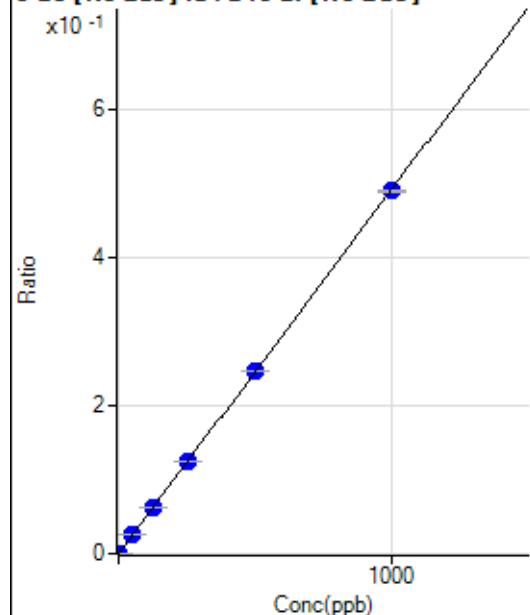


Batch Folder: D:\ICP-MS Data\P7122717-MS.b\
Analysis File: P7122717-MS.batch.bin
DA Date-Time: 2017-12-27 17:40:51
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-12-27 12:40:35
2			
3	005CALS.d	S02	2017-12-27 12:48:26
4	006CALS.d	S03	2017-12-27 12:52:16
5	007CALS.d	S04	2017-12-27 12:56:06
6	008CALS.d	S05	2017-12-27 12:59:55
7	009CALS.d	S06	2017-12-27 13:03:41
8	010CALS.d	S07	2017-12-27 13:07:25
9	011CALS.d	S08	2017-12-27 13:11:08

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.41	0.0000	P	22.7
2	☐	0.100					
3	☐	1.000	0.943	1651.99	0.0005	P	8.3
4	☐	50.000	51.155	86178.66	0.0251	P	0.9
5	☐	125.000	128.456	215420.67	0.0631	P	1.4
6	☐	250.000	255.108	416934.66	0.1252	P	0.5
7	☐	500.000	503.037	810531.08	0.2469	P	0.1
8	☐	1000.000	996.715	1560001.67	0.4892	P	0.7
9	☐			1755.71	0.0006	P	10.9

$$y = 4.9076\text{E-}004 * x + 1.6665\text{E-}005$$

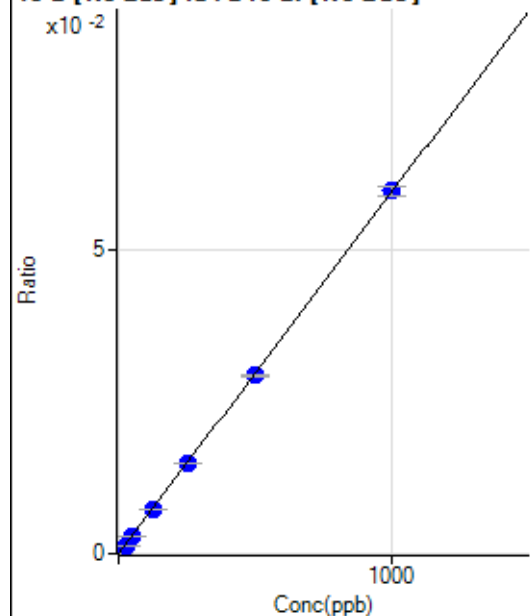
$$R = 1.0000$$

$$DL = 0.0231$$

$$BEC = 0.03396$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	53.6
2	☐	2.500					
3	☐	25.000	21.632	4498.08	0.0013	P	2.9
4	☐	50.000	48.540	9950.90	0.0029	P	2.7
5	☐	125.000	122.152	24829.43	0.0073	P	3.3
6	☐	250.000	248.849	49231.15	0.0148	P	1.1
7	☐	500.000	492.750	96039.70	0.0293	P	1.8
8	☐	1000.000	1004.426	190086.14	0.0596	P	2.9
9	☐			6629.48	0.0022	P	7.3

$$y = 5.9329\text{E-}005 * x + 2.0979\text{E-}005$$

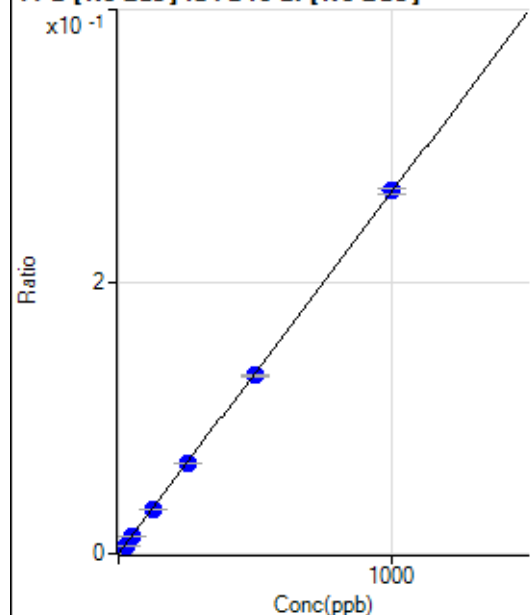
$$R = 1.0000$$

$$DL = 0.5689$$

$$BEC = 0.3536$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	236.12	0.0001	P	17.9
2	☐	2.500					
3	☐	25.000	21.788	20228.17	0.0059	P	4.8
4	☐	50.000	49.487	45402.24	0.0132	P	1.7
5	☐	125.000	123.648	112619.56	0.0330	P	1.8
6	☐	250.000	249.703	221441.83	0.0665	P	1.6
7	☐	500.000	493.260	431052.32	0.1313	P	1.3
8	☐	1000.000	1003.719	851788.18	0.2671	P	1.9
9	☐			29785.88	0.0099	P	6.8

$$y = 2.6606E-004 * x + 6.8529E-005$$

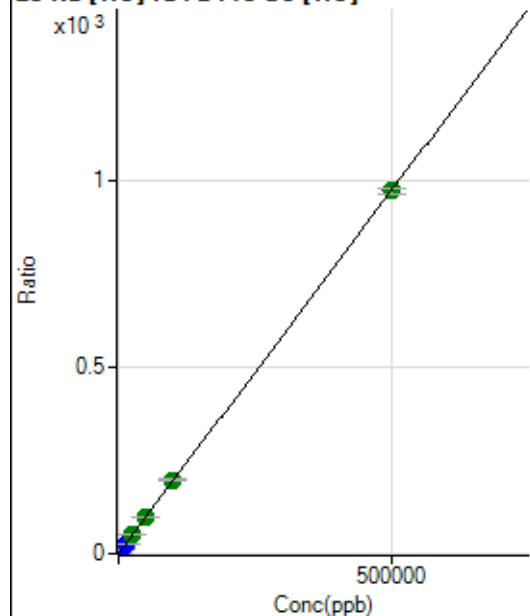
$$R = 1.0000$$

$$DL = 0.1386$$

$$BEC = 0.2576$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24195.18	0.1655	P	1.2
2	☐	50.000					
3	☐	500.000	466.018	156062.46	1.0721	P	0.4
4	☐	5000.000	5097.556	1471181.61	10.0821	P	0.5
5	☐	12500.000	12907.036	3439284.30	25.2744	P	4.5
6	☐	25000.000	25137.315	7006623.59	49.0667	A	0.5
7	☐	50000.000	51043.021	13692510.55	99.4628	A	1.2
8	☐	100000.00	101818.97	25001913.06	198.2405	A	1.3
9	☐	500000.00	499513.92	131223582.1	971.9022	A	1.8

$$y = 0.0019 * x + 0.1655$$

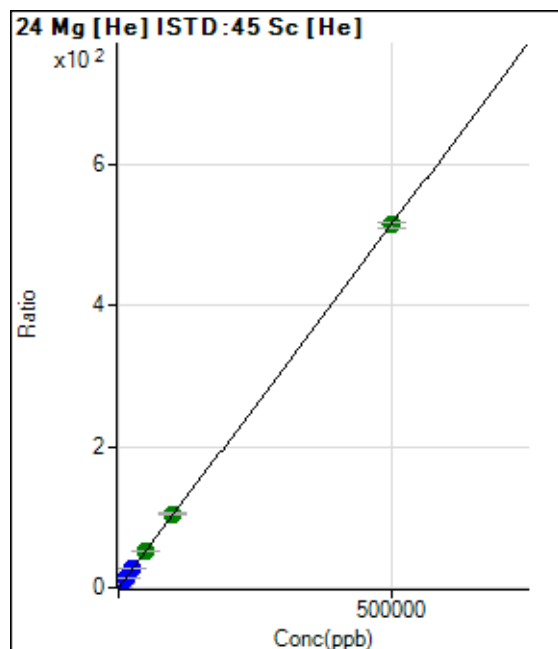
$$R = 1.0000$$

$$DL = 3.085$$

$$BEC = 85.06$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4717.62	0.0323	P	7.0
2	☐	50.000					
3	☐	500.000	469.728	75049.47	0.5155	P	0.5
4	☐	5000.000	5072.425	766231.51	5.2509	P	0.1
5	☐	12500.000	12791.293	1794884.48	13.1923	P	5.2
6	☐	25000.000	25279.028	3718492.22	26.0399	P	0.3
7	☐	50000.000	51109.889	7243278.63	52.6153	A	1.1
8	☐	100000.00	101428.78	13164594.91	104.3845	A	1.3
9	☐	500000.00	499581.32	69401039.05	514.0128	A	1.7

$$y = 0.0010 * x + 0.0323$$

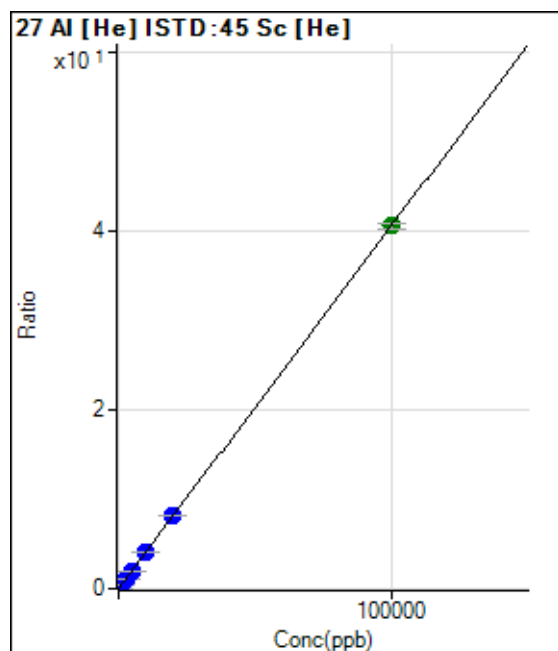
$$R = 1.0000$$

$$DL = 6.604$$

$$BEC = 31.38$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0003	P	45.7
2	☐	2.000					
3	☐	20.000	19.059	1175.10	0.0081	P	11.1
4	☐	1000.000	1008.644	59728.33	0.4093	P	1.4
5	☐	2500.000	2636.651	145474.25	1.0695	P	5.1
6	☐	5000.000	5012.285	290280.06	2.0328	P	0.3
7	☐	10000.000	10081.916	562850.71	4.0885	P	1.0
8	☐	20000.000	20138.482	1030134.48	8.1664	P	0.8
9	☐	100000.00	99959.995	5472721.30	40.5335	A	1.8

$$y = 4.0549E-004 * x + 3.4347E-004$$

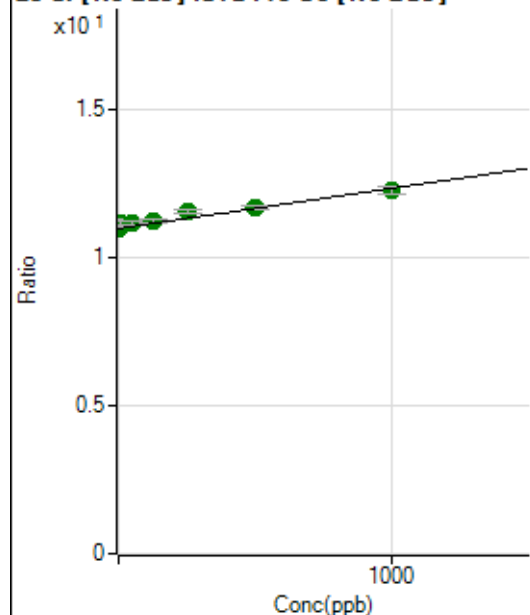
$$R = 1.0000$$

$$DL = 1.162$$

$$BEC = 0.847$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35491108.08	10.9705	A	0.3
2	☐	1.000					
3	☐	10.000	136.335	36015013.31	11.1551	A	2.1
4	☐	50.000	128.092	35778807.40	11.1439	A	0.9
5	☐	125.000	195.091	35926209.83	11.2346	A	1.1
6	☐	250.000	435.229	35909230.31	11.5598	A	1.0
7	☐	500.000	513.662	35788120.94	11.6660	A	1.3
8	☐	1000.000	932.933	36535955.33	12.2337	A	2.0
9	☐			34199115.00	11.9597	A	1.0

$$y = 0.0014 * x + 10.9705$$

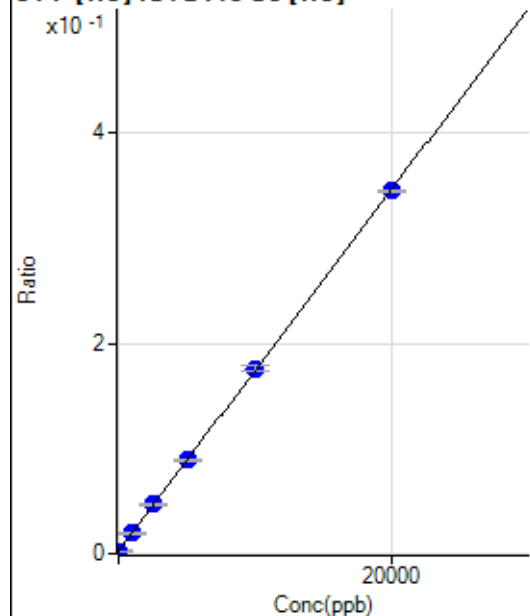
$$R = 0.9781$$

$$DL = 77.04$$

$$BEC = 8102$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	10.699	388.91	0.0027	P	10.5
2	☐	0.000					
3	☐	0.000	-10.699	333.35	0.0023	P	13.8
4	☐	1000.000	973.897	2800.39	0.0192	P	14.4
5	☐	2500.000	2571.472	6340.49	0.0466	P	5.8
6	☐	5000.000	5036.657	12703.13	0.0890	P	2.3
7	☐	10000.000	10115.229	24245.56	0.1762	P	3.6
8	☐	20000.000	19925.592	43478.32	0.3446	P	0.3
9	☐			441.69	0.0033	P	13.8

$$y = 1.7170E-005 * x + 0.0025$$

$$R = 1.0000$$

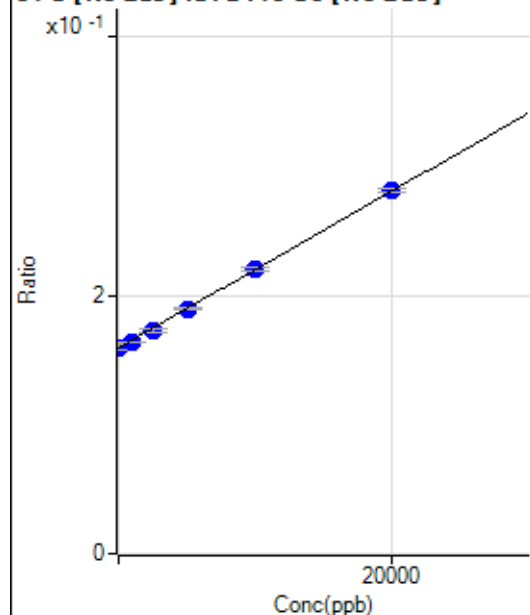
$$DL = 52.07$$

$$BEC = 144.1$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	22.265	516327.75	0.1596	P	0.3
2	☐	0.000					
3	☐	0.000	-22.265	514368.16	0.1593	P	2.7
4	☐	1000.000	766.319	526879.59	0.1641	P	0.3
5	☐	2500.000	2225.701	553021.80	0.1729	P	1.7
6	☐	5000.000	4997.490	589375.32	0.1897	P	1.0
7	☐	10000.000	10028.349	675536.84	0.2202	P	0.8
8	☐	20000.000	20032.424	838658.87	0.2808	P	1.1
9	☐			472681.47	0.1653	P	0.7

$$y = 6.0560E-006 * x + 0.1595$$

$$R = 0.9999$$

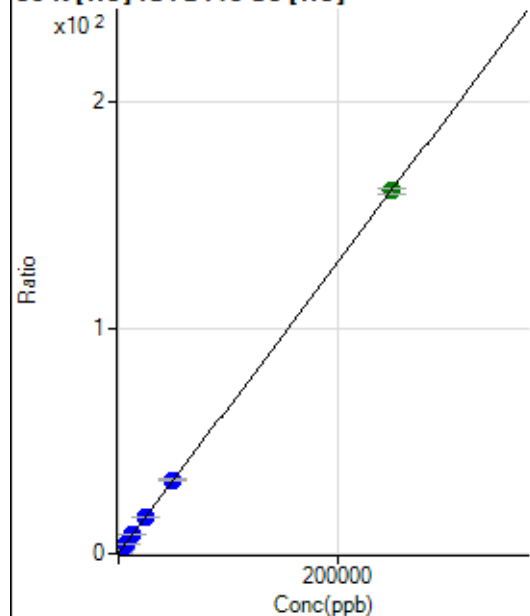
$$DL = 1198$$

$$BEC = 2.633E+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23566.71	0.1612	P	3.1
2	☐	50.000					
3	☐	500.000	459.599	66502.32	0.4568	P	1.8
4	☐	2500.000	2510.021	259139.47	1.7758	P	0.5
5	☐	6250.000	6306.997	573967.00	4.2182	P	5.0
6	☐	12500.000	12479.970	1169382.06	8.1890	P	0.3
7	☐	25000.000	25262.665	2259292.43	16.4116	P	1.2
8	☐	50000.000	50627.279	4128166.54	32.7275	P	0.9
9	☐	250000.00	249847.83	21722072.88	160.8773	A	1.5

$$y = 6.4326E-004 * x + 0.1612$$

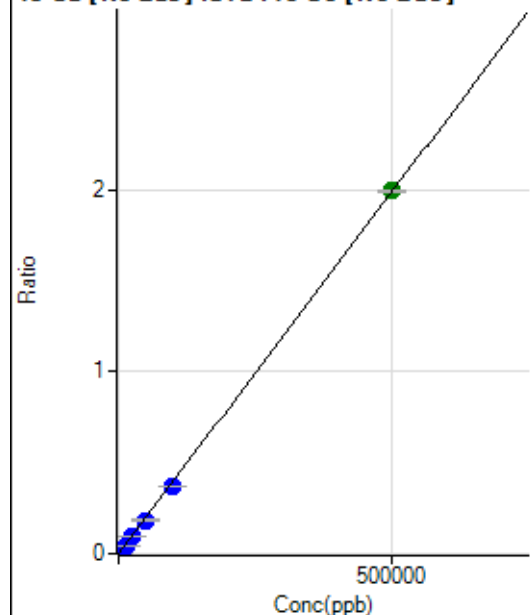
$$R = 1.0000$$

$$DL = 23.42$$

$$BEC = 250.6$$

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	102.78	0.0000	P	36.2
2	☐	50.000					
3	☐	500.000	424.142	5545.72	0.0017	P	2.5
4	☐	5000.000	4616.170	58996.39	0.0184	P	1.6
5	☐	12500.000	11537.888	146721.09	0.0459	P	0.6
6	☐	25000.000	23523.745	290474.58	0.0935	P	1.3
7	☐	50000.000	46378.773	565497.26	0.1843	P	0.8
8	☐	100000.00	92714.515	1100490.13	0.3685	P	1.3
9	☐	500000.00	501920.99	5703647.22	1.9946	A	0.3

$$y = 3.9738\text{E-}006 * x + 3.1737\text{E-}005$$

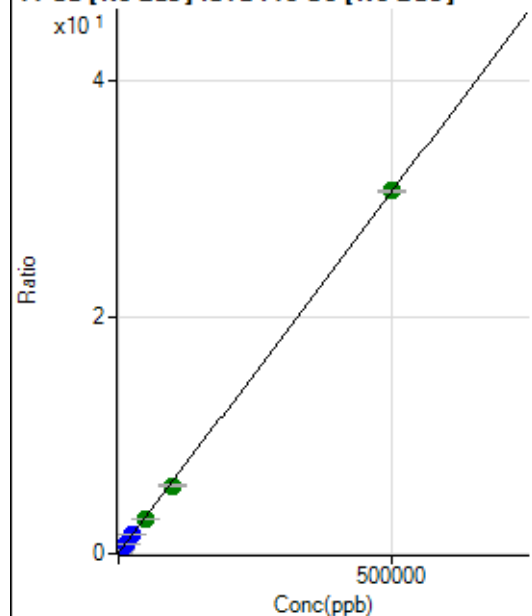
$$R = 0.9999$$

$$DL = 8.664$$

$$BEC = 7.987$$

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	186632.19	0.0577	P	1.0
2	☐	50.000					
3	☐	500.000	426.047	270215.02	0.0837	P	1.9
4	☐	5000.000	4809.395	1127618.23	0.3512	P	0.2
5	☐	12500.000	12061.715	2538619.19	0.7938	P	0.7
6	☐	25000.000	24657.097	4854089.39	1.5626	P	0.5
7	☐	50000.000	46838.193	8946617.91	2.9163	A	1.0
8	☐	100000.00	93546.892	17225514.79	5.7671	A	1.2
9	☐	500000.00	501636.88	87714630.43	30.6737	A	0.4

$$y = 6.1032\text{E-}005 * x + 0.0577$$

$$R = 0.9999$$

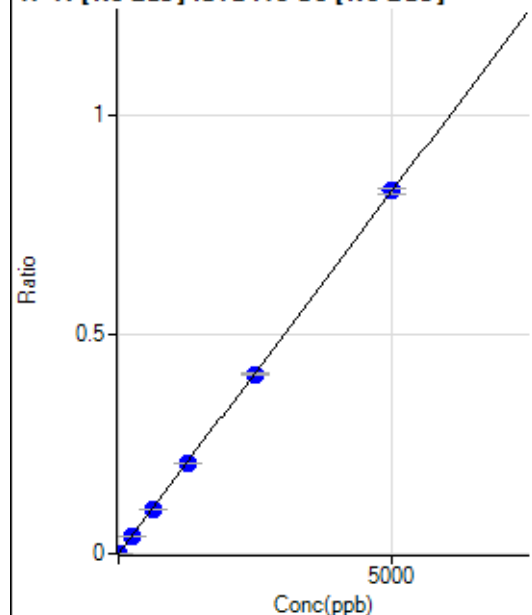
$$DL = 27$$

$$BEC = 945.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	266.68	0.0001	P	5.8
2	☐	0.500					
3	☐	5.000	4.668	2750.37	0.0009	P	3.8
4	☐	250.000	247.967	131478.90	0.0410	P	1.4
5	☐	625.000	614.108	323935.70	0.1013	P	0.9
6	☐	1250.000	1243.998	637200.90	0.2051	P	0.3
7	☐	2500.000	2476.084	1252203.88	0.4082	P	1.1
8	☐	5000.000	5014.922	2468907.50	0.8266	P	1.3
9	☐			850.06	0.0003	P	14.2

$$y = 1.6482E-004 * x + 8.2445E-005$$

$$R = 1.0000$$

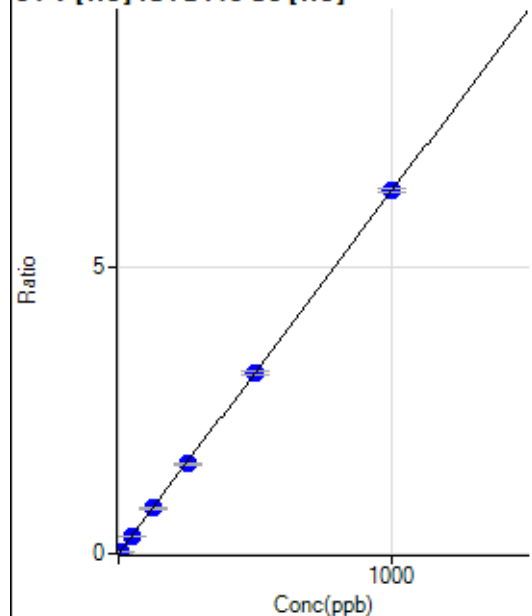
$$DL = 0.08678$$

$$BEC = 0.5002$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.67	0.0000	P	100.
2	☐	0.500					
3	☐	5.000	4.668	4306.26	0.0296	P	2.9
4	☐	50.000	49.721	45922.42	0.3147	P	0.7
5	☐	125.000	125.500	108082.52	0.7942	P	4.5
6	☐	250.000	247.478	223635.04	1.5661	P	1.0
7	☐	500.000	499.404	435071.73	3.1604	P	1.4
8	☐	1000.000	1000.881	798883.50	6.3339	P	1.1
9	☐			203.34	0.0015	P	9.8

$$y = 0.0063 * x + 4.5219E-005$$

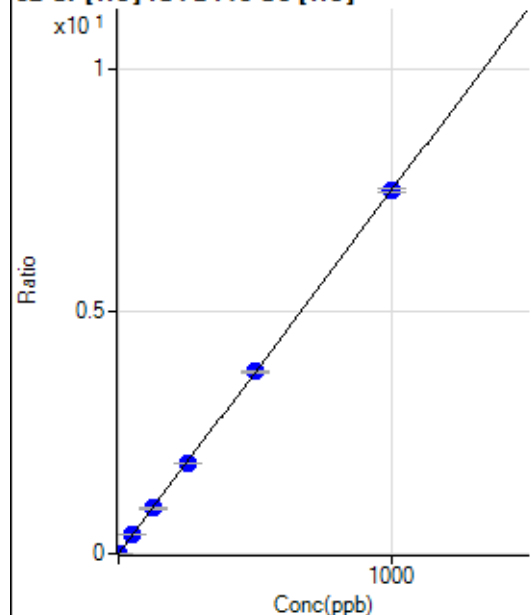
$$R = 1.0000$$

$$DL = 0.02145$$

$$BEC = 0.007146$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0008	P	13.8
2	☐	0.200					
3	☐	2.000	2.015	2309.10	0.0159	P	6.4
4	☐	50.000	50.623	55495.14	0.3803	P	1.0
5	☐	125.000	126.438	129130.75	0.9488	P	4.9
6	☐	250.000	250.049	267822.03	1.8756	P	0.7
7	☐	500.000	501.797	518039.54	3.7631	P	1.3
8	☐	1000.000	998.878	944743.63	7.4901	P	1.0
9	☐			8950.63	0.0663	P	4.1

