1	1000831	1036547	1022961	1020113	1.77	cps
Sodium	23-2	772502	772135	778898	774512	0.49	cps
Strontium	86-1	257087	265530	260246	260954	1.63	cps
Strontium	88-1	2225774	2350114	2320267	2298718	2.82	cps
Sulfur	34-1	426179	433718	430043	429980	0.88	cps
Terbium	159-1	6223686	6438901	6344226	6335604	1.70	cps
Terbium	159-2	1258271	1265005	1272810	1265362	0.58	cps
Thallium	203-1	758291	784770	773123	772061	1.72	cps
Thallium	205-1	1832130	1882414	1868852	1861132	1.40	cps
Tin	118-1	667076	683606	683523	678068	1.40	cps
Titanium	47-1	504188	526334	516443	515655	2.15	cps
Uranium	238-1	2516965	2644112	2564674	2575250	2.49	cps
Vanadium	51-2	68704	67753	68989	68482	0.95	cps
Yttrium	89-1	5158415	5376485	5299574	5278158	2.10	cps
Yttrium	89-2	173014	171045	174088	172716	0.89	cps
Zinc	66-2	31112	30771	31576	31153	1.30	cps
Zirconium	90-1	1350810	1404669	1403549	1386343	2.22	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300766	311680	305763	306070	1.79	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:04:27	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28179	28079	27477	27912	1.36	cps
Antimony	121-1	2098101	2103047	2103611	2101586	0.14	cps
Arsenic	75-2	23746	23743	23732	23740	0.03	cps
Barium	135-1	2181472	2230317	2207658	2206482	1.11	cps
Barium	137-1	3791560	3800927	3814430	3802306	0.30	cps
Beryllium	9-1	252919	253162	252855	252979	0.06	cps
Bismuth	209-1	4117117	4189934	4168316	4158456	0.90	cps
Bismuth	209-2	1058065	1064133	1059903	1060700	0.29	cps
Boron	10-1	29189	29949	29607	29581	1.29	cps
Boron	11-1	133803	135965	136788	135519	1.14	cps
Cadmium	111-1	427292	434277	432187	431252	0.83	cps
Cadmium	106-1	45837	45352	45010	45400	0.92	cps
Cadmium	108-1	30013	30785	31028	30609	1.73	cps
Calcium	43-1	419196	423282	421668	421382	0.49	cps
Calcium	44-1	6829833	6925604	6818253	6857897	0.86	cps
Chromium	52-2	183147	183805	182297	183083	0.41	cps
Cobalt	59-2	390215	392880	393267	392121	0.42	cps
Copper	63-2	667225	672301	672850	670792	0.46	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	42	50	39	32.73	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	20	3	3	9	108.30	cps
Holmium	165-1	6279666	6369983	6395014	6348221	0.96	cps
Holmium	165-2	1336623	1345180	1342865	1341556	0.33	cps
Indium	115-1	5123537	5162483	5090030	5125350	0.71	cps
Indium	115-2	231589	233048	234383	233007	0.60	cps
Iron	56-2	6277131	6298588	6175353	6250357	1.05	cps
Iron	57-2	157227	159259	156664	157717	0.87	cps
Lead	206-1	1286892	1293473	1298387	1292918	0.45	cps
Lead	207-1	1153210	1172541	1171375	1165709	0.93	cps
Lead	208-1	5287069	5335916	5346097	5323027	0.59	cps
Lithium	6-1	805803	810247	814889	810313	0.56	cps
Magnesium	24-2	663656	667335	666064	665685	0.28	cps
Manganese	55-2	109011	109559	110039	109536	0.47	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3347894	3356204	3373921	3359339	0.40	cps
Molybdenum	95-1	4121274	4147556	4148783	4139204	0.38	cps
Molybdenum	96-1	4639349	4616604	4578055	4611336	0.67	cps
Molybdenum	97-1	2610979	2616368	2615601	2614316	0.11	cps
Molybdenum	98-1	6547739	6613693	6624720	6595384	0.63	cps
Neodymium	150-1	133	100	93	109	19.68	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	114347	112584	112994	113308	0.81	cps
Phosphorus	31-2	1942	1759	1967	1889	6.02	cps
Potassium	39-2	198056	200077	196536	198223	0.90	cps
Rhodium	103-1	4677160	4701736	4719256	4699384	0.45	cps
Rhodium	103-2	1244182	1250930	1246743	1247285	0.27	cps
Scandium	45-1	2868773	2865618	2883727	2872706	0.34	cps
Scandium	45-2	24962	24458	24946	24789	1.16	cps
Selenium	77-2	160	140	197	166	17.36	cps
Selenium	78-2	602	524	515	547	8.74	cps
Selenium	82-1	26252	26450	26213	26305	0.48	cps
Silicon	28-1	1153570	1149298	1159879	1154249	0.46	cps
Silver	109-1	2003476	2025792	2064024	2031097	1.51	cps
Silver	107-1	2149036	2093473	2101799	2114770	1.42	cps
Sodium	23-2	1585796	1599994	1573297	1586362	0.84	cps
Strontium	86-1	530490	538722	532258	533824	0.81	cps
Strontium	88-1	4632797	4669113	4594415	4632109	0.81	cps
Sulfur	34-1	484690	480855	482167	482571	0.40	cps
Terbium	159-1	6534444	6588860	6610182	6577829	0.59	cps
Terbium	159-2	1286722	1295630	1291149	1291167	0.34	cps
Thallium	203-1	1579832	1588453	1588898	1585728	0.32	cps
Thallium	205-1	3834975	3809828	3844329	3829711	0.47	cps
Tin	118-1	1389719	1404389	1382707	1392272	0.79	cps
Titanium	47-1	1047926	1054357	1051523	1051269	0.31	cps
Uranium	238-1	5219931	5198638	5252857	5223809	0.52	cps
Vanadium	51-2	138395	140186	138715	139098	0.69	cps
Yttrium	89-1	5405101	5376386	5332513	5371333	0.68	cps
Yttrium	89-2	177199	175237	176545	176327	0.57	cps
Zinc	66-2	62507	62055	62172	62245	0.38	cps
Zirconium	90-1	2877638	2864461	2854909	2865669	0.40	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:04:27	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	626431	621011	624075	623839	0.44	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:07:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56681	56003	57216	56634	1.07	cps
Antimony	121-1	4179816	4164770	4146920	4163835	0.40	cps
Arsenic	75-2	46684	46718	47145	46849	0.55	cps
Barium	135-1	4383829	4381777	4328322	4364643	0.72	cps
Barium	137-1	7417084	7441497	7412583	7423721	0.21	cps
Beryllium	9-1	495351	496438	495593	495794	0.12	cps
Bismuth	209-1	4152804	4211162	4171227	4178398	0.71	cps
Bismuth	209-2	1051032	1047989	1057730	1052250	0.47	cps
Boron	10-1	57140	57834	58503	57825	1.18	cps
Boron	11-1	268044	272238	270944	270409	0.79	cps
Cadmium	111-1	849429	859441	849326	852732	0.68	cps
Cadmium	106-1	88985	88675	90000	89220	0.78	cps
Cadmium	108-1	61532	61490	60025	61015	1.41	cps
Calcium	43-1	842468	832955	832299	835907	0.68	cps
Calcium	44-1	13655164	13590939	13596099	13614067	0.26	cps
Chromium	52-2	364917	360370	363676	362988	0.65	cps
Cobalt	59-2	774738	770834	775176	773583	0.31	cps
Copper	63-2	1314978	1313608	1319115	1315901	0.22	cps
Dysprosium	156-1	100	33	58	64	52.72	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	50	8	33	66.15	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	6353618	6479705	6373296	6402206	1.06	cps
Holmium	165-2	1345472	1328934	1345163	1339856	0.71	cps
Indium	115-1	5084105	5153176	5117931	5118404	0.67	cps
Indium	115-2	229452	226853	228373	228226	0.57	cps
Iron	56-2	12351586	12305952	12375753	12344430	0.29	cps
Iron	57-2	308343	309404	311816	309855	0.57	cps
Lead	206-1	2621730	2618890	2618669	2619763	0.07	cps
Lead	207-1	2380688	2381746	2378881	2380438	0.06	cps
Lead	208-1	10689125	10661351	10595657	10648711	0.45	cps
Lithium	6-1	794578	804538	797090	798735	0.65	cps
Magnesium	24-2	1351609	1347024	1329953	1342862	0.85	cps
Manganese	55-2	216409	215431	215928	215923	0.23	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:07:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6638556	6671322	6676083	6661987	0.31	cps
Molybdenum	95-1	8110288	8201291	8195747	8169109	0.62	cps
Molybdenum	96-1	9139932	9201235	9160094	9167087	0.34	cps
Molybdenum	97-1	5167646	5180992	5179757	5176132	0.14	cps
Molybdenum	98-1	13167935	13255339	13168667	13197314	0.38	cps
Neodymium	150-1	140	153	213	169	23.13	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	222040	221776	223345	222387	0.38	cps
Phosphorus	31-2	4184	3984	3967	4045	2.98	cps
Potassium	39-2	389938	388473	396105	391505	1.03	cps
Rhodium	103-1	4627178	4674784	4627935	4643299	0.59	cps
Rhodium	103-2	1234171	1228322	1230724	1231073	0.24	cps
Scandium	45-1	2858425	2903923	2869952	2877433	0.82	cps
Scandium	45-2	24986	24475	25083	24848	1.31	cps
Selenium	77-2	340	340	363	348	3.87	cps
Selenium	78-2	1096	1109	1078	1095	1.45	cps
Selenium	82-1	52387	52531	52178	52366	0.34	cps
Silicon	28-1	1881276	1879187	1879070	1879845	0.07	cps
Silver	109-1	4023296	4003144	4004344	4010261	0.28	cps
Silver	107-1	4169316	4159837	4148034	4159062	0.26	cps
Sodium	23-2	3073550	3080994	3073645	3076063	0.14	cps
Strontium	86-1	1070317	1064094	1058705	1064372	0.55	cps
Strontium	88-1	9266293	9138469	9191636	9198799	0.70	cps
Sulfur	34-1	596864	598092	594148	596368	0.34	cps
Terbium	159-1	6512916	6568297	6570660	6550624	0.50	cps
Terbium	159-2	1294303	1288184	1298567	1293684	0.40	cps
Thallium	203-1	3217319	3251445	3207259	3225341	0.72	cps
Thallium	205-1	7557254	7593819	7514669	7555247	0.52	cps
Tin	118-1	2809893	2827973	2785366	2807744	0.76	cps
Titanium	47-1	2132574	2114948	2125481	2124334	0.42	cps
Uranium	238-1	10390798	10361077	10347174	10366350	0.21	cps
Vanadium	51-2	273888	274451	276708	275016	0.54	cps
Yttrium	89-1	5430615	5429562	5440385	5433521	0.11	cps
Yttrium	89-2	176689	175541	174934	175721	0.51	cps
Zinc	66-2	122676	122784	124220	123227	0.70	cps
Zirconium	90-1	5607501	5668072	5645064	5640212	0.54	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1255210	1257643	1251584	1254812	0.24	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 17:11:09 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111854	110512	111905	111424	0.71	cps
Antimony	121-1	8162410	8179597	8144163	8162057	0.22	cps
Arsenic	75-2	92729	92433	92719	92627	0.18	cps
Barium	135-1	8543506	8528152	8546241	8539300	0.11	cps
Barium	137-1	14788697	14788525	14703025	14760082	0.33	cps
Beryllium	9-1	963935	968621	969437	967331	0.31	cps
Bismuth	209-1	4087903	4104658	4080898	4091153	0.30	cps
Bismuth	209-2	1026288	1051947	1036402	1038212	1.24	cps
Boron	10-1	111530	114513	116964	114336	2.38	cps
Boron	11-1	519079	534832	537693	530535	1.89	cps
Cadmium	111-1	1677409	1697549	1716898	1697285	1.16	cps
Cadmium	106-1	171427	173919	174448	173265	0.93	cps
Cadmium	108-1	119498	121142	120524	120388	0.69	cps
Calcium	43-1	1678008	1689140	1668178	1678442	0.62	cps
Calcium	44-1	27063960	27145787	27065990	27091912	0.17	cps
Chromium	52-2	720294	717090	717654	718346	0.24	cps
Cobalt	59-2	1541780	1543231	1545384	1543465	0.12	cps
Copper	63-2	2618354	2576348	2605058	2599920	0.83	cps
Dysprosium	156-1	117	83	58	86	33.98	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	42	25	75	47	53.91	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	42	50	92	61	43.83	cps
Gadolinium	160-2	13	30	7	17	72.11	cps
Holmium	165-1	6389628	6291885	6370126	6350546	0.81	cps
Holmium	165-2	1335340	1358134	1343283	1345586	0.86	cps
Indium	115-1	5021027	5000175	4978563	4999922	0.42	cps
Indium	115-2	221147	225545	222425	223039	1.01	cps
Iron	56-2	24292555	24363769	24275946	24310757	0.19	cps
Iron	57-2	614067	621379	617353	617600	0.59	cps
Lead	206-1	5065386	5103145	5139430	5102654	0.73	cps
Lead	207-1	4667525	4668032	4708007	4681188	0.50	cps
Lead	208-1	20795107	20789161	20857128	20813799	0.18	cps
Lithium	6-1	783538	786306	784105	784650	0.19	cps
Magnesium	24-2	2629360	2638913	2629775	2632683	0.21	cps
Manganese	55-2	425382	427557	426964	426634	0.26	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:11:09	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13222779	13179918	13242793	13215163	0.24	cps
Molybdenum	95-1	16281392	16308773	16432506	16340890	0.49	cps
Molybdenum	96-1	18163094	18154358	18153580	18157010	0.03	cps
Molybdenum	97-1	10264405	10249355	10282632	10265464	0.16	cps
Molybdenum	98-1	26175375	26095464	26038794	26103211	0.26	cps
Neodymium	150-1	413	253	380	349	24.19	cps
Neodymium	150-2	3	13	13	10	57.75	cps
Nickel	60-2	435599	432708	432494	433600	0.40	cps
Phosphorus	31-2	7744	7944	7661	7783	1.87	cps
Potassium	39-2	772275	769060	766209	769182	0.39	cps
Rhodium	103-1	4603180	4540642	4545406	4563076	0.76	cps
Rhodium	103-2	1206830	1230369	1206539	1214580	1.13	cps
Scandium	45-1	2872819	2863904	2846626	2861117	0.47	cps
Scandium	45-2	24652	24365	24989	24669	1.27	cps
Selenium	77-2	707	660	633	667	5.57	cps
Selenium	78-2	2295	2267	2367	2309	2.24	cps
Selenium	82-1	102859	103163	102950	102991	0.15	cps
Silicon	28-1	3142915	3100705	3121417	3121679	0.68	cps
Silver	109-1	7779507	7805728	7859810	7815015	0.52	cps
Silver	107-1	8078654	8138213	8095933	8104267	0.38	cps
Sodium	23-2	5967864	6043721	6019149	6010245	0.64	cps
Strontium	86-1	2144313	2168629	2146319	2153087	0.63	cps
Strontium	88-1	18375834	18433702	18400351	18403296	0.16	cps
Sulfur	34-1	826767	830908	830595	829423	0.28	cps
Terbium	159-1	6526021	6599819	6502477	6542773	0.78	cps
Terbium	159-2	1280948	1302944	1294850	1292914	0.86	cps
Thallium	203-1	6232545	6258992	6310425	6267321	0.63	cps
Thallium	205-1	14737390	14689149	14840429	14755656	0.52	cps
Tin	118-1	5497406	5438989	5455537	5463978	0.55	cps
Titanium	47-1	4118634	4116525	4149896	4128352	0.45	cps
Uranium	238-1	20357085	20491925	20437535	20428848	0.33	cps
Vanadium	51-2	549815	548208	548398	548807	0.16	cps
Yttrium	89-1	5424850	5386564	5377608	5396341	0.46	cps
Yttrium	89-2	175565	176953	175093	175870	0.55	cps
Zinc	66-2	241278	240233	241289	240933	0.25	cps
Zirconium	90-1	11158413	11267708	11177459	11201194	0.52	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:11:09	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2562842	2552506	2541271	2552206	0.42	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:14:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543592	539858	542141	541864	0.35	cps
Antimony	121-1	8208	8867	8659	8578	3.93	cps
Arsenic	75-2	52	33	19	35	48.31	cps
Barium	135-1	2359	2200	2125	2228	5.35	cps
Barium	137-1	3817	3834	3909	3854	1.27	cps
Beryllium	9-1	761	728	694	728	4.58	cps
Bismuth	209-1	3888774	3904015	3912357	3901715	0.31	cps
Bismuth	209-2	980006	975945	974879	976943	0.28	cps
Boron	10-1	4318	4584	4251	4384	4.02	cps
Boron	11-1	22435	20899	19581	20972	6.81	cps
Cadmium	111-1	974	901	779	885	11.14	cps
Cadmium	106-1	1108	1017	850	992	13.21	cps
Cadmium	108-1	21	33	29	28	22.92	cps
Calcium	43-1	8056233	8077966	7980941	8038380	0.63	cps
Calcium	44-1	130071815	130836103	131053211	130653710	0.39	cps
Chromium	52-2	6428	6475	6425	6443	0.43	cps
Cobalt	59-2	1627	1503	1580	1570	3.97	cps
Copper	63-2	2927	2850	2897	2891	1.34	cps
Dysprosium	156-1	58	92	108	86	29.56	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	7	20	3	10	88.20	cps
Gadolinium	160-1	75	58	67	67	12.49	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	6305443	6274785	6312704	6297644	0.32	cps
Holmium	165-2	1317721	1321971	1322733	1320808	0.20	cps
Indium	115-1	4875390	4935966	4859367	4890241	0.83	cps
Indium	115-2	221995	221228	219930	221051	0.47	cps
Iron	56-2	115344847	115133950	114976550	115151782	0.16	cps
Iron	57-2	2967861	2953706	2971713	2964427	0.32	cps
Lead	206-1	9354	9054	9237	9215	1.64	cps
Lead	207-1	8019	7575	7441	7678	3.94	cps
Lead	208-1	36471	35905	35103	35826	1.92	cps
Lithium	6-1	759109	768559	759924	762531	0.69	cps
Magnesium	24-2	12841143	12749552	12810315	12800337	0.36	cps
Manganese	55-2	1120	973	1070	1055	7.07	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:14:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5043	5260	4884	5062	3.72	cps
Molybdenum	95-1	7411	7636	7594	7547	1.59	cps
Molybdenum	96-1	9312	9429	9270	9337	0.88	cps
Molybdenum	97-1	4593	4509	4693	4598	2.00	cps
Molybdenum	98-1	11022	10663	11222	10969	2.58	cps
Neodymium	150-1	107	60	100	89	28.40	cps
Neodymium	150-2	7	7	20	11	69.25	cps
Nickel	60-2	2840	2720	2727	2763	2.44	cps
Phosphorus	31-2	0	33	17	17	99.99	cps
Potassium	39-2	3648432	3603905	3644725	3632354	0.68	cps
Rhodium	103-1	4355308	4340954	4384206	4360156	0.51	cps
Rhodium	103-2	1143630	1137329	1139995	1140318	0.28	cps
Scandium	45-1	2725926	2757751	2766453	2750043	0.78	cps
Scandium	45-2	23921	23650	23450	23674	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	67	60	85	71	18.27	cps
Silicon	28-1	470773	473041	471405	471740	0.25	cps
Silver	109-1	617	533	717	622	14.75	cps
Silver	107-1	583	675	658	639	7.64	cps
Sodium	23-2	28565767	28501054	28465992	28510938	0.18	cps
Strontium	86-1	69092	69318	68957	69122	0.26	cps
Strontium	88-1	592503	598276	598732	596504	0.58	cps
Sulfur	34-1	339565	344721	342064	342117	0.75	cps
Terbium	159-1	6539918	6483215	6460245	6494459	0.63	cps
Terbium	159-2	1270561	1259776	1269241	1266526	0.46	cps
Thallium	203-1	2675	3026	2976	2892	6.55	cps