$$y = 0.0075 * x + 7.5896E-004$$

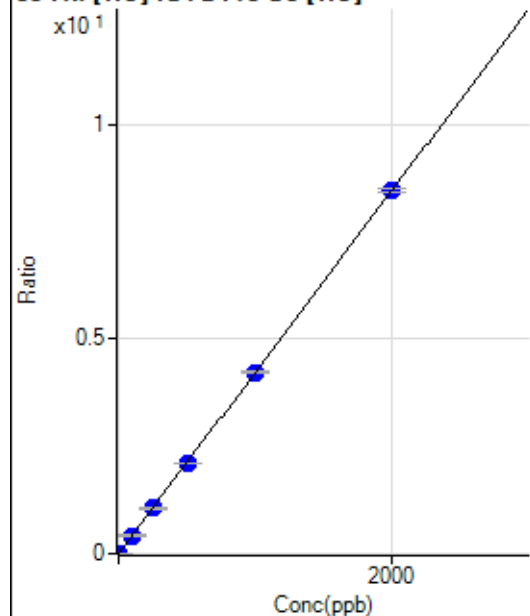
$$R = 1.0000$$

$$DL = 0.04187$$

$$BEC = 0.1012$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0004	P	40.1
2	☐	0.100					
3	☐	1.000	1.019	678.91	0.0047	P	8.3
4	☐	100.000	100.542	62010.04	0.4250	P	1.6
5	☐	250.000	251.718	144725.18	1.0635	P	4.7
6	☐	500.000	495.603	298938.30	2.0935	P	0.9
7	☐	1000.000	999.894	581402.97	4.2233	P	1.2
8	☐	2000.000	2000.910	1065908.45	8.4510	P	1.1
9	☐			2921.45	0.0216	P	6.3

$$y = 0.0042 * x + 3.5832E-004$$

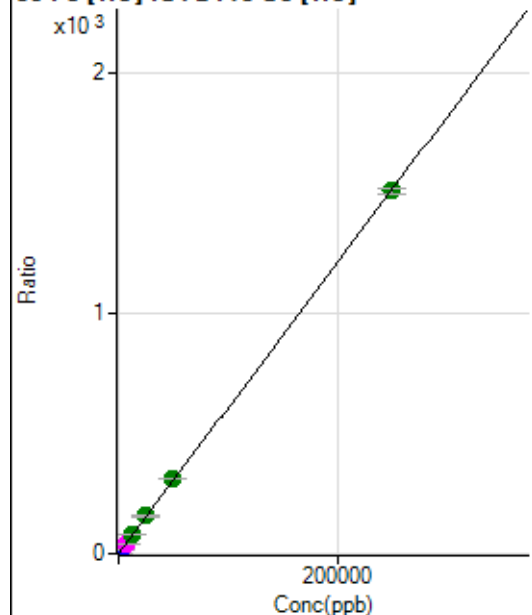
$$R = 1.0000$$

$$DL = 0.1021$$

$$BEC = 0.08484$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2683.65	0.0184	P	1.2
2	☐	5.000					
3	☐	50.000	47.616	44521.49	0.3058	P	0.5
4	☐	2500.000	2607.280	2299676.18	15.7597	P	0.4
5	☐	6250.000	6550.803	5382582.64	39.5686	M	5.5
6	☐	12500.000	12840.096	11072718.30	77.5401	A	0.2
7	☐	25000.000	25874.743	21508244.93	156.2363	A	1.1
8	☐	50000.000	51483.870	39206612.92	310.8507	A	1.1
9	☐	250000.00	249590.15	203463787.8	1,506.911	A	1.6

$$y = 0.0060 * x + 0.0184$$

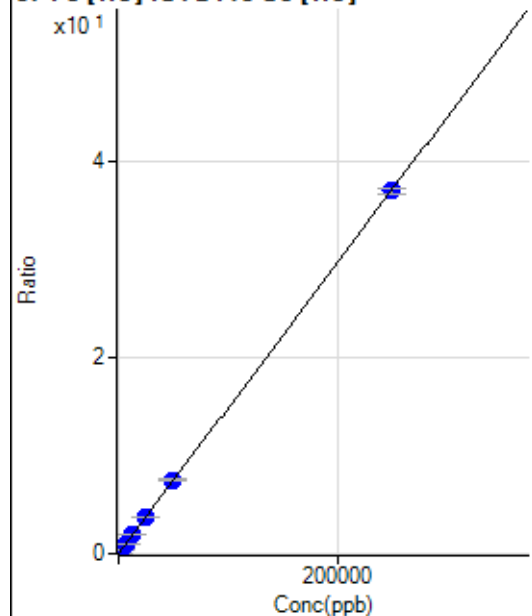
$$R = 1.0000$$

$$DL = 0.1077$$

$$BEC = 3.04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.75	0.0006	P	34.2
2	☐	5.000					
3	☐	50.000	49.702	1163.04	0.0080	P	12.2
4	☐	2500.000	2603.290	56410.43	0.3866	P	1.4
5	☐	6250.000	6492.831	131071.50	0.9633	P	4.8
6	☐	12500.000	12700.091	268978.50	1.8836	P	0.5
7	☐	25000.000	25440.697	519371.33	3.7727	P	1.0
8	☐	50000.000	50858.560	951306.79	7.5413	P	0.8
9	☐	250000.00	249767.11	5000051.96	37.0331	P	1.9

$$y = 1.4827E-004 * x + 6.2171E-004$$

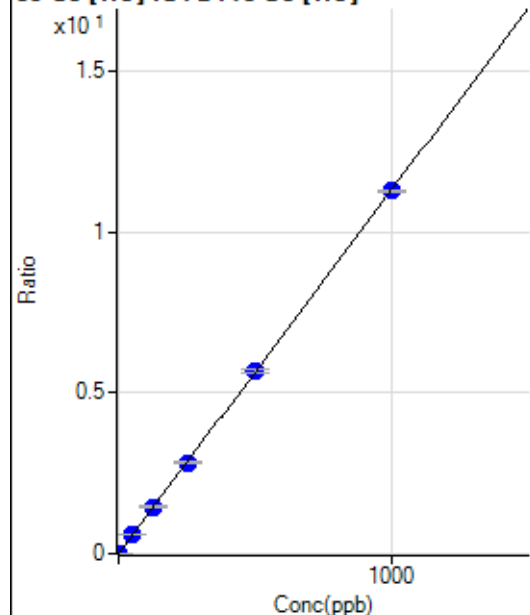
$$R = 1.0000$$

$$DL = 4.304$$

$$BEC = 4.193$$

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	85.56	0.0006	P	22.8
2	☐	0.100					
3	☐	1.000	0.986	1710.13	0.0117	P	1.7
4	☐	50.000	51.947	85883.87	0.5886	P	0.8
5	☐	125.000	128.185	197513.20	1.4515	P	5.3
6	☐	250.000	251.044	405833.53	2.8421	P	1.1
7	☐	500.000	503.158	784085.54	5.6958	P	1.5
8	☐	1000.000	997.664	1424587.13	11.2930	P	0.7
9	☐			1797.92	0.0133	P	2.9

$$y = 0.0113 * x + 5.8633E-004$$

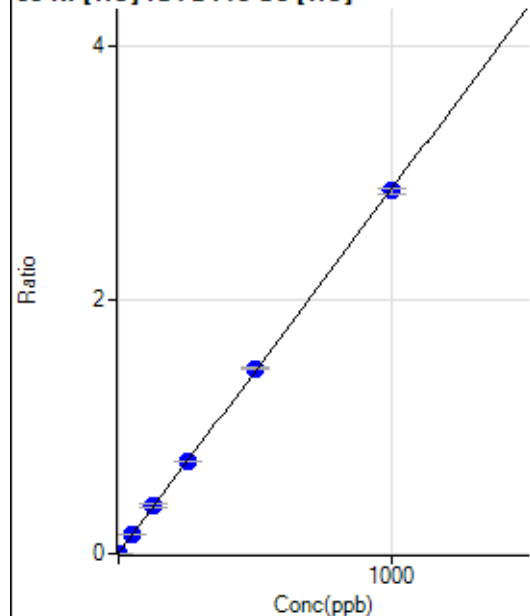
$$R = 1.0000$$

$$DL = 0.03545$$

$$BEC = 0.0518$$

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	360.01	0.0025	P	8.8
2	☐	0.100					
3	☐	1.000	1.236	875.60	0.0060	P	5.3
4	☐	50.000	52.391	22326.08	0.1530	P	0.5
5	☐	125.000	130.501	51359.86	0.3774	P	5.0
6	☐	250.000	253.648	104424.94	0.7313	P	0.7
7	☐	500.000	506.914	200854.02	1.4590	P	1.3
8	☐	1000.000	994.824	360766.79	2.8610	P	1.7
9	☐			2566.93	0.0190	P	5.9

$$y = 0.0029 * x + 0.0025$$

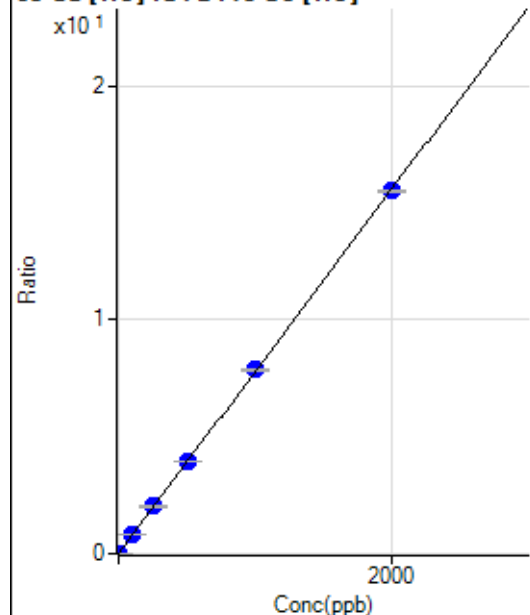
$$R = 0.9999$$

$$DL = 0.2274$$

$$BEC = 0.857$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	961.16	0.0066	P	10.6
2	☐	0.200					
3	☐	2.000	2.008	3229.30	0.0222	P	3.9
4	☐	100.000	103.848	118822.64	0.8143	P	0.5
5	☐	250.000	259.224	275249.99	2.0228	P	4.8
6	☐	500.000	505.136	561971.44	3.9355	P	0.9
7	☐	1000.000	1010.441	1082821.88	7.8657	P	1.2
8	☐	2000.000	1992.150	1955566.55	15.5013	P	0.6
9	☐			3427.12	0.0254	P	2.7

$$y = 0.0078 * x + 0.0066$$

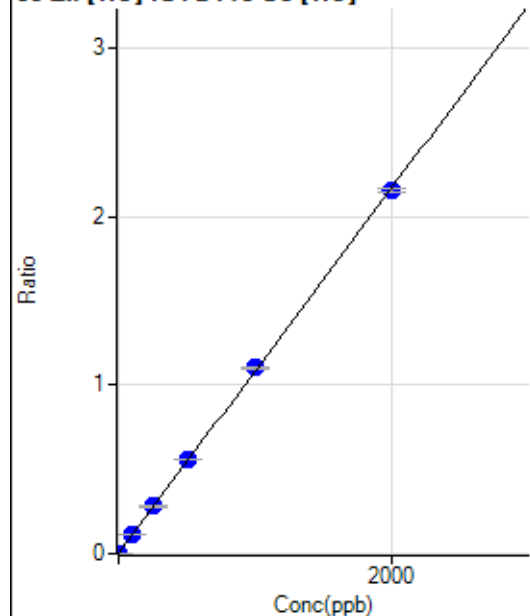
$$R = 1.0000$$

$$DL = 0.2687$$

$$BEC = 0.8442$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.56	0.0012	P	10.1
2	☐	0.200					
3	☐	2.000	2.095	505.57	0.0035	P	10.8
4	☐	100.000	103.843	16614.05	0.1139	P	0.3
5	☐	250.000	260.738	38646.82	0.2841	P	4.7
6	☐	500.000	512.129	79505.87	0.5568	P	0.6
7	☐	1000.000	1019.159	152373.57	1.1068	P	1.0
8	☐	2000.000	1985.854	271883.29	2.1555	P	1.0
9	☐			741.14	0.0055	P	5.3

$$y = 0.0011 * x + 0.0012$$

$$R = 0.9999$$

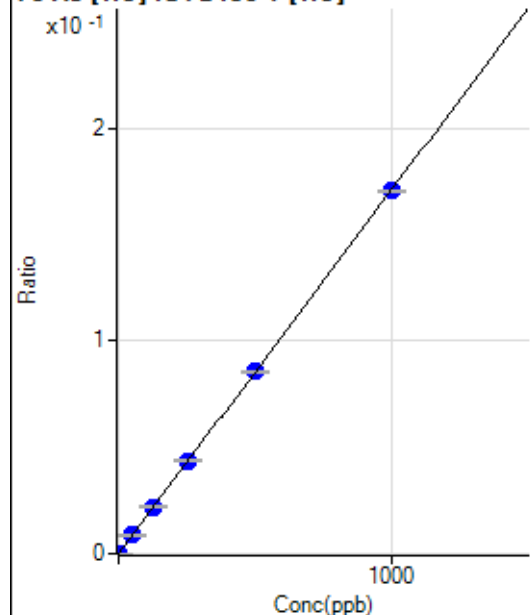
$$DL = 0.3357$$

$$BEC = 1.107$$

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	3.08	0.0000	P	35.1
2	☐	0.100					
3	☐	1.000	1.031	100.00	0.0002	P	6.5
4	☐	50.000	50.518	4761.93	0.0086	P	2.5
5	☐	125.000	128.384	11303.84	0.0220	P	2.5
6	☐	250.000	255.661	23645.20	0.0437	P	0.7
7	☐	500.000	501.144	45405.80	0.0857	P	1.4
8	☐	1000.000	997.564	83186.90	0.1707	P	0.5
9	☐			48.77	0.0001	P	16.9

$$y = 1.7109\text{E-}004 * x + 5.5704\text{E-}006$$

$$R = 1.0000$$

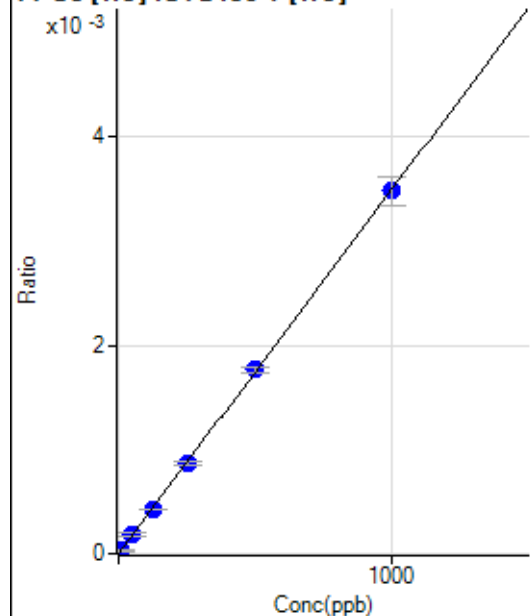
$$DL = 0.03432$$

$$BEC = 0.03256$$

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	8.109	15.56	0.0000	P	75.3
4	☐	50.000	53.183	102.23	0.0002	P	12.5
5	☐	125.000	122.374	220.00	0.0004	P	1.7
6	☐	250.000	248.279	468.91	0.0009	P	5.8
7	☐	500.000	506.314	936.72	0.0018	P	2.8
8	☐	1000.000	997.427	1696.79	0.0035	P	7.8
9	☐			0.00	0.0000	P	

$$y = 3.4937\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

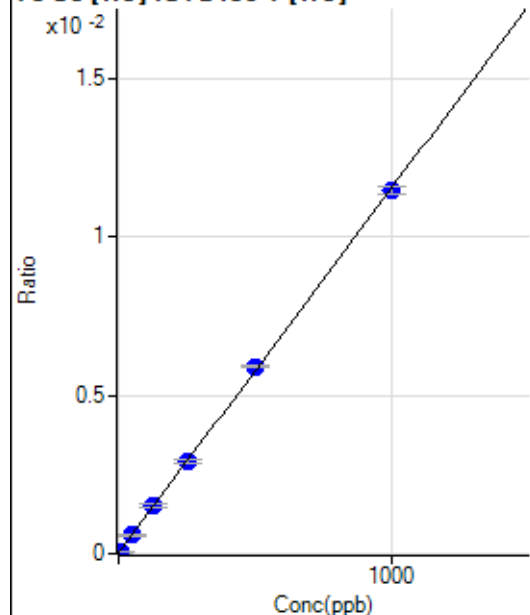
$$DL = 0$$

$$BEC = 0$$

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	12.35	0.0000	P	104.
2	☐	0.500					
3	☐	5.000	4.305	39.51	0.0001	P	7.0
4	☐	50.000	50.136	330.25	0.0006	P	10.7
5	☐	125.000	129.796	780.28	0.0015	P	8.1
6	☐	250.000	252.585	1585.29	0.0029	P	4.7
7	☐	500.000	511.839	3135.55	0.0059	P	1.1
8	☐	1000.000	992.831	5585.07	0.0115	P	2.2
9	☐			19.75	0.0000	P	37.5

$$y = 1.1525\text{E-}005 * x + 2.2269\text{E-}005$$

$$R = 0.9999$$

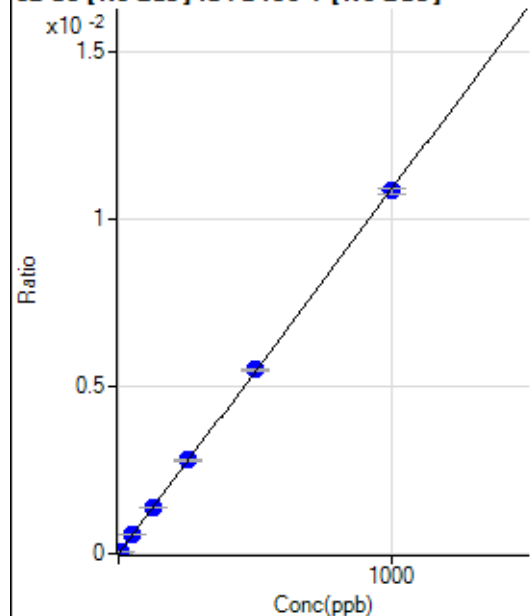
$$DL = 6.058$$

$$BEC = 1.932$$

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	-19.43	0.0000	P	-45.
2	☐	0.500					
3	☐	5.000	4.036	167.69	0.0000	P	19.3
4	☐	50.000	50.409	2301.29	0.0005	P	0.4
5	☐	125.000	126.395	5823.55	0.0014	P	1.7
6	☐	250.000	257.090	11588.62	0.0028	P	1.2
7	☐	500.000	504.275	22504.69	0.0055	P	1.3
8	☐	1000.000	995.900	43441.25	0.0109	P	1.7
9	☐			18.51	0.0000	P	148.

$$y = 1.0911\text{E-}005 * x - 4.5575\text{E-}006$$

$$R = 1.0000$$

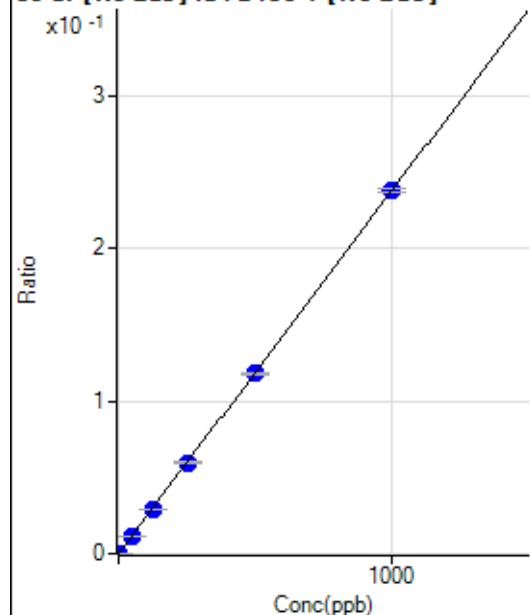
$$DL = 0.5756$$

$$BEC = -0.4177$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.12	0.0000	P	15.6
2	☐	0.100					
3	☐	1.000	1.000	1191.77	0.0003	P	8.1
4	☐	50.000	49.548	49795.41	0.0118	P	0.8
5	☐	125.000	123.245	124106.64	0.0293	P	0.9
6	☐	250.000	251.504	247138.87	0.0597	P	2.0
7	☐	500.000	497.594	483591.69	0.1181	P	0.8
8	☐	1000.000	1001.069	950402.16	0.2376	P	1.2
9	☐			32392.95	0.0085	P	1.0

$$y = 2.3733\text{E-}004 * x + 4.3637\text{E-}005$$

$$R = 1.0000$$

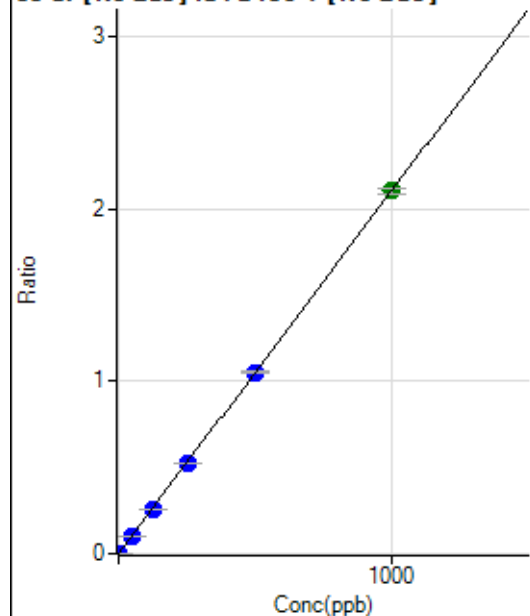
$$DL = 0.08615$$

$$BEC = 0.1839$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.79	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	0.934	8547.32	0.0020	P	0.4
4	☐	50.000	49.479	439705.61	0.1042	P	0.3
5	☐	125.000	123.146	1098708.63	0.2593	P	0.4
6	☐	250.000	248.658	2166456.73	0.5236	P	0.6
7	☐	500.000	500.532	4314116.89	1.0539	P	0.5
8	☐	1000.000	1000.327	8423694.11	2.1062	A	1.3
9	☐			281070.44	0.0740	P	0.5

$$y = 0.0021 * x + 4.7524\text{E-}005$$

$$R = 1.0000$$

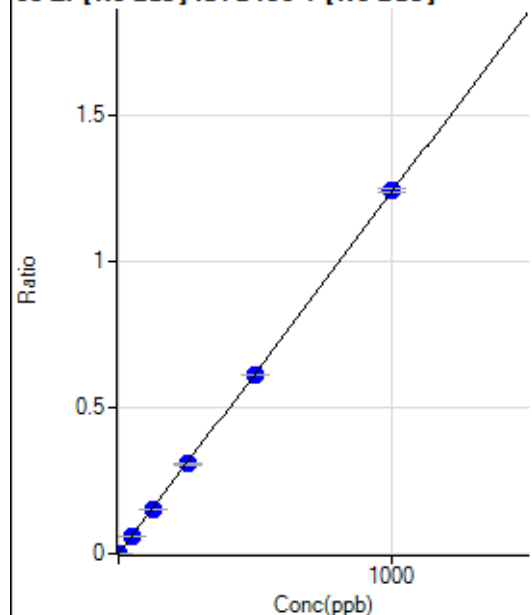
$$DL = 0.0151$$

$$BEC = 0.02257$$

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	225.01	0.0001	P	22.2
2	☐	0.100					
3	☐	1.000	0.839	4614.83	0.0011	P	2.1
4	☐	50.000	48.009	249996.64	0.0593	P	0.7
5	☐	125.000	122.221	638800.07	0.1508	P	0.7
6	☐	250.000	247.550	1263378.46	0.3053	P	0.6
7	☐	500.000	493.424	2491099.90	0.6085	P	0.2
8	☐	1000.000	1004.348	4953913.35	1.2386	P	1.1
9	☐			1144.54	0.0003	P	9.8

$$y = 0.0012 * x + 5.2733E-005$$

$$R = 1.0000$$

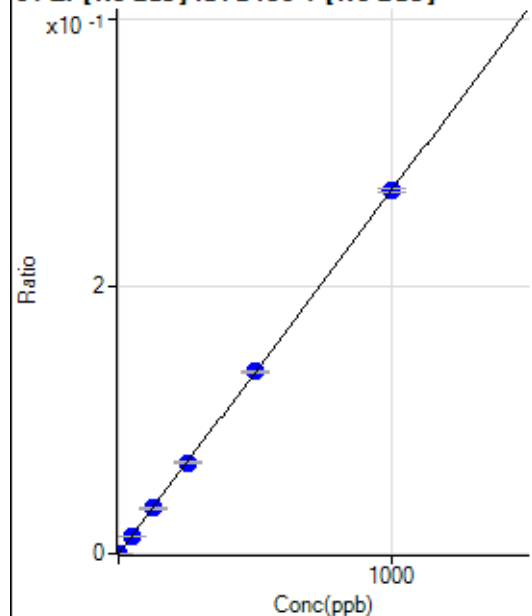
$$DL = 0.02848$$

$$BEC = 0.04276$$

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	30.56	0.0000	P	42.0
2	☐	0.100					
3	☐	1.000	0.908	1077.86	0.0003	P	5.0
4	☐	50.000	49.129	56297.83	0.0133	P	0.5
5	☐	125.000	124.612	143361.64	0.0338	P	0.8
6	☐	250.000	250.297	281174.26	0.0680	P	1.7
7	☐	500.000	501.621	557456.95	0.1362	P	1.2
8	☐	1000.000	999.207	1084939.26	0.2713	P	1.2
9	☐			272.24	0.0001	P	8.0

$$y = 2.7147E-004 * x + 7.1740E-006$$

$$R = 1.0000$$

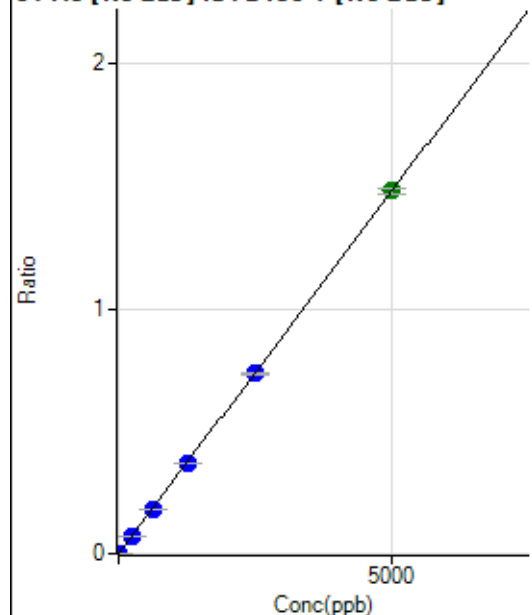
$$DL = 0.0333$$

$$BEC = 0.02643$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	47.9
2	☐	0.500					
3	☐	5.000	4.460	5668.05	0.0013	P	8.2
4	☐	250.000	245.603	306555.06	0.0727	P	0.8
5	☐	625.000	614.030	769547.40	0.1816	P	0.8
6	☐	1250.000	1245.865	1524868.90	0.3685	P	0.7
7	☐	2500.000	2488.659	3013345.73	0.7361	P	0.6
8	☐	5000.000	5008.296	5924639.02	1.4814	A	1.6
9	☐			3158.81	0.0008	P	6.5

$$y = 2.9578E-004 * x + 1.6921E-005$$

$$R = 1.0000$$

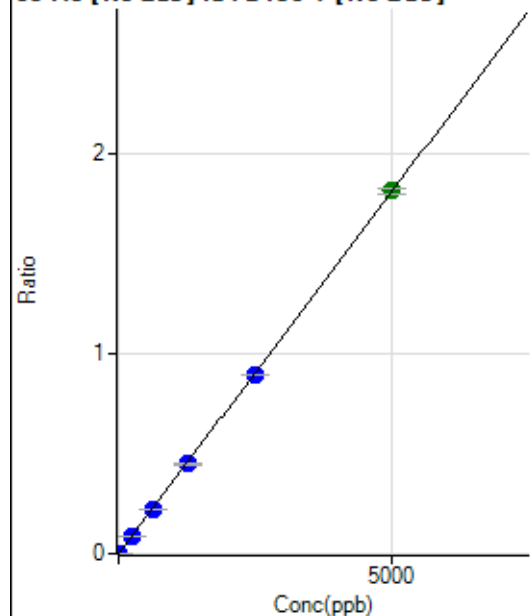
$$DL = 0.08225$$

$$BEC = 0.05721$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	99.8
2	☐	0.500					
3	☐	5.000	4.319	6649.02	0.0016	P	4.0
4	☐	250.000	244.048	372005.34	0.0882	P	0.4
5	☐	625.000	608.762	931862.11	0.2199	P	0.0
6	☐	1250.000	1238.111	1850860.48	0.4473	P	0.8
7	☐	2500.000	2476.529	3662600.13	0.8947	P	0.5
8	☐	5000.000	5017.036	7249396.52	1.8126	A	1.3
9	☐			4876.04	0.0013	P	5.6

$$y = 3.6128E-004 * x + 5.8448E-006$$

$$R = 1.0000$$

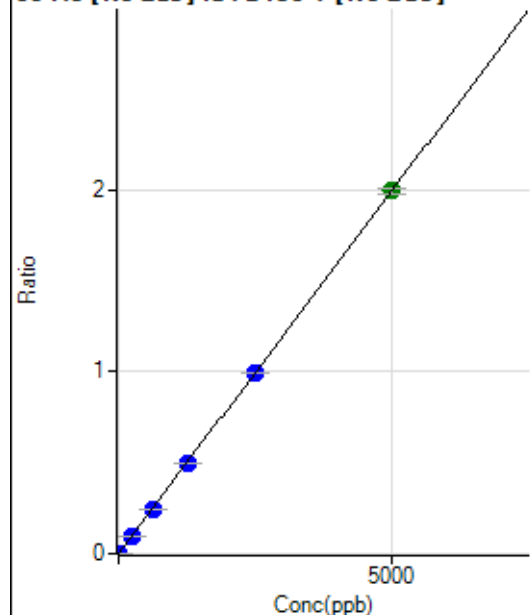
$$DL = 0.04845$$

$$BEC = 0.01618$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	20.3
2	☐	0.500					
3	☐	5.000	4.445	7582.89	0.0018	P	2.4
4	☐	250.000	245.122	412055.39	0.0977	P	0.5
5	☐	625.000	607.979	1026266.17	0.2422	P	0.3
6	☐	1250.000	1243.386	2049665.37	0.4954	P	0.9
7	☐	2500.000	2492.709	4065242.19	0.9931	P	0.2
8	☐	5000.000	5007.671	7978954.43	1.9950	A	1.4
9	☐			5356.80	0.0014	P	5.3

$$y = 3.9839\text{E-}004 * x + 1.4990\text{E-}005$$

$$R = 1.0000$$

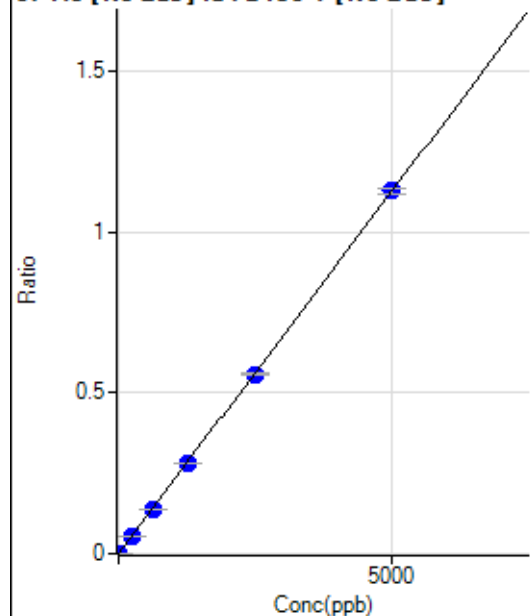
$$DL = 0.02295$$

$$BEC = 0.03763$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	65.8
2	☐	0.500					
3	☐	5.000	4.418	4236.96	0.0010	P	3.1
4	☐	250.000	247.633	234865.11	0.0557	P	0.2
5	☐	625.000	607.903	578969.33	0.1367	P	0.7
6	☐	1250.000	1241.694	1154958.49	0.2791	P	0.4
7	☐	2500.000	2483.248	2285070.04	0.5582	P	0.4
8	☐	5000.000	5012.709	4506630.70	1.1268	P	1.4
9	☐			2992.12	0.0008	P	8.2

$$y = 2.2479\text{E-}004 * x + 4.5678\text{E-}006$$

$$R = 1.0000$$

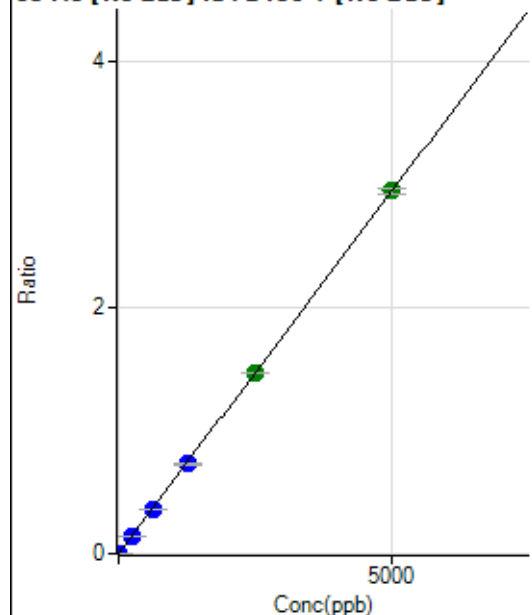
$$DL = 0.04012$$

$$BEC = 0.02032$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	37.4
2	☐	0.500					
3	☐	5.000	4.405	11051.98	0.0026	P	1.9
4	☐	250.000	244.404	606196.72	0.1437	P	0.1
5	☐	625.000	607.138	1512176.06	0.3569	P	0.6
6	☐	1250.000	1240.293	3016843.34	0.7291	P	0.9
7	☐	2500.000	2489.218	5990106.69	1.4633	A	0.1
8	☐	5000.000	5010.331	11779594.10	2.9453	A	1.5
9	☐			7780.30	0.0020	P	7.7

$$y = 5.8784\text{E-}004 * x + 1.3667\text{E-}005$$

$$R = 1.0000$$

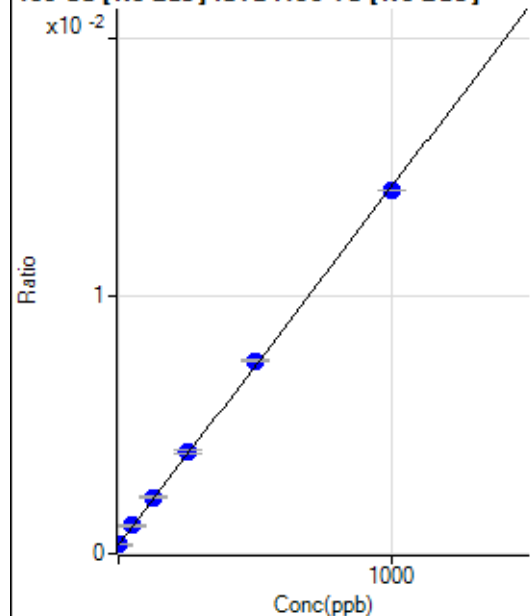
$$DL = 0.02606$$

$$BEC = 0.02325$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2186.38	0.0003	P	8.5
2	☐	0.100					
3	☐	1.000	2.832	2400.32	0.0004	P	6.4
4	☐	50.000	54.518	6988.14	0.0011	P	4.4
5	☐	125.000	131.926	13990.79	0.0022	P	3.1
6	☐	250.000	260.758	25020.10	0.0040	P	3.0
7	☐	500.000	514.686	47405.56	0.0075	P	0.9
8	☐	1000.000	988.874	88620.63	0.0141	P	0.2
9	☐			2011.35	0.0003	P	9.1

$$y = 1.3896\text{E-}005 * x + 3.3840\text{E-}004$$

$$R = 0.9998$$

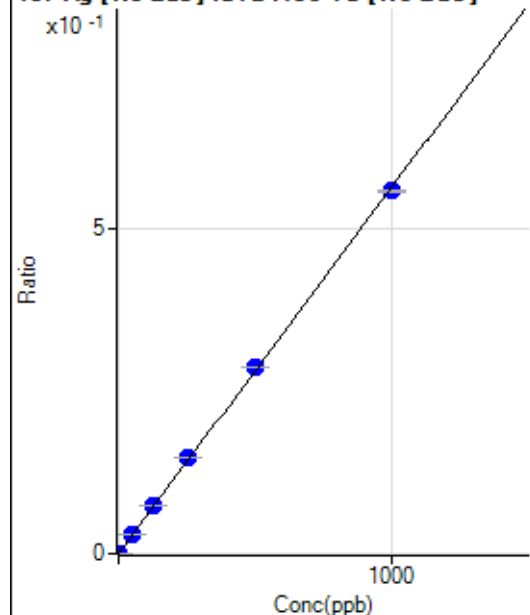
$$DL = 6.223$$

$$BEC = 24.35$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	21.3
2	☐	0.100					
3	☐	1.000	0.966	3525.60	0.0006	P	2.0
4	☐	50.000	53.489	192131.77	0.0301	P	0.4
5	☐	125.000	131.202	476105.13	0.0739	P	0.2
6	☐	250.000	262.458	933532.94	0.1478	P	0.8
7	☐	500.000	509.748	1816769.31	0.2871	P	0.3
8	☐	1000.000	991.062	3512749.12	0.5581	P	0.4
9	☐			452.81	0.0001	P	7.8

$$y = 5.6312\text{E-}004 * x + 1.0313\text{E-}005$$

$$R = 0.9998$$

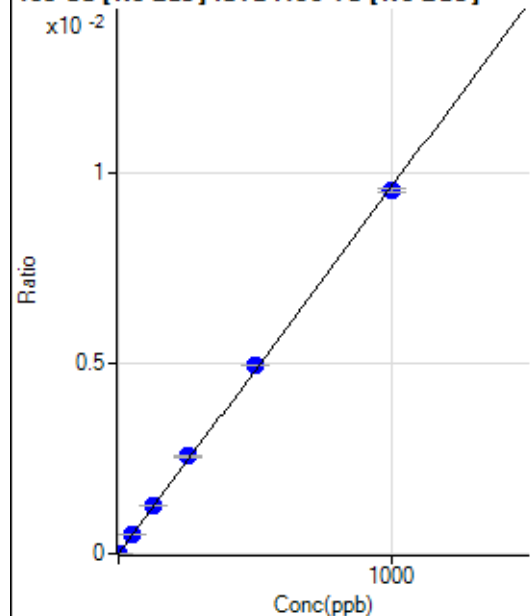
$$DL = 0.01172$$

$$BEC = 0.01831$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	49.7
2	☐	0.100					
3	☐	1.000	0.909	63.89	0.0000	P	36.4
4	☐	50.000	51.615	3171.26	0.0005	P	2.7
5	☐	125.000	130.488	8088.55	0.0013	P	1.1
6	☐	250.000	265.516	16123.32	0.0026	P	2.9
7	☐	500.000	512.940	31208.11	0.0049	P	0.3
8	☐	1000.000	988.884	59828.53	0.0095	P	0.9
9	☐			27.78	0.0000	P	8.8

$$y = 9.6108\text{E-}006 * x + 1.2889\text{E-}006$$

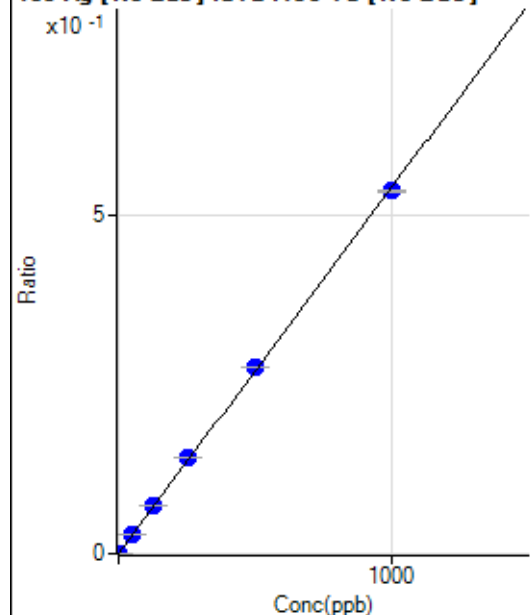
$$R = 0.9997$$

$$DL = 0.1999$$

$$BEC = 0.1341$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.8
2	☐	0.100					
3	☐	1.000	1.023	3525.58	0.0006	P	3.0
4	☐	50.000	53.775	185215.19	0.0290	P	0.8
5	☐	125.000	129.555	450872.71	0.0700	P	0.3
6	☐	250.000	261.334	891505.43	0.1412	P	0.9
7	☐	500.000	510.029	1743468.79	0.2755	P	0.3
8	☐	1000.000	991.394	3370340.40	0.5355	P	0.4
9	☐			386.13	0.0001	P	9.0

$$y = 5.4012\text{E-}004 * x + 1.7215\text{E-}006$$

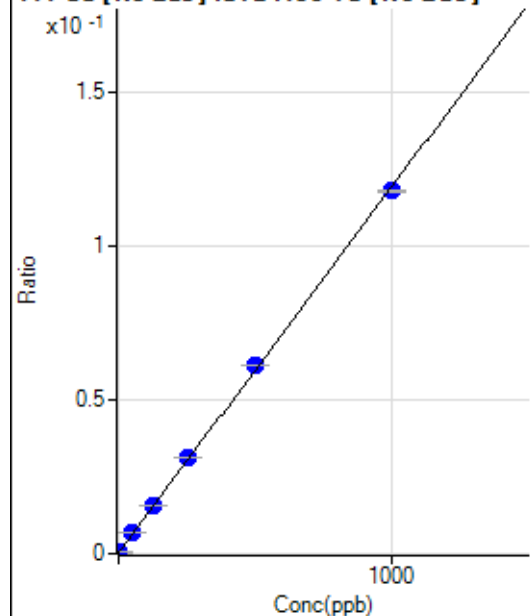
$$R = 0.9999$$

$$DL = 0.004186$$

$$BEC = 0.003187$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1532.96	0.0002	P	8.4
2	☐	0.100					
3	☐	1.000	1.107	2343.87	0.0004	P	6.2
4	☐	50.000	53.719	42256.62	0.0066	P	0.7
5	☐	125.000	130.468	101515.29	0.0158	P	0.8
6	☐	250.000	261.418	197889.39	0.0313	P	0.7
7	☐	500.000	512.657	387424.64	0.0612	P	0.4
8	☐	1000.000	989.947	742620.43	0.1180	P	0.6
9	☐			1503.78	0.0003	P	7.2

$$y = 1.1895\text{E-}004 * x + 2.3726\text{E-}004$$

$$R = 0.9998$$

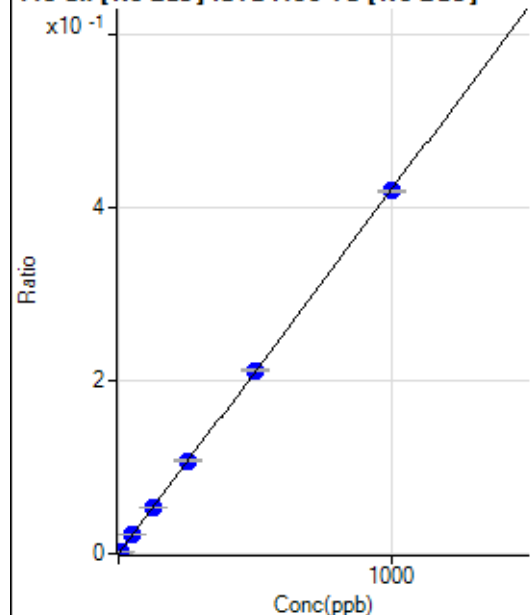
$$DL = 0.505$$

$$BEC = 1.995$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	538.93	0.0001	P	23.6
2	☐	0.500					
3	☐	5.000	4.688	13076.05	0.0021	P	1.7
4	☐	50.000	51.314	138259.34	0.0217	P	0.2
5	☐	125.000	125.939	342077.48	0.0531	P	1.0
6	☐	250.000	255.846	680706.75	0.1078	P	0.3
7	☐	500.000	503.954	1343015.57	0.2122	P	0.5
8	☐	1000.000	996.380	2640284.72	0.4195	P	0.3
9	☐			3545.05	0.0006	P	5.2

$$y = 4.2092\text{E-}004 * x + 8.3359\text{E-}005$$

$$R = 1.0000$$

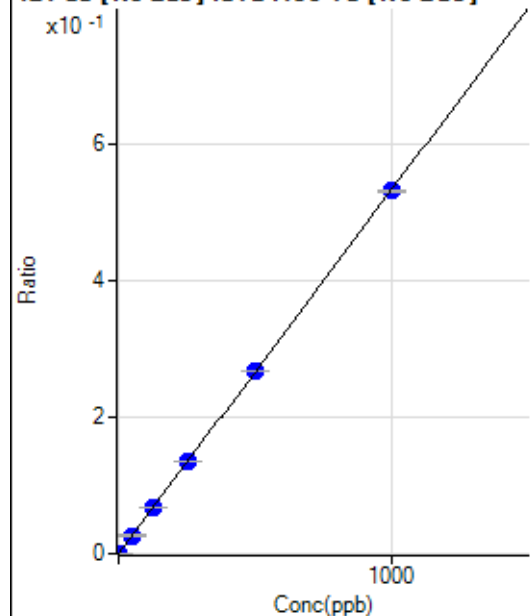
$$DL = 0.1401$$

$$BEC = 0.198$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	33.0
2	☐	0.200					
3	☐	2.000	1.805	6176.65	0.0010	P	4.4
4	☐	50.000	50.114	170269.16	0.0267	P	1.2
5	☐	125.000	125.863	432009.49	0.0671	P	0.5
6	☐	250.000	254.637	856695.32	0.1356	P	0.7
7	☐	500.000	502.754	1694812.61	0.2678	P	0.8
8	☐	1000.000	997.351	3343643.87	0.5312	P	0.7
9	☐			8728.08	0.0015	P	5.8

$$y = 5.3264\text{E-}004 * x + 1.0317\text{E-}005$$

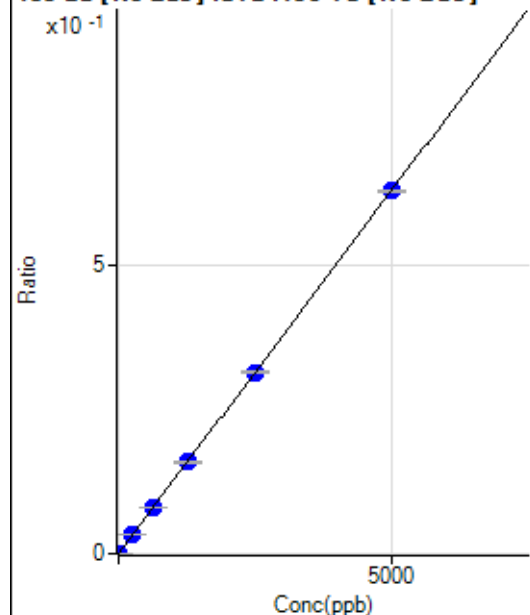
$$R = 1.0000$$

$$DL = 0.01919$$

$$BEC = 0.01937$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	0.4
2	☐	1.000					
3	☐	10.000	8.951	7166.05	0.0011	P	4.3
4	☐	250.000	253.934	203451.61	0.0319	P	0.8
5	☐	625.000	626.213	506936.31	0.0787	P	0.6
6	☐	1250.000	1261.218	1000819.83	0.1585	P	0.9
7	☐	2500.000	2501.567	1989154.93	0.3143	P	0.5
8	☐	5000.000	4996.066	3950882.43	0.6277	P	0.3
9	☐			1380.69	0.0002	P	4.6

$$y = 1.2564\text{E-}004 * x + 2.5802\text{E-}006$$

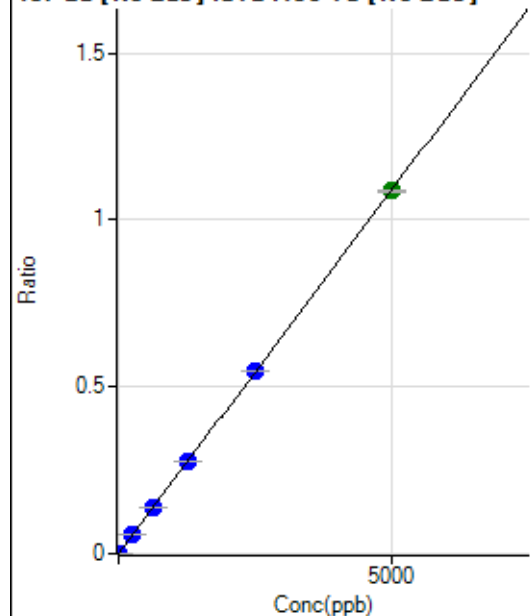
$$R = 1.0000$$

$$DL = 0.0002732$$

$$BEC = 0.02054$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.7
2	☐	1.000					
3	☐	10.000	9.330	12939.97	0.0020	P	0.8
4	☐	250.000	252.329	350536.42	0.0550	P	0.3
5	☐	625.000	625.704	878272.52	0.1363	P	0.3
6	☐	1250.000	1266.635	1742771.36	0.2759	P	1.0
7	☐	2500.000	2509.999	3460690.51	0.5468	P	0.5
8	☐	5000.000	4990.638	6842936.87	1.0872	A	0.6
9	☐			2458.66	0.0004	P	8.9

$$y = 2.1785\text{E-}004 * x + 3.0132\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02063$$

$$BEC = 0.01383$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			0.00		P	
4	☐			26.67		P	25.0
5	☐			37.78		P	36.7
6	☐			77.78		P	26.2
7	☐			211.12		P	15.9
8	☐			368.91		P	8.1
9	☐			37.78		P	53.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			4.44		P	43.4
5	☐			6.67		P	0.0
6	☐			6.67		P	100.
7	☐			12.22		P	31.5
8	☐			31.11		P	44.6
9	☐			10.00		P	57.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	56.8
2	☐						
3	☐			5.55		P	86.6
4	☐			30.56		P	41.7
5	☐			16.66		P	86.6
6	☐			27.78		P	62.5
7	☐			52.78		P	24.1
8	☐			105.56		P	27.7
9	☐			36.11		P	35.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			3.33		P	0.0
5	☐			8.89		P	21.6
6	☐			2.22		P	173.
7	☐			12.22		P	56.8
8	☐			23.33		P	14.3
9	☐			12.22		P	41.7

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

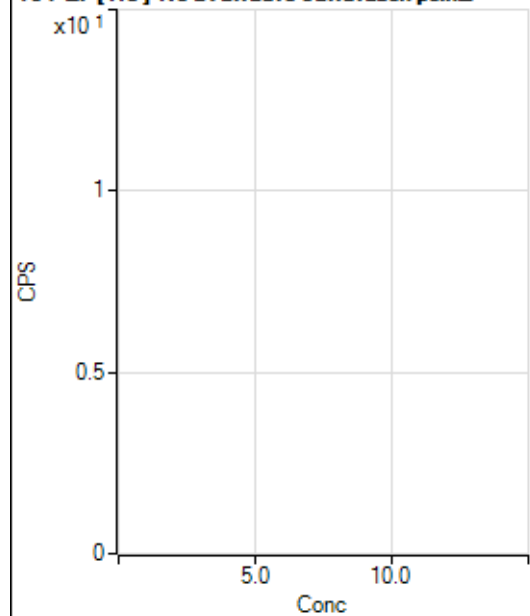
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐						
3	☐			22.22		P	57.3
4	☐			16.67		P	50.0
5	☐			41.67		P	60.0
6	☐			22.22		P	57.3
7	☐			33.34		P	66.1
8	☐			36.11		P	58.1
9	☐			38.89		P	44.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	49.5
2	☐						
3	☐			12.22		P	83.3
4	☐			18.89		P	36.7
5	☐			13.33		P	25.0
6	☐			33.33		P	10.0
7	☐			21.11		P	36.5
8	☐			17.78		P	39.0
9	☐			24.45		P	43.8