Thallium	205-1	7261	6402	6485	6716	7.05	cps
Tin	118-1	6010	6444	5902	6118	4.69	cps
Titanium	47-1	792	808	725	775	5.69	cps
Uranium	238-1	1534	1350	1375	1420	7.00	cps
Vanadium	51-2	80	103	90	91	12.85	cps
Yttrium	89-1	5235406	5260960	5271168	5255844	0.35	cps
Yttrium	89-2	171120	170010	170669	170600	0.33	cps
Zinc	66-2	753	867	797	806	7.10	cps
Zirconium	90-1	2217	2092	1892	2067	7.93	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:14:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	467	542	442	483	10.77	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2825	2909	3000	2912	3.01	cps
Antimony	121-1	1588087	1601607	1568047	1585914	1.06	cps
Arsenic	75-2	18153	18025	18342	18173	0.88	cps
Barium	135-1	169538	169031	168348	168973	0.35	cps
Barium	137-1	292881	290101	291688	291557	0.48	cps
Beryllium	9-1	97059	96348	97959	97122	0.83	cps
Bismuth	209-1	4221243	4308756	4226958	4252319	1.15	cps
Bismuth	209-2	1079856	1076102	1065950	1073969	0.67	cps
Boron	10-1	54973	57106	56830	56303	2.06	cps
Boron	11-1	258250	261934	264852	261679	1.26	cps
Cadmium	111-1	171972	173111	172649	172577	0.33	cps
Cadmium	106-1	28690	30127	29467	29428	2.44	cps
Cadmium	108-1	15943	16102	15530	15858	1.86	cps
Calcium	43-1	36214	36858	36457	36510	0.89	cps
Calcium	44-1	580902	579429	579649	579993	0.14	cps
Chromium	52-2	70081	69079	69060	69407	0.84	cps
Cobalt	59-2	152426	151273	151176	151625	0.46	cps
Copper	63-2	130640	131541	129560	130581	0.76	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	83	67	67	72	13.33	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	42	33	75	50	44.10	cps
Gadolinium	160-2	17	3	7	9	78.08	cps
Holmium	165-1	6332459	6258287	6381226	6323991	0.98	cps
Holmium	165-2	1346415	1346623	1336780	1343273	0.42	cps
Indium	115-1	5182073	5131729	5138327	5150710	0.53	cps
Indium	115-2	233154	231950	230822	231975	0.50	cps
Iron	56-2	483230	482937	483856	483341	0.10	cps
Iron	57-2	12050	12534	12206	12263	2.01	cps
Lead	206-1	1037812	1034194	1028239	1033415	0.47	cps
Lead	207-1	901569	900221	899266	900352	0.13	cps
Lead	208-1	4211976	4204784	4146762	4187841	0.85	cps
Lithium	6-1	826499	829540	828001	828013	0.18	cps
Magnesium	24-2	31369	31377	31043	31263	0.61	cps
Manganese	55-2	20696	20953	20796	20815	0.62	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 17:17:45 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3081283	3038965	3053482	3057910	0.70	cps
Molybdenum	95-1	1643295	1661918	1636426	1647213	0.80	cps
Molybdenum	96-1	2114922	2141709	2142405	2133012	0.73	cps
Molybdenum	97-1	1002209	1003866	1008101	1004726	0.30	cps
Molybdenum	98-1	2638938	2658547	2633999	2643828	0.49	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	44598	44464	44284	44449	0.35	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	33975	33215	33006	33399	1.53	cps
Rhodium	103-1	4752129	4777903	4784276	4771436	0.36	cps
Rhodium	103-2	1271282	1270952	1247223	1263152	1.09	cps
Scandium	45-1	2851164	2881115	2863099	2865126	0.53	cps
Scandium	45-2	24592	25039	24812	24814	0.90	cps
Selenium	77-2	123	137	110	123	10.81	cps
Selenium	78-2	426	411	426	421	2.03	cps
Selenium	82-1	20683	20747	20467	20632	0.71	cps
Silicon	28-1	1796143	1793406	1791383	1793644	0.13	cps
Silver	109-1	769378	768281	772148	769936	0.26	cps
Silver	107-1	818105	811255	807020	812127	0.69	cps
Sodium	23-2	134412	134052	133463	133976	0.36	cps
Strontium	86-1	1054110	1057621	1041982	1051238	0.78	cps
Strontium	88-1	9033435	9134716	9043278	9070477	0.62	cps
Sulfur	34-1	355665	350438	354440	353514	0.77	cps
Terbium	159-1	6558465	6579917	6535441	6557941	0.34	cps
Terbium	159-2	1302643	1286150	1280934	1289909	0.88	cps
Thallium	203-1	1274928	1276878	1277262	1276356	0.10	cps
Thallium	205-1	3139505	3110777	3104012	3118098	0.60	cps
Tin	118-1	2805523	2801475	2746443	2784480	1.19	cps
Titanium	47-1	414646	418789	413747	415728	0.65	cps
Uranium	238-1	10640439	10578967	10559658	10593021	0.40	cps
Vanadium	51-2	53237	52736	52669	52881	0.59	cps
Yttrium	89-1	5404991	5382091	5418827	5401970	0.34	cps
Yttrium	89-2	177425	175731	173837	175664	1.02	cps
Zinc	66-2	24749	24625	24589	24654	0.34	cps
Zirconium	90-1	5765434	5816569	5800163	5794055	0.45	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:17:45	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1282865	1274317	1283901	1280361	0.41	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 17:21:43 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	42	28	45.82	cps
Antimony	121-1	1134	1192	1393	1240	10.95	cps
Arsenic	75-2	4	11	0	5	114.60	cps
Barium	135-1	25	58	25	36	53.30	cps
Barium	137-1	58	33	100	64	52.72	cps
Beryllium	9-1	494	456	361	437	15.69	cps
Bismuth	209-1	3890881	4107994	4216049	4071641	4.07	cps
Bismuth	209-2	1054057	1054469	1059196	1055908	0.27	cps
Boron	10-1	3017	2625	2834	2825	6.94	cps
Boron	11-1	13549	13223	12915	13229	2.40	cps
Cadmium	111-1	624	711	522	619	15.30	cps
Cadmium	106-1	817	1000	758	858	14.69	cps
Cadmium	108-1	8	8	25	14	69.31	cps
Calcium	43-1	1075	858	817	917	15.13	cps
Calcium	44-1	13891	14583	14058	14177	2.55	cps
Chromium	52-2	237	280	243	253	9.21	cps
Cobalt	59-2	57	57	67	60	9.62	cps
Copper	63-2	137	177	143	152	14.08	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	33	33	0.02	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	5754071	6129195	6263289	6048852	4.36	cps
Holmium	165-2	1304716	1312615	1316271	1311200	0.45	cps
Indium	115-1	4733791	5028380	5116869	4959680	4.04	cps
Indium	115-2	230250	229305	233644	231066	0.99	cps
Iron	56-2	2617	2506	2450	2524	3.36	cps
Iron	57-2	83	50	67	67	25.00	cps
Lead	206-1	806	683	739	743	8.24	cps
Lead	207-1	628	672	528	609	12.14	cps
Lead	208-1	2917	2572	2678	2722	6.48	cps
Lithium	6-1	753044	798422	807734	786400	3.72	cps
Magnesium	24-2	333	408	267	336	21.09	cps
Manganese	55-2	10	37	17	21	65.74	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:21:43	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	292	358	319	10.86	cps
Molybdenum	95-1	233	283	367	294	22.88	cps
Molybdenum	96-1	408	342	458	403	14.53	cps
Molybdenum	97-1	233	258	225	239	7.26	cps
Molybdenum	98-1	442	542	642	542	18.46	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	150	153	157	5.63	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2959	3025	2917	2967	1.84	cps
Rhodium	103-1	4330922	4664110	4727511	4574181	4.66	cps
Rhodium	103-2	1237828	1240364	1247292	1241828	0.39	cps
Scandium	45-1	2607150	2736808	2829425	2724461	4.10	cps
Scandium	45-2	24859	23700	24084	24214	2.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	33	-40	51	15	332.12	cps
Silicon	28-1	371139	377567	373438	374048	0.87	cps
Silver	109-1	150	175	175	167	8.66	cps
Silver	107-1	67	108	167	114	44.11	cps
Sodium	23-2	14458	14258	14625	14447	1.27	cps
Strontium	86-1	558	317	458	444	27.32	cps
Strontium	88-1	192	175	233	200	15.02	cps
Sulfur	34-1	344866	350056	352800	349241	1.15	cps
Terbium	159-1	5967312	6301137	6426132	6231527	3.81	cps
Terbium	159-2	1265302	1272646	1267757	1268568	0.29	cps
Thallium	203-1	758	800	700	753	6.67	cps
Thallium	205-1	1850	2084	1867	1934	6.73	cps
Tin	118-1	917	1033	917	956	7.05	cps
Titanium	47-1	117	133	167	139	18.33	cps
Uranium	238-1	58	108	175	114	51.39	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	4929899	5192010	5296622	5139511	3.68	cps
Yttrium	89-2	170681	172738	174860	172759	1.21	cps
Zinc	66-2	50	63	63	59	13.07	cps
Zirconium	90-1	367	417	408	397	6.74	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:21:43	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	133	83	117	24.74	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:24:55	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	522999	522363	516394	520585	0.70	cps
Antimony	121-1	8600	8987	9258	8948	3.69	cps
Arsenic	75-2	20	30	37	29	28.79	cps
Barium	135-1	2467	2625	2834	2642	6.96	cps
Barium	137-1	4668	4184	4568	4473	5.71	cps
Beryllium	9-1	667	617	650	644	3.95	cps
Bismuth	209-1	3897803	3878752	3857063	3877873	0.53	cps
Bismuth	209-2	992053	997695	986241	991996	0.58	cps
Boron	10-1	2392	2325	2159	2292	5.25	cps
Boron	11-1	10279	9745	8978	9668	6.76	cps
Cadmium	111-1	1241	1224	1454	1306	9.82	cps
Cadmium	106-1	942	875	1025	947	7.93	cps
Cadmium	108-1	913	913	817	881	6.28	cps
Calcium	43-1	1651979	1663569	1680009	1665186	0.85	cps
Calcium	44-1	26566258	26629700	26600858	26598939	0.12	cps
Chromium	52-2	14448	14488	14351	14429	0.49	cps
Cobalt	59-2	1850	1830	1737	1806	3.35	cps
Copper	63-2	10107	10334	10481	10307	1.83	cps
Dysprosium	156-1	25	17	50	31	56.77	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	50	25	92	56	60.62	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	58	25	17	33	66.14	cps
Gadolinium	160-2	20	23	17	20	16.65	cps
Holmium	165-1	6176745	6127100	6181999	6161948	0.49	cps
Holmium	165-2	1305072	1301221	1293230	1299841	0.46	cps
Indium	115-1	4990007	4969410	5005707	4988374	0.36	cps
Indium	115-2	228086	225495	228226	227269	0.68	cps
Iron	56-2	47733030	47794516	47635065	47720871	0.17	cps
Iron	57-2	1204190	1211102	1207306	1207533	0.29	cps
Lead	206-1	25899	24535	24603	25012	3.07	cps
Lead	207-1	20801	19465	19493	19920	3.83	cps
Lead	208-1	97039	93097	92795	94310	2.51	cps
Lithium	6-1	775635	773701	776784	775373	0.20	cps
Magnesium	24-2	2594323	2607773	2660203	2620766	1.33	cps
Manganese	55-2	1687	1713	1757	1719	2.06	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:24:55	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3539565	3509068	3515420	3521351	0.46	cps
Molybdenum	95-1	6161558	6206201	6170302	6179353	0.38	cps
Molybdenum	96-1	6739325	6656794	6627957	6674692	0.87	cps
Molybdenum	97-1	3960443	3920264	3928122	3936276	0.54	cps
Molybdenum	98-1	9877673	9916001	9942123	9911932	0.33	cps
Neodymium	150-1	40	67	27	44	45.82	cps
Neodymium	150-2	13	0	0	4	173.21	cps
Nickel	60-2	2530	2434	2434	2466	2.26	cps
Phosphorus	31-2	38328	37267	37592	37729	1.44	cps
Potassium	39-2	1568004	1560100	1546387	1558164	0.70	cps
Rhodium	103-1	4436187	4527760	4469060	4477669	1.04	cps
Rhodium	103-2	1187991	1188845	1186957	1187931	0.08	cps
Scandium	45-1	2843505	2825548	2884423	2851159	1.06	cps
Scandium	45-2	24939	25603	24421	24988	2.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	22	40	-31	10	352.58	cps
Silicon	28-1	516209	519987	518390	518195	0.37	cps
Silver	109-1	625	842	833	767	16.01	cps
Silver	107-1	667	958	742	789	19.20	cps
Sodium	23-2	6048845	6028443	6075258	6050849	0.39	cps
Strontium	86-1	71438	70315	70583	70778	0.83	cps
Strontium	88-1	612063	613556	608114	611244	0.46	cps
Sulfur	34-1	2283111	2279677	2238486	2267091	1.10	cps
Terbium	159-1	6284238	6292487	6279501	6285409	0.10	cps
Terbium	159-2	1251691	1248207	1253027	1250975	0.20	cps
Thallium	203-1	1358	1217	1425	1333	7.98	cps
Thallium	205-1	3292	3417	3551	3420	3.78	cps
Tin	118-1	1959	1850	1925	1911	2.90	cps
Titanium	47-1	1655900	1673880	1643211	1657664	0.93	cps
Uranium	238-1	375	400	450	408	9.35	cps
Vanadium	51-2	87	103	77	89	15.16	cps
Yttrium	89-1	5233517	5304812	5303600	5280643	0.77	cps
Yttrium	89-2	173526	174667	173033	173742	0.48	cps
Zinc	66-2	1410	1567	1630	1536	7.38	cps
Zirconium	90-1	725	875	1042	881	17.99	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:24:55	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	200	283	239	17.56	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:28:03	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	513460	521309	515526	516765	0.79	cps
Antimony	121-1	162133	161420	160895	161483	0.38	cps
Arsenic	75-2	1828	1852	1880	1853	1.40	cps
Barium	135-1	35682	35616	35632	35643	0.10	cps
Barium	137-1	61535	60589	61954	61359	1.14	cps
Beryllium	9-1	19809	20910	19619	20113	3.47	cps
Bismuth	209-1	3787867	3805663	3815366	3802965	0.37	cps
Bismuth	209-2	979017	981216	993499	984577	0.79	cps
Boron	10-1	7961	8144	7511	7872	4.14	cps
Boron	11-1	37408	36965	35729	36700	2.37	cps
Cadmium	111-1	32978	33302	33131	33137	0.49	cps
Cadmium	106-1	4926	4868	5076	4957	2.17	cps
Cadmium	108-1	3571	3630	3355	3519	4.12	cps
Calcium	43-1	1645954	1665427	1652733	1654705	0.60	cps
Calcium	44-1	26800791	26659088	26446524	26635467	0.67	cps
Chromium	52-2	28853	28406	28700	28653	0.79	cps
Cobalt	59-2	32221	31917	31933	32024	0.53	cps
Copper	63-2	35706	36695	35940	36114	1.43	cps
Dysprosium	156-1	50	25	8	28	75.51	cps
Dysprosium	156-2	17	20	10	16	32.73	cps
Erbium	164-1	58	83	17	53	63.81	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	100	50	83	78	32.74	cps
Gadolinium	160-2	3	3	20	9	108.30	cps
Holmium	165-1	6032603	6058282	5949240	6013375	0.95	cps
Holmium	165-2	1283720	1281637	1290045	1285134	0.34	cps
Indium	115-1	4890674	4872975	4899237	4887629	0.27	cps
Indium	115-2	223805	223097	223352	223418	0.16	cps
Iron	56-2	47616715	47888969	47186266	47563983	0.74	cps
Iron	57-2	1200687	1204067	1197400	1200718	0.28	cps
Lead	206-1	121112	121167	118975	120418	1.04	cps
Lead	207-1	101257	100215	99762	100411	0.76	cps
Lead	208-1	470157	467572	464327	467352	0.63	cps
Lithium	6-1	764231	777457	773706	771798	0.88	cps
Magnesium	24-2	2581937	2629243	2595152	2602110	0.94	cps
Manganese	55-2	5621	5891	5968	5827	3.13	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:28:03	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3782670	3806011	3844431	3811037	0.82	cps
Molybdenum	95-1	6297440	6305762	6352633	6318612	0.47	cps
Molybdenum	96-1	6825197	6830333	6858284	6837938	0.26	cps
Molybdenum	97-1	4031320	3996061	3978102	4001828	0.68	cps
Molybdenum	98-1	10194991	10048324	10038257	10093857	0.87	cps
Neodymium	150-1	80	47	60	62	26.96	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	11281	11205	11555	11347	1.62	cps
Phosphorus	31-2	37442	38211	37100	37584	1.51	cps
Potassium	39-2	1554857	1557209	1551777	1554614	0.18	cps
Rhodium	103-1	4402346	4459490	4414534	4425457	0.68	cps
Rhodium	103-2	1178828	1186423	1175214	1180155	0.48	cps
Scandium	45-1	2854040	2806268	2794249	2818186	1.12	cps
Scandium	45-2	24826	24572	24685	24694	0.51	cps
Selenium	77-2	23	7	17	16	53.90	cps
Selenium	78-2	57	39	50	49	19.11	cps
Selenium	82-1	2149	1962	2033	2048	4.60	cps
Silicon	28-1	708022	703939	705968	705976	0.29	cps
Silver	109-1	140847	141648	141260	141252	0.28	cps
Silver	107-1	149326	149529	148097	148984	0.52	cps
Sodium	23-2	6031894	6057507	5993514	6027638	0.53	cps
Strontium	86-1	183254	183020	180318	182198	0.90	cps
Strontium	88-1	1601704	1608891	1595617	1602071	0.41	cps
Sulfur	34-1	2265096	2276294	2248700	2263363	0.61	cps
Terbium	159-1	6203405	6271804	6164533	6213247	0.87	cps
Terbium	159-2	1241091	1245454	1236381	1240975	0.37	cps
Thallium	203-1	119239	117541	117598	118126	0.82	cps
Thallium	205-1	289301	287535	282463	286433	1.24	cps
Tin	118-1	285688	288645	281736	285356	1.21	cps
Titanium	47-1	1692241	1690465	1711762	1698156	0.70	cps
Uranium	238-1	1019031	1028701	1026827	1024853	0.50	cps
Vanadium	51-2	10821	11105	10788	10904	1.60	cps
Yttrium	89-1	5192030	5267331	5152014	5203792	1.13	cps
Yttrium	89-2	172078	173938	170646	172221	0.96	cps
Zinc	66-2	3867	3874	3854	3865	0.26	cps
Zirconium	90-1	623524	628130	619996	623883	0.65	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:28:03	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	137395	138331	138482	138069	0.43	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:31:10	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	278338	280301	278530	279057	0.39	cps
Antimony	121-1	3992836	4018649	3988688	4000058	0.41	cps
Arsenic	75-2	45564	45367	45354	45428	0.26	cps
Barium	135-1	4193601	4248968	4207223	4216597	0.68	cps
Barium	137-1	7178141	7142872	7188793	7169935	0.34	cps
Beryllium	9-1	486666	486275	485465	486135	0.13	cps
Bismuth	209-1	3816135	3800469	3831493	3816032	0.41	cps
Bismuth	209-2	969841	983511	979581	977644	0.72	cps
Boron	10-1	55140	56873	56880	56298	1.78	cps
Boron	11-1	258053	266422	269503	264659	2.24	cps
Cadmium	111-1	801984	798857	793077	797973	0.57	cps
Cadmium	106-1	84121	84078	84472	84224	0.26	cps
Cadmium	108-1	56322	57041	56878	56747	0.66	cps
Calcium	43-1	4109700	4148927	4112063	4123563	0.53	cps
Calcium	44-1	66740914	66658199	66499849	66632988	0.18	cps
Chromium	52-2	357616	361336	361046	359999	0.57	cps
Cobalt	59-2	746461	746785	744601	745949	0.16	cps
Copper	63-2	1247456	1250935	1248386	1248926	0.14	cps
Dysprosium	156-1	75	142	125	114	30.46	cps
Dysprosium	156-2	23	7	17	16	53.90	cps
Erbium	164-1	108	75	75	86	22.35	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	100	117	125	114	11.18	cps
Gadolinium	160-2	27	17	17	20	28.86	cps
Holmium	165-1	6165195	6087513	6070227	6107645	0.83	cps
Holmium	165-2	1291656	1297413	1298818	1295963	0.29	cps
Indium	115-1	4807605	4843090	4839230	4829975	0.40	cps
Indium	115-2	217611	218276	218917	218268	0.30	cps
Iron	56-2	58960601	59009150	58939987	58969913	0.06	cps
Iron	57-2	1509017	1542534	1536547	1529366	1.17	cps
Lead	206-1	2433996	2456038	2473748	2454594	0.81	cps
Lead	207-1	2235504	2245958	2260014	2247159	0.55	cps
Lead	208-1	9922650	9992723	10088365	10001246	0.83	cps
Lithium	6-1	770519	774185	772335	772346	0.24	cps
Magnesium	24-2	6468492	6496417	6360391	6441766	1.12	cps
Manganese	55-2	212030	214744	213735	213503	0.64	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:31:10	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6477206	6489677	6491345	6486076	0.12	cps
Molybdenum	95-1	7961678	7991021	7997704	7983467	0.24	cps
Molybdenum	96-1	8991425	8939271	8860537	8930411	0.74	cps
Molybdenum	97-1	5073373	5109508	5059956	5080946	0.50	cps
Molybdenum	98-1	12861872	12989820	12913869	12921854	0.50	cps
Neodymium	150-1	287	220	253	253	13.16	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	213028	213923	213395	213449	0.21	cps
Phosphorus	31-2	3601	3959	4034	3865	6.00	cps
Potassium	39-2	1940497	1965882	1955733	1954037	0.65	cps
Rhodium	103-1	4382313	4329428	4383291	4365011	0.71	cps
Rhodium	103-2	1153308	1166262	1156242	1158604	0.59	cps
Scandium	45-1	2776818	2829806	2846465	2817697	1.29	cps
Scandium	45-2	24792	24845	24578	24739	0.57	cps
Selenium	77-2	313	337	300	317	5.86	cps
Selenium	78-2	1111	1109	1063	1095	2.49	cps
Selenium	82-1	50683	50444	50036	50388	0.65	cps
Silicon	28-1	1854481	1884537	1856485	1865168	0.90	cps
Silver	109-1	3786440	3772762	3754558	3771253	0.42	cps
Silver	107-1	3882329	3898571	3904778	3895226	0.30	cps
Sodium	23-2	14658933	14637086	14687615	14661211	0.17	cps
Strontium	86-1	1063082	1058232	1056690	1059335	0.31	cps
Strontium	88-1	9176323	9216162	9178000	9190162	0.25	cps
Sulfur	34-1	599118	597683	596702	597834	0.20	cps
Terbium	159-1	6323402	6258266	6231307	6270991	0.76	cps
Terbium	159-2	1240347	1251429	1251234	1247670	0.51	cps
Thallium	203-1	3042197	3050332	3048103	3046877	0.14	cps
Thallium	205-1	7075746	7073168	7179869	7109594	0.86	cps
Tin	118-1	2691990	2699573	2701362	2697641	0.18	cps
Titanium	47-1	2088467	2102669	2109871	2100336	0.52	cps
Uranium	238-1	9912661	9955270	9856538	9908156	0.50	cps
Vanadium	51-2	273355	273993	273836	273728	0.12	cps
Yttrium	89-1	5214931	5214692	5199236	5209620	0.17	cps
Yttrium	89-2	170708	172386	170361	171152	0.63	cps
Zinc	66-2	118844	119392	117650	118628	0.75	cps
Zirconium	90-1	5563693	5556955	5573399	5564682	0.15	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:31:10	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1220769	1224376	1221131	1222092	0.16	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:34:12	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	33	22	57.29	cps
Antimony	121-1	1710	1534	2068	1771	15.38	cps
Arsenic	75-2	4	6	7	6	33.38	cps
Barium	135-1	42	75	83	67	33.07	cps
Barium	137-1	142	42	158	114	55.40	cps
Beryllium	9-1	433	489	500	474	7.53	cps
Bismuth	209-1	4017523	4069634	4128228	4071795	1.36	cps
Bismuth	209-2	1065467	1059768	1057777	1061004	0.38	cps
Boron	10-1	3000	2400	2334	2578	14.25	cps
Boron	11-1	11505	11055	10621	11060	4.00	cps
Cadmium	111-1	758	613	729	700	10.98	cps
Cadmium	106-1	1025	800	1008	945	13.28	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	933	850	1000	928	8.10	cps
Calcium	44-1	15768	16068	16160	15999	1.28	cps
Chromium	52-2	300	247	257	268	10.59	cps
Cobalt	59-2	87	63	87	79	17.08	cps
Copper	63-2	167	190	197	184	8.54	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	0	13	13	9	86.60	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	10	0	0	3	173.21	cps
Holmium	165-1	6105908	6068790	6269136	6147944	1.73	cps
Holmium	165-2	1322665	1336001	1319750	1326139	0.65	cps
Indium	115-1	5073123	5045420	5134453	5084332	0.90	cps
Indium	115-2	235419	238560	234200	236059	0.95	cps
Iron	56-2	3778	4229	4040	4016	5.63	cps
Iron	57-2	150	83	56	96	50.40	cps
Lead	206-1	1006	1050	1045	1033	2.34	cps
Lead	207-1	900	872	917	896	2.51	cps
Lead	208-1	4250	4023	4517	4263	5.81	cps
Lithium	6-1	801349	799719	813886	804985	0.96	cps
Magnesium	24-2	325	300	333	319	5.43	cps
Manganese	55-2	27	20	20	22	17.33	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:34:12	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	600	475	556	12.58	cps
Molybdenum	95-1	967	825	917	903	7.96	cps
Molybdenum	96-1	975	792	1025	931	13.20	cps
Molybdenum	97-1	575	492	475	514	10.43	cps
Molybdenum	98-1	1342	1308	1267	1306	2.88	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	137	157	130	141	9.84	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	3125	2850	2917	2964	4.84	cps
Rhodium	103-1	4624938	4623276	4734998	4661071	1.37	cps
Rhodium	103-2	1267482	1265693	1260913	1264696	0.27	cps
Scandium	45-1	2836651	2789576	2881861	2836029	1.63	cps
Scandium	45-2	25333	24946	24622	24967	1.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	32	28	-8	17	127.26	cps
Silicon	28-1	392969	387901	392746	391205	0.73	cps
Silver	109-1	283	167	275	242	26.93	cps
Silver	107-1	208	300	358	289	26.18	cps
Sodium	23-2	13857	14541	14625	14341	2.94	cps
Strontium	86-1	392	425	442	419	6.07	cps
Strontium	88-1	200	233	275	236	15.92	cps
Sulfur	34-1	357077	360759	362606	360148	0.78	cps
Terbium	159-1	6264737	6236499	6486282	6329173	2.16	cps
Terbium	159-2	1281711	1285692	1267441	1278281	0.75	cps
Thallium	203-1	1200	1467	1442	1370	10.76	cps
Thallium	205-1	3467	3259	3117	3281	5.37	cps
Tin	118-1	925	750	1008	895	14.74	cps
Titanium	47-1	158	217	225	200	18.16	cps
Uranium	238-1	167	150	425	247	62.40	cps
Vanadium	51-2	10	13	0	8	89.21	cps
Yttrium	89-1	5264250	5229939	5338000	5277396	1.05	cps
Yttrium	89-2	176143	177143	173559	175615	1.05	cps
Zinc	66-2	53	23	37	38	39.79	cps
Zirconium	90-1	608	633	492	578	13.09	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:34:12	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	175	158	139	35.16	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:37:23	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	125	67	94	30.99	cps
Antimony	121-1	15448	15710	15197	15452	1.66	cps
Arsenic	75-2	106	100	113	106	6.12	cps
Barium	135-1	15627	15285	15218	15376	1.43	cps
Barium	137-1	26327	25918	27120	26455	2.31	cps
Beryllium	9-1	1372	1228	1311	1304	5.56	cps
Bismuth	209-1	4171440	4162388	4185840	4173223	0.28	cps
Bismuth	209-2	1062110	1062486	1070856	1065150	0.46	cps
Boron	10-1	3609	3926	3926	3820	4.79	cps
Boron	11-1	17136	17945	18271	17784	3.29	cps
Cadmium	111-1	2214	2221	2155	2197	1.66	cps
Cadmium	106-1	1258	1092	1058	1136	9.43	cps
Cadmium	108-1	150	121	46	106	50.91	cps
Calcium	43-1	8570	8795	9203	8856	3.63	cps
Calcium	44-1	144335	143722	141600	143219	1.00	cps
Chromium	52-2	1753	1693	1710	1719	1.80	cps
Cobalt	59-2	1453	1553	1583	1530	4.45	cps
Copper	63-2	2747	2737	2714	2733	0.63	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	7	13	0	7	99.98	cps
Holmium	165-1	6302327	6295713	6301669	6299903	0.06	cps
Holmium	165-2	1328531	1323304	1329809	1327215	0.26	cps
Indium	115-1	5149014	5169737	5182500	5167084	0.33	cps
Indium	115-2	233639	235973	235914	235175	0.57	cps
Iron	56-2	26331	26309	26515	26385	0.43	cps
Iron	57-2	756	689	700	715	5.00	cps
Lead	206-1	6002	5751	5535	5763	4.05	cps
Lead	207-1	5173	5057	4762	4997	4.24	cps
Lead	208-1	23915	22992	22614	23174	2.89	cps
Lithium	6-1	814178	816494	823333	818001	0.58	cps
Magnesium	24-2	12256	12581	12506	12448	1.37	cps
Manganese	55-2	313	247	200	253	22.49	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:37:23	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11814	12715	12615	12381	3.99	cps
Molybdenum	95-1	14000	14784	14408	14397	2.72	cps
Molybdenum	96-1	16761	16644	16669	16691	0.37	cps
Molybdenum	97-1	8720	9120	8962	8934	2.26	cps
Molybdenum	98-1	23696	24456	24072	24075	1.58	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	663	660	563	629	9.03	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9821	10179	10262	10087	2.33	cps
Rhodium	103-1	4764212	4732169	4792205	4762862	0.63	cps
Rhodium	103-2	1268855	1255927	1261381	1262054	0.51	cps
Scandium	45-1	2884355	2871360	2883032	2879582	0.25	cps
Scandium	45-2	24618	25690	24892	25067	2.22	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	19	11	7	12	45.82	cps
Selenium	82-1	575	482	456	504	12.42	cps
Silicon	28-1	434123	436345	429242	433237	0.84	cps
Silver	109-1	7903	7536	6702	7380	8.34	cps
Silver	107-1	7853	7686	7477	7672	2.45	cps
Sodium	23-2	42080	41972	41052	41701	1.35	cps
Strontium	86-1	2392	2150	2534	2359	8.22	cps
Strontium	88-1	18021	17896	18230	18049	0.93	cps
Sulfur	34-1	366057	369315	366565	367312	0.48	cps
Terbium	159-1	6557554	6484722	6526195	6522824	0.56	cps
Terbium	159-2	1271339	1279192	1278860	1276464	0.35	cps
Thallium	203-1	6494	6002	6527	6341	4.64	cps
Thallium	205-1	15827	15802	15577	15736	0.88	cps
Tin	118-1	24532	25108	26060	25233	3.06	cps
Titanium	47-1	4051	3867	3801	3906	3.32	cps
Uranium	238-1	17872	17171	18197	17747	2.96	cps
Vanadium	51-2	2530	2547	2707	2595	3.76	cps
Yttrium	89-1	5356278	5360065	5368872	5361738	0.12	cps
Yttrium	89-2	175855	175224	178003	176360	0.83	cps
Zinc	66-2	303	360	313	326	9.29	cps
Zirconium	90-1	10938	10988	11647	11191	3.54	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:37:23	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2592	2650	2475	2573	3.46	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : PB105578BL Instrumnet Name : P8
 Client Sample ID : PB105578BL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 17:40:34 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	0	0	11	173.21	cps
Antimony	121-1	342	425	409	392	11.23	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	17	50	17	28	69.27	cps
Barium	137-1	50	42	42	44	10.82	cps
Beryllium	9-1	311	283	333	309	8.10	cps
Bismuth	209-1	4143539	4143764	4200832	4162712	0.79	cps
Bismuth	209-2	1057175	1056422	1062273	1058623	0.30	cps
Boron	10-1	1217	983	917	1039	15.16	cps
Boron	11-1	5168	5068	5168	5134	1.12	cps
Cadmium	111-1	567	612	596	592	3.87	cps
Cadmium	106-1	792	858	808	820	4.23	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	975	833	900	903	7.85	cps
Calcium	44-1	14833	15259	15751	15281	3.01	cps
Chromium	52-2	250	323	283	286	12.86	cps
Cobalt	59-2	53	40	30	41	28.47	cps
Copper	63-2	137	127	93	119	19.08	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	33	8	14	124.91	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	6234057	6205736	6235023	6224938	0.27	cps
Holmium	165-2	1324235	1318375	1316553	1319721	0.30	cps
Indium	115-1	5152699	5157558	5200070	5170109	0.50	cps
Indium	115-2	235160	233648	234879	234562	0.34	cps
Iron	56-2	2895	2356	2595	2615	10.33	cps
Iron	57-2	106	78	83	89	16.54	cps
Lead	206-1	689	667	661	672	2.19	cps
Lead	207-1	683	711	617	670	7.24	cps
Lead	208-1	2734	2828	2745	2769	1.86	cps
Lithium	6-1	813948	818161	816820	816309	0.26	cps
Magnesium	24-2	308	300	367	325	11.18	cps
Manganese	55-2	27	33	17	26	32.81	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : PB105578BL Instrumnet Name : P8
 Client Sample ID : PB105578BL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 17:40:34 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	192	242	219	11.60	cps
Molybdenum	95-1	100	225	242	189	40.99	cps
Molybdenum	96-1	292	225	275	264	13.15	cps
Molybdenum	97-1	117	175	133	142	21.21	cps
Molybdenum	98-1	200	275	258	244	16.11	cps
Neodymium	150-1	0	13	33	16	107.86	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	180	120	170	157	20.52	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2775	2975	2767	2839	4.16	cps
Rhodium	103-1	4734136	4746681	4723262	4734693	0.25	cps
Rhodium	103-2	1257398	1256254	1254749	1256134	0.11	cps
Scandium	45-1	2897120	2841461	2840960	2859847	1.13	cps
Scandium	45-2	24959	24932	24842	24911	0.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	12	23	27	21	38.41	cps
Silicon	28-1	387745	380392	376125	381421	1.54	cps
Silver	109-1	142	133	142	139	3.46	cps
Silver	107-1	200	175	117	164	26.09	cps
Sodium	23-2	13298	12881	13090	13090	1.59	cps
Strontium	86-1	475	375	433	428	11.74	cps
Strontium	88-1	58	108	100	89	30.13	cps
Sulfur	34-1	368570	367497	368735	368267	0.18	cps
Terbium	159-1	6441980	6497112	6433221	6457438	0.54	cps
Terbium	159-2	1279047	1273717	1272807	1275190	0.26	cps
Thallium	203-1	692	867	808	789	11.30	cps
Thallium	205-1	1634	1484	1617	1578	5.21	cps
Tin	118-1	600	567	583	583	2.86	cps
Titanium	47-1	92	183	83	119	46.45	cps
Uranium	238-1	58	8	50	39	68.89	cps
Vanadium	51-2	10	0	0	3	173.21	cps
Yttrium	89-1	5341379	5384506	5374150	5366678	0.42	cps
Yttrium	89-2	174913	174555	175113	174860	0.16	cps
Zinc	66-2	33	10	40	28	56.71	cps
Zirconium	90-1	358	392	292	347	14.67	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	PB105578BL	Instrumnet Name :	P8
Client Sample ID :	PB105578BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:40:34	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	92	150	100	46.40	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : PB105578BS Instrumnet Name : P8
 Client Sample ID : PB105578BS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 17:43:47 DataFile Name : 020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54029	55066	54723	54606	0.97	cps
Antimony	121-1	4115977	4110325	4048074	4091459	0.92	cps
Arsenic	75-2	45725	45608	45436	45590	0.32	cps
Barium	135-1	4233240	4235698	4265732	4244890	0.43	cps
Barium	137-1	7318778	7236580	7325819	7293726	0.68	cps
Beryllium	9-1	489890	488182	482278	486784	0.82	cps
Bismuth	209-1	4093346	4064983	4127743	4095357	0.77	cps
Bismuth	209-2	1042081	1041425	1030016	1037841	0.65	cps
Boron	10-1	55634	57391	57750	56925	1.99	cps
Boron	11-1	253486	263690	266908	261361	2.68	cps
Cadmium	111-1	832403	829830	830747	830993	0.16	cps
Cadmium	106-1	85873	86167	88054	86698	1.36	cps
Cadmium	108-1	60033	59857	58217	59369	1.69	cps
Calcium	43-1	821984	825702	827246	824978	0.33	cps
Calcium	44-1	13460791	13310109	13461277	13410726	0.65	cps
Chromium	52-2	354135	355686	354555	354792	0.23	cps
Cobalt	59-2	754308	756052	755032	755131	0.12	cps
Copper	63-2	1289281	1288134	1283606	1287007	0.23	cps
Dysprosium	156-1	25	42	50	39	32.73	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	75	25	47	53.92	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	6249885	6215125	6360682	6275231	1.21	cps
Holmium	165-2	1336596	1325948	1321679	1328075	0.58	cps
Indium	115-1	5037572	4972906	5066006	5025494	0.95	cps
Indium	115-2	228581	226848	224974	226801	0.80	cps
Iron	56-2	12105619	12120320	12100082	12108674	0.09	cps
Iron	57-2	304495	306859	305311	305555	0.39	cps
Lead	206-1	2548572	2520880	2540656	2536703	0.56	cps
Lead	207-1	2337097	2317119	2310385	2321534	0.60	cps
Lead	208-1	10353169	10336691	10325352	10338404	0.14	cps
Lithium	6-1	799488	798207	804746	800813	0.43	cps
Magnesium	24-2	1329274	1332899	1313190	1325121	0.79	cps
Manganese	55-2	210890	213864	211959	212238	0.71	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	PB105578BS	Instrumnet Name :	P8
Client Sample ID :	PB105578BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:43:47	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6468848	6571946	6488765	6509853	0.84	cps
Molybdenum	95-1	7955956	7963934	8025104	7981665	0.47	cps
Molybdenum	96-1	8973985	8967488	8958575	8966682	0.09	cps