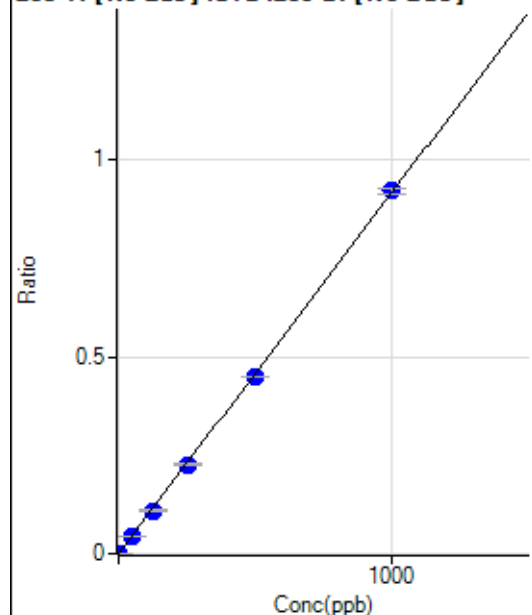
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			33.33		P	25.0
4	☐			13.89		P	34.7
5	☐			13.89		P	91.6
6	☐			22.22		P	21.6
7	☐			27.78		P	34.6
8	☐			38.89		P	65.5
9	☐			22.22		P	21.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			14.44		P	13.4
4	☐			8.89		P	57.3
5	☐			4.44		P	43.4
6	☐			7.78		P	65.5
7	☐			10.00		P	33.3
8	☐			15.56		P	53.9
9	☐			12.22		P	15.7

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.5
2	☐	0.100					
3	☐	1.000	0.890	4020.24	0.0008	P	1.6
4	☐	50.000	48.522	217054.01	0.0444	P	0.9
5	☐	125.000	119.736	536093.11	0.1096	P	0.8
6	☐	250.000	246.287	1066774.16	0.2254	P	1.6
7	☐	500.000	490.954	2104547.64	0.4493	P	0.4
8	☐	1000.000	1006.183	4214488.77	0.9208	P	1.6
9	☐			1255.68	0.0003	P	15.5

$$y = 9.1511\text{E-}004 * x + 5.0428\text{E-}006$$

$$R = 0.9999$$

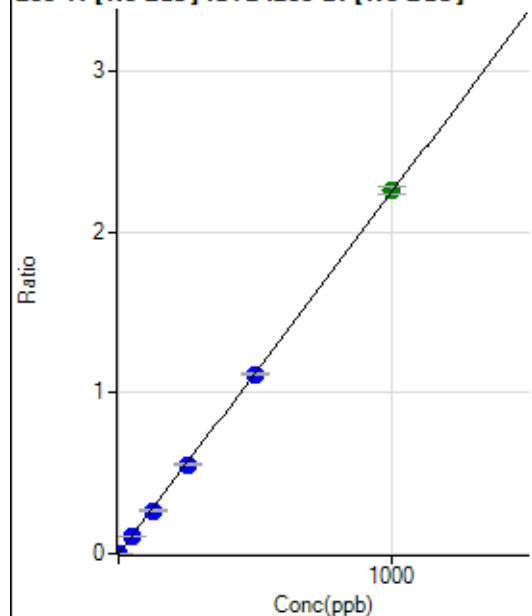
$$DL = 0.005536$$

$$BEC = 0.005511$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	21.0
2	☐	0.100					
3	☐	1.000	0.901	10037.49	0.0020	P	4.4
4	☐	50.000	47.971	526856.50	0.1078	P	0.7
5	☐	125.000	119.636	1315057.42	0.2688	P	0.2
6	☐	250.000	245.816	2613876.16	0.5522	P	1.5
7	☐	500.000	495.943	5218888.44	1.1142	P	0.8
8	☐	1000.000	1003.846	10321537.21	2.2552	A	2.0
9	☐			3420.04	0.0008	P	7.8

$$y = 0.0022 * x + 2.3504\text{E-}005$$

$$R = 1.0000$$

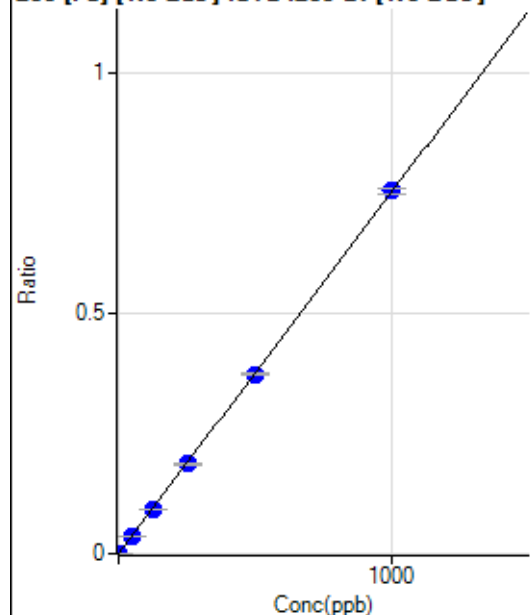
$$DL = 0.006593$$

$$BEC = 0.01046$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.15	0.0000	P	14.6
2	☐	0.100					
3	☐	1.000	0.877	3383.87	0.0007	P	3.9
4	☐	50.000	48.304	177994.74	0.0364	P	0.6
5	☐	125.000	121.145	446628.00	0.0913	P	0.1
6	☐	250.000	247.352	882074.62	0.1864	P	1.3
7	☐	500.000	495.237	1747539.16	0.3731	P	0.9
8	☐	1000.000	1003.610	3460435.17	0.7560	P	1.6
9	☐			4730.60	0.0012	P	0.9

$$y = 7.5327\text{E-}004 * x + 2.9874\text{E-}005$$

$$R = 1.0000$$

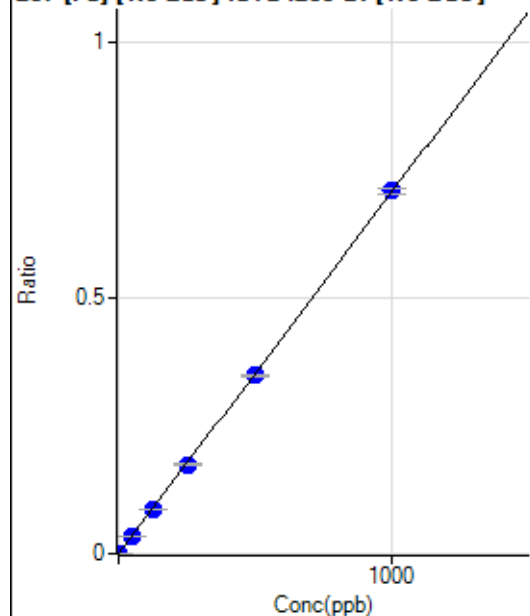
$$DL = 0.01733$$

$$BEC = 0.03966$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	7.5
2	☐	0.100					
3	☐	1.000	0.920	3319.03	0.0007	P	3.7
4	☐	50.000	48.802	168216.51	0.0344	P	0.9
5	☐	125.000	121.260	418177.29	0.0855	P	0.4
6	☐	250.000	247.370	825141.73	0.1743	P	1.6
7	☐	500.000	492.675	1626196.97	0.3472	P	1.3
8	☐	1000.000	1004.848	3240936.30	0.7081	P	1.7
9	☐			4345.27	0.0011	P	3.1

$$y = 7.0463\text{E-}004 * x + 2.9115\text{E-}005$$

$$R = 1.0000$$

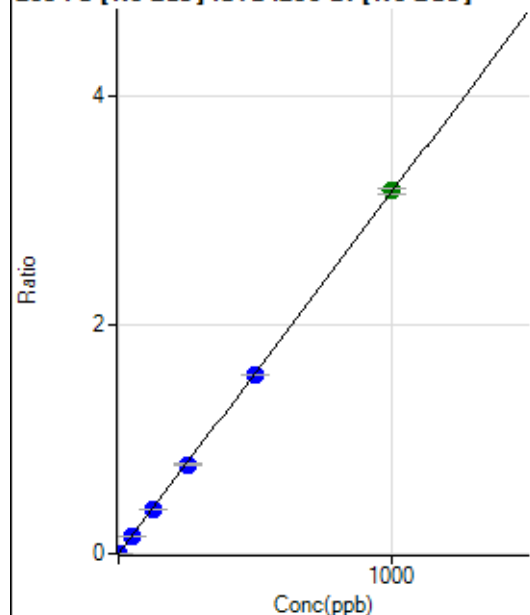
$$DL = 0.009322$$

$$BEC = 0.04132$$

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	618.54	0.0001	P	12.5
2	☐	0.100					
3	☐	1.000	0.897	14527.63	0.0030	P	2.5
4	☐	50.000	48.477	750432.82	0.1535	P	0.6
5	☐	125.000	120.751	1870156.79	0.3822	P	0.5
6	☐	250.000	246.707	3695868.97	0.7808	P	1.4
7	☐	500.000	495.018	7338249.82	1.5666	P	0.9
8	☐	1000.000	1003.921	14541347.28	3.1771	A	1.9
9	☐			19502.45	0.0048	P	0.2

$$y = 0.0032 * x + 1.2465E-004$$

$$R = 1.0000$$

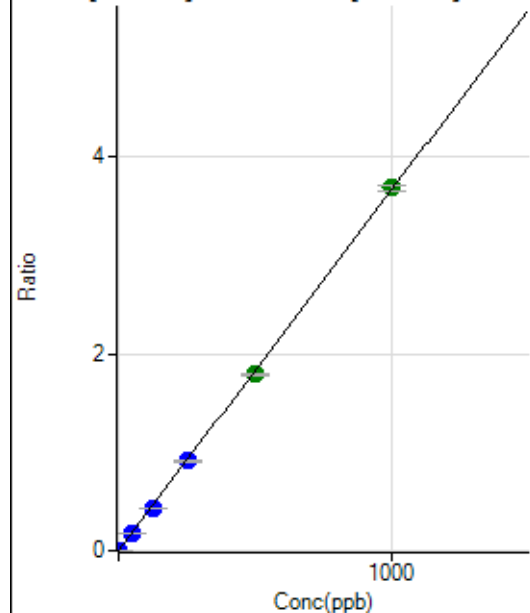
$$DL = 0.01474$$

$$BEC = 0.03939$$

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	47.23	0.0000	P	20.8
2	☐	0.100					
3	☐	1.000	0.833	14978.72	0.0031	P	2.0
4	☐	50.000	47.368	846782.53	0.1732	P	0.7
5	☐	125.000	118.922	2127906.69	0.4349	P	0.6
6	☐	250.000	248.152	4295759.04	0.9076	P	1.1
7	☐	500.000	489.548	8386267.37	1.7904	A	1.1
8	☐	1000.000	1006.580	16848998.30	3.6813	A	1.9
9	☐			1500.17	0.0004	P	10.6

$$y = 0.0037 * x + 9.5246E-006$$

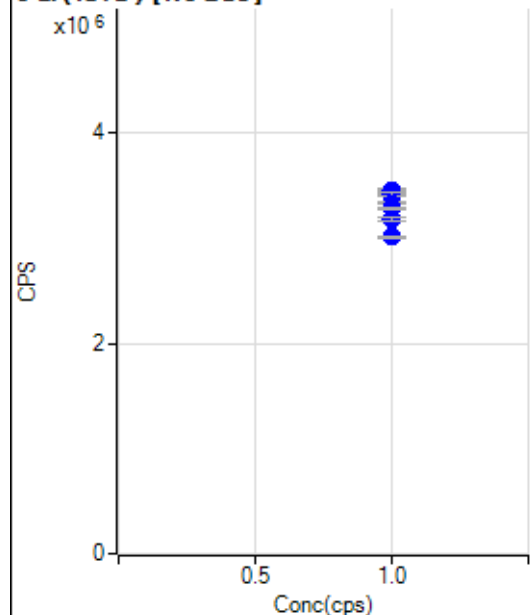
$$R = 0.9999$$

$$DL = 0.001624$$

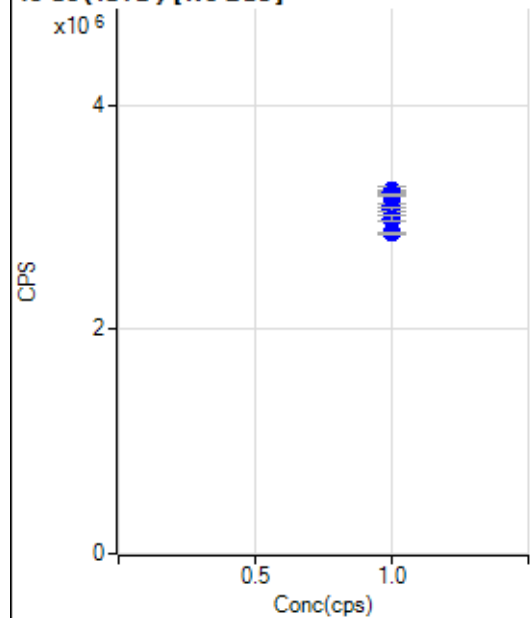
$$BEC = 0.002604$$

Weight: <None>

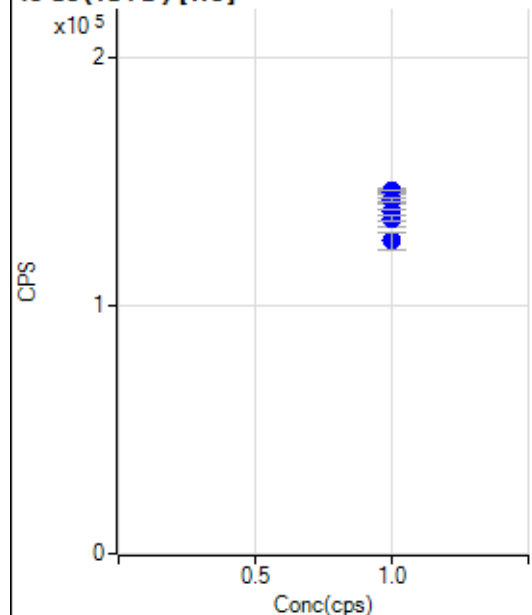
Min Conc: 0

6 Li (ISTD) [No Gas]

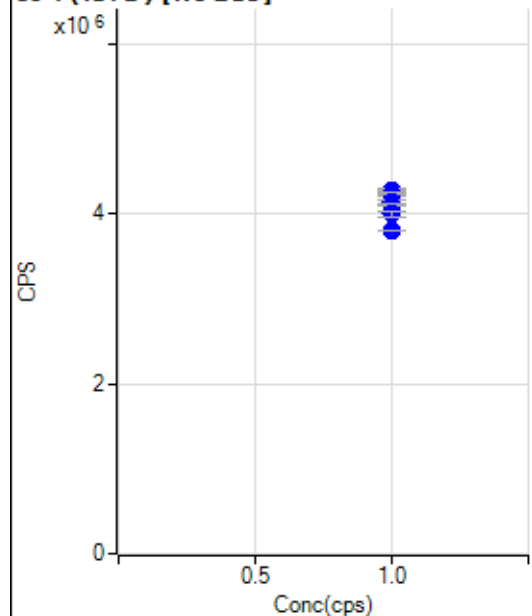
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3446290.92		P	0.3
2	☐	1.000					
3	☐	1.000		3449546.31		P	1.6
4	☐	1.000		3430485.37		P	0.5
5	☐	1.000		3416490.65		P	0.9
6	☐	1.000		3329771.17		P	0.5
7	☐	1.000		3282980.30		P	0.6
8	☐	1.000		3189248.11		P	1.1
9	☐	1.000		3011219.75		P	0.4

45 Sc (ISTD) [No Gas]

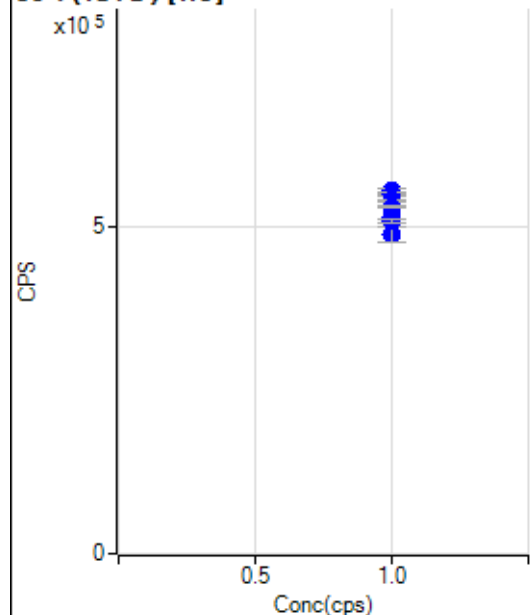
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3235166.28		P	0.4
2	☐	1.000					
3	☐	1.000		3229633.06		P	2.3
4	☐	1.000		3210604.17		P	0.1
5	☐	1.000		3197994.49		P	0.9
6	☐	1.000		3106579.02		P	0.9
7	☐	1.000		3068040.87		P	1.3
8	☐	1.000		2987167.73		P	1.6
9	☐	1.000		2859647.81		P	0.7

45 Sc (ISTD) [He]

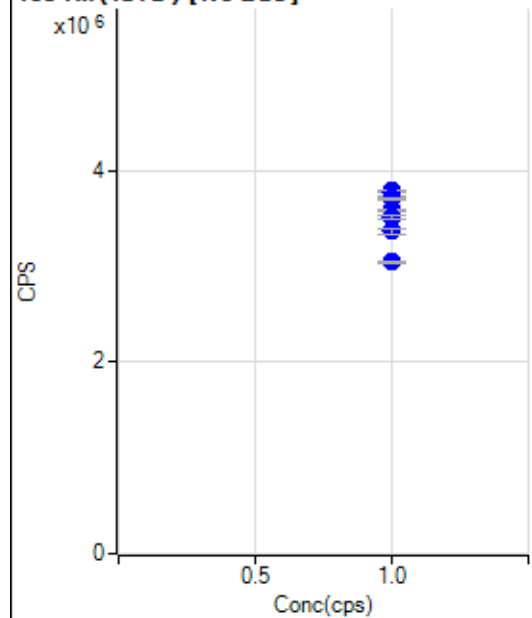
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		146219.99		P	1.5
2	☐	1.000					
3	☐	1.000		145573.24		P	0.3
4	☐	1.000		145924.41		P	1.0
5	☐	1.000		136294.01		P	6.8
6	☐	1.000		142801.41		P	0.9
7	☐	1.000		137678.64		P	1.3
8	☐	1.000		126180.41		P	5.7
9	☐	1.000		135044.47		P	1.7

89 Y (ISTD) [No Gas]

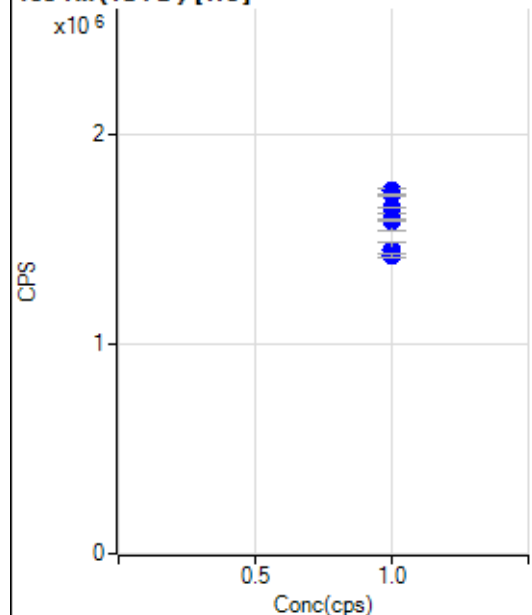
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4264666.39		P	0.4
2	☐	1.000					
3	☐	1.000		4245993.90		P	1.8
4	☐	1.000		4218921.47		P	0.2
5	☐	1.000		4236892.40		P	0.7
6	☐	1.000		4137920.77		P	0.9
7	☐	1.000		4093609.94		P	0.6
8	☐	1.000		4000113.20		P	1.7
9	☐	1.000		3796084.49		P	0.3

89 Y (ISTD) [He]

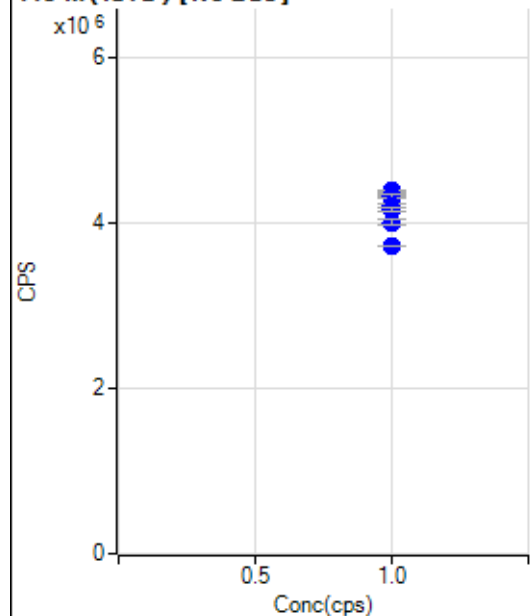
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		554418.66		P	1.4
2	☐	1.000					
3	☐	1.000		549564.37		P	0.2
4	☐	1.000		550669.21		P	1.2
5	☐	1.000		514881.24		P	5.5
6	☐	1.000		540510.13		P	0.5
7	☐	1.000		529561.31		P	0.7
8	☐	1.000		487467.67		P	5.2
9	☐	1.000		508536.30		P	1.6

103 Rh (ISTD) [No Gas]

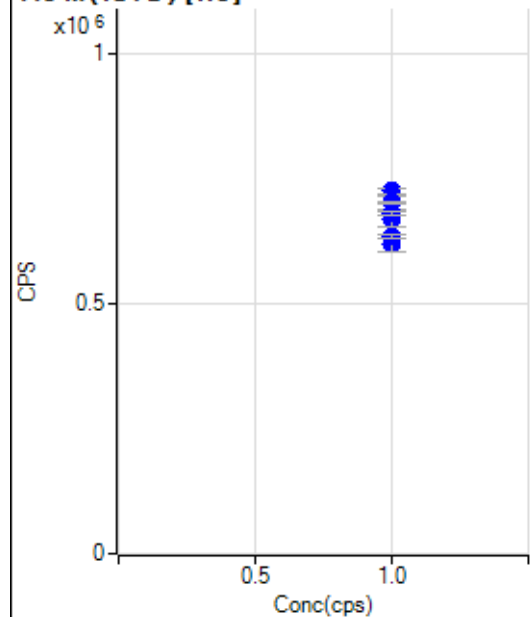
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3788963.24		P	0.4
2	☐	1.000					
3	☐	1.000		3766292.10		P	1.8
4	☐	1.000		3721486.67		P	0.6
5	☐	1.000		3706081.77		P	0.7
6	☐	1.000		3591038.62		P	0.5
7	☐	1.000		3518057.59		P	1.1
8	☐	1.000		3365343.76		P	1.3
9	☐	1.000		3043522.25		P	0.3

103 Rh (ISTD) [He]

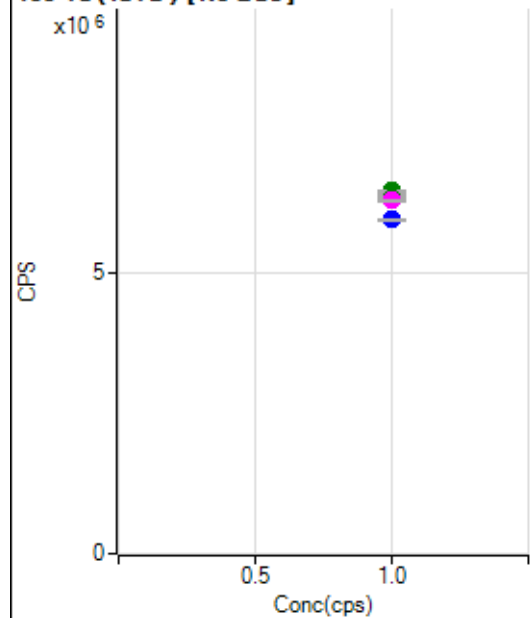
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1732309.38		P	1.3
2	☐	1.000					
3	☐	1.000		1712702.30		P	0.2
4	☐	1.000		1712570.81		P	0.5
5	☐	1.000		1586153.43		P	5.4
6	☐	1.000		1652542.41		P	0.4
7	☐	1.000		1593549.94		P	0.8
8	☐	1.000		1450551.73		P	4.6
9	☐	1.000		1424935.17		P	1.5

115 In (ISTD) [No Gas]

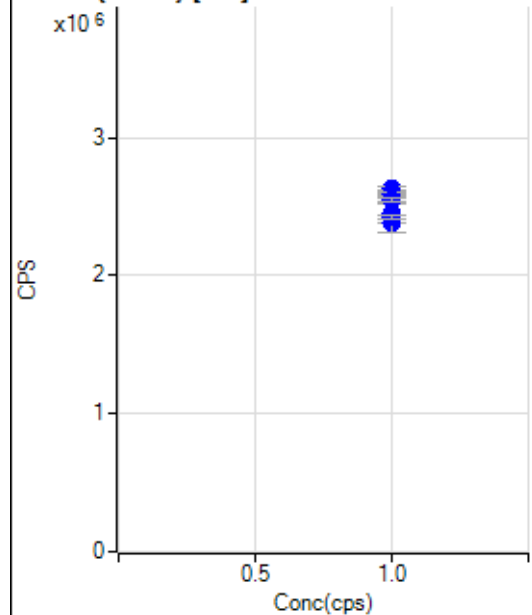
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4382782.28		P	0.3
2	☐	1.000					
3	☐	1.000		4334979.55		P	2.1
4	☐	1.000		4319186.27		P	0.2
5	☐	1.000		4323264.06		P	0.7
6	☐	1.000		4205335.49		P	0.8
7	☐	1.000		4153855.77		P	0.8
8	☐	1.000		4006738.17		P	1.7
9	☐	1.000		3717055.31		P	0.3