Molybdenum	97-1	5038154	5068124	5070604	5058960	0.36	cps
Molybdenum	98-1	12772013	12926895	12731479	12810129	0.81	cps
Neodymium	150-1	153	180	173	169	8.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	217237	218473	214998	216903	0.81	cps
Phosphorus	31-2	4151	4209	3634	3998	7.92	cps
Potassium	39-2	387330	388724	383509	386521	0.70	cps
Rhodium	103-1	4611288	4521282	4592391	4574987	1.04	cps
Rhodium	103-2	1227373	1217955	1221089	1222139	0.39	cps
Scandium	45-1	2831613	2853098	2890462	2858391	1.04	cps
Scandium	45-2	25206	24378	24942	24842	1.70	cps
Selenium	77-2	313	283	270	289	7.68	cps
Selenium	78-2	1072	1080	1022	1058	2.95	cps
Selenium	82-1	50695	50892	50194	50594	0.71	cps
Silicon	28-1	2074986	2080689	2086707	2080794	0.28	cps
Silver	109-1	3926265	3939866	3929943	3932025	0.18	cps
Silver	107-1	4081821	4109353	4077490	4089555	0.42	cps
Sodium	23-2	3052488	3057561	3020341	3043463	0.66	cps
Strontium	86-1	1041059	1043000	1034863	1039641	0.41	cps
Strontium	88-1	9027036	9101056	9027466	9051853	0.47	cps
Sulfur	34-1	595263	591831	591913	593002	0.33	cps
Terbium	159-1	6490434	6372995	6490402	6451277	1.05	cps
Terbium	159-2	1289192	1286416	1277544	1284384	0.47	cps
Thallium	203-1	3151285	3109900	3131492	3130892	0.66	cps
Thallium	205-1	7316744	7323650	7349555	7329983	0.24	cps
Tin	118-1	2768261	2746829	2723800	2746297	0.81	cps
Titanium	47-1	2065368	2098511	2105941	2089940	1.03	cps
Uranium	238-1	9938014	10068531	10020882	10009143	0.66	cps
Vanadium	51-2	270563	268435	270719	269906	0.47	cps
Yttrium	89-1	5327474	5262799	5355941	5315404	0.90	cps
Yttrium	89-2	175771	174687	173411	174623	0.68	cps
Zinc	66-2	121442	121311	119482	120745	0.91	cps
Zirconium	90-1	5520404	5542294	5555124	5539274	0.32	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	PB105578BS	Instrumnet Name :	P8
Client Sample ID :	PB105578BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:43:47	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1207512	1214747	1217918	1213392	0.44	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-01	Instrumnet Name :	P8
Client Sample ID :	ST010MW005-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:46:51	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	17	8	25	88.19	cps
Antimony	121-1	13492	13720	14040	13751	2.00	cps
Arsenic	75-2	207	209	200	206	2.38	cps
Barium	135-1	138215	136186	136758	137053	0.76	cps
Barium	137-1	236172	234748	235985	235635	0.33	cps
Beryllium	9-1	478	433	517	476	8.76	cps
Bismuth	209-1	3488198	3465267	3395290	3449585	1.40	cps
Bismuth	209-2	908806	906802	903594	906401	0.29	cps
Boron	10-1	73371	75583	76278	75078	2.02	cps
Boron	11-1	350612	357119	364930	357553	2.00	cps
Cadmium	111-1	639	900	887	809	18.18	cps
Cadmium	106-1	633	950	1000	861	23.09	cps
Cadmium	108-1	42	21	25	29	37.81	cps
Calcium	43-1	1290542	1278385	1297347	1288758	0.75	cps
Calcium	44-1	20794449	20878195	20754529	20809058	0.30	cps
Chromium	52-2	5484	5291	5404	5393	1.80	cps
Cobalt	59-2	193	217	177	196	10.27	cps
Copper	63-2	2514	2674	2704	2630	3.88	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	75	44	65.84	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	5216444	5280294	5231483	5242740	0.64	cps
Holmium	165-2	1146377	1141490	1139778	1142548	0.30	cps
Indium	115-1	4626766	4572094	4628657	4609172	0.70	cps
Indium	115-2	212221	212037	210712	211657	0.39	cps
Iron	56-2	31464	31698	31280	31481	0.66	cps
Iron	57-2	711	845	739	765	9.20	cps
Lead	206-1	3906	2812	2400	3039	25.61	cps
Lead	207-1	3323	2695	2122	2713	22.13	cps
Lead	208-1	15098	12092	9724	12305	21.89	cps
Lithium	6-1	848683	858065	870222	858990	1.26	cps
Magnesium	24-2	1071773	1071478	1069420	1070890	0.12	cps
Manganese	55-2	2617	2654	2697	2656	1.51	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-01	Instrumnet Name :	P8
Client Sample ID :	ST010MW005-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:46:51	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6143	5593	6018	5918	4.87	cps
Molybdenum	95-1	9145	8620	9437	9067	4.57	cps
Molybdenum	96-1	9837	10213	9395	9815	4.17	cps
Molybdenum	97-1	5993	6068	6435	6166	3.83	cps
Molybdenum	98-1	15293	13741	14108	14380	5.64	cps
Neodymium	150-1	27	67	53	49	41.66	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	5488	5068	5294	5283	3.98	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	11414	12072	11288	11591	3.63	cps
Rhodium	103-1	3978142	4004064	4012708	3998305	0.45	cps
Rhodium	103-2	1093698	1097623	1088261	1093194	0.43	cps
Scandium	45-1	2665567	2646974	2664032	2658858	0.39	cps
Scandium	45-2	24274	24755	23887	24306	1.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-190	-370	-401	-320	-35.51	cps
Silicon	28-1	18408510	18490932	18525618	18475020	0.33	cps
Silver	109-1	5877	4401	4034	4771	20.44	cps
Silver	107-1	6519	5110	4434	5354	19.86	cps
Sodium	23-2	1753469	1760935	1745929	1753444	0.43	cps
Strontium	86-1	1815787	1800051	1795378	1803738	0.59	cps
Strontium	88-1	15382916	15353688	15450487	15395697	0.32	cps
Sulfur	34-1	530768	535600	540020	535463	0.86	cps
Terbium	159-1	5367498	5449578	5446228	5421101	0.86	cps
Terbium	159-2	1103770	1112004	1098390	1104721	0.62	cps
Thallium	203-1	3376	2484	1834	2564	30.19	cps
Thallium	205-1	7953	6035	4401	6130	29.01	cps
Tin	118-1	9979	9295	8970	9415	5.47	cps
Titanium	47-1	808	792	700	767	7.61	cps
Uranium	238-1	59569	59670	60640	59960	0.99	cps
Vanadium	51-2	177	153	187	172	9.93	cps
Yttrium	89-1	4659727	4696553	4691692	4682657	0.43	cps
Yttrium	89-2	157597	157084	157196	157292	0.17	cps
Zinc	66-2	287	257	223	256	12.40	cps
Zirconium	90-1	1542	1483	1617	1547	4.32	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-01	Instrumnet Name :	P8
Client Sample ID :	ST010MW005-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:46:51	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	292	492	383	26.36	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-02	Instrumnet Name :	P8
Client Sample ID :	WP022MW004-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:50:00	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1058	1300	1375	1245	13.30	cps
Antimony	121-1	12235	12280	13202	12572	4.34	cps
Arsenic	75-2	133	130	139	134	3.48	cps
Barium	135-1	227014	232592	228151	229252	1.29	cps
Barium	137-1	398173	398585	398188	398315	0.06	cps
Beryllium	9-1	339	367	278	328	13.87	cps
Bismuth	209-1	3500315	3481785	3495286	3492462	0.27	cps
Bismuth	209-2	903715	902977	893542	900078	0.63	cps
Boron	10-1	38678	39597	40550	39608	2.36	cps
Boron	11-1	183778	185586	188397	185920	1.25	cps
Cadmium	111-1	847	832	818	832	1.75	cps
Cadmium	106-1	883	858	775	839	6.76	cps
Cadmium	108-1	25	33	42	33	25.01	cps
Calcium	43-1	1914985	1933312	1900048	1916115	0.87	cps
Calcium	44-1	31040448	30934863	30811119	30928810	0.37	cps
Chromium	52-2	1823	1760	1800	1795	1.78	cps
Cobalt	59-2	793	807	713	771	6.55	cps
Copper	63-2	5328	5555	5511	5464	2.20	cps
Dysprosium	156-1	525	533	550	536	2.37	cps
Dysprosium	156-2	103	140	97	113	20.59	cps
Erbium	164-1	450	350	392	397	12.65	cps
Erbium	164-2	67	97	33	66	48.33	cps
Gadolinium	160-1	333	367	458	386	16.76	cps
Gadolinium	160-2	100	147	167	138	24.83	cps
Holmium	165-1	5408355	5384531	5375383	5389423	0.32	cps
Holmium	165-2	1148576	1143817	1145808	1146067	0.21	cps
Indium	115-1	4598834	4603058	4589630	4597174	0.15	cps
Indium	115-2	206235	205772	203963	205324	0.58	cps
Iron	56-2	160228	158804	160096	159709	0.49	cps
Iron	57-2	4090	4001	4284	4125	3.51	cps
Lead	206-1	2361	2339	2273	2324	1.99	cps
Lead	207-1	2189	1984	1956	2043	6.24	cps
Lead	208-1	9307	9235	8651	9065	3.97	cps
Lithium	6-1	934672	933434	965848	944652	1.94	cps
Magnesium	24-2	469837	471562	466137	469179	0.59	cps
Manganese	55-2	12706	12723	12119	12516	2.75	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-02	Instrumnet Name :	P8
Client Sample ID :	WP022MW004-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:50:00	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2475	2700	2700	2625	4.95	cps
Molybdenum	95-1	2284	2342	2225	2284	2.56	cps
Molybdenum	96-1	2717	2767	2909	2798	3.55	cps
Molybdenum	97-1	1884	1992	1784	1886	5.52	cps
Molybdenum	98-1	3992	3559	3592	3715	6.49	cps
Neodymium	150-1	707	687	820	738	9.75	cps
Neodymium	150-2	110	83	100	98	13.77	cps
Nickel	60-2	1990	1777	1807	1858	6.22	cps
Phosphorus	31-2	42	25	42	36	26.65	cps
Potassium	39-2	39824	39715	39715	39752	0.16	cps
Rhodium	103-1	4067486	4018092	4065446	4050341	0.69	cps
Rhodium	103-2	1102302	1093755	1088121	1094726	0.65	cps
Scandium	45-1	2675313	2672802	2671759	2673291	0.07	cps
Scandium	45-2	23573	23186	23346	23369	0.83	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-278	-398	-523	-400	-30.72	cps
Silicon	28-1	27686867	27625962	27684222	27665684	0.12	cps
Silver	109-1	1533	1667	1609	1603	4.17	cps
Silver	107-1	1792	1784	1675	1750	3.72	cps
Sodium	23-2	2794026	2763611	2770329	2775989	0.58	cps
Strontium	86-1	1100990	1111884	1106928	1106601	0.49	cps
Strontium	88-1	9590790	9521931	9491225	9534649	0.53	cps
Sulfur	34-1	667464	664352	663911	665242	0.29	cps
Terbium	159-1	5569456	5523137	5635655	5576083	1.01	cps
Terbium	159-2	1102332	1107666	1105383	1105127	0.24	cps
Thallium	203-1	900	792	933	875	8.47	cps
Thallium	205-1	1717	1542	1475	1578	7.91	cps
Tin	118-1	6293	6644	6318	6419	3.04	cps
Titanium	47-1	3075	3367	3685	3376	9.04	cps
Uranium	238-1	33079	32351	31858	32429	1.89	cps
Vanadium	51-2	777	933	810	840	9.83	cps
Yttrium	89-1	4677698	4762898	4724124	4721573	0.90	cps
Yttrium	89-2	155629	155480	154739	155283	0.31	cps
Zinc	66-2	307	323	383	338	11.94	cps
Zirconium	90-1	3726	3434	3434	3531	4.77	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-02	Instrumnet Name :	P8
Client Sample ID :	WP022MW004-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:50:00	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742	717	775	745	3.93	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-03 Instrumnet Name : P8
 Client Sample ID : WP022MW001-180103 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 17:53:10 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	25	36	35.25	cps
Antimony	121-1	8910	9265	9176	9117	2.03	cps
Arsenic	75-2	63	74	94	77	20.70	cps
Barium	135-1	74577	75952	72381	74303	2.42	cps
Barium	137-1	128218	129565	128125	128636	0.63	cps
Beryllium	9-1	311	356	339	335	6.70	cps
Bismuth	209-1	3485879	3502953	3458735	3482523	0.64	cps
Bismuth	209-2	815013	880206	884297	859839	4.52	cps
Boron	10-1	47530	47061	47714	47435	0.71	cps
Boron	11-1	224775	224159	227494	225476	0.79	cps
Cadmium	111-1	671	868	657	732	16.13	cps
Cadmium	106-1	783	1025	783	864	16.15	cps
Cadmium	108-1	21	17	29	22	28.64	cps
Calcium	43-1	1865606	1874328	1862028	1867321	0.34	cps
Calcium	44-1	30085982	29982511	30335258	30134584	0.60	cps
Chromium	52-2	2344	2214	2087	2215	5.80	cps
Cobalt	59-2	167	173	197	179	8.81	cps
Copper	63-2	3327	3651	3974	3651	8.86	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	75	17	47	61.97	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	33	25	75	44	60.28	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	5457265	5438322	5409112	5434900	0.45	cps
Holmium	165-2	1040334	1129421	1129921	1099892	4.69	cps
Indium	115-1	4511269	4547573	4526113	4528318	0.40	cps
Indium	115-2	186508	200483	201783	196258	4.31	cps
Iron	56-2	3167	3262	2945	3125	5.20	cps
Iron	57-2	61	67	106	78	31.14	cps
Lead	206-1	889	789	995	891	11.54	cps
Lead	207-1	789	761	772	774	1.81	cps
Lead	208-1	3567	3500	3706	3591	2.92	cps
Lithium	6-1	980123	1001515	1005448	995695	1.37	cps
Magnesium	24-2	643213	638585	642477	641425	0.39	cps
Manganese	55-2	4611	4731	4461	4601	2.94	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-03	Instrumnet Name :	P8
Client Sample ID :	WP022MW001-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:53:10	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2867	2900	3092	2953	4.11	cps
Molybdenum	95-1	4801	4618	4726	4715	1.96	cps
Molybdenum	96-1	5060	5468	4868	5132	5.97	cps
Molybdenum	97-1	2950	3334	3276	3187	6.48	cps
Molybdenum	98-1	7703	7269	7761	7577	3.55	cps
Neodymium	150-1	13	33	20	22	45.85	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3334	3390	3400	3375	1.07	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	28755	28379	28079	28404	1.19	cps
Rhodium	103-1	4051575	4044519	4030144	4042079	0.27	cps
Rhodium	103-2	993025	1079894	1082544	1051821	4.84	cps
Scandium	45-1	2628169	2642920	2597642	2622910	0.88	cps
Scandium	45-2	20963	22605	23133	22233	5.09	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	0	9	9	6	86.60	cps
Selenium	82-1	-56	-86	-212	-118	-70.30	cps
Silicon	28-1	35152711	34645742	34654236	34817563	0.83	cps
Silver	109-1	817	1033	883	911	12.18	cps
Silver	107-1	1058	925	1083	1022	8.33	cps
Sodium	23-2	4621245	4582087	4677867	4627066	1.04	cps
Strontium	86-1	1595286	1575635	1609176	1593366	1.06	cps
Strontium	88-1	13631604	13450375	13459289	13513756	0.76	cps
Sulfur	34-1	920803	909311	917064	915726	0.64	cps
Terbium	159-1	5583971	5664847	5671969	5640262	0.87	cps
Terbium	159-2	1003363	1091189	1094402	1062985	4.86	cps
Thallium	203-1	350	283	450	361	23.23	cps
Thallium	205-1	817	950	858	875	7.80	cps
Tin	118-1	5268	6110	5985	5788	7.85	cps
Titanium	47-1	650	700	692	681	3.94	cps
Uranium	238-1	61805	62030	62895	62243	0.92	cps
Vanadium	51-2	1787	1783	1710	1760	2.46	cps
Yttrium	89-1	4801453	4712436	4692845	4735578	1.22	cps
Yttrium	89-2	140738	153154	153403	149099	4.86	cps
Zinc	66-2	117	177	113	136	26.29	cps
Zirconium	90-1	1475	1150	1200	1275	13.73	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-03	Instrumnet Name :	P8
Client Sample ID :	WP022MW001-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:53:10	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	292	350	297	16.90	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-04	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:56:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	267	125	192	37.15	cps
Antimony	121-1	10054	10093	10648	10265	3.24	cps
Arsenic	75-2	1919	1850	1819	1862	2.75	cps
Barium	135-1	63519	63436	64709	63888	1.11	cps
Barium	137-1	110879	110636	111073	110863	0.20	cps
Beryllium	9-1	322	300	261	294	10.50	cps
Bismuth	209-1	3446714	3451458	3452168	3450113	0.09	cps
Bismuth	209-2	854587	856249	852911	854582	0.20	cps
Boron	10-1	36113	37558	37249	36974	2.06	cps
Boron	11-1	168983	175580	174298	172954	2.02	cps
Cadmium	111-1	759	637	650	682	9.80	cps
Cadmium	106-1	833	733	692	753	9.67	cps
Cadmium	108-1	29	38	25	31	20.83	cps
Calcium	43-1	5741347	5790146	5734249	5755247	0.53	cps
Calcium	44-1	94825904	94461052	94935942	94740966	0.26	cps
Chromium	52-2	1200	1223	1177	1200	1.94	cps
Cobalt	59-2	8816	8649	8633	8700	1.17	cps
Copper	63-2	4664	4834	4718	4739	1.84	cps
Dysprosium	156-1	200	117	142	153	27.99	cps
Dysprosium	156-2	50	47	27	41	30.69	cps
Erbium	164-1	292	217	208	239	19.21	cps
Erbium	164-2	30	33	30	31	6.18	cps
Gadolinium	160-1	192	283	150	208	32.74	cps
Gadolinium	160-2	30	67	60	52	37.40	cps
Holmium	165-1	5435503	5509181	5432333	5459006	0.80	cps
Holmium	165-2	1114628	1101995	1115866	1110830	0.69	cps
Indium	115-1	4423959	4460682	4461335	4448659	0.48	cps
Indium	115-2	191241	192298	193223	192254	0.52	cps
Iron	56-2	10589831	10640139	10635929	10621966	0.26	cps
Iron	57-2	268282	266121	265072	266492	0.61	cps
Lead	206-1	2695	2806	2617	2706	3.51	cps
Lead	207-1	2578	2434	2395	2469	3.91	cps
Lead	208-1	10735	11052	10913	10900	1.46	cps
Lithium	6-1	1036697	1054253	1062161	1051037	1.24	cps
Magnesium	24-2	1224759	1207099	1203679	1211846	0.93	cps
Manganese	55-2	224283	223908	223515	223902	0.17	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-04	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:56:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4534	4626	4468	4543	1.75	cps
Molybdenum	95-1	4943	4434	4218	4532	8.22	cps
Molybdenum	96-1	5401	5151	5393	5315	2.67	cps
Molybdenum	97-1	3117	3142	2792	3017	6.47	cps
Molybdenum	98-1	7661	7628	7444	7577	1.54	cps
Neodymium	150-1	127	167	213	169	25.69	cps
Neodymium	150-2	20	23	17	20	16.65	cps
Nickel	60-2	13080	12973	13036	13030	0.41	cps
Phosphorus	31-2	33	83	8	42	91.65	cps
Potassium	39-2	81796	82659	83590	82682	1.09	cps
Rhodium	103-1	3907580	3955848	3936667	3933365	0.62	cps
Rhodium	103-2	1042930	1043069	1040607	1042202	0.13	cps
Scandium	45-1	2560541	2574155	2558285	2564327	0.33	cps
Scandium	45-2	21790	21003	21437	21410	1.84	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	6	7	7	24.97	cps
Selenium	82-1	-368	-410	-551	-443	-21.64	cps
Silicon	28-1	36744125	36519109	36935523	36732919	0.57	cps
Silver	109-1	983	950	942	958	2.30	cps
Silver	107-1	967	1008	925	967	4.31	cps
Sodium	23-2	7901750	7875880	7865947	7881193	0.23	cps
Strontium	86-1	2590241	2637573	2613152	2613655	0.91	cps
Strontium	88-1	21944464	22279841	22202087	22142131	0.79	cps
Sulfur	34-1	5542702	5525436	5503949	5524029	0.35	cps
Terbium	159-1	5629975	5680316	5680955	5663748	0.52	cps
Terbium	159-2	1070226	1068137	1070291	1069551	0.11	cps
Thallium	203-1	375	300	383	353	13.01	cps
Thallium	205-1	692	808	875	792	11.72	cps
Tin	118-1	6652	6735	6794	6727	1.06	cps
Titanium	47-1	1650	1767	1667	1695	3.72	cps
Uranium	238-1	15953	16036	17062	16350	3.78	cps
Vanadium	51-2	977	883	893	918	5.58	cps
Yttrium	89-1	4659578	4708589	4697189	4688452	0.55	cps
Yttrium	89-2	145414	144535	146889	145613	0.82	cps
Zinc	66-2	427	433	433	431	0.89	cps
Zirconium	90-1	5043	5543	4868	5151	6.80	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-04	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:56:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1325	1333	1150	1270	8.16	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:59:29	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	17	56	60.62	cps
Antimony	121-1	12630	13093	13812	13178	4.52	cps
Arsenic	75-2	93	78	80	83	9.68	cps
Barium	135-1	105678	108098	105847	106541	1.27	cps
Barium	137-1	183320	183743	183980	183681	0.18	cps
Beryllium	9-1	256	306	233	265	13.97	cps
Bismuth	209-1	3458096	3500883	3483465	3480815	0.62	cps
Bismuth	209-2	859654	854763	857806	857408	0.29	cps
Boron	10-1	19881	21275	21442	20866	4.11	cps
Boron	11-1	98748	99577	100233	99519	0.75	cps
Cadmium	111-1	660	770	626	685	10.97	cps
Cadmium	106-1	775	783	650	736	10.15	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Calcium	43-1	1589879	1620269	1643985	1618044	1.68	cps
Calcium	44-1	25987089	26271878	26194732	26151233	0.56	cps
Chromium	52-2	20749	20509	20385	20548	0.90	cps
Cobalt	59-2	1157	1227	1260	1215	4.34	cps
Copper	63-2	5875	5861	6215	5984	3.35	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	50	17	50	39	49.48	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	5406787	5391990	5359708	5386162	0.45	cps
Holmium	165-2	1096013	1085155	1086045	1089071	0.55	cps
Indium	115-1	4450960	4421282	4530383	4467541	1.26	cps
Indium	115-2	192868	191919	190105	191631	0.73	cps
Iron	56-2	67290	65995	65839	66374	1.20	cps
Iron	57-2	1700	1756	1639	1698	3.44	cps
Lead	206-1	1428	1345	1522	1432	6.21	cps
Lead	207-1	1283	1283	1200	1256	3.83	cps
Lead	208-1	5478	5484	5601	5521	1.25	cps
Lithium	6-1	1082101	1083630	1091790	1085840	0.48	cps
Magnesium	24-2	227980	228309	225755	227348	0.61	cps
Manganese	55-2	1897	2310	2127	2111	9.81	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:59:29	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2092	2309	2242	2214	5.01	cps
Molybdenum	95-1	3709	3867	3367	3648	7.01	cps
Molybdenum	96-1	3759	3867	4076	3901	4.13	cps
Molybdenum	97-1	2442	2475	2425	2448	1.04	cps
Molybdenum	98-1	6318	5610	5660	5863	6.75	cps
Neodymium	150-1	47	20	40	36	39.03	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	17872	16984	17051	17302	2.86	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	28046	28722	27603	28123	2.00	cps
Rhodium	103-1	4018366	3923848	3961979	3968064	1.20	cps
Rhodium	103-2	1046631	1042653	1043294	1044193	0.20	cps
Scandium	45-1	2525137	2536452	2528021	2529870	0.23	cps
Scandium	45-2	21433	20966	21440	21280	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	4	6	6	45.85	cps
Selenium	82-1	-506	-649	-807	-654	-23.03	cps
Silicon	28-1	27832696	27910679	28034074	27925816	0.36	cps
Silver	109-1	742	775	683	733	6.33	cps
Silver	107-1	742	725	958	808	16.10	cps
Sodium	23-2	1812030	1779706	1761229	1784322	1.44	cps
Strontium	86-1	908625	912674	921991	914430	0.75	cps
Strontium	88-1	8030319	7931434	8050284	8004013	0.80	cps
Sulfur	34-1	524756	522003	517174	521311	0.74	cps
Terbium	159-1	5524492	5553294	5588209	5555332	0.57	cps
Terbium	159-2	1054273	1045635	1040389	1046766	0.67	cps
Thallium	203-1	342	292	250	294	15.59	cps
Thallium	205-1	575	650	633	619	6.36	cps
Tin	118-1	6594	6410	6935	6646	4.01	cps
Titanium	47-1	933	967	742	881	13.79	cps
Uranium	238-1	25535	26295	25803	25878	1.49	cps
Vanadium	51-2	1537	1590	1543	1557	1.87	cps
Yttrium	89-1	4599137	4547800	4580222	4575720	0.57	cps
Yttrium	89-2	145181	142875	142167	143408	1.10	cps
Zinc	66-2	177	187	240	201	16.93	cps
Zirconium	90-1	600	492	417	503	18.33	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 17:59:29	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	108	150	133	16.54	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-05DUP Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103DL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:02:38 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.29	cps
Antimony	121-1	12722	13846	14532	13700	6.67	cps
Arsenic	75-2	94	93	89	92	3.08	cps
Barium	135-1	106761	109148	107257	107722	1.17	cps
Barium	137-1	185840	184858	185078	185259	0.28	cps
Beryllium	9-1	228	228	217	224	2.87	cps
Bismuth	209-1	3492127	3509225	3518099	3506483	0.38	cps
Bismuth	209-2	853515	856792	850125	853477	0.39	cps
Boron	10-1	20657	21258	21367	21094	1.81	cps
Boron	11-1	95391	98453	98117	97320	1.73	cps
Cadmium	111-1	626	777	691	698	10.84	cps
Cadmium	106-1	700	783	775	753	6.10	cps
Cadmium	108-1	38	13	8	19	81.14	cps
Calcium	43-1	1642428	1636602	1629898	1636309	0.38	cps
Calcium	44-1	26411799	26376482	26412019	26400100	0.08	cps
Chromium	52-2	20792	21059	21480	21111	1.64	cps
Cobalt	59-2	1300	1270	1080	1217	9.81	cps
Copper	63-2	6165	6965	6738	6623	6.23	cps
Dysprosium	156-1	42	17	33	31	41.66	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	42	25	83	50	60.09	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	5415540	5398176	5313881	5375866	1.01	cps
Holmium	165-2	1066137	1080672	1078889	1075233	0.74	cps
Indium	115-1	4431793	4411859	4511855	4451835	1.19	cps
Indium	115-2	187433	186617	186650	186900	0.25	cps
Iron	56-2	66508	66447	66156	66371	0.28	cps
Iron	57-2	1606	1683	1828	1706	6.61	cps
Lead	206-1	1156	1122	1183	1154	2.65	cps
Lead	207-1	1067	1128	1067	1087	3.25	cps
Lead	208-1	4706	4851	4650	4736	2.18	cps
Lithium	6-1	1104067	1104540	1077330	1095312	1.42	cps
Magnesium	24-2	226143	225931	226509	226195	0.13	cps
Manganese	55-2	2050	1987	1914	1984	3.45	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-05DUP Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103DL Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:02:38 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2225	2334	2492	2350	5.71	cps
Molybdenum	95-1	3701	3909	3709	3773	3.13	cps
Molybdenum	96-1	3717	3859	4259	3945	7.12	cps
Molybdenum	97-1	2525	2367	2759	2550	7.73	cps
Molybdenum	98-1	5326	6135	6077	5846	7.72	cps
Neodymium	150-1	33	27	53	38	36.74	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	17131	17478	17371	17327	1.03	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	27695	27503	28429	27876	1.75	cps
Rhodium	103-1	3937572	3987827	3994873	3973424	0.79	cps
Rhodium	103-2	1037510	1042751	1043752	1041338	0.32	cps
Scandium	45-1	2505560	2503329	2502820	2503903	0.06	cps
Scandium	45-2	21533	21089	21139	21254	1.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-463	-692	-870	-675	-30.26	cps
Silicon	28-1	27864711	28214877	27997946	28025845	0.63	cps
Silver	109-1	617	650	650	639	3.01	cps
Silver	107-1	758	842	642	747	13.44	cps
Sodium	23-2	1787451	1791225	1829685	1802787	1.30	cps
Strontium	86-1	914162	922872	924739	920591	0.61	cps
Strontium	88-1	7971154	8087518	8091181	8049951	0.85	cps
Sulfur	34-1	515706	512579	515804	514696	0.36	cps
Terbium	159-1	5527722	5567982	5541435	5545713	0.37	cps
Terbium	159-2	1035519	1047334	1034591	1039148	0.68	cps
Thallium	203-1	217	233	225	225	3.70	cps
Thallium	205-1	608	408	542	519	19.61	cps
Tin	118-1	6168	6127	6644	6313	4.55	cps
Titanium	47-1	983	767	1008	920	14.46	cps
Uranium	238-1	26646	27381	26504	26844	1.75	cps
Vanadium	51-2	1653	1407	1500	1520	8.19	cps
Yttrium	89-1	4517226	4577688	4602606	4565840	0.96	cps
Yttrium	89-2	142214	142932	142696	142614	0.26	cps
Zinc	66-2	183	183	173	180	3.21	cps
Zirconium	90-1	400	392	834	542	46.66	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05DUP	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103DL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:02:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	117	117	100	28.87	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-05LX5 Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103L Dilution Factor : 5
 Date & Time Acquired :: 2018-01-11 18:05:50 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	42	33	43.30	cps
Antimony	121-1	3490	3454	3078	3341	6.84	cps
Arsenic	75-2	13	31	20	22	43.15	cps
Barium	135-1	22812	23672	23513	23333	1.96	cps
Barium	137-1	39820	39527	41090	40146	2.07	cps
Beryllium	9-1	206	228	233	222	6.62	cps
Bismuth	209-1	3991492	3979151	4033225	4001289	0.71	cps
Bismuth	209-2	1004900	1010751	1013201	1009617	0.42	cps
Boron	10-1	6243	5776	6160	6060	4.11	cps
Boron	11-1	27386	26509	27352	27082	1.83	cps
Cadmium	111-1	770	717	666	718	7.26	cps
Cadmium	106-1	942	883	792	872	8.67	cps
Cadmium	108-1	8	8	25	14	69.31	cps
Calcium	43-1	332731	333424	337119	334424	0.71	cps
Calcium	44-1	5499601	5521920	5560876	5527466	0.56	cps
Chromium	52-2	4551	4874	4541	4655	4.07	cps
Cobalt	59-2	263	273	327	288	11.83	cps
Copper	63-2	2154	2187	1833	2058	9.48	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	6062219	6071258	6127407	6086961	0.58	cps
Holmium	165-2	1257960	1263079	1261638	1260892	0.21	cps
Indium	115-1	4916437	4946117	4936452	4933002	0.31	cps
Indium	115-2	216559	219923	218569	218350	0.78	cps
Iron	56-2	15442	15509	15765	15572	1.09	cps
Iron	57-2	467	439	444	450	3.27	cps
Lead	206-1	467	406	411	428	7.90	cps
Lead	207-1	428	411	378	406	6.28	cps
Lead	208-1	1917	1645	1695	1752	8.27	cps
Lithium	6-1	965438	956739	950601	957593	0.78	cps
Magnesium	24-2	48525	48166	48157	48283	0.44	cps
Manganese	55-2	463	487	477	476	2.46	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05LX5	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-11 18:05:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	658	600	667	642	5.66	cps
Molybdenum	95-1	775	817	767	786	3.41	cps
Molybdenum	96-1	842	892	950	895	6.06	cps
Molybdenum	97-1	617	517	650	594	11.67	cps
Molybdenum	98-1	1267	1442	1333	1347	6.56	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3877	3947	3881	3902	1.01	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	7311	8103	8194	7869	6.18	cps
Rhodium	103-1	4502837	4509399	4557194	4523143	0.66	cps
Rhodium	103-2	1199875	1209489	1202854	1204073	0.41	cps
Scandium	45-1	2709716	2722372	2741864	2724650	0.59	cps
Scandium	45-2	23019	23650	23774	23481	1.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-162	-138	-116	-139	-16.65	cps
Silicon	28-1	6171144	6148415	6174719	6164760	0.23	cps
Silver	109-1	333	267	367	322	15.80	cps
Silver	107-1	317	242	475	344	34.58	cps
Sodium	23-2	374062	379273	377415	376917	0.70	cps
Strontium	86-1	197400	198929	197532	197954	0.43	cps
Strontium	88-1	1753175	1755914	1782012	1763700	0.90	cps
Sulfur	34-1	379211	380073	378981	379422	0.15	cps
Terbium	159-1	6295099	6242320	6230841	6256087	0.55	cps
Terbium	159-2	1198367	1212129	1213111	1207869	0.68	cps
Thallium	203-1	208	192	133	178	22.15	cps
Thallium	205-1	300	375	283	319	15.29	cps
Tin	118-1	1567	1383	1483	1478	6.21	cps
Titanium	47-1	283	233	342	286	18.95	cps
Uranium	238-1	5710	5677	5743	5710	0.58	cps
Vanadium	51-2	363	330	303	332	9.05	cps
Yttrium	89-1	5131778	5117266	5104604	5117883	0.27	cps
Yttrium	89-2	163406	165582	163913	164300	0.69	cps
Zinc	66-2	47	83	53	61	31.96	cps
Zirconium	90-1	342	367	367	358	4.03	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05LX5	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-11 18:05:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	67	75	67	12.49	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:09:00	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	252655	253699	253778	253377	0.25	cps
Antimony	121-1	3923675	3897057	3961566	3927432	0.83	cps
Arsenic	75-2	43667	44260	43409	43778	1.00	cps
Barium	135-1	4382867	4390474	4462168	4411837	0.99	cps
Barium	137-1	7513600	7487612	7510074	7503762	0.19	cps
Beryllium	9-1	479337	474716	472354	475469	0.75	cps
Bismuth	209-1	4127542	4143291	4115189	4128674	0.34	cps
Bismuth	209-2	995590	996342	1000660	997530	0.27	cps
Boron	10-1	56680	57884	57767	57444	1.16	cps
Boron	11-1	254714	261723	261416	259285	1.53	cps
Cadmium	111-1	824135	821081	818514	821243	0.34	cps
Cadmium	106-1	87341	86611	85127	86360	1.31	cps
Cadmium	108-1	58845	59129	59192	59055	0.31	cps
Calcium	43-1	4057638	4039605	4037629	4044957	0.27	cps
Calcium	44-1	65999081	65658841	65671643	65776522	0.29	cps
Chromium	52-2	345473	343875	341345	343564	0.61	cps
Cobalt	59-2	721033	723601	716222	720285	0.52	cps
Copper	63-2	1225614	1210962	1213848	1216808	0.64	cps
Dysprosium	156-1	117	183	175	158	22.94	cps
Dysprosium	156-2	27	10	13	17	52.93	cps
Erbium	164-1	67	83	67	72	13.33	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	108	75	108	97	19.80	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	6457229	6502980	6464118	6474776	0.38	cps
Holmium	165-2	1314495	1313748	1307082	1311775	0.31	cps
Indium	115-1	4952864	5019003	4994831	4988899	0.67	cps
Indium	115-2	214426	214175	213455	214019	0.24	cps
Iron	56-2	56643576	56157475	55816535	56205862	0.74	cps
Iron	57-2	1455416	1415559	1440111	1437029	1.40	cps
Lead	206-1	2663207	2675720	2633562	2657496	0.81	cps
Lead	207-1	2418859	2432013	2431530	2427467	0.31	cps
Lead	208-1	10863686	10899328	10794671	10852562	0.49	cps
Lithium	6-1	807105	806925	804322	806117	0.19	cps
Magnesium	24-2	6051941	5957846	5968448	5992745	0.86	cps
Manganese	55-2	199400	197219	198681	198433	0.56	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:09:00	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6785010	6710779	6672233	6722674	0.85	cps
Molybdenum	95-1	8290087	8204039	8154587	8216238	0.83	cps
Molybdenum	96-1	9293556	9191988	9111646	9199063	0.99	cps
Molybdenum	97-1	5208871	5161042	5206520	5192144	0.52	cps
Molybdenum	98-1	13295467	13171577	13231295	13232780	0.47	cps
Neodymium	150-1	313	320	347	327	5.40	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	206845	206618	206608	206690	0.06	cps
Phosphorus	31-2	3459	3426	3292	3392	2.60	cps
Potassium	39-2	1801878	1788084	1768776	1786246	0.93	cps
Rhodium	103-1	4508495	4475317	4475811	4486541	0.42	cps
Rhodium	103-2	1163534	1158682	1162381	1161532	0.22	cps
Scandium	45-1	2769905	2837135	2783384	2796808	1.27	cps
Scandium	45-2	23186	22488	22782	22819	1.54	cps
Selenium	77-2	363	337	317	339	6.91	cps
Selenium	78-2	961	1070	1078	1036	6.30	cps
Selenium	82-1	51425	50577	50497	50833	1.01	cps
Silicon	28-1	1784153	1777068	1767049	1776090	0.48	cps
Silver	109-1	3902665	3860840	3914658	3892721	0.73	cps
Silver	107-1	4056710	4040892	4010480	4036027	0.58	cps
Sodium	23-2	13748433	13759063	13787928	13765141	0.15	cps
Strontium	86-1	1090652	1081211	1074641	1082168	0.74	cps
Strontium	88-1	9384844	9372705	9365927	9374492	0.10	cps
Sulfur	34-1	582383	581649	579460	581164	0.26	cps
Terbium	159-1	6687937	6676620	6654962	6673173	0.25	cps
Terbium	159-2	1265955	1252819	1265036	1261270	0.58	cps
Thallium	203-1	3256429	3270726	3274075	3267076	0.29	cps