115 In (ISTD) [He]

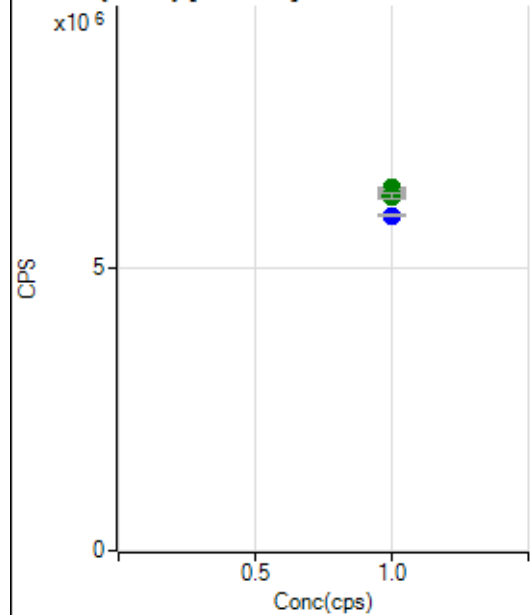
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		724859.89		P	1.2
2	☐	1.000					
3	☐	1.000		717711.90		P	0.3
4	☐	1.000		716354.75		P	0.7
5	☐	1.000		669812.54		P	5.5
6	☐	1.000		702191.49		P	0.5
7	☐	1.000		680406.37		P	0.9
8	☐	1.000		619316.47		P	5.5
9	☐	1.000		634477.42		P	1.2

159 Tb (ISTD) [No Gas]

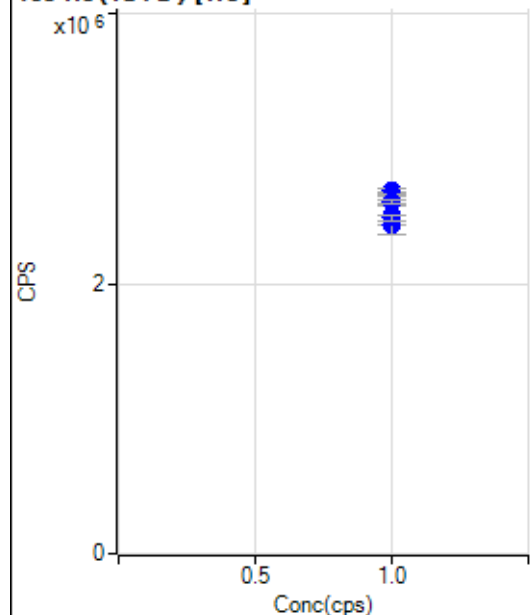
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6460818.44		A	0.4
2	☐	1.000					
3	☐	1.000		6357675.67		A	1.6
4	☐	1.000		6376512.34		A	0.3
5	☐	1.000		6443163.52		A	0.5
6	☐	1.000		6316155.88		A	0.9
7	☐	1.000		6328934.35		A	0.7
8	☐	1.000		6294199.77		M	0.7
9	☐	1.000		5943445.12		P	0.3

159 Tb (ISTD) [He]

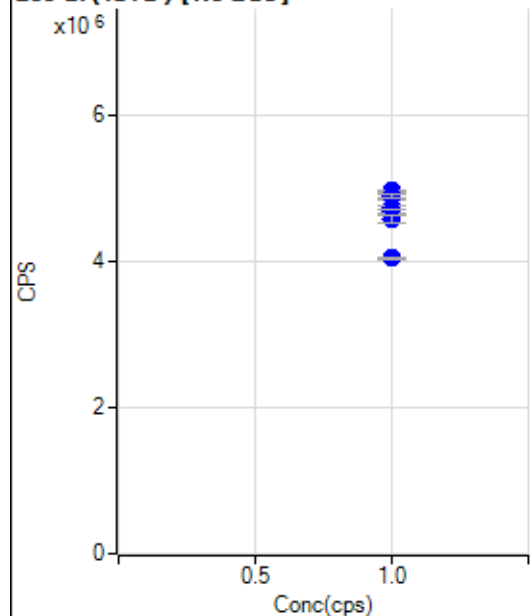
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2626507.34		P	1.8
2	☐	1.000					
3	☐	1.000		2588292.37		P	0.3
4	☐	1.000		2603801.97		P	1.2
5	☐	1.000		2454374.81		P	5.7
6	☐	1.000		2591854.20		P	0.7
7	☐	1.000		2549368.45		P	1.1
8	☐	1.000		2378022.93		P	5.3
9	☐	1.000		2426584.82		P	1.1

165 Ho (ISTD) [No Gas]

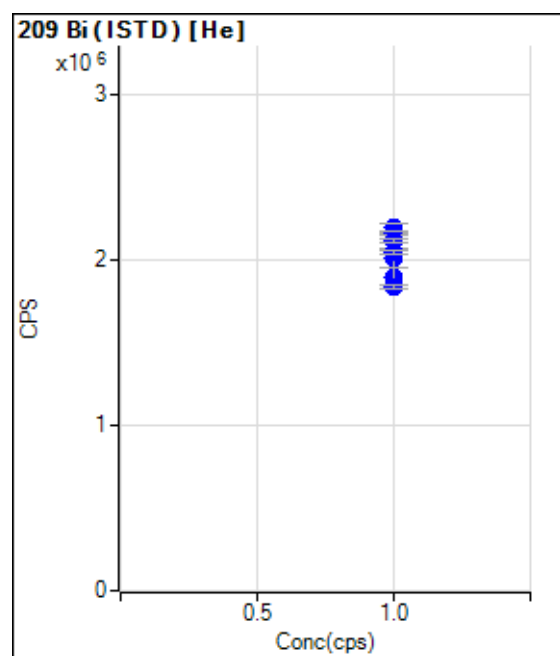
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6406889.16		A	0.3
2	☐	1.000					
3	☐	1.000		6338489.94		M	0.6
4	☐	1.000		6348497.28		A	0.4
5	☐	1.000		6381409.95		A	0.5
6	☐	1.000		6285352.61		A	0.5
7	☐	1.000		6284451.40		A	1.1
8	☐	1.000		6257470.36		A	1.7
9	☐	1.000		5923196.75		P	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2685955.57		P	1.8
2	☐	1.000					
3	☐	1.000		2646185.19		P	0.1
4	☐	1.000		2660281.96		P	1.1
5	☐	1.000		2502434.41		P	5.5
6	☐	1.000		2650411.85		P	0.6
7	☐	1.000		2604121.14		P	1.1
8	☐	1.000		2439772.71		P	6.0
9	☐	1.000		2485894.06		P	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4960910.48		P	0.4
2	☐	1.000					
3	☐	1.000		4903453.40		P	2.1
4	☐	1.000		4887898.02		P	0.7
5	☐	1.000		4892617.67		P	0.8
6	☐	1.000		4733720.80		P	1.3
7	☐	1.000		4684427.29		P	1.2
8	☐	1.000		4578225.97		P	2.3
9	☐	1.000		4045994.32		P	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2191033.06		P	2.4
2	☐	1.000					
3	☐	1.000		2148706.41		P	0.3
4	☐	1.000		2159831.79		P	1.0
5	☐	1.000		2010382.76		P	6.2
6	☐	1.000		2112998.79		P	0.7
7	☐	1.000		2047009.20		P	1.0
8	☐	1.000		1898630.67		P	5.4
9	☐	1.000		1835734.75		P	1.4

US EPA Tune Check Sample Report

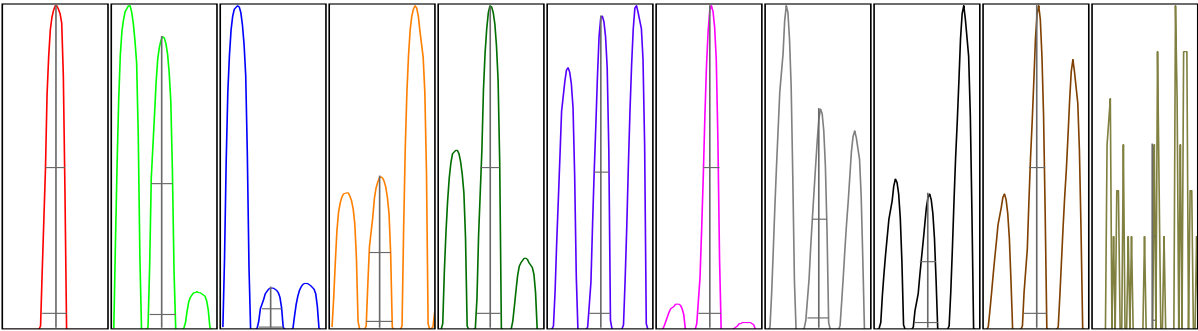
Batch Folder D:\ICP-MS Data\P7122717-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8807	3.02	5.00	
24	61070	2.18	5.00	
25	7788	1.96	5.00	
26	8732	2.52	5.00	
59	28423	3.02	5.00	
113	3452	3.55	5.00	
115	45680	3.16	5.00	
206	13997	3.54	5.00	
207	12625	3.65	5.00	
208	29922	3.82	5.00	
220	0	55.90		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8981	8931	8929	8856	8338
24	62040	61724	61588	61250	58747
25	7921	7877	7831	7778	7531
26	8940	8810	8802	8749	8359
59	29091	28668	28749	28686	26921
113	3571	3499	3477	3467	3245
115	46809	46263	46347	45802	43178
206	14382	14192	14237	14035	13137
207	12903	12828	12881	12700	11812
208	30746	30414	30342	30200	27908
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	15505	9.05	8.9 - 9.1		0.732	0.900	
24	105563	23.95	23.9 - 24.1		0.777	0.900	
25	13514	24.95	24.9 - 25.1		0.744	0.900	
26	15148	25.95	25.9 - 26.1		0.741	0.900	
59	52989	59.00	58.9 - 59.1		0.720	0.900	
113	7741	113.05	112.9 - 113.1		0.633	0.900	
115	102023	115.05	114.9 - 115.1		0.677	0.900	
206	32549	206.05	205.9 - 206.1		0.646	0.900	
207	29364	207.05	206.9 - 207.1		0.680	0.900	
208	70332	208.05	207.9 - 208.1		0.674	0.900	
220	0	220.25	-		0.095		

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
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.7	V	Deflect	12.8	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	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	150	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7813	1.08	
89	66334	1.22	
205	10112	0.80	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7767	7934	7716	7856	7790
89	65923	67262	65369	67092	66024
205	10098	10187	10027	10206	10044

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.7	V	Deflect	0.2	V
Extract 2	-115.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	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	4.1	mL/min	OctP RF	190	V			

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : S00 Instrumnet Name : P7
 Client Sample ID : S00 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 12:40:35 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.29	0.44	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.11	-0.11	0.22	0.00	N/A	ppb
Boron	11-1	-0.05	0.01	0.04	0.00	N/A	ppb
Cadmium	111-1	0.19	-0.08	-0.12	0.00	N/A	ppb
Cadmium	106-1	2.38	-0.97	-1.41	0.00	N/A	ppb
Cadmium	108-1	-0.07	0.07	0.00	0.00	N/A	ppb
Calcium	43-1	-0.21	2.99	-2.78	0.00	N/A	ppb
Calcium	44-1	10.39	-5.20	-5.20	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.07	0.03	-0.10	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.03	-0.01	0.04	0.00	N/A	ppb
Iron	57-2	-1.65	0.89	0.76	0.00	N/A	ppb
Lead	206-1	0.00	0.00	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	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.07	-2.23	2.17	0.00	N/A	ppb
Manganese	55-2	-0.04	0.01	0.03	0.00	N/A	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:40:35	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	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	-0.08	0.07	0.01	0.00	N/A	ppb
Phosphorus	31-2	26.91	10.77	-5.58	10.70	151.84	ppb
Potassium	39-2	1.72	-8.52	6.80	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.93	2.10	-0.16	0.00	N/A	ppb
Selenium	82-1	-0.22	0.13	0.08	0.00	N/A	ppb
Silicon	28-1	22.93	-27.74	4.81	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	0.76	-1.17	0.41	0.00	N/A	ppb
Strontium	86-1	0.03	0.00	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	69.86	-75.98	72.91	22.26	382.20	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.05	-0.04	0.00	N/A	ppb
Titanium	47-1	0.02	-0.03	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	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.13	0.06	0.07	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:40:35	DataFile Name :	003CALB.d