Thallium	205-1	7649620	7732258	7655755	7679211	0.60	cps
Tin	118-1	2790764	2817680	2784937	2797794	0.62	cps
Titanium	47-1	2060645	2066633	2070925	2066068	0.25	cps
Uranium	238-1	10889692	10893364	10859846	10880967	0.17	cps
Vanadium	51-2	262175	259472	259846	260498	0.56	cps
Yttrium	89-1	5355861	5346190	5299604	5333885	0.56	cps
Yttrium	89-2	164641	164210	163754	164202	0.27	cps
Zinc	66-2	114639	113486	113802	113976	0.52	cps
Zirconium	90-1	5734956	5661219	5673296	5689824	0.70	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:09:00	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1256241	1250251	1241598	1249364	0.59	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P8
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:12:01 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	1752	1859	2026	1879	7.37	cps
Arsenic	75-2	7	4	0	4	100.05	cps
Barium	135-1	92	42	75	69	36.66	cps
Barium	137-1	142	58	117	106	40.51	cps
Beryllium	9-1	311	389	333	344	11.63	cps
Bismuth	209-1	3900631	4248481	4269082	4139398	5.00	cps
Bismuth	209-2	1044421	1045143	1046531	1045365	0.10	cps
Boron	10-1	2459	2300	2267	2342	4.37	cps
Boron	11-1	11538	10971	10254	10921	5.89	cps
Cadmium	111-1	678	783	890	784	13.56	cps
Cadmium	106-1	850	975	1142	989	14.80	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	858	983	875	906	7.49	cps
Calcium	44-1	21133	21976	22110	21740	2.44	cps
Chromium	52-2	217	303	267	262	16.59	cps
Cobalt	59-2	60	60	50	57	10.19	cps
Copper	63-2	510	550	517	526	4.08	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	5918933	6292565	6354484	6188661	3.81	cps
Holmium	165-2	1298075	1309965	1306658	1304899	0.47	cps
Indium	115-1	4801364	5000266	5182167	4994599	3.81	cps
Indium	115-2	223641	223959	224739	224113	0.25	cps
Iron	56-2	2789	2928	2739	2819	3.47	cps
Iron	57-2	72	50	56	59	19.51	cps
Lead	206-1	600	678	622	633	6.33	cps
Lead	207-1	633	589	656	626	5.42	cps
Lead	208-1	2428	2556	2728	2571	5.86	cps
Lithium	6-1	779141	819094	823631	807289	3.03	cps
Magnesium	24-2	325	317	242	294	15.59	cps
Manganese	55-2	30	37	17	28	36.66	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:12:01	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	858	742	583	728	18.97	cps
Molybdenum	95-1	800	833	942	858	8.63	cps
Molybdenum	96-1	1033	817	1092	981	14.78	cps
Molybdenum	97-1	625	575	525	575	8.70	cps
Molybdenum	98-1	1609	1433	1317	1453	10.11	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	160	157	157	2.13	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2542	2450	2267	2420	5.79	cps
Rhodium	103-1	4353026	4671818	4726039	4583628	4.40	cps
Rhodium	103-2	1231586	1222715	1227086	1227129	0.36	cps
Scandium	45-1	2521566	2670028	2753450	2648348	4.43	cps
Scandium	45-2	22759	22669	22268	22565	1.16	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	43	-19	31	18	176.43	cps
Silicon	28-1	360859	362753	361131	361581	0.28	cps
Silver	109-1	342	350	308	333	6.61	cps
Silver	107-1	358	317	333	336	6.24	cps
Sodium	23-2	16418	16410	16235	16355	0.63	cps
Strontium	86-1	425	483	408	439	8.97	cps
Strontium	88-1	350	450	350	383	15.06	cps
Sulfur	34-1	343973	347299	351388	347553	1.07	cps
Terbium	159-1	6054953	6406750	6497003	6319569	3.70	cps
Terbium	159-2	1255403	1261360	1257544	1258102	0.24	cps
Thallium	203-1	708	600	442	583	22.99	cps
Thallium	205-1	1775	1767	1742	1761	0.99	cps
Tin	118-1	750	1083	858	897	18.95	cps
Titanium	47-1	133	83	158	125	30.55	cps
Uranium	238-1	125	208	192	175	25.20	cps
Vanadium	51-2	20	13	13	16	24.76	cps
Yttrium	89-1	4910090	5140216	5273036	5107781	3.60	cps
Yttrium	89-2	165390	165981	164753	165375	0.37	cps
Zinc	66-2	37	17	50	34	48.70	cps
Zirconium	90-1	683	533	675	631	13.37	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:12:01	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	75	158	125	35.28	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-06 Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:15:13 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47748	47731	47514	47664	0.27	cps
Antimony	121-1	3451358	3552779	3638620	3547586	2.64	cps
Arsenic	75-2	40099	40320	41105	40508	1.31	cps
Barium	135-1	3751184	3910758	3980529	3880824	3.03	cps
Barium	137-1	6379478	6714090	6808699	6634089	3.40	cps
Beryllium	9-1	397180	412376	422190	410582	3.07	cps
Bismuth	209-1	3499794	3607043	3593448	3566762	1.64	cps
Bismuth	209-2	871504	873150	879356	874670	0.47	cps
Boron	10-1	66530	70633	72375	69846	4.30	cps
Boron	11-1	303409	323109	332564	319694	4.65	cps
Cadmium	111-1	681894	712572	725391	706619	3.16	cps
Cadmium	106-1	71164	75646	76190	74333	3.71	cps
Cadmium	108-1	48843	51875	51678	50799	3.34	cps
Calcium	43-1	2283110	2325593	2399446	2336050	2.52	cps
Calcium	44-1	36387977	37425437	38492272	37435229	2.81	cps
Chromium	52-2	331201	332061	337291	333518	0.99	cps
Cobalt	59-2	682280	690228	696666	689724	1.04	cps
Copper	63-2	1192734	1199620	1207817	1200057	0.63	cps
Dysprosium	156-1	125	83	117	108	20.35	cps
Dysprosium	156-2	10	30	0	13	114.56	cps
Erbium	164-1	2867	2700	3151	2906	7.83	cps
Erbium	164-2	597	517	587	567	7.69	cps
Gadolinium	160-1	300	258	350	303	15.16	cps
Gadolinium	160-2	50	70	40	53	28.64	cps
Holmium	165-1	5368878	5526358	5587718	5494318	2.05	cps
Holmium	165-2	1119762	1127093	1125246	1124034	0.34	cps
Indium	115-1	4220966	4353597	4357306	4310623	1.80	cps
Indium	115-2	184557	188105	187757	186806	1.05	cps
Iron	56-2	10863498	11113134	11001638	10992757	1.14	cps
Iron	57-2	274311	279120	277297	276909	0.88	cps
Lead	206-1	2173436	2264713	2270052	2236067	2.43	cps
Lead	207-1	1994020	2078053	2084834	2052303	2.46	cps
Lead	208-1	8924440	9261051	9362980	9182824	2.50	cps
Lithium	6-1	935959	981140	990648	969249	3.01	cps
Magnesium	24-2	1499369	1491818	1480101	1490429	0.65	cps
Manganese	55-2	185578	190161	190005	188582	1.38	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-06	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:15:13	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5671954	5861958	5906041	5813318	2.14	cps
Molybdenum	95-1	6988608	7206847	7326095	7173850	2.39	cps
Molybdenum	96-1	7855417	8088051	8132427	8025298	1.85	cps
Molybdenum	97-1	4436838	4635613	4662267	4578239	2.69	cps
Molybdenum	98-1	11199810	11714504	11761928	11558747	2.70	cps
Neodymium	150-1	227	147	280	218	30.82	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	199605	201935	201183	200908	0.59	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	364969	371078	368744	368264	0.84	cps
Rhodium	103-1	3827311	3925699	4025780	3926263	2.53	cps
Rhodium	103-2	1043564	1060605	1064135	1056101	1.04	cps
Scandium	45-1	2401391	2466678	2529505	2465858	2.60	cps
Scandium	45-2	21597	21183	21780	21520	1.42	cps
Selenium	77-2	293	270	263	276	5.72	cps
Selenium	78-2	922	928	957	936	2.02	cps
Selenium	82-1	43509	44917	45365	44597	2.17	cps
Silicon	28-1	27478209	28380678	29069400	28309429	2.82	cps
Silver	109-1	3374814	3478288	3552061	3468387	2.57	cps
Silver	107-1	3483193	3599083	3671122	3584466	2.65	cps
Sodium	23-2	4520120	4568410	4541798	4543443	0.53	cps
Strontium	86-1	1821391	1887385	1927613	1878796	2.85	cps
Strontium	88-1	15449559	15909805	16209754	15856372	2.41	cps
Sulfur	34-1	500151	509248	517411	508937	1.70	cps
Terbium	159-1	5450564	5683275	5765452	5633097	2.90	cps
Terbium	159-2	1081036	1086050	1094933	1087340	0.65	cps
Thallium	203-1	2763870	2879949	2897887	2847235	2.56	cps
Thallium	205-1	6485845	6732198	6839179	6685741	2.71	cps
Tin	118-1	2241728	2353552	2420430	2338570	3.86	cps
Titanium	47-1	1797164	1884176	1896919	1859420	2.92	cps
Uranium	238-1	8577541	8852649	8952475	8794222	2.21	cps
Vanadium	51-2	242085	244720	246286	244364	0.87	cps
Yttrium	89-1	4438000	4622842	4648943	4569928	2.52	cps
Yttrium	89-2	145454	145613	148032	146366	0.99	cps
Zinc	66-2	104890	104647	106354	105297	0.88	cps
Zirconium	90-1	4749218	4908037	4967981	4875079	2.32	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-06	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:15:13	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1049691	1067233	1090802	1069242	1.93	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-07 Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:18:15 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49195	48250	48810	48751	0.97	cps
Antimony	121-1	3741615	3781772	3731086	3751491	0.71	cps
Arsenic	75-2	41638	42055	41531	41741	0.66	cps
Barium	135-1	4134472	4187222	4121416	4147703	0.84	cps
Barium	137-1	6898752	7052486	7015523	6988920	1.15	cps
Beryllium	9-1	432242	432248	435946	433479	0.49	cps
Bismuth	209-1	3660112	3607150	3665034	3644099	0.88	cps
Bismuth	209-2	881724	873357	870608	875229	0.66	cps
Boron	10-1	72995	72534	74402	73310	1.33	cps
Boron	11-1	331987	342485	346588	340354	2.21	cps
Cadmium	111-1	747311	749746	752161	749739	0.32	cps
Cadmium	106-1	77882	78680	78395	78319	0.52	cps
Cadmium	108-1	53284	53209	53665	53386	0.46	cps
Calcium	43-1	2462207	2461189	2492418	2471938	0.72	cps
Calcium	44-1	40107326	40163245	40136330	40135634	0.07	cps
Chromium	52-2	343944	342327	344111	343461	0.29	cps
Cobalt	59-2	710493	706897	708626	708672	0.25	cps
Copper	63-2	1241157	1239717	1234548	1238474	0.28	cps
Dysprosium	156-1	92	117	67	92	27.27	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	3317	3334	3359	3337	0.63	cps
Erbium	164-2	630	673	690	664	4.66	cps
Gadolinium	160-1	283	242	283	269	8.93	cps
Gadolinium	160-2	50	57	27	44	35.44	cps
Holmium	165-1	5675293	5753457	5752240	5726997	0.78	cps
Holmium	165-2	1142788	1133770	1135069	1137209	0.43	cps
Indium	115-1	4496997	4532393	4533216	4520868	0.46	cps
Indium	115-2	191099	187868	188064	189010	0.96	cps
Iron	56-2	11342697	11266392	11248148	11285746	0.44	cps
Iron	57-2	285472	285915	281341	284243	0.89	cps
Lead	206-1	2345118	2378878	2358396	2360798	0.72	cps
Lead	207-1	2166077	2160739	2151354	2159390	0.35	cps
Lead	208-1	9611075	9722980	9668922	9667659	0.58	cps
Lithium	6-1	1023861	1010013	1017285	1017053	0.68	cps
Magnesium	24-2	1572931	1576348	1557419	1568900	0.64	cps
Manganese	55-2	196405	192162	193889	194152	1.10	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-07 Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103M Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:18:15 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6184579	6211188	6247930	6214565	0.51	cps
Molybdenum	95-1	7601863	7697941	7713211	7671005	0.79	cps
Molybdenum	96-1	8608461	8507179	8548833	8554824	0.60	cps
Molybdenum	97-1	4866928	4926291	4914896	4902705	0.64	cps
Molybdenum	98-1	12391553	12370163	12277849	12346522	0.49	cps
Neodymium	150-1	227	153	260	213	25.58	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	207095	206703	206019	206606	0.26	cps
Phosphorus	31-2	33	17	0	17	99.99	cps
Potassium	39-2	383447	377758	379071	380092	0.78	cps
Rhodium	103-1	4078244	4096889	4070525	4081886	0.33	cps
Rhodium	103-2	1075466	1072671	1068053	1072063	0.35	cps
Scandium	45-1	2573714	2583053	2583146	2579971	0.21	cps
Scandium	45-2	21750	21917	21577	21748	0.78	cps
Selenium	77-2	270	270	227	256	9.79	cps
Selenium	78-2	1020	961	967	983	3.33	cps
Selenium	82-1	46685	46410	46834	46643	0.46	cps
Silicon	28-1	30099590	29751749	30115693	29989011	0.69	cps
Silver	109-1	3693813	3642396	3667229	3667813	0.70	cps
Silver	107-1	3751124	3811240	3810967	3791110	0.91	cps
Sodium	23-2	4765815	4705272	4736795	4735961	0.64	cps
Strontium	86-1	1996040	1997905	2003857	1999267	0.20	cps
Strontium	88-1	16966287	16988039	16977187	16977171	0.06	cps
Sulfur	34-1	518693	517181	521048	518974	0.38	cps
Terbium	159-1	5817733	5909698	5825819	5851083	0.87	cps
Terbium	159-2	1102441	1096948	1088943	1096111	0.62	cps
Thallium	203-1	3001886	3036560	3042011	3026819	0.72	cps
Thallium	205-1	6953415	7039168	7011314	7001299	0.62	cps
Tin	118-1	2474262	2531040	2498490	2501264	1.14	cps
Titanium	47-1	1983741	1983732	1980359	1982611	0.10	cps
Uranium	238-1	9211776	9175338	9354816	9247310	1.03	cps
Vanadium	51-2	252240	252776	251854	252290	0.18	cps
Yttrium	89-1	4762302	4863783	4752432	4792839	1.29	cps
Yttrium	89-2	148558	146671	145623	146951	1.01	cps
Zinc	66-2	110515	109094	107157	108922	1.55	cps
Zirconium	90-1	5185338	5207479	5202852	5198556	0.22	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-07	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103M	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:18:15	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1132303	1138044	1142900	1137749	0.47	cps

LB Number : LB92578 Operator : Jaswal
 Lab Sample ID : J1040-05A Instrumnet Name : P8
 Client Sample ID : SS032MW061-180103A Dilution Factor : 1
 Date & Time Acquired :: 2018-01-11 18:21:16 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48634	48032	50224	48963	2.31	cps
Antimony	121-1	3780068	3789778	3773537	3781128	0.22	cps
Arsenic	75-2	41897	42333	42417	42215	0.66	cps
Barium	135-1	4145231	4148052	4108060	4133781	0.54	cps
Barium	137-1	7114493	7051296	7056419	7074069	0.50	cps
Beryllium	9-1	429633	426341	430456	428810	0.51	cps
Bismuth	209-1	3623313	3592856	3626804	3614324	0.52	cps
Bismuth	209-2	879347	871808	874245	875133	0.44	cps
Boron	10-1	71537	74427	75206	73723	2.62	cps
Boron	11-1	334027	343366	346484	341292	1.90	cps
Cadmium	111-1	752203	746161	753297	750554	0.51	cps
Cadmium	106-1	77984	78604	78714	78434	0.50	cps
Cadmium	108-1	54054	54321	53351	53909	0.93	cps
Calcium	43-1	2484655	2461138	2475714	2473836	0.48	cps
Calcium	44-1	40743455	40451129	40404292	40532959	0.45	cps
Chromium	52-2	346695	347065	349709	347823	0.47	cps
Cobalt	59-2	713742	716537	720153	716811	0.45	cps
Copper	63-2	1241597	1253804	1251858	1249086	0.53	cps
Dysprosium	156-1	133	100	83	106	24.12	cps
Dysprosium	156-2	3	17	7	9	78.08	cps
Erbium	164-1	3042	3334	3559	3312	7.83	cps
Erbium	164-2	633	640	673	649	3.30	cps
Gadolinium	160-1	367	367	367	367	0.00	cps
Gadolinium	160-2	70	87	73	77	11.50	cps
Holmium	165-1	5642233	5745878	5690342	5692818	0.91	cps
Holmium	165-2	1138872	1140341	1139734	1139649	0.06	cps
Indium	115-1	4522714	4486073	4484164	4497650	0.48	cps
Indium	115-2	187716	189332	189491	188846	0.52	cps
Iron	56-2	11381091	11491764	11446062	11439639	0.49	cps
Iron	57-2	284283	287475	287719	286492	0.67	cps
Lead	206-1	2381875	2346673	2370174	2366240	0.76	cps
Lead	207-1	2181373	2163762	2182544	2175893	0.48	cps
Lead	208-1	9698608	9623216	9680840	9667555	0.41	cps
Lithium	6-1	1001763	1005218	992886	999956	0.64	cps
Magnesium	24-2	1579159	1564410	1593169	1578913	0.91	cps
Manganese	55-2	194503	195966	195852	195440	0.42	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05A	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:21:16	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6248890	6216647	6281840	6249126	0.52	cps
Molybdenum	95-1	7669883	7833215	7606250	7703116	1.52	cps
Molybdenum	96-1	8612454	8618823	8686801	8639359	0.48	cps
Molybdenum	97-1	4907875	4890912	4927436	4908741	0.37	cps
Molybdenum	98-1	12440036	12513157	12418398	12457197	0.40	cps
Neodymium	150-1	247	200	147	198	25.30	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	206839	209981	210326	209049	0.92	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	379206	385935	382929	382690	0.88	cps
Rhodium	103-1	4110486	4108950	4108246	4109227	0.03	cps
Rhodium	103-2	1065613	1069915	1072606	1069378	0.33	cps
Scandium	45-1	2592196	2561678	2598380	2584085	0.76	cps
Scandium	45-2	22031	22101	21630	21921	1.16	cps
Selenium	77-2	267	253	263	261	2.66	cps
Selenium	78-2	946	959	1013	973	3.63	cps
Selenium	82-1	47548	46996	47607	47384	0.71	cps
Silicon	28-1	30084189	29995127	29940632	30006649	0.24	cps
Silver	109-1	3687911	3614876	3686248	3663011	1.14	cps
Silver	107-1	3903360	3790721	3781590	3825224	1.77	cps
Sodium	23-2	4776900	4783441	4815155	4791832	0.43	cps
Strontium	86-1	2010357	2023735	2017495	2017196	0.33	cps
Strontium	88-1	17133192	17107867	17185659	17142239	0.23	cps
Sulfur	34-1	513614	515835	513770	514406	0.24	cps
Terbium	159-1	5871097	5922001	5849071	5880723	0.64	cps
Terbium	159-2	1090405	1092306	1090138	1090950	0.11	cps
Thallium	203-1	2976292	2990624	2994160	2987025	0.32	cps
Thallium	205-1	7020004	6945216	7053164	7006128	0.79	cps
Tin	118-1	2545681	2521989	2543443	2537038	0.52	cps
Titanium	47-1	1988877	1979667	2003070	1990538	0.59	cps
Uranium	238-1	9173878	9286296	9310691	9256955	0.79	cps
Vanadium	51-2	253338	254608	255145	254364	0.36	cps
Yttrium	89-1	4795241	4803759	4771366	4790122	0.35	cps
Yttrium	89-2	147645	147098	149261	148001	0.76	cps
Zinc	66-2	108406	109401	109457	109088	0.54	cps
Zirconium	90-1	5186851	5256752	5196914	5213506	0.72	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-05A	Instrumnet Name :	P8
Client Sample ID :	SS032MW061-180103A	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:21:16	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1154296	1148963	1140148	1147802	0.62	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-08	Instrumnet Name :	P8
Client Sample ID :	WP022RW349-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:24:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	850	767	797	5.76	cps
Antimony	121-1	16161	17842	18568	17523	7.05	cps
Arsenic	75-2	791	783	835	803	3.49	cps
Barium	135-1	95090	95183	94579	94951	0.34	cps
Barium	137-1	163541	162285	164823	163550	0.78	cps
Beryllium	9-1	533	628	556	572	8.63	cps
Bismuth	209-1	3483879	3409359	3445518	3446252	1.08	cps
Bismuth	209-2	843349	838545	838762	840219	0.32	cps
Boron	10-1	31711	30416	31051	31060	2.08	cps
Boron	11-1	147291	147837	149807	148312	0.89	cps
Cadmium	111-1	788	798	780	789	1.14	cps
Cadmium	106-1	725	867	875	822	10.25	cps
Cadmium	108-1	88	96	100	94	6.74	cps
Calcium	43-1	5430170	5430288	5442307	5434255	0.13	cps
Calcium	44-1	87813917	89807056	89214942	88945305	1.15	cps
Chromium	52-2	9934	9994	10404	10110	2.53	cps
Cobalt	59-2	12526	12209	12496	12410	1.41	cps
Copper	63-2	12756	12396	12429	12527	1.59	cps
Dysprosium	156-1	667	517	675	619	14.39	cps
Dysprosium	156-2	147	163	163	158	6.10	cps
Erbium	164-1	725	683	708	706	2.97	cps
Erbium	164-2	117	117	110	114	3.36	cps
Gadolinium	160-1	642	733	667	681	6.96	cps
Gadolinium	160-2	180	130	153	154	16.20	cps
Holmium	165-1	5504475	5473938	5548888	5509100	0.68	cps
Holmium	165-2	1109781	1108174	1112436	1110131	0.19	cps
Indium	115-1	4413586	4369100	4406141	4396275	0.54	cps
Indium	115-2	186798	187702	188725	187742	0.51	cps
Iron	56-2	828555	823566	834358	828826	0.65	cps
Iron	57-2	20794	20922	20682	20799	0.58	cps
Lead	206-1	3645	3256	3489	3464	5.65	cps
Lead	207-1	3000	2950	2917	2956	1.42	cps
Lead	208-1	13876	13125	13787	13596	3.02	cps
Lithium	6-1	930013	929311	951143	936822	1.32	cps
Magnesium	24-2	1742592	1689668	1731645	1721302	1.62	cps
Manganese	55-2	255660	254001	255833	255165	0.40	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-08	Instrumnet Name :	P8
Client Sample ID :	WP022RW349-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:24:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5185	5335	4959	5160	3.66	cps
Molybdenum	95-1	5093	4843	4876	4937	2.75	cps
Molybdenum	96-1	6168	5618	5835	5874	4.72	cps
Molybdenum	97-1	3659	3384	2925	3323	11.15	cps
Molybdenum	98-1	8144	8420	7936	8167	2.97	cps
Neodymium	150-1	1067	787	927	927	15.11	cps
Neodymium	150-2	117	133	120	123	7.15	cps
Nickel	60-2	12606	12583	12886	12692	1.33	cps
Phosphorus	31-2	67	58	8	44	70.99	cps
Potassium	39-2	72965	72152	72420	72512	0.57	cps
Rhodium	103-1	3856830	3875286	3954302	3895473	1.33	cps
Rhodium	103-2	1029315	1019500	1019537	1022784	0.55	cps
Scandium	45-1	2479520	2507833	2547360	2511571	1.36	cps
Scandium	45-2	21710	20986	21196	21297	1.75	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-488	-606	-733	-609	-20.09	cps
Silicon	28-1	18689415	18776225	18824433	18763358	0.36	cps
Silver	109-1	1075	758	983	939	17.36	cps
Silver	107-1	875	983	892	917	6.36	cps
Sodium	23-2	49054712	48900854	48897976	48951181	0.18	cps
Strontium	86-1	1884060	1842368	1892615	1873014	1.44	cps
Strontium	88-1	16089967	15803713	16062695	15985458	0.99	cps
Sulfur	34-1	15232591	15283280	15278988	15264953	0.18	cps
Terbium	159-1	5689150	5710927	5665183	5688420	0.40	cps
Terbium	159-2	1073994	1058259	1069365	1067206	0.76	cps
Thallium	203-1	1425	1183	1083	1231	14.28	cps
Thallium	205-1	3376	3034	3026	3145	6.35	cps
Tin	118-1	20208	19816	19532	19852	1.71	cps
Titanium	47-1	2392	2342	2642	2459	6.54	cps
Uranium	238-1	174727	176087	173933	174916	0.62	cps
Vanadium	51-2	2344	2417	2497	2419	3.17	cps
Yttrium	89-1	4625675	4625466	4693601	4648247	0.84	cps
Yttrium	89-2	145717	145465	146027	145736	0.19	cps
Zinc	66-2	1183	1117	1177	1159	3.17	cps
Zirconium	90-1	6285	6418	6769	6491	3.85	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-08	Instrumnet Name :	P8
Client Sample ID :	WP022RW349-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:24:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1242	1659	1267	1389	16.83	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-09	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:27:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	242	167	189	24.30	cps
Antimony	121-1	17212	18020	16920	17384	3.28	cps
Arsenic	75-2	6257	6050	5937	6081	2.67	cps
Barium	135-1	264620	281653	278030	274768	3.27	cps
Barium	137-1	456439	488861	476406	473902	3.45	cps
Beryllium	9-1	400	489	372	420	14.50	cps
Bismuth	209-1	3390344	3545491	3490151	3475328	2.26	cps
Bismuth	209-2	836858	845297	857250	846468	1.21	cps
Boron	10-1	30684	33883	33482	32683	5.33	cps
Boron	11-1	145750	154961	154044	151585	3.35	cps
Cadmium	111-1	743	709	845	766	9.23	cps
Cadmium	106-1	700	725	833	753	9.42	cps
Cadmium	108-1	25	33	25	28	17.31	cps
Calcium	43-1	1725894	1845084	1813365	1794781	3.44	cps
Calcium	44-1	27957886	30024169	29045075	29009043	3.56	cps
Chromium	52-2	917	877	933	909	3.20	cps
Cobalt	59-2	3124	3120	3190	3145	1.26	cps
Copper	63-2	4054	4588	4578	4406	6.93	cps
Dysprosium	156-1	125	192	108	142	31.13	cps
Dysprosium	156-2	27	37	23	29	24.03	cps
Erbium	164-1	158	133	125	139	12.49	cps
Erbium	164-2	27	40	47	38	26.95	cps
Gadolinium	160-1	125	192	142	153	22.71	cps
Gadolinium	160-2	33	23	30	29	17.63	cps
Holmium	165-1	5217080	5587433	5434011	5412841	3.44	cps
Holmium	165-2	1078169	1085033	1102116	1088439	1.13	cps
Indium	115-1	4138555	4471743	4352767	4321022	3.91	cps
Indium	115-2	183123	182992	186272	184129	1.01	cps
Iron	56-2	13365837	13423192	13530971	13440000	0.62	cps
Iron	57-2	334859	336225	343544	338209	1.38	cps
Lead	206-1	1828	2006	2039	1958	5.80	cps
Lead	207-1	1600	1700	1839	1713	7.00	cps
Lead	208-1	7084	8179	8090	7785	7.81	cps
Lithium	6-1	922044	954609	958061	944905	2.10	cps
Magnesium	24-2	422986	421955	431547	425496	1.24	cps
Manganese	55-2	232126	233706	235972	233935	0.83	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-09	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:27:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4693	4893	5235	4940	5.55	cps
Molybdenum	95-1	6885	6927	7402	7072	4.06	cps
Molybdenum	96-1	7919	8378	8245	8181	2.88	cps
Molybdenum	97-1	4468	4693	4184	4448	5.73	cps
Molybdenum	98-1	11430	12523	11847	11934	4.62	cps
Neodymium	150-1	140	160	180	160	12.50	cps
Neodymium	150-2	20	13	20	18	21.66	cps
Nickel	60-2	3464	3440	3474	3459	0.49	cps
Phosphorus	31-2	300	375	333	336	11.18	cps
Potassium	39-2	58832	59292	59576	59234	0.63	cps
Rhodium	103-1	3753416	4020658	3899188	3891087	3.44	cps
Rhodium	103-2	1016393	1029726	1045036	1030385	1.39	cps
Scandium	45-1	2325883	2515645	2434963	2425497	3.93	cps
Scandium	45-2	20135	20088	20178	20133	0.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-413	-416	-542	-457	-16.02	cps
Silicon	28-1	25760972	27516522	26447303	26574933	3.33	cps
Silver	109-1	475	500	542	506	6.66	cps
Silver	107-1	500	508	542	517	4.27	cps
Sodium	23-2	2588281	2592833	2650630	2610582	1.33	cps
Strontium	86-1	1087605	1160907	1131406	1126639	3.27	cps
Strontium	88-1	9424524	10069154	9875397	9789691	3.38	cps
Sulfur	34-1	560852	583623	564356	569610	2.15	cps
Terbium	159-1	5376799	5743469	5618485	5579584	3.34	cps
Terbium	159-2	1034227	1043614	1060487	1046109	1.27	cps
Thallium	203-1	458	442	525	475	9.28	cps
Thallium	205-1	1150	1434	1142	1242	13.37	cps
Tin	118-1	12231	13107	13407	12915	4.73	cps
Titanium	47-1	1525	1817	1850	1731	10.33	cps
Uranium	238-1	2167	2350	2125	2214	5.41	cps
Vanadium	51-2	400	387	483	423	12.38	cps
Yttrium	89-1	4406462	4705647	4531410	4547840	3.30	cps
Yttrium	89-2	138486	138918	142133	139846	1.42	cps
Zinc	66-2	2560	2797	2794	2717	5.00	cps
Zirconium	90-1	2000	2359	2317	2225	8.81	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-09	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:27:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	592	550	500	547	8.39	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-10	Instrumnet Name :	P8
Client Sample ID :	WP022MW357-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:30:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267	1158	1167	1197	5.04	cps
Antimony	121-1	13432	13314	13040	13262	1.52	cps
Arsenic	75-2	287	256	346	296	15.55	cps
Barium	135-1	68805	69081	70773	69553	1.53	cps
Barium	137-1	120124	120823	120116	120355	0.34	cps
Beryllium	9-1	333	444	406	394	14.29	cps
Bismuth	209-1	3232227	3215140	3258850	3235406	0.68	cps
Bismuth	209-2	799121	799276	798917	799105	0.02	cps
Boron	10-1	44102	44972	44988	44687	1.13	cps
Boron	11-1	209303	207520	214445	210423	1.71	cps
Cadmium	111-1	819	838	840	832	1.38	cps
Cadmium	106-1	900	883	883	889	1.08	cps
Cadmium	108-1	46	50	29	42	26.45	cps
Calcium	43-1	6471248	6505176	6543234	6506553	0.55	cps
Calcium	44-1	105566117	106485625	106976663	106342802	0.67	cps
Chromium	52-2	1287	1297	1250	1278	1.92	cps
Cobalt	59-2	18316	18129	18669	18371	1.49	cps
Copper	63-2	7125	7455	7515	7365	2.85	cps
Dysprosium	156-1	842	958	1067	956	11.78	cps
Dysprosium	156-2	230	240	180	217	14.84	cps
Erbium	164-1	825	892	908	875	5.04	cps
Erbium	164-2	193	243	200	212	12.79	cps
Gadolinium	160-1	1108	808	842	920	17.88	cps
Gadolinium	160-2	273	277	283	278	1.83	cps
Holmium	165-1	5360454	5340337	5373562	5358118	0.31	cps
Holmium	165-2	1077810	1075585	1088184	1080527	0.62	cps
Indium	115-1	4229958	4187583	4208613	4208718	0.50	cps
Indium	115-2	180882	180922	179446	180417	0.47	cps
Iron	56-2	1674063	1661081	1693040	1676061	0.96	cps
Iron	57-2	41351	40910	40977	41079	0.58	cps
Lead	206-1	2895	3100	2995	2997	3.43	cps
Lead	207-1	2428	2367	2600	2465	4.91	cps
Lead	208-1	11602	11869	12147	11873	2.29	cps
Lithium	6-1	733705	741943	741814	739154	0.64	cps
Magnesium	24-2	3025591	3046482	2996782	3022952	0.83	cps
Manganese	55-2	303787	299463	297052	300101	1.14	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-10	Instrumnet Name :	P8
Client Sample ID :	WP022MW357-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:30:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6110	5893	5952	5985	1.87	cps
Molybdenum	95-1	2275	2209	2200	2228	1.84	cps
Molybdenum	96-1	3125	3217	3117	3153	1.76	cps
Molybdenum	97-1	1717	1592	1584	1631	4.58	cps
Molybdenum	98-1	3559	3809	3451	3606	5.10	cps
Neodymium	150-1	1213	1560	1420	1398	12.48	cps
Neodymium	150-2	177	170	167	171	2.98	cps
Nickel	60-2	20909	21357	21059	21108	1.08	cps
Phosphorus	31-2	33	8	17	19	65.47	cps
Potassium	39-2	57945	55385	57234	56855	2.32	cps
Rhodium	103-1	3707819	3733341	3754836	3731998	0.63	cps
Rhodium	103-2	977746	978730	980937	979138	0.17	cps
Scandium	45-1	2443004	2440163	2445507	2442891	0.11	cps
Scandium	45-2	20619	20655	20208	20494	1.21	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	6	6	4	5	21.74	cps
Selenium	82-1	-735	-882	-1009	-875	-15.62	cps
Silicon	28-1	21190552	21211847	21424108	21275502	0.61	cps
Silver	109-1	400	575	525	500	18.03	cps
Silver	107-1	525	592	575	564	6.15	cps
Sodium	23-2	105782673	105179319	104941523	105301172	0.41	cps
Strontium	86-1	4058267	4070986	4103910	4077721	0.58	cps
Strontium	88-1	34934691	35104012	34926157	34988287	0.29	cps
Sulfur	34-1	25746421	25893705	26288154	25976093	1.08	cps
Terbium	159-1	5500926	5482574	5548687	5510729	0.62	cps
Terbium	159-2	1041872	1039502	1036552	1039309	0.26	cps
Thallium	203-1	1283	1000	1133	1139	12.45	cps
Thallium	205-1	2617	2942	3384	2981	12.91	cps
Tin	118-1	12465	12290	12498	12417	0.90	cps
Titanium	47-1	2459	2634	2550	2548	3.44	cps
Uranium	238-1	454497	447305	457103	452968	1.12	cps
Vanadium	51-2	940	920	903	921	1.99	cps
Yttrium	89-1	4497199	4519453	4509941	4508864	0.25	cps
Yttrium	89-2	141769	143050	141463	142094	0.59	cps
Zinc	66-2	1163	1207	1147	1172	2.64	cps
Zirconium	90-1	12965	12848	12781	12865	0.72	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-10	Instrumnet Name :	P8
Client Sample ID :	WP022MW357-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:30:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2850	2925	2884	2887	1.30	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-11	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:33:46	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	233	183	192	19.93	cps
Antimony	121-1	11541	11153	11134	11276	2.04	cps
Arsenic	75-2	3217	3330	3336	3294	2.03	cps
Barium	135-1	49461	51510	51475	50815	2.31	cps
Barium	137-1	86952	89829	87144	87975	1.83	cps
Beryllium	9-1	372	372	356	367	2.62	cps
Bismuth	209-1	3410282	3101229	3367554	3293022	5.09	cps
Bismuth	209-2	808858	815942	809711	811504	0.48	cps
Boron	10-1	36172	37383	36564	36706	1.68	cps
Boron	11-1	163716	170174	172955	168948	2.81	cps
Cadmium	111-1	1075	824	1044	981	13.96	cps
Cadmium	106-1	917	667	867	817	16.20	cps
Cadmium	108-1	54	79	42	58	32.73	cps
Calcium	43-1	8298972	8437874	8354188	8363678	0.84	cps
Calcium	44-1	136503557	137336741	137745632	137195310	0.46	cps
Chromium	52-2	3294	3127	2990	3137	4.84	cps
Cobalt	59-2	560911	560014	562633	561186	0.24	cps
Copper	63-2	27213	27107	26926	27082	0.54	cps
Dysprosium	156-1	833	842	950	875	7.44	cps
Dysprosium	156-2	220	167	213	200	14.53	cps
Erbium	164-1	2684	2492	2542	2573	3.87	cps
Erbium	164-2	477	453	530	487	8.08	cps
Gadolinium	160-1	1183	1075	1200	1153	5.89	cps
Gadolinium	160-2	280	333	317	310	8.80	cps
Holmium	165-1	5513930	4952161	5443730	5303274	5.77	cps
Holmium	165-2	1077264	1081683	1084049	1080999	0.32	cps
Indium	115-1	4321866	3916607	4266084	4168186	5.27	cps
Indium	115-2	178675	179297	179372	179115	0.21	cps
Iron	56-2	17328371	17404434	17366243	17366350	0.22	cps
Iron	57-2	434373	435790	433879	434681	0.23	cps
Lead	206-1	62264	63788	62532	62861	1.29	cps
Lead	207-1	50244	51214	51298	50919	1.15	cps
Lead	208-1	237367	241533	243622	240840	1.32	cps
Lithium	6-1	852377	813527	853005	839636	2.69	cps
Magnesium	24-2	2390961	2393465	2421343	2401923	0.70	cps
Manganese	55-2	1033450	1040821	1039459	1037910	0.38	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-11	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:33:46	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10863	10938	10763	10855	0.81	cps
Molybdenum	95-1	4226	4168	4068	4154	1.93	cps
Molybdenum	96-1	5693	5526	5927	5715	3.52	cps
Molybdenum	97-1	2684	2467	2434	2528	5.37	cps
Molybdenum	98-1	6102	6285	6477	6288	2.98	cps
Neodymium	150-1	747	787	807	780	3.92	cps
Neodymium	150-2	97	77	83	86	11.90	cps
Nickel	60-2	278988	278713	279630	279110	0.17	cps
Phosphorus	31-2	33	42	17	31	41.66	cps
Potassium	39-2	40517	40509	40626	40551	0.16	cps
Rhodium	103-1	3819908	3478423	3749041	3682457	4.89	cps
Rhodium	103-2	986128	987923	987360	987137	0.09	cps
Scandium	45-1	2421952	2175071	2369498	2322174	5.60	cps
Scandium	45-2	19507	19517	19797	19607	0.84	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-1111	-1317	-1563	-1330	-17.01	cps
Silicon	28-1	27171646	27135560	27315531	27207579	0.35	cps
Silver	109-1	608	583	542	578	5.83	cps
Silver	107-1	775	683	683	714	7.41	cps
Sodium	23-2	38957853	38980142	38546297	38828097	0.63	cps
Strontium	86-1	2870724	2903478	2904277	2892827	0.66	cps
Strontium	88-1	24558780	24515927	24537797	24537501	0.09	cps