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

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 12:48:26 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.28	17.33	21.56	19.06	11.64	ppb
Antimony	121-1	1.71	1.83	1.87	1.81	4.46	ppb
Arsenic	75-2	0.97	1.11	1.01	1.03	6.75	ppb
Barium	135-1	8.52	9.23	9.11	8.95	4.27	ppb
Barium	137-1	9.30	9.27	9.42	9.33	0.84	ppb
Beryllium	9-1	0.89	0.90	1.04	0.94	8.57	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	21.49	21.06	22.34	21.63	3.00	ppb
Boron	11-1	20.60	22.12	22.64	21.79	4.86	ppb
Cadmium	111-1	1.06	0.94	1.32	1.11	17.36	ppb
Cadmium	106-1	1.18	2.66	4.65	2.83	61.49	ppb
Cadmium	108-1	0.68	1.35	0.70	0.91	41.79	ppb
Calcium	43-1	435.98	414.26	422.19	424.14	2.59	ppb
Calcium	44-1	409.42	412.38	456.34	426.05	6.17	ppb
Chromium	52-2	2.13	1.87	2.04	2.01	6.69	ppb
Cobalt	59-2	0.98	0.97	1.01	0.99	1.82	ppb
Copper	63-2	1.94	1.95	2.14	2.01	5.53	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				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	47.45	47.50	47.90	47.62	0.51	ppb
Iron	57-2	55.49	51.05	42.57	49.70	13.21	ppb
Lead	206-1	0.90	0.84	0.90	0.88	4.04	ppb
Lead	207-1	0.94	0.88	0.94	0.92	3.87	ppb
Lead	208-1	0.91	0.87	0.91	0.90	2.57	ppb
Lithium	6-1				100		%
Magnesium	24-2	472.18	467.56	469.44	469.73	0.49	ppb
Manganese	55-2	1.05	0.92	1.09	1.02	8.94	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:48:26	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.37	4.15	4.87	4.46	8.27	ppb
Molybdenum	95-1	4.50	4.15	4.30	4.32	3.97	ppb
Molybdenum	96-1	4.56	4.35	4.42	4.45	2.38	ppb
Molybdenum	97-1	4.31	4.57	4.36	4.42	3.13	ppb
Molybdenum	98-1	4.33	4.40	4.49	4.41	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.19	1.36	1.24	8.91	ppb
Phosphorus	31-2	-13.54	-27.58	9.03	-10.70		ppb
Potassium	39-2	474.20	452.72	451.88	459.60	2.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	8.69	1.73	13.91	8.11	75.34	ppb
Selenium	78-2	3.92	4.78	4.22	4.30	10.17	ppb
Selenium	82-1	3.29	4.67	4.15	4.04	17.31	ppb
Silicon	28-1	99.90	-17.69	326.79	136.33	128.44	ppb
Silver	109-1	1.00	1.06	1.01	1.02	2.98	ppb
Silver	107-1	0.99	0.96	0.95	0.97	2.01	ppb
Sodium	23-2	465.32	464.01	468.73	466.02	0.52	ppb
Strontium	86-1	1.03	0.89	1.07	1.00	9.56	ppb
Strontium	88-1	0.93	0.93	0.94	0.93	0.41	ppb
Sulfur	34-1	-63.95	-714.24	711.39	-22.26		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.87	0.90	0.90	0.89	1.61	ppb
Thallium	205-1	0.90	0.86	0.94	0.90	4.48	ppb
Tin	118-1	4.78	4.65	4.63	4.69	1.79	ppb
Titanium	47-1	4.86	4.47	4.68	4.67	4.21	ppb
Uranium	238-1	0.81	0.84	0.85	0.83	2.00	ppb
Vanadium	51-2	4.80	4.53	4.68	4.67	2.92	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2.49	1.91	1.88	2.09	16.53	ppb
Zirconium	90-1	0.83	0.83	0.86	0.84	2.25	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:48:26	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	0.91	0.86	0.91	5.13	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:52:16	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1018.11	1015.43	992.39	1008.64	1.40	ppb
Antimony	121-1	49.47	50.62	50.25	50.11	1.17	ppb
Arsenic	75-2	49.17	51.69	50.69	50.52	2.51	ppb
Barium	135-1	252.74	252.87	256.20	253.93	0.77	ppb
Barium	137-1	253.09	252.25	251.65	252.33	0.29	ppb
Beryllium	9-1	51.17	50.70	51.59	51.15	0.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	48.38	47.33	49.91	48.54	2.68	ppb
Boron	11-1	49.64	48.59	50.23	49.49	1.67	ppb
Cadmium	111-1	53.37	54.11	53.67	53.72	0.69	ppb
Cadmium	106-1	50.99	57.97	54.59	54.52	6.41	ppb
Cadmium	108-1	49.98	52.37	52.50	51.62	2.74	ppb
Calcium	43-1	4698.97	4558.88	4590.66	4616.17	1.59	ppb
Calcium	44-1	4815.74	4816.58	4795.87	4809.39	0.24	ppb
Chromium	52-2	50.20	51.21	50.45	50.62	1.04	ppb
Cobalt	59-2	52.29	52.05	51.50	51.95	0.78	ppb
Copper	63-2	103.51	104.39	103.64	103.85	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	2609.55	2615.48	2596.82	2607.28	0.37	ppb
Iron	57-2	2597.31	2643.59	2568.97	2603.29	1.45	ppb
Lead	206-1	48.01	48.61	48.29	48.30	0.62	ppb
Lead	207-1	48.36	49.22	48.82	48.80	0.89	ppb
Lead	208-1	48.24	48.82	48.37	48.48	0.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	5071.64	5077.23	5068.41	5072.43	0.09	ppb
Manganese	55-2	100.75	102.02	98.86	100.54	1.58	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:52:16	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.29	245.98	243.53	245.60	0.78	ppb
Molybdenum	95-1	244.94	244.25	242.96	244.05	0.41	ppb
Molybdenum	96-1	246.35	243.77	245.24	245.12	0.53	ppb
Molybdenum	97-1	247.59	247.06	248.25	247.63	0.24	ppb
Molybdenum	98-1	244.79	244.36	244.07	244.40	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.60	52.47	52.10	52.39	0.50	ppb
Phosphorus	31-2	805.75	1127.39	988.56	973.90	16.56	ppb
Potassium	39-2	2516.15	2492.96	2520.96	2510.02	0.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	53.44	59.71	46.40	53.18	12.52	ppb
Selenium	78-2	52.35	54.26	43.80	50.14	11.11	ppb
Selenium	82-1	50.24	50.60	50.39	50.41	0.36	ppb
Silicon	28-1	214.45	74.85	94.98	128.09	58.91	ppb
Silver	109-1	53.31	53.80	54.21	53.78	0.83	ppb
Silver	107-1	53.31	53.71	53.44	53.49	0.39	ppb
Sodium	23-2	5091.07	5124.52	5077.08	5097.56	0.48	ppb
Strontium	86-1	49.92	49.13	49.60	49.55	0.80	ppb
Strontium	88-1	49.36	49.65	49.43	49.48	0.30	ppb
Sulfur	34-1	814.65	662.67	821.64	766.32	11.72	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	48.03	48.94	48.60	48.52	0.94	ppb
Thallium	205-1	47.83	48.35	47.73	47.97	0.69	ppb
Tin	118-1	51.43	51.34	51.18	51.31	0.24	ppb
Titanium	47-1	250.07	249.85	243.98	247.97	1.39	ppb
Uranium	238-1	47.04	47.74	47.32	47.37	0.75	ppb
Vanadium	51-2	49.36	49.73	50.07	49.72	0.72	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	104.27	103.62	103.64	103.84	0.35	ppb
Zirconium	90-1	48.20	48.18	47.64	48.01	0.67	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:52:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.37	49.08	48.93	49.13	0.46	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:56:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2745.09	2485.60	2679.27	2636.65	5.12	ppb
Antimony	121-1	125.19	126.08	126.32	125.86	0.47	ppb
Arsenic	75-2	131.49	125.02	128.64	128.38	2.53	ppb
Barium	135-1	622.58	625.65	630.41	626.21	0.63	ppb
Barium	137-1	623.77	625.30	628.04	625.70	0.35	ppb
Beryllium	9-1	126.41	129.72	129.24	128.46	1.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	120.04	126.88	119.54	122.15	3.36	ppb
Boron	11-1	121.60	123.28	126.06	123.65	1.82	ppb
Cadmium	111-1	129.77	129.92	131.72	130.47	0.83	ppb
Cadmium	106-1	126.77	132.75	136.26	131.93	3.63	ppb
Cadmium	108-1	130.88	128.87	131.72	130.49	1.12	ppb
Calcium	43-1	11453.67	11568.91	11591.07	11537.89	0.64	ppb
Calcium	44-1	11966.03	12129.93	12089.19	12061.72	0.71	ppb
Chromium	52-2	129.25	119.37	130.69	126.44	4.87	ppb
Cobalt	59-2	131.68	120.41	132.46	128.18	5.26	ppb
Copper	63-2	266.87	244.76	266.04	259.22	4.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	6791.58	6139.68	6721.15	6550.80	5.46	ppb
Iron	57-2	6700.56	6135.37	6642.56	6492.83	4.79	ppb
Lead	206-1	121.31	121.00	121.13	121.15	0.13	ppb
Lead	207-1	120.71	121.70	121.37	121.26	0.41	ppb
Lead	208-1	120.09	121.04	121.12	120.75	0.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	13200.73	12016.52	13156.63	12791.29	5.25	ppb
Manganese	55-2	258.48	237.97	258.70	251.72	4.73	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:56:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	608.66	614.57	618.86	614.03	0.83	ppb
Molybdenum	95-1	608.66	608.80	608.83	608.76	0.01	ppb
Molybdenum	96-1	605.72	608.35	609.87	607.98	0.34	ppb
Molybdenum	97-1	603.19	610.07	610.44	607.90	0.67	ppb
Molybdenum	98-1	603.86	606.82	610.74	607.14	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.27	122.85	134.38	130.50	5.08	ppb
Phosphorus	31-2	2697.68	2395.71	2621.03	2571.47	6.10	ppb
Potassium	39-2	6505.55	5931.97	6483.47	6307.00	5.15	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	124.60	120.34	122.18	122.37	1.74	ppb
Selenium	78-2	137.30	117.55	134.54	129.80	8.24	ppb
Selenium	82-1	123.92	127.28	127.99	126.40	1.72	ppb
Silicon	28-1	109.02	185.70	290.56	195.09	46.71	ppb
Silver	109-1	129.18	129.65	129.84	129.56	0.26	ppb
Silver	107-1	130.93	131.56	131.11	131.20	0.25	ppb
Sodium	23-2	13300.07	12236.46	13184.58	12907.04	4.52	ppb
Strontium	86-1	122.32	122.95	124.47	123.25	0.90	ppb
Strontium	88-1	122.94	122.73	123.76	123.15	0.44	ppb
Sulfur	34-1	1683.55	2445.96	2547.60	2225.70	21.22	ppb
Terbium	159-1				100		%
Terbium	159-2				93		%
Thallium	203-1	118.72	119.84	120.65	119.74	0.81	ppb
Thallium	205-1	119.34	119.90	119.68	119.64	0.24	ppb
Tin	118-1	125.02	125.42	127.38	125.94	1.01	ppb
Titanium	47-1	608.37	618.92	615.03	614.11	0.87	ppb
Uranium	238-1	118.07	119.27	119.43	118.92	0.63	ppb
Vanadium	51-2	129.14	118.95	128.41	125.50	4.53	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	270.06	246.73	265.42	260.74	4.74	ppb
Zirconium	90-1	121.97	121.52	123.18	122.22	0.70	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:56:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.72	125.49	123.63	124.61	0.75	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:59:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4992.32	5021.04	5023.50	5012.28	0.35	ppb
Antimony	121-1	253.45	256.62	253.85	254.64	0.68	ppb
Arsenic	75-2	255.12	254.18	257.68	255.66	0.71	ppb
Barium	135-1	1252.31	1273.40	1257.94	1261.22	0.87	ppb
Barium	137-1	1259.28	1281.93	1258.69	1266.64	1.05	ppb
Beryllium	9-1	256.15	255.32	253.86	255.11	0.45	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	246.64	247.92	251.98	248.85	1.12	ppb
Boron	11-1	245.28	250.60	253.23	249.70	1.62	ppb
Cadmium	111-1	260.05	263.60	260.60	261.42	0.73	ppb
Cadmium	106-1	251.37	268.16	262.74	260.76	3.29	ppb
Cadmium	108-1	258.30	273.68	264.57	265.52	2.91	ppb
Calcium	43-1	23423.13	23872.82	23275.29	23523.75	1.32	ppb
Calcium	44-1	24610.53	24815.26	24545.51	24657.10	0.57	ppb
Chromium	52-2	248.17	251.48	250.49	250.05	0.68	ppb
Cobalt	59-2	247.89	252.06	253.18	251.04	1.11	ppb
Copper	63-2	501.44	510.49	503.49	505.14	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	12815.69	12844.53	12860.06	12840.10	0.18	ppb
Iron	57-2	12628.14	12714.54	12757.59	12700.09	0.52	ppb
Lead	206-1	247.69	250.47	243.90	247.35	1.33	ppb
Lead	207-1	245.44	251.89	244.78	247.37	1.59	ppb
Lead	208-1	244.92	250.73	244.46	246.71	1.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	25223.84	25262.16	25351.08	25279.03	0.26	ppb
Manganese	55-2	490.37	497.83	498.61	495.60	0.92	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:59:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1241.14	1255.82	1240.63	1245.87	0.69	ppb
Molybdenum	95-1	1230.98	1248.84	1234.51	1238.11	0.76	ppb
Molybdenum	96-1	1231.48	1252.91	1245.76	1243.39	0.88	ppb
Molybdenum	97-1	1235.98	1244.15	1244.96	1241.69	0.40	ppb
Molybdenum	98-1	1230.17	1253.01	1237.70	1240.29	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.63	254.03	255.28	253.65	0.73	ppb
Phosphorus	31-2	5066.14	5140.21	4903.62	5036.66	2.40	ppb
Potassium	39-2	12433.74	12492.64	12513.53	12479.97	0.33	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	264.05	244.72	236.07	248.28	5.77	ppb
Selenium	78-2	241.46	250.99	265.31	252.58	4.75	ppb
Selenium	82-1	257.85	259.65	253.77	257.09	1.17	ppb
Silicon	28-1	367.64	528.35	409.69	435.23	19.15	ppb
Silver	109-1	259.44	264.01	260.55	261.33	0.91	ppb
Silver	107-1	261.51	264.74	261.12	262.46	0.76	ppb
Sodium	23-2	25011.79	25253.20	25146.95	25137.31	0.48	ppb
Strontium	86-1	247.03	256.76	250.72	251.50	1.95	ppb
Strontium	88-1	247.10	250.11	248.76	248.66	0.61	ppb
Sulfur	34-1	4775.33	5351.23	4865.92	4997.49	6.20	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	244.71	250.65	243.50	246.29	1.55	ppb
Thallium	205-1	244.07	250.04	243.34	245.82	1.50	ppb
Tin	118-1	255.82	256.64	255.08	255.85	0.30	ppb
Titanium	47-1	1246.70	1245.23	1240.07	1244.00	0.28	ppb
Uranium	238-1	247.13	251.27	246.06	248.15	1.11	ppb
Vanadium	51-2	244.69	248.10	249.65	247.48	1.02	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	508.94	515.12	512.32	512.13	0.60	ppb
Zirconium	90-1	246.35	249.04	247.25	247.55	0.55	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:59:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.10	255.10	246.69	250.30	1.73	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:03:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10043.20	10194.11	10008.43	10081.92	0.98	ppb
Antimony	121-1	498.61	503.24	506.42	502.75	0.78	ppb
Arsenic	75-2	504.29	505.93	493.21	501.14	1.38	ppb
Barium	135-1	2500.05	2490.94	2513.72	2501.57	0.46	ppb
Barium	137-1	2515.22	2496.78	2518.00	2510.00	0.46	ppb
Beryllium	9-1	502.46	503.38	503.27	503.04	0.10	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	483.86	492.98	501.42	492.75	1.78	ppb
Boron	11-1	487.20	492.46	500.11	493.26	1.32	ppb
Cadmium	111-1	510.76	512.78	514.43	512.66	0.36	ppb
Cadmium	106-1	514.59	510.15	519.31	514.69	0.89	ppb
Cadmium	108-1	512.20	511.68	514.94	512.94	0.34	ppb
Calcium	43-1	46125.33	46215.16	46795.83	46378.77	0.78	ppb
Calcium	44-1	46371.74	46786.94	47355.89	46838.19	1.05	ppb
Chromium	52-2	500.66	508.64	496.09	501.80	1.27	ppb
Cobalt	59-2	501.65	511.18	496.64	503.16	1.47	ppb
Copper	63-2	1004.95	1024.49	1001.88	1010.44	1.21	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				98		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	25808.81	26197.53	25617.88	25874.74	1.14	ppb
Iron	57-2	25270.53	25739.43	25312.13	25440.70	1.02	ppb
Lead	206-1	492.07	493.51	500.13	495.24	0.87	ppb
Lead	207-1	489.79	488.32	499.92	492.67	1.28	ppb
Lead	208-1	491.83	492.90	500.32	495.02	0.93	ppb
Lithium	6-1				95		%
Magnesium	24-2	50883.61	51767.68	50678.37	51109.89	1.13	ppb
Manganese	55-2	995.31	1013.19	991.19	999.89	1.17	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:03:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2489.51	2473.93	2502.53	2488.66	0.58	ppb
Molybdenum	95-1	2471.19	2466.94	2491.45	2476.53	0.53	ppb
Molybdenum	96-1	2488.59	2492.34	2497.20	2492.71	0.17	ppb
Molybdenum	97-1	2492.18	2470.93	2486.63	2483.25	0.44	ppb
Molybdenum	98-1	2485.48	2490.72	2491.46	2489.22	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.13	513.04	499.57	506.91	1.35	ppb
Phosphorus	31-2	9817.71	10535.16	9992.81	10115.23	3.70	ppb
Potassium	39-2	25085.14	25614.35	25088.51	25262.67	1.21	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	522.66	500.53	495.75	506.31	2.84	ppb
Selenium	78-2	514.69	515.47	505.36	511.84	1.10	ppb
Selenium	82-1	501.11	499.89	511.83	504.28	1.30	ppb
Silicon	28-1	459.99	437.99	643.01	513.66	21.91	ppb
Silver	109-1	508.18	510.26	511.65	510.03	0.34	ppb
Silver	107-1	508.06	510.04	511.14	509.75	0.31	ppb
Sodium	23-2	50629.51	51759.57	50739.98	51043.02	1.22	ppb
Strontium	86-1	493.77	497.47	501.54	497.59	0.78	ppb
Strontium	88-1	498.33	499.82	503.45	500.53	0.53	ppb
Sulfur	34-1	9710.45	10177.00	10197.59	10028.35	2.75	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	489.37	490.03	493.46	490.95	0.45	ppb
Thallium	205-1	492.10	496.10	499.62	495.94	0.76	ppb
Tin	118-1	502.06	502.99	506.82	503.95	0.50	ppb
Titanium	47-1	2446.42	2481.38	2500.45	2476.08	1.11	ppb
Uranium	238-1	485.31	487.75	495.58	489.55	1.10	ppb
Vanadium	51-2	493.61	507.46	497.14	499.40	1.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	1011.15	1030.52	1015.81	1019.16	0.99	ppb
Zirconium	90-1	492.48	493.75	494.04	493.42	0.17	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:03:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.54	495.85	507.47	501.62	1.16	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:07:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20194.32	20258.83	19962.30	20138.48	0.77	ppb
Antimony	121-1	989.91	999.75	1002.39	997.35	0.66	ppb
Arsenic	75-2	999.78	1001.07	991.84	997.56	0.50	ppb
Barium	135-1	4981.04	5005.80	5001.35	4996.07	0.26	ppb
Barium	137-1	4965.32	4983.84	5022.75	4990.64	0.59	ppb
Beryllium	9-1	991.92	993.49	1004.74	996.71	0.70	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Boron	10-1	974.01	1007.28	1031.99	1004.43	2.90	ppb
Boron	11-1	988.22	997.73	1025.21	1003.72	1.91	ppb
Cadmium	111-1	987.24	986.00	996.60	989.95	0.59	ppb
Cadmium	106-1	990.48	987.23	988.90	988.87	0.16	ppb
Cadmium	108-1	983.41	999.67	983.57	988.88	0.94	ppb
Calcium	43-1	91583.69	92510.63	94049.23	92714.51	1.34	ppb
Calcium	44-1	92310.19	93980.91	94349.58	93546.89	1.16	ppb
Chromium	52-2	1002.26	1006.66	987.71	998.88	0.99	ppb
Cobalt	59-2	999.20	1003.78	990.01	997.66	0.70	ppb
Copper	63-2	1990.92	2004.85	1980.68	1992.15	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				91		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	51739.80	51885.58	50826.23	51483.87	1.12	ppb
Iron	57-2	50797.51	51310.58	50467.58	50858.56	0.84	ppb
Lead	206-1	991.60	997.89	1021.34	1003.61	1.56	ppb
Lead	207-1	988.58	1004.15	1021.81	1004.85	1.65	ppb
Lead	208-1	986.50	1001.43	1023.84	1003.92	1.87	ppb
Lithium	6-1				93		%
Magnesium	24-2	102121.60	102295.99	99868.77	101428.79	1.33	ppb
Manganese	55-2	2015.42	2012.30	1975.01	2000.91	1.12	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:07:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4933.91	4993.82	5097.17	5008.30	1.65	ppb
Molybdenum	95-1	4968.45	4988.47	5094.19	5017.04	1.35	ppb
Molybdenum	96-1	4941.51	4997.64	5083.86	5007.67	1.43	ppb
Molybdenum	97-1	4957.97	4991.15	5089.01	5012.71	1.36	ppb
Molybdenum	98-1	4947.39	4990.32	5093.28	5010.33	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1001.11	1007.60	975.76	994.82	1.69	ppb
Phosphorus	31-2	20001.43	19899.83	19875.52	19925.59	0.34	ppb
Potassium	39-2	50992.60	50802.79	50086.44	50627.28	0.94	ppb
Rhodium	103-1				89		%
Rhodium	103-2				84		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	1087.01	953.55	951.73	997.43	7.78	ppb
Selenium	78-2	1012.79	995.87	969.83	992.83	2.18	ppb
Selenium	82-1	983.24	988.83	1015.62	995.90	1.74	ppb
Silicon	28-1	785.29	874.74	1138.77	932.93	19.70	ppb
Silver	109-1	987.60	991.64	994.94	991.39	0.37	ppb
Silver	107-1	988.83	989.19	995.17	991.06	0.36	ppb
Sodium	23-2	102223.81	102881.87	100351.25	101818.98	1.29	ppb
Strontium	86-1	993.48	994.62	1015.11	1001.07	1.22	ppb
Strontium	88-1	987.30	999.92	1013.77	1000.33	1.32	ppb
Sulfur	34-1	19955.86	19562.98	20578.43	20032.42	2.56	ppb
Terbium	159-1				97		%
Terbium	159-2				91		%
Thallium	203-1	993.10	1001.42	1024.03	1006.18	1.59	ppb
Thallium	205-1	988.10	996.97	1026.46	1003.85	2.00	ppb
Tin	118-1	998.53	993.43	997.19	996.38	0.27	ppb
Titanium	47-1	4961.50	4993.43	5089.84	5014.92	1.33	ppb
Uranium	238-1	988.34	1004.30	1027.10	1006.58	1.94	ppb
Vanadium	51-2	1005.35	1008.73	988.57	1000.88	1.08	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%
Zinc	66-2	1987.89	2005.25	1964.42	1985.85	1.03	ppb
Zirconium	90-1	994.61	1001.63	1016.81	1004.35	1.13	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:07:25	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	991.53	992.82	1013.27	999.21	1.22	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:11:08	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102001.69	98524.46	99353.84	99960.00	1.82	ppb
Antimony	121-1	2.92	2.67	2.63	2.74	5.80	ppb
Arsenic	75-2	0.53	0.43	0.62	0.53	17.90	ppb
Barium	135-1	1.74	1.91	1.84	1.83	4.65	ppb
Barium	137-1	1.91	2.04	1.71	1.89	8.94	ppb
Beryllium	9-1	1.30	1.06	1.10	1.15	11.25	ppb
Bismuth	209-1				82		%
Bismuth	209-2				84		%
Boron	10-1	39.83	35.71	34.75	36.76	7.34	ppb
Boron	11-1	39.57	36.68	34.53	36.93	6.84	ppb
Cadmium	111-1	-0.02	0.28	0.13	0.13	116.29	ppb
Cadmium	106-1	-2.27	2.15	0.12	0.00		ppb
Cadmium	108-1	0.38	0.38	0.30	0.35	12.22	ppb
Calcium	43-1	503363.18	502326.72	500073.10	501921.00	0.34	ppb
Calcium	44-1	503463.21	501753.33	499694.11	501636.88	0.38	ppb
Chromium	52-2	8.97	8.93	8.33	8.74	4.11	ppb
Cobalt	59-2	1.08	1.14	1.15	1.12	3.07	ppb
Copper	63-2	2.48	2.32	2.46	2.42	3.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				88		%
Iron	56-2	254084.18	246464.32	248221.97	249590.15	1.60	ppb
Iron	57-2	255171.16	246249.12	247881.05	249767.11	1.90	ppb
Lead	206-1	1.51	1.50	1.53	1.51	0.89	ppb
Lead	207-1	1.52	1.50	1.43	1.48	3.19	ppb
Lead	208-1	1.48	1.48	1.49	1.48	0.18	ppb
Lithium	6-1				87		%
Magnesium	24-2	509633.93	494549.20	494560.85	499581.33	1.74	ppb
Manganese	55-2	5.40	4.96	4.77	5.04	6.43	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:11:08	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.75	2.94	2.58	2.76	6.65	ppb
Molybdenum	95-1	3.74	3.53	3.35	3.54	5.60	ppb
Molybdenum	96-1	3.71	3.34	3.46	3.50	5.32	ppb
Molybdenum	97-1	3.76	3.52	3.18	3.49	8.29	ppb
Molybdenum	98-1	3.75	3.42	3.22	3.46	7.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.18	5.71	5.40	5.76	6.81	ppb
Phosphorus	31-2	64.86	58.52	16.37	46.58	56.58	ppb
Potassium	39-2	253936.20	246949.46	248657.85	249847.83	1.46	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.29	2.77	0.26	1.44	87.85	ppb
Selenium	82-1	1.05	1.42	0.13	0.87	76.86	ppb
Silicon	28-1	820.09	735.05	636.73	730.62	12.56	ppb
Silver	109-1	0.13	0.12	0.11	0.12	9.24	ppb
Silver	107-1	0.13	0.11	0.11	0.12	8.99	ppb
Sodium	23-2	509668.87	492374.44	496498.45	499513.92	1.81	ppb
Strontium	86-1	35.77	35.42	36.12	35.77	0.97	ppb
Strontium	88-1	35.31	34.96	35.17	35.14	0.50	ppb
Sulfur	34-1	1161.80	805.02	922.38	963.07	18.88	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.39	0.33	0.28	0.33	15.74	ppb
Thallium	205-1	0.40	0.36	0.34	0.37	7.97	ppb
Tin	118-1	1.30	1.19	1.16	1.22	6.07	ppb
Titanium	47-1	1.55	1.04	1.33	1.30	19.68	ppb
Uranium	238-1	0.11	0.10	0.09	0.10	10.90	ppb
Vanadium	51-2	0.26	0.21	0.23	0.23	10.10	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%
Zinc	66-2	3.65	4.02	4.17	3.95	6.84	ppb
Zirconium	90-1	0.21	0.17	0.22	0.20	11.88	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:11:08	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.24	0.22	0.24	8.86	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:31:48	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.05	507.51	500.44	500.33	1.45	ppb
Antimony	121-1	191.20	195.52	192.01	192.91	1.19	ppb
Arsenic	75-2	193.63	205.95	197.82	199.13	3.15	ppb
Barium	135-1	97.17	98.86	96.33	97.45	1.32	ppb
Barium	137-1	96.00	98.48	96.88	97.12	1.29	ppb
Beryllium	9-1	96.90	98.06	98.12	97.70	0.70	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	560.37	578.53	572.01	570.30	1.61	ppb
Boron	11-1	568.08	578.87	576.82	574.59	1.00	ppb
Cadmium	111-1	107.38	108.16	107.92	107.82	0.37	ppb
Cadmium	106-1	219.81	217.78	209.44	215.68	2.55	ppb
Cadmium	108-1	167.91	168.62	166.24	167.59	0.73	ppb
Calcium	43-1	1958.43	1949.02	2026.58	1978.01	2.14	ppb
Calcium	44-1	2038.86	2065.44	2069.30	2057.87	0.81	ppb
Chromium	52-2	93.25	98.35	95.16	95.59	2.70	ppb
Cobalt	59-2	96.81	101.29	96.33	98.14	2.79	ppb
Copper	63-2	97.55	102.96	99.05	99.85	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				99		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	974.55	1021.81	995.69	997.35	2.37	ppb
Iron	57-2	974.74	1053.24	990.57	1006.19	4.13	ppb
Lead	206-1	191.71	198.45	193.94	194.70	1.76	ppb
Lead	207-1	185.01	189.85	184.69	186.52	1.55	ppb
Lead	208-1	187.44	193.70	189.02	190.05	1.71	ppb
Lithium	6-1				98		%
Magnesium	24-2	1115.93	1169.73	1126.73	1137.46	2.50	ppb
Manganese	55-2	95.06	98.34	94.47	95.96	2.17	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:31:48	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1173.77	1201.64	1192.41	1189.27	1.19	ppb
Molybdenum	95-1	505.92	517.65	513.46	512.35	1.16	ppb
Molybdenum	96-1	589.13	600.07	598.15	595.78	0.98	ppb
Molybdenum	97-1	506.88	517.06	520.16	514.70	1.35	ppb
Molybdenum	98-1	507.35	517.70	515.40	513.48	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.82	104.22	99.96	102.00	2.09	ppb
Phosphorus	31-2	8.05	10.15	-32.42	-4.74		ppb
Potassium	39-2	1879.83	1952.14	1879.66	1903.87	2.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	209.72	219.04	188.36	205.70	7.65	ppb
Selenium	78-2	199.98	196.01	203.66	199.88	1.91	ppb
Selenium	82-1	196.53	199.09	204.41	200.01	2.01	ppb
Silicon	28-1	605.32	819.00	808.86	744.39	16.19	ppb
Silver	109-1	100.99	102.66	100.50	101.39	1.12	ppb
Silver	107-1	101.58	103.95	101.71	102.41	1.30	ppb
Sodium	23-2	1923.79	2045.56	1958.83	1976.06	3.17	ppb
Strontium	86-1	512.46	527.61	519.75	519.94	1.46	ppb
Strontium	88-1	516.23	531.75	524.15	524.04	1.48	ppb
Sulfur	34-1	-253.77	322.22	363.86	144.10	239.55	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	191.39	198.89	192.97	194.42	2.04	ppb
Thallium	205-1	191.16	198.18	193.78	194.37	1.83	ppb
Tin	118-1	531.16	544.34	531.75	535.75	1.39	ppb
Titanium	47-1	518.15	528.11	521.18	522.48	0.98	ppb
Uranium	238-1	486.96	503.00	491.71	493.89	1.67	ppb
Vanadium	51-2	92.62	97.52	94.92	95.02	2.58	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	195.33	204.64	198.59	199.52	2.37	ppb
Zirconium	90-1	531.81	546.91	540.74	539.82	1.41	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:31:48	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	535.85	546.84	542.26	541.65	1.02	ppb