Sulfur	34-1	13395202	13377053	13327203	13366486	0.26	cps
Terbium	159-1	5649953	5127525	5580209	5452562	5.20	cps
Terbium	159-2	1036715	1037478	1043714	1039303	0.37	cps
Thallium	203-1	675	642	492	603	16.20	cps
Thallium	205-1	1292	1242	1575	1370	13.13	cps
Tin	118-1	10655	10922	10513	10696	1.94	cps
Titanium	47-1	1834	2034	2101	1989	6.98	cps
Uranium	238-1	67241	70199	70970	69470	2.83	cps
Vanadium	51-2	39335	40194	39592	39707	1.11	cps
Yttrium	89-1	4611919	4141230	4556735	4436628	5.80	cps
Yttrium	89-2	140086	139591	138877	139518	0.44	cps
Zinc	66-2	3854	3597	3767	3739	3.49	cps
Zirconium	90-1	24247	24848	23980	24359	1.83	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-11	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:33:46	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5451	5076	5426	5318	3.94	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0435-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:36:58	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	8	28	75.51	cps
Antimony	121-1	11211	11870	11920	11667	3.39	cps
Arsenic	75-2	91	89	87	89	2.08	cps
Barium	135-1	80570	79195	77535	79100	1.92	cps
Barium	137-1	135683	134874	134067	134875	0.60	cps
Beryllium	9-1	333	350	289	324	9.75	cps
Bismuth	209-1	3730409	3737638	3701597	3723215	0.51	cps
Bismuth	209-2	884480	893052	887326	888286	0.49	cps
Boron	10-1	43174	44445	46443	44687	3.69	cps
Boron	11-1	207217	208391	212968	209525	1.45	cps
Cadmium	111-1	746	675	600	674	10.86	cps
Cadmium	106-1	883	783	708	792	11.09	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	1875581	1890048	1887508	1884379	0.41	cps
Calcium	44-1	30320155	30161184	30216095	30232478	0.27	cps
Chromium	52-2	1677	1810	1830	1772	4.70	cps
Cobalt	59-2	207	197	133	179	22.23	cps
Copper	63-2	4581	4911	4984	4825	4.45	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	25	8	33	90.15	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	33	83	50	57.75	cps
Gadolinium	160-2	3	10	17	10	66.70	cps
Holmium	165-1	5811581	5794393	5789786	5798587	0.20	cps
Holmium	165-2	1137779	1154797	1141038	1144538	0.79	cps
Indium	115-1	4651657	4643063	4652764	4649161	0.11	cps
Indium	115-2	192698	195840	194868	194469	0.83	cps
Iron	56-2	3984	4206	4001	4064	3.05	cps
Iron	57-2	89	156	72	106	41.77	cps
Lead	206-1	728	761	756	748	2.39	cps
Lead	207-1	606	556	517	559	7.97	cps
Lead	208-1	2917	2622	2806	2782	5.35	cps
Lithium	6-1	949363	949843	946166	948458	0.21	cps
Magnesium	24-2	604413	605953	605520	605295	0.13	cps
Manganese	55-2	5738	5581	5438	5586	2.69	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0435-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:36:58	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3042	3142	3150	3112	1.94	cps
Molybdenum	95-1	4793	4509	4426	4576	4.20	cps
Molybdenum	96-1	4868	5143	5235	5082	3.76	cps
Molybdenum	97-1	2875	3417	3134	3142	8.62	cps
Molybdenum	98-1	7611	7202	7352	7388	2.80	cps
Neodymium	150-1	13	33	27	24	41.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3110	3017	3194	3107	2.85	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	25816	25925	25958	25900	0.29	cps
Rhodium	103-1	4140782	4174139	4140341	4151754	0.47	cps
Rhodium	103-2	1081436	1089918	1079218	1083524	0.52	cps
Scandium	45-1	2604597	2596853	2565724	2589058	0.79	cps
Scandium	45-2	21677	21330	20956	21321	1.69	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	11	4	9	8	48.07	cps
Selenium	82-1	-209	-229	-397	-278	-37.05	cps
Silicon	28-1	33598507	33546977	33362089	33502524	0.37	cps
Silver	109-1	483	500	400	461	11.62	cps
Silver	107-1	567	383	475	475	19.30	cps
Sodium	23-2	4295985	4314147	4402411	4337514	1.31	cps
Strontium	86-1	1660592	1656872	1659726	1659063	0.12	cps
Strontium	88-1	14096152	13978590	13971473	14015405	0.50	cps
Sulfur	34-1	879698	871688	872578	874655	0.50	cps
Terbium	159-1	5947746	5983214	5954304	5961755	0.32	cps
Terbium	159-2	1092611	1103905	1101932	1099483	0.55	cps
Thallium	203-1	375	308	367	350	10.38	cps
Thallium	205-1	875	783	717	792	10.04	cps
Tin	118-1	14179	9737	9537	11151	23.53	cps
Titanium	47-1	1333	1158	917	1136	18.42	cps
Uranium	238-1	67642	67719	67843	67735	0.15	cps
Vanadium	51-2	1780	1673	1617	1690	4.91	cps
Yttrium	89-1	4803152	4878006	4897368	4859509	1.02	cps
Yttrium	89-2	148055	148766	148554	148459	0.25	cps
Zinc	66-2	183	180	163	176	6.10	cps
Zirconium	90-1	1117	1225	1033	1125	8.55	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-12	Instrumnet Name :	P8
Client Sample ID :	DUP-0435-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:36:58	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	283	275	250	20.28	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-14	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:40:07	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	42	42	20.00	cps
Antimony	121-1	10168	10398	10212	10259	1.19	cps
Arsenic	75-2	2122	2180	2117	2140	1.63	cps
Barium	135-1	48122	48783	49301	48735	1.21	cps
Barium	137-1	83053	83614	84142	83603	0.65	cps
Beryllium	9-1	244	283	250	259	8.11	cps
Bismuth	209-1	3594619	3530629	3576871	3567373	0.93	cps
Bismuth	209-2	845831	844926	838806	843187	0.45	cps
Boron	10-1	36222	37283	37717	37074	2.07	cps
Boron	11-1	169069	171294	174752	171705	1.67	cps
Cadmium	111-1	915	996	1049	987	6.85	cps
Cadmium	106-1	742	858	892	831	9.48	cps
Cadmium	108-1	54	54	54	54	0.00	cps
Calcium	43-1	8662716	8566330	8563866	8597637	0.66	cps
Calcium	44-1	141536274	139598336	140708586	140614399	0.69	cps
Chromium	52-2	637	680	790	702	11.26	cps
Cobalt	59-2	594328	591794	589040	591721	0.45	cps
Copper	63-2	10097	10531	10741	10456	3.14	cps
Dysprosium	156-1	233	242	275	250	8.82	cps
Dysprosium	156-2	37	63	87	62	40.21	cps
Erbium	164-1	1625	1525	1442	1531	6.00	cps
Erbium	164-2	350	337	303	330	7.28	cps
Gadolinium	160-1	408	458	400	422	7.47	cps
Gadolinium	160-2	123	110	110	114	6.73	cps
Holmium	165-1	5714902	5777567	5720616	5737695	0.60	cps
Holmium	165-2	1121035	1118803	1111620	1117153	0.44	cps
Indium	115-1	4479380	4501104	4478586	4486357	0.28	cps
Indium	115-2	183089	183717	185135	183980	0.57	cps
Iron	56-2	13764037	13617332	13679864	13687077	0.54	cps
Iron	57-2	346729	344425	344602	345252	0.37	cps
Lead	206-1	23917	23990	23879	23929	0.24	cps
Lead	207-1	19538	20545	20133	20072	2.52	cps
Lead	208-1	91675	93000	93816	92830	1.16	cps
Lithium	6-1	852283	853847	847632	851254	0.38	cps
Magnesium	24-2	2457601	2483460	2467475	2469512	0.53	cps
Manganese	55-2	1066224	1062123	1060880	1063076	0.26	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-14	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:40:07	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7911	7678	8378	7989	4.46	cps
Molybdenum	95-1	2934	2800	2675	2803	4.61	cps
Molybdenum	96-1	4126	4268	4034	4142	2.84	cps
Molybdenum	97-1	2117	2050	1984	2050	3.25	cps
Molybdenum	98-1	4476	4318	5059	4618	8.46	cps
Neodymium	150-1	167	113	107	129	25.51	cps
Neodymium	150-2	23	27	7	19	56.72	cps
Nickel	60-2	295967	295227	294750	295315	0.21	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	41521	42173	41671	41788	0.82	cps
Rhodium	103-1	3933691	3938013	3967132	3946279	0.46	cps
Rhodium	103-2	1027483	1028991	1021542	1026005	0.38	cps
Scandium	45-1	2519047	2464422	2476254	2486574	1.16	cps
Scandium	45-2	20205	20352	19824	20127	1.35	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-913	-1329	-1438	-1227	-22.56	cps
Silicon	28-1	27238766	27085906	27036552	27120408	0.39	cps
Silver	109-1	358	358	283	333	12.99	cps
Silver	107-1	333	317	375	342	8.79	cps
Sodium	23-2	40522785	40317789	40008878	40283151	0.64	cps
Strontium	86-1	2912830	2931475	2902769	2915692	0.50	cps
Strontium	88-1	24931252	24919712	24975015	24941993	0.12	cps
Sulfur	34-1	13808093	13648247	13640439	13698926	0.69	cps
Terbium	159-1	5866935	5881612	5896690	5881746	0.25	cps
Terbium	159-2	1076302	1072658	1075655	1074872	0.18	cps
Thallium	203-1	608	467	617	564	14.95	cps
Thallium	205-1	1067	1033	1142	1081	5.14	cps
Tin	118-1	8136	8486	8361	8328	2.13	cps
Titanium	47-1	867	958	1000	942	7.24	cps
Uranium	238-1	70073	69050	70794	69972	1.25	cps
Vanadium	51-2	38486	38042	37838	38122	0.87	cps
Yttrium	89-1	4756517	4740634	4744063	4747071	0.18	cps
Yttrium	89-2	143781	143561	143376	143573	0.14	cps
Zinc	66-2	3901	4161	3861	3974	4.10	cps
Zirconium	90-1	17362	17712	18046	17707	1.93	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	J1040-14	Instrumnet Name :	P8
Client Sample ID :	WP022MW359-180103	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:40:07	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4343	4376	3734	4151	8.71	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:43:19	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	251772	250564	248971	250436	0.56	cps
Antimony	121-1	3727031	3776940	3802735	3768902	1.02	cps
Arsenic	75-2	43503	43702	43056	43420	0.76	cps
Barium	135-1	4374341	4394620	4389898	4386286	0.24	cps
Barium	137-1	7519516	7437189	7419345	7458683	0.72	cps
Beryllium	9-1	451825	452542	450987	451785	0.17	cps
Bismuth	209-1	4032551	4099345	4106137	4079344	1.00	cps
Bismuth	209-2	969904	966495	958978	965125	0.58	cps
Boron	10-1	53283	54998	56605	54962	3.02	cps
Boron	11-1	248342	253486	255606	252478	1.48	cps
Cadmium	111-1	813628	806307	811369	810435	0.46	cps
Cadmium	106-1	85311	84574	85144	85010	0.45	cps
Cadmium	108-1	58074	58886	57765	58242	0.99	cps
Calcium	43-1	4046300	4086520	4050329	4061050	0.55	cps
Calcium	44-1	66656989	66512658	66061387	66410345	0.47	cps
Chromium	52-2	346526	346943	343878	345782	0.48	cps
Cobalt	59-2	725491	728258	720873	724874	0.51	cps
Copper	63-2	1226977	1231156	1211612	1223248	0.84	cps
Dysprosium	156-1	183	92	133	136	33.72	cps
Dysprosium	156-2	27	7	10	14	74.18	cps
Erbium	164-1	83	67	58	69	18.33	cps
Erbium	164-2	7	7	20	11	69.25	cps
Gadolinium	160-1	75	92	75	81	11.95	cps
Gadolinium	160-2	7	23	17	16	53.90	cps
Holmium	165-1	6499635	6454707	6508114	6487485	0.44	cps
Holmium	165-2	1278364	1271669	1271300	1273778	0.31	cps
Indium	115-1	4982009	4951637	5047886	4993844	0.99	cps
Indium	115-2	207765	206709	205005	206493	0.67	cps
Iron	56-2	56171608	56495137	56179786	56282177	0.33	cps
Iron	57-2	1436296	1454191	1458648	1449712	0.82	cps
Lead	206-1	2591496	2629685	2633504	2618228	0.89	cps
Lead	207-1	2384906	2410619	2409308	2401611	0.60	cps
Lead	208-1	10657399	10707523	10722600	10695841	0.32	cps
Lithium	6-1	698381	696996	702459	699278	0.41	cps
Magnesium	24-2	5990489	5995582	5967532	5984534	0.25	cps
Manganese	55-2	197295	197705	195152	196717	0.70	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:43:19	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6734556	6695089	6657658	6695768	0.57	cps
Molybdenum	95-1	8213912	8238614	8183028	8211851	0.34	cps
Molybdenum	96-1	9192934	9178619	9093023	9154859	0.59	cps
Molybdenum	97-1	5216211	5207915	5140524	5188217	0.80	cps
Molybdenum	98-1	13146069	13214814	13071711	13144198	0.54	cps
Neodymium	150-1	227	253	273	251	9.32	cps
Neodymium	150-2	30	13	27	23	37.81	cps
Nickel	60-2	209693	208661	205148	207834	1.15	cps
Phosphorus	31-2	3409	3601	3317	3442	4.20	cps
Potassium	39-2	1776442	1764808	1782093	1774448	0.50	cps
Rhodium	103-1	4539958	4468797	4491553	4500103	0.81	cps
Rhodium	103-2	1163612	1157742	1143461	1154938	0.90	cps
Scandium	45-1	2785589	2830112	2825828	2813843	0.87	cps
Scandium	45-2	22892	22448	23360	22900	1.99	cps
Selenium	77-2	333	283	313	310	8.12	cps
Selenium	78-2	952	980	920	951	3.12	cps
Selenium	82-1	50725	49761	50177	50221	0.96	cps
Silicon	28-1	1767815	1767815	1761863	1765831	0.19	cps
Silver	109-1	3880662	3871908	3867183	3873251	0.18	cps
Silver	107-1	4031348	4070847	4001579	4034591	0.86	cps
Sodium	23-2	13938012	13939752	13846710	13908158	0.38	cps
Strontium	86-1	1078642	1072661	1075023	1075442	0.28	cps
Strontium	88-1	9459482	9401165	9408582	9423076	0.34	cps
Sulfur	34-1	549888	550935	547886	549570	0.28	cps
Terbium	159-1	6666463	6627873	6729529	6674622	0.77	cps
Terbium	159-2	1223157	1224007	1223644	1223603	0.03	cps
Thallium	203-1	3227170	3239039	3231324	3232511	0.19	cps
Thallium	205-1	7545694	7509455	7503938	7519696	0.30	cps
Tin	118-1	2771624	2818815	2777343	2789261	0.92	cps
Titanium	47-1	2097761	2098376	2079629	2091922	0.51	cps
Uranium	238-1	10606931	10569067	10632923	10602974	0.30	cps
Vanadium	51-2	260732	260715	257911	259786	0.62	cps
Yttrium	89-1	5356020	5303431	5336191	5331881	0.50	cps
Yttrium	89-2	163498	163947	162162	163203	0.57	cps
Zinc	66-2	113506	113157	113587	113417	0.20	cps
Zirconium	90-1	5721587	5626904	5692690	5680394	0.85	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:43:19	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1257443	1245431	1241789	1248221	0.66	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:46:22	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	8	19	65.47	cps
Antimony	121-1	1759	1951	1868	1859	5.17	cps
Arsenic	75-2	4	7	6	6	33.38	cps
Barium	135-1	8	50	25	28	75.51	cps
Barium	137-1	58	67	83	69	18.33	cps
Beryllium	9-1	539	439	450	476	11.52	cps
Bismuth	209-1	4134949	4156626	4134665	4142080	0.30	cps
Bismuth	209-2	1014595	1007574	1004049	1008739	0.53	cps
Boron	10-1	2900	2475	2442	2606	9.81	cps
Boron	11-1	13407	12739	12906	13018	2.67	cps
Cadmium	111-1	721	679	667	689	4.09	cps
Cadmium	106-1	892	808	767	822	7.74	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	958	1000	950	970	2.76	cps
Calcium	44-1	24664	24472	24539	24559	0.40	cps
Chromium	52-2	217	257	277	250	12.22	cps
Cobalt	59-2	50	90	90	77	30.12	cps
Copper	63-2	623	563	540	576	7.47	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	42	75	25	47	53.91	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	6356349	6340345	6356130	6350941	0.14	cps
Holmium	165-2	1272780	1272154	1266773	1270569	0.26	cps
Indium	115-1	5149248	5139802	5149905	5146318	0.11	cps
Indium	115-2	221239	220212	220053	220501	0.29	cps
Iron	56-2	2400	2461	2573	2478	3.52	cps
Iron	57-2	94	83	39	72	40.71	cps
Lead	206-1	328	361	283	324	12.04	cps
Lead	207-1	306	294	239	280	12.77	cps
Lead	208-1	1283	1345	1239	1289	4.11	cps
Lithium	6-1	731704	731710	733713	732376	0.16	cps
Magnesium	24-2	267	300	300	289	6.66	cps
Manganese	55-2	33	37	60	43	33.53	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:46:22	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	758	733	708	733	3.41	cps
Molybdenum	95-1	925	825	875	875	5.71	cps
Molybdenum	96-1	1350	1058	1008	1139	16.20	cps
Molybdenum	97-1	675	558	658	631	10.01	cps
Molybdenum	98-1	1467	1550	1008	1342	21.74	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	133	133	139	6.93	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2442	2825	2592	2620	7.38	cps
Rhodium	103-1	4744841	4759069	4715880	4739930	0.46	cps
Rhodium	103-2	1230276	1234502	1231378	1232052	0.18	cps
Scandium	45-1	2841020	2820934	2844828	2835594	0.45	cps
Scandium	45-2	23740	23326	23603	23557	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	21	-80	-65	-41	-132.16	cps
Silicon	28-1	369903	366929	365913	367582	0.56	cps
Silver	109-1	308	400	317	342	14.84	cps
Silver	107-1	292	2575	217	1028	130.41	cps
Sodium	23-2	23654	22085	22393	22711	3.66	cps
Strontium	86-1	425	558	525	503	13.80	cps
Strontium	88-1	267	175	167	203	27.36	cps
Sulfur	34-1	333955	334763	336460	335059	0.38	cps
Terbium	159-1	6568113	6546021	6570671	6561602	0.21	cps
Terbium	159-2	1225912	1229656	1215789	1223785	0.59	cps
Thallium	203-1	733	733	708	725	1.99	cps
Thallium	205-1	1617	1692	1784	1697	4.92	cps
Tin	118-1	967	700	900	856	16.22	cps
Titanium	47-1	142	167	117	142	17.65	cps
Uranium	238-1	142	100	83	108	27.73	cps
Vanadium	51-2	20	10	3	11	75.52	cps
Yttrium	89-1	5321302	5311511	5351746	5328186	0.39	cps
Yttrium	89-2	167361	166088	165766	166405	0.51	cps
Zinc	66-2	37	27	40	34	20.14	cps
Zirconium	90-1	450	542	450	481	11.01	cps

LB Number :	LB92578	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-01-11 18:46:22	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	133	133	111	34.64	cps