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 13:38:36 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	-0.41	-0.41	-0.47		ppb
Antimony	121-1	0.26	0.24	0.25	0.25	3.68	ppb
Arsenic	75-2	0.08	0.01	-0.01	0.03	191.83	ppb
Barium	135-1	0.02	0.01	0.11	0.05	112.92	ppb
Barium	137-1	0.07	0.03	0.02	0.04	59.42	ppb
Beryllium	9-1	0.12	0.21	0.16	0.16	25.82	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	4.79	5.55	5.63	5.32	8.71	ppb
Boron	11-1	5.65	5.73	5.40	5.59	3.11	ppb
Cadmium	111-1	0.22	0.05	-0.16	0.03	538.69	ppb
Cadmium	106-1	2.51	0.59	-1.89	0.40	545.55	ppb
Cadmium	108-1	0.00	0.14	0.07	0.07	93.66	ppb
Calcium	43-1	0.85	-0.61	2.83	1.02	168.48	ppb
Calcium	44-1	92.62	75.18	78.14	81.98	11.38	ppb
Chromium	52-2	0.05	0.02	0.04	0.04	39.30	ppb
Cobalt	59-2	0.03	0.03	0.02	0.02	25.24	ppb
Copper	63-2	0.10	0.02	0.05	0.06	63.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	2.71	3.03	3.07	2.94	6.78	ppb
Iron	57-2	0.84	4.54	4.75	3.38	65.04	ppb
Lead	206-1	0.03	0.04	0.06	0.04	30.32	ppb
Lead	207-1	0.03	0.04	0.03	0.03	17.05	ppb
Lead	208-1	0.03	0.04	0.04	0.04	14.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	-19.51	-19.42	-19.38	-19.44		ppb
Manganese	55-2	-0.01	0.05	0.03	0.02	140.08	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:38:36	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.22	0.26	0.20	35.39	ppb
Molybdenum	95-1	0.14	0.16	0.16	0.15	6.97	ppb
Molybdenum	96-1	0.10	0.13	0.13	0.12	17.15	ppb
Molybdenum	97-1	0.12	0.10	0.17	0.13	30.26	ppb
Molybdenum	98-1	0.16	0.13	0.15	0.15	9.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.03	0.02	0.05	87.90	ppb
Phosphorus	31-2	-0.52	10.20	26.22	11.97	112.44	ppb
Potassium	39-2	4.99	3.60	16.86	8.49	85.91	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.49	-0.12	-0.45	-0.35		ppb
Selenium	82-1	0.17	-0.32	-0.42	-0.19		ppb
Silicon	28-1	467.67	427.30	423.42	439.46	5.58	ppb
Silver	109-1	0.01	0.00	0.01	0.01	53.45	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	561.58	ppb
Sodium	23-2	18.35	19.18	20.40	19.31	5.33	ppb
Strontium	86-1	0.05	0.03	0.02	0.03	41.49	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	87.34	ppb
Sulfur	34-1	877.19	612.39	338.59	609.39	44.19	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.03	0.02	39.20	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.45	ppb
Tin	118-1	0.15	0.15	0.13	0.14	8.39	ppb
Titanium	47-1	-0.11	-0.14	-0.21	-0.15		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	91.74	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	-0.07	0.00	-0.12	-0.06		ppb
Zirconium	90-1	0.02	0.06	0.02	0.03	66.20	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:38:36	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.06	0.06	24.35	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:42:09	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92414.29	95546.71	93936.65	93965.88	1.67	ppb
Antimony	121-1	1.22	1.26	1.23	1.24	1.45	ppb
Arsenic	75-2	0.43	0.12	0.46	0.34	56.32	ppb
Barium	135-1	1.15	1.51	1.69	1.45	18.92	ppb
Barium	137-1	1.38	1.57	1.50	1.48	6.31	ppb
Beryllium	9-1	0.35	0.46	0.46	0.42	15.23	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	5.22	5.55	5.16	5.31	3.98	ppb
Boron	11-1	5.57	5.51	5.36	5.48	1.93	ppb
Cadmium	111-1	0.73	0.81	0.69	0.74	8.15	ppb
Cadmium	106-1	-1.06	-0.84	-1.23	-1.04		ppb
Cadmium	108-1	20.81	22.30	23.19	22.10	5.44	ppb
Calcium	43-1	88524.90	91732.55	87557.14	89271.53	2.45	ppb
Calcium	44-1	88923.59	93351.05	89593.43	90622.69	2.63	ppb
Chromium	52-2	19.05	19.87	20.01	19.65	2.63	ppb
Cobalt	59-2	1.07	1.13	1.10	1.10	2.97	ppb
Copper	63-2	7.74	8.00	8.07	7.94	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	98249.40	101671.28	100177.01	100032.57	1.71	ppb
Iron	57-2	96760.32	100695.84	98576.81	98677.66	2.00	ppb
Lead	206-1	5.24	5.23	5.25	5.24	0.21	ppb
Lead	207-1	4.60	4.74	4.51	4.62	2.50	ppb
Lead	208-1	4.82	4.84	4.75	4.80	1.06	ppb
Lithium	6-1				95		%
Magnesium	24-2	97402.11	101334.84	99728.32	99488.42	1.99	ppb
Manganese	55-2	7.34	7.72	7.66	7.57	2.70	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:42:09	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1279.17	1305.49	1277.10	1287.26	1.23	ppb
Molybdenum	95-1	1835.34	1878.08	1843.47	1852.30	1.23	ppb
Molybdenum	96-1	1769.88	1804.43	1780.04	1784.78	0.99	ppb
Molybdenum	97-1	1837.18	1887.27	1841.65	1855.37	1.49	ppb
Molybdenum	98-1	1842.25	1881.89	1856.72	1860.29	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.67	4.93	5.05	4.88	4.04	ppb
Phosphorus	31-2	96574.09	99928.57	96866.70	97789.79	1.90	ppb
Potassium	39-2	95854.46	99117.33	96973.75	97315.18	1.70	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	1.87	0.00	0.00	0.62	173.21	ppb
Selenium	78-2	0.59	-0.02	-1.30	-0.24		ppb
Selenium	82-1	0.23	0.02	0.17	0.14	78.11	ppb
Silicon	28-1	431.54	835.89	556.77	608.07	34.04	ppb
Silver	109-1	0.07	0.09	0.08	0.08	14.54	ppb
Silver	107-1	0.06	0.05	0.06	0.06	5.19	ppb
Sodium	23-2	98038.81	101911.27	100350.74	100100.27	1.95	ppb
Strontium	86-1	33.04	33.60	32.75	33.13	1.31	ppb
Strontium	88-1	32.12	32.94	31.96	32.34	1.63	ppb
Sulfur	34-1	96690.21	101876.94	96398.03	98321.73	3.13	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.16	0.16	0.12	0.15	14.46	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	3.76	ppb
Tin	118-1	0.24	0.22	0.15	0.20	23.33	ppb
Titanium	47-1	1936.28	2017.52	1946.44	1966.75	2.25	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.34	ppb
Vanadium	51-2	0.18	0.13	0.13	0.15	19.40	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	10.29	10.75	11.29	10.78	4.64	ppb
Zirconium	90-1	0.33	0.30	0.21	0.28	21.73	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:42:09	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.37	0.31	0.22	0.30	24.74	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:45:40	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90815.69	97462.81	92456.67	93578.39	3.70	ppb
Antimony	121-1	19.60	20.59	19.30	19.83	3.40	ppb
Arsenic	75-2	18.56	20.11	19.34	19.34	4.01	ppb
Barium	135-1	20.73	20.91	21.04	20.89	0.73	ppb
Barium	137-1	20.52	21.20	20.17	20.63	2.52	ppb
Beryllium	9-1	19.72	20.12	19.19	19.67	2.37	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	67.24	69.36	65.91	67.50	2.57	ppb
Boron	11-1	65.57	70.64	67.25	67.82	3.81	ppb
Cadmium	111-1	20.31	20.17	19.68	20.05	1.64	ppb
Cadmium	106-1	27.19	26.58	26.21	26.66	1.86	ppb
Cadmium	108-1	47.63	47.63	47.12	47.46	0.62	ppb
Calcium	43-1	89782.08	92479.06	88755.51	90338.89	2.13	ppb
Calcium	44-1	90855.84	94156.62	90358.84	91790.43	2.25	ppb
Chromium	52-2	37.83	40.41	38.55	38.93	3.43	ppb
Cobalt	59-2	20.30	21.55	20.38	20.74	3.37	ppb
Copper	63-2	26.33	28.01	27.14	27.16	3.08	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				99		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	96234.38	103781.70	99005.25	99673.78	3.83	ppb
Iron	57-2	94661.43	101793.46	97396.14	97950.34	3.67	ppb
Lead	206-1	24.75	25.51	24.22	24.83	2.61	ppb
Lead	207-1	22.36	23.51	22.70	22.86	2.59	ppb
Lead	208-1	23.07	24.05	23.02	23.38	2.48	ppb
Lithium	6-1				95		%
Magnesium	24-2	95905.44	103312.63	98350.75	99189.61	3.81	ppb
Manganese	55-2	25.93	28.27	27.06	27.09	4.33	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:45:40	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1418.32	1466.17	1404.17	1429.55	2.27	ppb
Molybdenum	95-1	1909.16	1972.86	1895.14	1925.72	2.15	ppb
Molybdenum	96-1	1850.08	1905.99	1834.33	1863.47	2.02	ppb
Molybdenum	97-1	1906.74	1971.91	1885.53	1921.39	2.34	ppb
Molybdenum	98-1	1921.90	1978.10	1897.08	1932.36	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.88	25.27	24.52	24.55	2.84	ppb
Phosphorus	31-2	93225.65	99575.13	95525.31	96108.70	3.34	ppb
Potassium	39-2	94259.59	101489.94	96161.02	97303.52	3.85	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	23.83	19.44	16.87	20.05	17.55	ppb
Selenium	78-2	20.30	24.92	18.27	21.16	16.11	ppb
Selenium	82-1	18.09	19.35	16.62	18.02	7.58	ppb
Silicon	28-1	887.15	1151.45	824.79	954.46	18.17	ppb
Silver	109-1	18.31	18.46	17.64	18.14	2.41	ppb
Silver	107-1	18.03	18.41	17.93	18.12	1.39	ppb
Sodium	23-2	96740.54	104171.44	99394.25	100102.07	3.76	ppb
Strontium	86-1	90.90	93.67	90.47	91.68	1.89	ppb
Strontium	88-1	91.28	93.01	90.12	91.47	1.59	ppb
Sulfur	34-1	99092.99	102876.80	97658.81	99876.20	2.70	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	19.21	20.06	19.24	19.50	2.48	ppb
Thallium	205-1	19.08	19.93	19.09	19.37	2.51	ppb
Tin	118-1	58.41	60.26	58.45	59.04	1.79	ppb
Titanium	47-1	2036.19	2094.19	2006.48	2045.62	2.18	ppb
Uranium	238-1	59.42	61.04	58.22	59.56	2.38	ppb
Vanadium	51-2	18.55	20.63	19.58	19.58	5.31	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	29.61	32.29	29.53	30.48	5.16	ppb
Zirconium	90-1	59.94	62.03	60.88	60.95	1.71	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:45:40	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	61.81	64.24	61.00	62.35	2.71	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P7
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:49:11	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51756.76	52992.60	52037.78	52262.38	1.24	ppb
Antimony	121-1	496.01	491.30	494.10	493.81	0.48	ppb
Arsenic	75-2	503.97	517.06	508.32	509.78	1.31	ppb
Barium	135-1	2523.15	2502.17	2488.27	2504.53	0.70	ppb
Barium	137-1	2539.74	2518.13	2496.23	2518.03	0.86	ppb
Beryllium	9-1	510.19	507.43	510.74	509.45	0.35	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	500.35	504.88	523.84	509.69	2.44	ppb
Boron	11-1	505.63	507.29	514.22	509.05	0.90	ppb
Cadmium	111-1	491.77	486.48	486.65	488.30	0.62	ppb
Cadmium	106-1	499.23	496.10	489.31	494.88	1.02	ppb
Cadmium	108-1	488.08	481.57	475.24	481.63	1.33	ppb
Calcium	43-1	241014.72	235488.84	235639.28	237380.95	1.33	ppb
Calcium	44-1	241844.22	237639.94	238922.48	239468.88	0.90	ppb
Chromium	52-2	505.35	516.70	509.50	510.51	1.12	ppb
Cobalt	59-2	492.58	502.20	493.80	496.19	1.06	ppb
Copper	63-2	956.75	981.29	970.33	969.46	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	127632.32	130242.93	128599.14	128824.80	1.02	ppb
Iron	57-2	125770.31	128591.59	127290.63	127217.51	1.11	ppb
Lead	206-1	520.18	507.93	507.15	511.75	1.43	ppb
Lead	207-1	520.06	508.55	508.38	512.33	1.31	ppb
Lead	208-1	521.27	510.28	508.31	513.29	1.36	ppb
Lithium	6-1				91		%
Magnesium	24-2	256091.80	261199.91	258002.36	258431.35	1.00	ppb
Manganese	55-2	989.27	1012.33	1000.51	1000.70	1.15	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P7
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:49:11	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2582.73	2528.21	2549.06	2553.33	1.08	ppb
Molybdenum	95-1	2563.36	2530.78	2528.24	2540.79	0.77	ppb
Molybdenum	96-1	2563.38	2544.62	2534.65	2547.55	0.57	ppb
Molybdenum	97-1	2559.76	2538.54	2533.50	2543.93	0.55	ppb
Molybdenum	98-1	2583.11	2545.89	2552.85	2560.62	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.96	499.20	492.79	491.32	1.77	ppb
Phosphorus	31-2	10245.28	10464.55	10085.86	10265.23	1.85	ppb
Potassium	39-2	126220.85	130313.37	128462.03	128332.08	1.60	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	77-2	473.89	501.30	457.97	477.72	4.59	ppb
Selenium	78-2	500.25	470.68	504.38	491.77	3.74	ppb
Selenium	82-1	495.91	491.19	493.18	493.42	0.48	ppb
Silicon	28-1	1578.38	1294.20	1364.69	1412.42	10.48	ppb
Silver	109-1	491.56	486.21	482.90	486.89	0.90	ppb
Silver	107-1	493.54	487.99	486.12	489.22	0.79	ppb
Sodium	23-2	257013.79	263741.89	260864.27	260539.98	1.30	ppb
Strontium	86-1	526.86	521.34	518.49	522.23	0.82	ppb
Strontium	88-1	530.32	519.85	520.04	523.40	1.14	ppb
Sulfur	34-1	11608.72	10410.35	11158.76	11059.28	5.47	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	519.12	509.35	506.57	511.68	1.29	ppb
Thallium	205-1	520.98	513.58	512.01	515.52	0.93	ppb
Tin	118-1	499.94	495.39	495.95	497.09	0.50	ppb
Titanium	47-1	2575.32	2511.51	2520.20	2535.68	1.36	ppb
Uranium	238-1	531.27	521.05	522.47	524.93	1.06	ppb
Vanadium	51-2	503.69	514.66	510.08	509.48	1.08	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	956.13	962.16	952.29	956.86	0.52	ppb
Zirconium	90-1	512.13	501.76	505.91	506.60	1.03	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P7
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:49:11	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	518.78	510.97	513.17	514.30	0.78	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P7
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:59:40	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.61	1.14	0.75	46.56	ppb
Antimony	121-1	0.25	0.29	0.24	0.26	10.82	ppb
Arsenic	75-2	0.03	0.01	-0.01	0.01	265.49	ppb
Barium	135-1	0.05	0.06	0.07	0.06	18.81	ppb
Barium	137-1	0.09	0.07	0.13	0.09	30.31	ppb
Beryllium	9-1	0.23	0.27	0.28	0.26	10.93	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	4.32	4.05	3.50	3.96	10.57	ppb
Boron	11-1	4.55	4.51	4.59	4.55	0.96	ppb
Cadmium	111-1	-0.25	0.12	-0.22	-0.12		ppb
Cadmium	106-1	-3.14	1.35	-2.77	-1.52		ppb
Cadmium	108-1	0.00	-0.07	-0.13	-0.07		ppb
Calcium	43-1	5.89	1.01	5.92	4.27	66.23	ppb
Calcium	44-1	137.52	175.29	200.35	171.05	18.49	ppb
Chromium	52-2	0.01	0.04	0.01	0.02	73.49	ppb
Cobalt	59-2	0.03	-0.01	0.05	0.02	126.82	ppb
Copper	63-2	0.10	0.20	0.14	0.15	35.30	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				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	8.45	8.15	7.41	8.00	6.72	ppb
Iron	57-2	9.33	8.02	6.42	7.92	18.38	ppb
Lead	206-1	0.11	0.11	0.12	0.12	7.47	ppb
Lead	207-1	0.10	0.12	0.11	0.11	10.44	ppb
Lead	208-1	0.11	0.11	0.13	0.12	13.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	-20.62	-19.67	-19.29	-19.86		ppb
Manganese	55-2	0.02	-0.01	0.03	0.02	124.85	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P7
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:59:40	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.35	0.29	0.16	0.27	36.70	ppb
Molybdenum	95-1	0.29	0.24	0.30	0.28	12.29	ppb
Molybdenum	96-1	0.21	0.23	0.19	0.21	9.15	ppb
Molybdenum	97-1	0.32	0.33	0.27	0.30	11.28	ppb
Molybdenum	98-1	0.19	0.20	0.29	0.23	25.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.30	-0.04	0.13	130.06	ppb
Phosphorus	31-2	31.11	34.76	-23.33	14.18	229.49	ppb
Potassium	39-2	30.91	41.26	25.33	32.50	24.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	77-2	1.82	0.00	0.00	0.61	173.21	ppb
Selenium	78-2	0.21	0.14	0.11	0.16	33.42	ppb
Selenium	82-1	0.47	0.62	0.00	0.37	87.90	ppb
Silicon	28-1	634.45	1052.60	1149.64	945.57	28.95	ppb
Silver	109-1	0.00	0.01	0.01	0.01	47.16	ppb
Silver	107-1	0.00	0.01	-0.01	0.00		ppb
Sodium	23-2	62.97	58.50	50.70	57.39	10.82	ppb
Strontium	86-1	-0.02	-0.01	-0.04	-0.02		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-239.53	1056.64	1197.01	671.37	117.96	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.10	0.07	0.08	28.65	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	8.29	ppb
Tin	118-1	0.07	0.07	0.07	0.07	1.09	ppb
Titanium	47-1	0.14	0.00	-0.05	0.03	320.28	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	91.02	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1176.14	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	-0.18	-0.02	-0.22	-0.14		ppb
Zirconium	90-1	0.03	0.05	0.06	0.05	26.20	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P7
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:59:40	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.09	0.04	0.07	33.98	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:03:11	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.18	16.28	21.12	18.20	14.16	ppb
Antimony	121-1	2.01	1.91	1.94	1.95	2.70	ppb
Arsenic	75-2	0.86	1.05	0.96	0.95	10.05	ppb
Barium	135-1	8.70	8.94	9.00	8.88	1.82	ppb
Barium	137-1	9.61	9.19	9.46	9.42	2.28	ppb
Beryllium	9-1	1.14	1.08	1.14	1.12	2.94	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	24.10	27.49	26.29	25.96	6.62	ppb
Boron	11-1	24.35	25.62	25.40	25.12	2.70	ppb
Cadmium	111-1	1.01	1.03	0.73	0.92	17.78	ppb
Cadmium	106-1	0.75	0.79	-1.42	0.04	2985.10	ppb
Cadmium	108-1	0.87	1.22	0.74	0.94	26.45	ppb
Calcium	43-1	439.84	433.54	428.62	434.00	1.30	ppb
Calcium	44-1	575.85	590.02	566.65	577.51	2.04	ppb
Chromium	52-2	1.99	2.04	2.07	2.03	1.88	ppb
Cobalt	59-2	0.94	0.98	0.99	0.97	2.27	ppb
Copper	63-2	2.25	2.00	2.05	2.10	6.21	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				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	53.13	54.85	55.14	54.37	2.00	ppb
Iron	57-2	57.11	48.21	49.49	51.60	9.32	ppb
Lead	206-1	0.97	1.04	1.03	1.01	3.61	ppb
Lead	207-1	0.93	1.02	0.87	0.94	7.92	ppb
Lead	208-1	0.98	1.03	0.97	0.99	3.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	429.48	434.70	457.22	440.47	3.35	ppb
Manganese	55-2	1.09	1.13	0.94	1.05	9.20	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:03:11	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.87	4.51	4.68	4.68	3.87	ppb
Molybdenum	95-1	4.37	4.47	4.46	4.43	1.24	ppb
Molybdenum	96-1	4.46	4.77	4.34	4.52	4.81	ppb
Molybdenum	97-1	4.75	4.28	4.78	4.60	6.02	ppb
Molybdenum	98-1	4.40	4.57	4.64	4.54	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.07	1.34	1.23	11.80	ppb
Phosphorus	31-2	18.11	13.62	11.60	14.45	23.07	ppb
Potassium	39-2	475.81	467.38	499.15	480.78	3.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	3.48	5.29	1.78	3.52	49.87	ppb
Selenium	78-2	3.35	5.79	5.88	5.00	28.73	ppb
Selenium	82-1	3.86	3.57	4.04	3.82	6.15	ppb
Silicon	28-1	910.43	1001.69	788.97	900.36	11.85	ppb
Silver	109-1	1.03	0.99	1.08	1.03	4.34	ppb
Silver	107-1	1.04	1.02	0.92	0.99	6.13	ppb
Sodium	23-2	495.36	509.79	519.50	508.22	2.39	ppb
Strontium	86-1	0.92	0.77	1.04	0.91	15.21	ppb
Strontium	88-1	0.93	0.89	0.90	0.91	1.99	ppb
Sulfur	34-1	543.61	547.38	336.10	475.70	25.42	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.93	0.97	0.94	0.95	2.15	ppb
Thallium	205-1	0.93	0.95	0.93	0.94	1.43	ppb
Tin	118-1	4.71	4.48	4.51	4.57	2.77	ppb
Titanium	47-1	4.79	4.59	4.06	4.48	8.49	ppb
Uranium	238-1	0.85	0.85	0.84	0.85	0.63	ppb
Vanadium	51-2	4.32	4.54	4.58	4.48	3.10	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	2.06	2.19	1.74	2.00	11.63	ppb
Zirconium	90-1	1.08	1.10	1.04	1.08	2.72	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:03:11	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.03	1.11	1.20	1.11	7.84	ppb

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : PB105369BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 14:51:39 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.71	-0.70	-0.52		ppb
Antimony	121-1	0.03	0.00	0.03	0.02	67.41	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	11992.16	ppb
Barium	135-1	0.01	0.00	0.04	0.02	126.68	ppb
Barium	137-1	0.00	0.01	0.02	0.01	78.01	ppb
Beryllium	9-1	0.06	0.03	0.03	0.04	41.18	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.48	0.38	0.86	0.58	44.38	ppb
Boron	11-1	0.65	0.86	0.70	0.74	14.64	ppb
Cadmium	111-1	-0.05	0.09	-0.25	-0.07		ppb
Cadmium	106-1	-0.50	1.16	-3.14	-0.83		ppb
Cadmium	108-1	0.06	0.00	0.00	0.02	176.90	ppb
Calcium	43-1	-4.81	3.78	3.16	0.71	673.41	ppb
Calcium	44-1	44.23	77.33	83.15	68.24	30.77	ppb
Chromium	52-2	0.02	0.04	0.03	0.03	18.58	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	-0.14	0.01	0.04	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2.36	2.36	2.24	2.32	3.03	ppb
Iron	57-2	2.14	2.21	4.14	2.83	40.13	ppb
Lead	206-1	0.02	0.02	0.02	0.02	4.29	ppb
Lead	207-1	0.01	0.02	0.02	0.02	25.94	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	-8.33	-7.73	-7.51	-7.86		ppb
Manganese	55-2	-0.03	0.00	0.05	0.01	671.80	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:51:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.06	0.07	0.06	25.83	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	36.54	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	65.78	ppb
Molybdenum	97-1	0.02	0.06	0.01	0.03	73.50	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	12.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.21	0.42	0.27	50.20	ppb
Phosphorus	31-2	26.48	15.21	44.80	28.83	51.81	ppb
Potassium	39-2	-3.56	13.01	18.42	9.29	123.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	1.72	0.00	0.00	0.57	173.21	ppb
Selenium	78-2	-0.77	0.10	-0.18	-0.28		ppb
Selenium	82-1	-0.35	0.49	-0.75	-0.20		ppb
Silicon	28-1	622.28	806.77	872.73	767.26	16.92	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	-0.01	0.00		ppb
Sodium	23-2	2.77	6.39	5.15	4.77	38.50	ppb
Strontium	86-1	0.13	0.01	-0.01	0.04	179.90	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	334.78	981.96	827.74	714.83	47.29	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.02	0.02	0.01	80.32	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	74.15	ppb
Tin	118-1	-0.04	-0.01	-0.02	-0.02		ppb
Titanium	47-1	-0.06	-0.04	0.15	0.02	694.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	-0.29	-0.51	-0.28		ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	55.16	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:51:39	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.00	-0.02	0.01	410.37	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:55:11	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.77	39.87	36.29	38.64	5.28	ppb
Antimony	121-1	3.86	3.97	3.84	3.89	1.74	ppb
Arsenic	75-2	1.49	2.06	1.60	1.72	17.55	ppb
Barium	135-1	18.59	18.51	19.24	18.78	2.15	ppb
Barium	137-1	19.18	18.41	18.94	18.84	2.09	ppb
Beryllium	9-1	2.00	1.80	2.04	1.95	6.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				91		%
Boron	10-1	44.41	45.30	45.11	44.94	1.04	ppb
Boron	11-1	43.01	45.60	46.30	44.97	3.85	ppb
Cadmium	111-1	1.80	1.98	1.72	1.83	7.07	ppb
Cadmium	106-1	-0.19	1.06	0.61	0.50	127.69	ppb
Cadmium	108-1	1.31	1.91	1.89	1.70	20.00	ppb
Calcium	43-1	862.24	841.05	825.75	843.02	2.17	ppb
Calcium	44-1	964.54	953.69	980.17	966.13	1.38	ppb
Chromium	52-2	3.86	4.14	4.24	4.08	4.89	ppb
Cobalt	59-2	2.03	2.08	1.95	2.02	3.22	ppb
Copper	63-2	4.26	4.19	4.03	4.16	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				101		%
Holmium	165-2				92		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	481.78	490.11	490.97	487.62	1.04	ppb
Iron	57-2	469.78	486.12	488.42	481.44	2.11	ppb
Lead	206-1	1.90	1.92	1.96	1.93	1.58	ppb
Lead	207-1	1.93	1.92	1.84	1.90	2.60	ppb
Lead	208-1	1.87	1.92	1.92	1.90	1.65	ppb
Lithium	6-1				101		%
Magnesium	24-2	931.51	969.15	957.49	952.72	2.02	ppb
Manganese	55-2	2.08	1.83	2.04	1.98	6.94	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:55:11	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.14	9.44	9.81	9.46	3.53	ppb
Molybdenum	95-1	8.99	8.99	9.55	9.18	3.54	ppb
Molybdenum	96-1	9.08	9.41	9.34	9.28	1.88	ppb
Molybdenum	97-1	9.18	8.77	9.45	9.13	3.78	ppb
Molybdenum	98-1	9.03	9.07	8.90	9.00	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.61	2.67	2.44	2.57	4.61	ppb
Phosphorus	31-2	24.55	54.35	-0.18	26.24	104.05	ppb
Potassium	39-2	959.43	980.53	987.45	975.80	1.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	77-2	7.78	17.85	8.79	11.47	48.32	ppb
Selenium	78-2	10.85	12.76	10.20	11.27	11.82	ppb
Selenium	82-1	9.47	9.66	11.47	10.20	10.83	ppb
Silicon	28-1	719.24	618.42	776.51	704.73	11.36	ppb
Silver	109-1	2.00	1.93	2.06	2.00	3.15	ppb
Silver	107-1	1.96	2.08	1.95	2.00	3.59	ppb
Sodium	23-2	972.35	999.91	982.19	984.82	1.42	ppb
Strontium	86-1	1.90	1.95	1.84	1.89	2.92	ppb
Strontium	88-1	1.91	1.92	1.90	1.91	0.67	ppb
Sulfur	34-1	543.13	84.12	459.97	362.41	67.48	ppb
Terbium	159-1				101		%
Terbium	159-2				92		%
Thallium	203-1	1.84	1.87	1.98	1.90	3.79	ppb
Thallium	205-1	1.86	1.84	1.86	1.85	0.47	ppb
Tin	118-1	9.50	9.22	9.16	9.29	1.98	ppb
Titanium	47-1	9.91	8.93	8.61	9.15	7.42	ppb
Uranium	238-1	1.72	1.75	1.78	1.75	1.71	ppb
Vanadium	51-2	9.31	9.30	9.64	9.42	2.08	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	4.70	4.62	4.21	4.51	5.90	ppb
Zirconium	90-1	1.93	1.82	1.85	1.87	3.27	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:55:11	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.04	2.09	2.07	2.07	1.13	ppb

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : PB105370BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 14:58:43 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-0.42	-0.57	-0.42		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	24.24	ppb
Arsenic	75-2	-0.03	-0.01	-0.01	-0.02		ppb
Barium	135-1	0.04	0.03	0.03	0.03	14.84	ppb
Barium	137-1	0.01	0.01	0.01	0.01	25.89	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	18.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	1.88	1.76	1.80	1.81	3.44	ppb
Boron	11-1	2.05	1.89	1.66	1.86	10.51	ppb
Cadmium	111-1	0.03	0.04	-0.24	-0.06		ppb
Cadmium	106-1	0.35	0.43	-2.89	-0.70		ppb
Cadmium	108-1	-0.07	-0.13	0.00	-0.07		ppb
Calcium	43-1	0.15	3.58	1.23	1.65	106.28	ppb
Calcium	44-1	52.40	75.65	95.34	74.46	28.87	ppb
Chromium	52-2	0.01	0.03	0.01	0.02	59.34	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.05	-0.08	0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2.38	2.64	2.31	2.44	7.15	ppb
Iron	57-2	3.56	0.48	2.45	2.16	72.21	ppb
Lead	206-1	0.03	0.03	0.03	0.03	8.06	ppb
Lead	207-1	0.01	0.01	0.01	0.01	22.89	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.86	ppb
Lithium	6-1				101		%
Magnesium	24-2	-6.12	-7.92	-7.03	-7.02		ppb
Manganese	55-2	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105370BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:58:43	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.09	0.08	0.08	13.43	ppb
Molybdenum	95-1	0.04	0.01	0.03	0.03	71.28	ppb
Molybdenum	96-1	0.00	-0.01	0.03	0.00	430.99	ppb
Molybdenum	97-1	0.01	0.02	0.06	0.03	74.84	ppb
Molybdenum	98-1	-0.01	0.02	0.01	0.01	185.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.35	0.38	0.32	28.13	ppb
Phosphorus	31-2	-30.22	10.58	4.78	-4.95		ppb
Potassium	39-2	24.90	21.87	8.98	18.59	45.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	0.00	1.73	0.00	0.58	173.21	ppb
Selenium	78-2	0.13	0.39	-1.06	-0.18		ppb
Selenium	82-1	-0.84	0.55	0.41	0.04	2030.07	ppb
Silicon	28-1	547.94	712.19	968.60	742.91	28.54	ppb
Silver	109-1	0.00	0.01	0.00	0.01	133.29	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	5.65	4.50	8.52	6.23	33.26	ppb
Strontium	86-1	-0.06	-0.04	0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	138.92	770.80	1174.17	694.63	75.12	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.00	0.01	66.67	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	96.18	ppb
Tin	118-1	-0.02	0.00	-0.06	-0.03		ppb
Titanium	47-1	0.01	-0.05	-0.14	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	318.07	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	-0.30	-0.30	-0.42	-0.34		ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	76.38	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105370BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:58:43	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.05	0.04	38.63	ppb

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : PB105370BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 15:02:15 DataFile Name : 022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.38	39.26	33.75	38.80	12.46	ppb
Antimony	121-1	3.84	3.70	3.72	3.75	2.11	ppb
Arsenic	75-2	2.02	2.06	2.12	2.07	2.55	ppb
Barium	135-1	19.54	19.21	18.51	19.09	2.76	ppb
Barium	137-1	19.08	18.76	19.09	18.98	1.01	ppb
Beryllium	9-1	2.15	1.87	1.95	1.99	7.29	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	42.89	43.19	45.37	43.82	3.08	ppb
Boron	11-1	45.40	45.29	45.70	45.46	0.47	ppb
Cadmium	111-1	2.02	1.67	1.65	1.78	11.79	ppb
Cadmium	106-1	1.41	-0.87	0.95	0.50	242.98	ppb
Cadmium	108-1	1.66	2.16	1.77	1.87	14.01	ppb
Calcium	43-1	841.44	826.60	866.38	844.81	2.38	ppb
Calcium	44-1	989.81	950.42	970.52	970.25	2.03	ppb
Chromium	52-2	4.08	4.24	3.78	4.04	5.75	ppb
Cobalt	59-2	1.99	1.86	1.88	1.91	3.51	ppb
Copper	63-2	4.03	3.99	3.73	3.91	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	484.81	472.05	476.62	477.82	1.35	ppb
Iron	57-2	500.56	472.63	494.32	489.17	3.00	ppb
Lead	206-1	1.92	1.86	1.88	1.89	1.41	ppb
Lead	207-1	1.90	1.85	1.93	1.89	2.21	ppb
Lead	208-1	1.88	1.86	1.88	1.87	0.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	943.85	939.49	939.00	940.78	0.28	ppb
Manganese	55-2	2.09	1.92	2.05	2.02	4.24	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105370BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:02:15	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.51	9.33	9.25	9.36	1.42	ppb
Molybdenum	95-1	9.25	9.39	9.49	9.38	1.33	ppb
Molybdenum	96-1	9.18	9.26	9.37	9.27	1.01	ppb
Molybdenum	97-1	9.41	9.31	8.86	9.20	3.16	ppb
Molybdenum	98-1	9.28	9.04	8.89	9.07	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.41	2.16	2.09	2.22	7.55	ppb
Phosphorus	31-2	44.95	1.40	11.56	19.30	118.03	ppb
Potassium	39-2	965.34	907.11	925.78	932.74	3.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	10.34	10.23	6.85	9.14	21.72	ppb
Selenium	78-2	6.19	14.72	9.89	10.27	41.67	ppb
Selenium	82-1	10.51	9.22	8.97	9.57	8.60	ppb
Silicon	28-1	812.57	702.95	729.61	748.38	7.64	ppb
Silver	109-1	2.05	1.98	1.89	1.97	3.97	ppb
Silver	107-1	2.11	1.91	2.02	2.01	5.07	ppb
Sodium	23-2	988.21	932.44	961.30	960.65	2.90	ppb
Strontium	86-1	1.93	1.73	1.79	1.82	5.80	ppb
Strontium	88-1	1.88	1.86	1.90	1.88	1.16	ppb
Sulfur	34-1	939.20	291.18	617.64	616.01	52.60	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1.86	1.79	1.85	1.83	2.07	ppb
Thallium	205-1	1.91	1.83	1.84	1.86	2.45	ppb
Tin	118-1	9.27	9.36	9.47	9.37	1.08	ppb
Titanium	47-1	9.14	9.95	9.58	9.56	4.28	ppb
Uranium	238-1	1.74	1.72	1.74	1.73	0.56	ppb
Vanadium	51-2	9.42	9.50	9.12	9.34	2.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	4.25	4.38	3.94	4.19	5.33	ppb
Zirconium	90-1	1.95	1.97	2.02	1.98	1.87	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105370BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:02:15	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.10	1.96	2.03	2.03	3.52	ppb

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : PB105371BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 15:05:48 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.58	-0.57	-0.16	-0.44		ppb
Antimony	121-1	0.03	0.03	0.02	0.03	20.74	ppb
Arsenic	75-2	-0.03	0.01	0.01	-0.01		ppb
Barium	135-1	0.04	0.02	0.05	0.04	43.55	ppb
Barium	137-1	0.01	0.01	0.03	0.02	53.58	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	68.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	2.50	2.24	2.17	2.30	7.62	ppb
Boron	11-1	2.54	2.16	1.73	2.14	18.94	ppb
Cadmium	111-1	0.09	0.12	-0.10	0.03	334.52	ppb
Cadmium	106-1	1.02	1.51	-1.13	0.47	300.94	ppb
Cadmium	108-1	-0.13	0.12	0.00	0.00		ppb
Calcium	43-1	0.27	0.75	2.90	1.31	107.19	ppb
Calcium	44-1	82.66	69.21	98.62	83.50	17.63	ppb
Chromium	52-2	0.01	-0.01	0.03	0.01	225.39	ppb
Cobalt	59-2	0.00	0.00	-0.02	0.00		ppb
Copper	63-2	-0.08	-0.04	0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	2.34	2.31	1.87	2.17	12.25	ppb
Iron	57-2	2.20	3.68	2.28	2.72	30.74	ppb
Lead	206-1	0.01	0.00	0.01	0.01	84.84	ppb
Lead	207-1	0.01	0.01	0.01	0.01	32.74	ppb
Lead	208-1	0.01	0.01	0.02	0.01	16.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	-9.59	-7.70	-6.74	-8.01		ppb
Manganese	55-2	0.00	0.01	0.00	0.00	152.10	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105371BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:05:48	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.08	0.02	0.05	61.63	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	101.54	ppb
Molybdenum	96-1	0.02	0.01	0.00	0.01	133.34	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	123.58	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	23.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.48	0.28	0.46	36.69	ppb
Phosphorus	31-2	-23.05	20.50	-21.60	-8.05		ppb
Potassium	39-2	-7.14	1.63	9.55	1.35	619.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.14	-0.22	0.35	0.42	162.49	ppb
Selenium	82-1	-0.45	0.11	-0.36	-0.23		ppb
Silicon	28-1	591.93	434.70	667.67	564.76	21.04	ppb
Silver	109-1	0.01	0.01	0.00	0.01	24.34	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	-1.07	2.74	3.07	1.58	145.44	ppb
Strontium	86-1	-0.07	-0.02	-0.02	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	281.41	-281.12	298.52	99.60	331.14	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.01	0.01	61.27	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	38.06	ppb
Tin	118-1	0.06	-0.05	0.01	0.00	1666.82	ppb
Titanium	47-1	-0.18	0.09	0.09	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.14	-0.52	-0.17	-0.28		ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	31.20	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105371BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:05:48	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.02	0.03	41.46	ppb

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : PB105371BS Instrumnet Name : P7
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 15:09:20 DataFile Name : 024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.18	40.19	37.65	39.01	3.28	ppb
Antimony	121-1	3.49	3.61	3.84	3.64	4.86	ppb
Arsenic	75-2	1.80	1.98	2.19	1.99	9.74	ppb
Barium	135-1	18.60	17.93	17.84	18.13	2.29	ppb
Barium	137-1	19.02	18.13	18.80	18.65	2.50	ppb
Beryllium	9-1	1.99	1.86	2.15	2.00	7.42	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	44.07	42.47	47.76	44.76	6.06	ppb
Boron	11-1	43.89	44.94	46.68	45.17	3.12	ppb
Cadmium	111-1	1.72	1.86	1.76	1.78	4.19	ppb
Cadmium	106-1	-0.99	0.56	-0.08	-0.17		ppb
Cadmium	108-1	1.94	1.52	1.93	1.80	13.28	ppb
Calcium	43-1	897.06	832.97	888.02	872.68	3.98	ppb
Calcium	44-1	930.39	911.88	960.45	934.24	2.62	ppb
Chromium	52-2	4.13	4.20	4.06	4.13	1.74	ppb
Cobalt	59-2	2.02	1.96	1.85	1.95	4.27	ppb
Copper	63-2	3.97	3.77	3.67	3.80	3.90	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				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	488.32	479.54	461.37	476.41	2.89	ppb
Iron	57-2	480.72	488.68	466.73	478.71	2.32	ppb
Lead	206-1	1.88	1.92	1.99	1.93	2.82	ppb
Lead	207-1	1.83	1.80	1.90	1.84	2.82	ppb
Lead	208-1	1.83	1.85	1.89	1.86	1.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	966.84	935.60	906.87	936.44	3.20	ppb
Manganese	55-2	2.11	1.97	1.91	1.99	4.96	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105371BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:09:20	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.71	9.52	9.62	9.28	5.35	ppb
Molybdenum	95-1	9.37	9.19	9.37	9.31	1.13	ppb
Molybdenum	96-1	9.01	9.05	9.57	9.21	3.40	ppb
Molybdenum	97-1	9.80	9.26	9.29	9.45	3.21	ppb
Molybdenum	98-1	9.21	8.73	8.64	8.86	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.69	2.39	2.23	2.44	9.52	ppb
Phosphorus	31-2	-11.39	30.97	9.55	9.71	218.05	ppb
Potassium	39-2	962.39	945.35	904.07	937.27	3.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	11.91	8.43	8.23	9.52	21.74	ppb
Selenium	78-2	11.82	11.98	7.21	10.33	26.21	ppb
Selenium	82-1	8.71	9.87	10.02	9.53	7.52	ppb
Silicon	28-1	443.04	406.45	659.42	502.97	27.18	ppb
Silver	109-1	2.00	1.93	1.92	1.95	2.12	ppb
Silver	107-1	1.97	2.00	2.10	2.03	3.39	ppb
Sodium	23-2	982.48	961.95	928.08	957.50	2.87	ppb
Strontium	86-1	1.84	1.93	1.83	1.87	2.86	ppb
Strontium	88-1	1.81	1.89	1.94	1.88	3.29	ppb
Sulfur	34-1	-62.35	-266.33	376.33	15.88	2067.46	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1.75	1.87	1.79	1.81	3.50	ppb
Thallium	205-1	1.75	1.78	1.84	1.79	2.53	ppb
Tin	118-1	9.48	9.32	9.23	9.34	1.37	ppb
Titanium	47-1	8.95	9.19	9.94	9.36	5.56	ppb
Uranium	238-1	1.68	1.67	1.75	1.70	2.55	ppb
Vanadium	51-2	9.65	9.67	8.84	9.39	5.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	4.14	3.63	3.46	3.74	9.50	ppb
Zirconium	90-1	1.98	1.80	1.89	1.89	4.80	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105371BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:09:20	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.94	1.92	1.92	1.93	0.56	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:12:51	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51545.07	50988.15	52091.06	51541.43	1.07	ppb
Antimony	121-1	489.24	490.70	494.42	491.45	0.54	ppb
Arsenic	75-2	512.60	506.47	505.91	508.33	0.73	ppb
Barium	135-1	2480.81	2505.46	2521.29	2502.52	0.82	ppb
Barium	137-1	2505.88	2509.70	2527.13	2514.24	0.45	ppb
Beryllium	9-1	514.62	519.83	521.28	518.58	0.67	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	498.68	513.39	523.19	511.75	2.41	ppb
Boron	11-1	500.19	512.20	523.34	511.91	2.26	ppb
Cadmium	111-1	486.10	485.13	488.21	486.48	0.32	ppb
Cadmium	106-1	506.94	490.51	489.83	495.76	1.95	ppb
Cadmium	108-1	493.72	498.31	495.51	495.85	0.47	ppb
Calcium	43-1	233113.74	235573.56	235813.57	234833.62	0.64	ppb
Calcium	44-1	235070.66	236595.19	238162.71	236609.52	0.65	ppb
Chromium	52-2	504.97	504.19	508.00	505.72	0.40	ppb
Cobalt	59-2	490.90	486.74	494.84	490.82	0.83	ppb
Copper	63-2	957.65	956.78	970.45	961.63	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	127941.08	127046.06	128737.30	127908.15	0.66	ppb
Iron	57-2	125539.75	125099.99	126442.77	125694.17	0.54	ppb
Lead	206-1	508.45	509.01	514.37	510.61	0.64	ppb
Lead	207-1	506.12	508.16	508.75	507.68	0.27	ppb
Lead	208-1	508.09	511.44	513.06	510.86	0.50	ppb
Lithium	6-1				94		%
Magnesium	24-2	255617.36	253110.96	257342.07	255356.80	0.83	ppb
Manganese	55-2	990.83	979.29	993.49	987.87	0.76	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:12:51	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2526.42	2532.12	2528.28	2528.94	0.11	ppb
Molybdenum	95-1	2502.22	2520.00	2529.26	2517.16	0.55	ppb
Molybdenum	96-1	2527.02	2527.28	2536.74	2530.35	0.22	ppb
Molybdenum	97-1	2508.06	2513.46	2522.11	2514.54	0.28	ppb
Molybdenum	98-1	2554.46	2542.81	2575.56	2557.61	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.75	480.62	492.18	486.85	1.20	ppb
Phosphorus	31-2	10600.15	9919.42	10309.94	10276.50	3.32	ppb
Potassium	39-2	127697.37	126622.15	128654.50	127658.01	0.80	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	562.15	421.59	489.86	491.20	14.31	ppb
Selenium	78-2	499.12	495.71	485.10	493.31	1.48	ppb
Selenium	82-1	486.93	485.24	491.40	487.86	0.65	ppb
Silicon	28-1	842.08	918.83	968.87	909.93	7.02	ppb
Silver	109-1	491.01	487.03	488.61	488.88	0.41	ppb
Silver	107-1	489.58	490.61	489.76	489.98	0.11	ppb
Sodium	23-2	256151.75	254870.47	258394.37	256472.20	0.70	ppb
Strontium	86-1	517.87	514.64	518.18	516.90	0.38	ppb
Strontium	88-1	518.32	517.75	519.26	518.44	0.15	ppb
Sulfur	34-1	10670.79	10792.72	11450.94	10971.48	3.83	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	507.85	509.49	515.70	511.01	0.81	ppb
Thallium	205-1	509.41	514.84	518.50	514.25	0.89	ppb
Tin	118-1	495.44	491.86	495.61	494.31	0.43	ppb
Titanium	47-1	2499.78	2529.54	2519.80	2516.37	0.60	ppb
Uranium	238-1	512.96	516.52	516.68	515.38	0.41	ppb
Vanadium	51-2	505.87	501.78	511.11	506.25	0.92	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	951.55	949.42	955.64	952.21	0.33	ppb
Zirconium	90-1	501.80	504.10	506.42	504.11	0.46	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:12:51	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	508.76	505.78	508.70	507.75	0.33	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:19:37	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.59	0.14	0.25	123.33	ppb
Antimony	121-1	0.44	0.44	0.38	0.42	8.48	ppb
Arsenic	75-2	0.05	-0.01	0.09	0.04	125.23	ppb
Barium	135-1	0.08	0.05	0.06	0.06	24.90	ppb
Barium	137-1	0.07	0.13	0.04	0.08	53.06	ppb
Beryllium	9-1	0.28	0.26	0.23	0.25	10.19	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	5.12	4.34	4.19	4.55	11.00	ppb
Boron	11-1	5.70	5.06	5.00	5.25	7.40	ppb
Cadmium	111-1	-0.06	-0.16	-0.33	-0.19		ppb
Cadmium	106-1	-0.84	-1.98	-4.03	-2.28		ppb
Cadmium	108-1	0.00	0.06	0.06	0.04	88.34	ppb
Calcium	43-1	5.21	1.99	2.56	3.26	52.76	ppb
Calcium	44-1	61.87	64.18	60.79	62.28	2.78	ppb
Chromium	52-2	-0.01	0.02	0.04	0.01	194.04	ppb
Cobalt	59-2	0.02	0.01	0.02	0.01	53.94	ppb
Copper	63-2	-0.02	0.07	-0.12	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	7.35	6.81	7.07	7.08	3.83	ppb
Iron	57-2	8.28	4.71	5.86	6.28	28.97	ppb
Lead	206-1	0.06	0.05	0.04	0.05	21.09	ppb
Lead	207-1	0.05	0.04	0.05	0.05	6.81	ppb
Lead	208-1	0.05	0.05	0.05	0.05	2.56	ppb
Lithium	6-1				99		%
Magnesium	24-2	-21.60	-21.19	-21.74	-21.51		ppb
Manganese	55-2	0.07	0.06	0.05	0.06	14.78	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:19:37	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.54	0.52	0.29	0.45	30.71	ppb
Molybdenum	95-1	0.27	0.37	0.35	0.33	16.78	ppb
Molybdenum	96-1	0.31	0.36	0.35	0.34	7.20	ppb
Molybdenum	97-1	0.35	0.31	0.33	0.33	6.62	ppb
Molybdenum	98-1	0.34	0.27	0.26	0.29	14.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.01	-0.16	-0.05		ppb
Phosphorus	31-2	14.12	25.55	-3.80	11.96	123.74	ppb
Potassium	39-2	22.17	16.45	12.48	17.03	28.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	1.74	0.00	0.00	0.58	173.21	ppb
Selenium	78-2	-1.05	0.10	0.71	-0.08		ppb
Selenium	82-1	0.03	0.42	-0.74	-0.10		ppb
Silicon	28-1	635.23	635.76	563.45	611.48	6.80	ppb
Silver	109-1	0.01	0.01	0.02	0.01	63.61	ppb
Silver	107-1	-0.01	0.02	0.02	0.01	161.34	ppb
Sodium	23-2	37.99	41.46	38.14	39.20	5.01	ppb
Strontium	86-1	0.04	0.02	-0.01	0.02	129.52	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-17.91	-44.61	-310.67	-124.40		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.05	0.04	0.05	9.72	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	34.46	ppb
Tin	118-1	0.13	0.17	0.13	0.15	14.15	ppb
Titanium	47-1	-0.05	-0.02	-0.07	-0.05		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	41.96	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	118.85	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	-0.15	-0.27	-0.30	-0.24		ppb
Zirconium	90-1	0.07	0.06	0.10	0.07	27.36	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:19:37	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.12	0.12	0.11	24.36	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-16	Instrumnet Name :	P7
Client Sample ID :	MGA5E4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:23:11	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.07	671.92	519.72	567.24	16.01	ppb
Antimony	121-1	10.91	11.30	11.56	11.26	2.93	ppb
Arsenic	75-2	5.52	6.52	5.01	5.68	13.56	ppb
Barium	135-1	0.12	0.05	0.04	0.07	61.84	ppb
Barium	137-1	0.12	0.03	0.06	0.07	64.14	ppb
Beryllium	9-1	3.23	3.09	3.20	3.17	2.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	3.84	3.42	3.85	3.70	6.59	ppb
Boron	11-1	3.64	3.49	3.79	3.64	4.04	ppb
Cadmium	111-1	2.93	3.20	2.85	2.99	6.09	ppb
Cadmium	106-1	1.02	1.50	1.32	1.28	19.09	ppb
Cadmium	108-1	2.00	2.43	2.35	2.26	10.03	ppb
Calcium	43-1	727.95	756.92	757.38	747.42	2.26	ppb
Calcium	44-1	790.83	853.50	813.76	819.36	3.87	ppb
Chromium	52-2	6.13	8.25	6.15	6.84	17.84	ppb
Cobalt	59-2	3.02	4.07	3.13	3.41	16.80	ppb
Copper	63-2	6.12	8.01	6.26	6.79	15.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				92		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	208.69	277.66	209.82	232.06	17.02	ppb
Iron	57-2	208.81	269.73	207.95	228.83	15.48	ppb
Lead	206-1	7.70	8.09	8.03	7.94	2.69	ppb
Lead	207-1	7.51	7.93	7.54	7.66	3.03	ppb
Lead	208-1	7.56	7.89	7.81	7.75	2.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	312.78	434.26	325.65	357.56	18.66	ppb
Manganese	55-2	7.52	9.66	7.29	8.16	16.01	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-16	Instrumnet Name :	P7
Client Sample ID :	MGA5E4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:23:11	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.20	0.22	0.21	7.70	ppb
Molybdenum	95-1	0.15	0.20	0.12	0.16	24.62	ppb
Molybdenum	96-1	0.18	0.16	0.14	0.16	13.91	ppb
Molybdenum	97-1	0.23	0.17	0.18	0.19	15.45	ppb
Molybdenum	98-1	0.14	0.14	0.17	0.15	8.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.16	4.65	3.29	3.70	22.22	ppb
Phosphorus	31-2	15.86	43.81	13.61	24.43	68.86	ppb
Potassium	39-2	628.55	889.26	625.89	714.57	21.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	27.56	16.31	10.46	18.11	47.99	ppb
Selenium	78-2	14.60	24.36	11.57	16.85	39.68	ppb
Selenium	82-1	15.06	15.26	16.74	15.68	5.87	ppb
Silicon	28-1	405.35	631.63	394.17	477.05	28.09	ppb
Silver	109-1	3.01	3.12	3.28	3.14	4.24	ppb
Silver	107-1	2.94	3.06	3.04	3.01	2.08	ppb
Sodium	23-2	388.55	543.32	395.16	442.34	19.78	ppb
Strontium	86-1	-0.02	0.06	0.01	0.01	283.47	ppb
Strontium	88-1	0.02	0.03	0.04	0.03	29.12	ppb
Sulfur	34-1	-348.78	272.73	-270.29	-115.45		ppb
Terbium	159-1				103		%
Terbium	159-2				92		%
Thallium	203-1	2.85	2.96	2.92	2.91	2.01	ppb
Thallium	205-1	2.90	2.94	3.02	2.95	1.99	ppb
Tin	118-1	0.05	0.05	0.03	0.05	31.99	ppb
Titanium	47-1	-0.10	0.46	0.00	0.12	250.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	409.85	ppb
Vanadium	51-2	3.95	5.17	3.82	4.31	17.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	15.30	20.61	14.59	16.83	19.53	ppb
Zirconium	90-1	0.06	0.07	0.05	0.06	16.90	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-16	Instrumnet Name :	P7
Client Sample ID :	MGA5E4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:23:11	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.05	0.09	0.09	49.85	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-09	Instrumnet Name :	P7
Client Sample ID :	MGA590	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:26:43	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	729.29	735.86	735.90	733.68	0.52	ppb
Antimony	121-1	0.27	0.28	0.24	0.26	6.84	ppb
Arsenic	75-2	7.98	8.06	7.95	8.00	0.68	ppb
Barium	135-1	41.16	40.22	40.67	40.68	1.16	ppb
Barium	137-1	41.68	41.27	39.50	40.81	2.83	ppb
Beryllium	9-1	10.62	10.64	10.32	10.53	1.70	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	2.21	3.17	3.12	2.84	19.12	ppb
Boron	11-1	2.73	2.98	2.70	2.80	5.57	ppb
Cadmium	111-1	9.60	9.11	9.37	9.36	2.62	ppb
Cadmium	106-1	8.26	6.51	2.79	5.86	47.69	ppb
Cadmium	108-1	7.04	6.69	7.09	6.94	3.20	ppb
Calcium	43-1	262.23	273.28	253.57	263.03	3.76	ppb
Calcium	44-1	306.96	335.08	327.25	323.10	4.49	ppb
Chromium	52-2	15.54	16.00	15.74	15.76	1.46	ppb
Cobalt	59-2	14.52	15.59	15.13	15.08	3.54	ppb
Copper	63-2	-0.06	-0.08	-0.04	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	475.54	491.70	496.10	487.78	2.22	ppb
Iron	57-2	469.91	480.72	477.79	476.14	1.17	ppb
Lead	206-1	12.18	12.22	12.03	12.14	0.81	ppb
Lead	207-1	11.76	11.61	11.19	11.52	2.55	ppb
Lead	208-1	11.82	11.85	11.68	11.79	0.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	561.47	590.14	602.97	584.86	3.63	ppb
Manganese	55-2	8.93	9.17	9.01	9.04	1.36	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-09	Instrumnet Name :	P7
Client Sample ID :	MGA590	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:26:43	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.23	0.16	0.20	19.29	ppb
Molybdenum	95-1	0.11	0.09	0.07	0.09	24.35	ppb
Molybdenum	96-1	0.08	0.11	0.13	0.11	23.78	ppb
Molybdenum	97-1	0.07	0.09	0.07	0.08	20.72	ppb
Molybdenum	98-1	0.06	0.11	0.08	0.09	28.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.61	11.98	11.51	11.70	2.13	ppb
Phosphorus	31-2	-45.46	-12.22	-27.81	-28.50		ppb
Potassium	39-2	777.33	825.29	804.67	802.43	3.00	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	11.77	20.67	15.64	16.03	27.83	ppb
Selenium	78-2	15.35	14.60	14.16	14.71	4.07	ppb
Selenium	82-1	15.28	15.24	14.37	14.96	3.45	ppb
Silicon	28-1	542.10	684.31	657.40	627.94	12.03	ppb
Silver	109-1	8.57	8.56	8.49	8.54	0.50	ppb
Silver	107-1	8.21	8.33	8.13	8.22	1.17	ppb
Sodium	23-2	542.44	567.92	572.45	560.94	2.88	ppb
Strontium	86-1	0.04	-0.05	0.06	0.02	379.56	ppb
Strontium	88-1	0.02	0.00	0.02	0.01	80.85	ppb
Sulfur	34-1	-234.51	238.90	-66.87	-20.83		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	17.64	18.00	17.48	17.70	1.51	ppb
Thallium	205-1	17.77	17.80	17.47	17.68	1.04	ppb
Tin	118-1	0.02	-0.02	0.02	0.01	324.76	ppb
Titanium	47-1	-0.11	-0.18	-0.06	-0.12		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	5.66	5.79	5.83	5.76	1.55	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	16.43	17.01	17.55	16.99	3.27	ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	21.05	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-09	Instrumnet Name :	P7
Client Sample ID :	MGA590	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:26:43	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.02	0.09	0.06	54.59	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13	Instrumnet Name :	P7
Client Sample ID :	MGA5E3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:30:16	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.15	13.28	14.97	13.80	7.34	ppb
Antimony	121-1	0.30	0.32	0.30	0.31	2.95	ppb
Arsenic	75-2	0.28	0.30	0.31	0.30	4.69	ppb
Barium	135-1	9.02	9.45	9.17	9.21	2.36	ppb
Barium	137-1	9.30	9.49	9.73	9.51	2.26	ppb
Beryllium	9-1	0.13	0.07	0.13	0.11	35.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	4.99	5.61	5.73	5.44	7.35	ppb
Boron	11-1	5.00	5.40	4.96	5.12	4.81	ppb
Cadmium	111-1	-0.22	0.12	-0.20	-0.10		ppb
Cadmium	106-1	-2.96	0.91	-2.53	-1.53		ppb
Cadmium	108-1	0.11	-0.13	0.23	0.07	269.30	ppb
Calcium	43-1	41115.31	40263.97	39993.32	40457.53	1.45	ppb
Calcium	44-1	42513.62	41559.04	41645.75	41906.13	1.26	ppb
Chromium	52-2	4.18	4.12	4.08	4.13	1.21	ppb
Cobalt	59-2	0.37	0.37	0.42	0.39	8.01	ppb
Copper	63-2	3.47	3.40	3.34	3.41	1.87	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				111		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	60.13	58.25	59.83	59.40	1.70	ppb
Iron	57-2	99.78	103.20	83.29	95.43	11.16	ppb
Lead	206-1	1.22	1.23	1.25	1.23	1.04	ppb
Lead	207-1	1.33	1.09	1.13	1.18	10.91	ppb
Lead	208-1	1.26	1.17	1.14	1.19	5.05	ppb
Lithium	6-1				116		%
Magnesium	24-2	25851.20	25212.75	25761.44	25608.46	1.35	ppb
Manganese	55-2	3.80	3.89	3.93	3.87	1.70	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13	Instrumnet Name :	P7
Client Sample ID :	MGA5E3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:30:16	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.30	0.29	0.38	0.32	14.76	ppb
Molybdenum	95-1	0.27	0.32	0.22	0.27	19.67	ppb
Molybdenum	96-1	0.29	0.24	0.25	0.26	10.83	ppb
Molybdenum	97-1	0.25	0.38	0.26	0.30	23.98	ppb
Molybdenum	98-1	0.21	0.18	0.20	0.20	9.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.13	4.26	3.98	4.12	3.51	ppb
Phosphorus	31-2	12.29	42.11	-18.51	11.96	253.42	ppb
Potassium	39-2	511.66	488.33	485.28	495.09	2.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	1.86	0.00	1.68	1.18	86.91	ppb
Selenium	78-2	-0.37	2.09	0.05	0.59	221.66	ppb
Selenium	82-1	-0.04	0.29	0.49	0.24	108.65	ppb
Silicon	28-1	3027.88	2791.61	2866.87	2895.45	4.17	ppb
Silver	109-1	0.15	0.11	0.18	0.14	22.53	ppb
Silver	107-1	0.13	0.13	0.12	0.13	5.95	ppb
Sodium	23-2	1826.88	1800.37	1801.44	1809.56	0.83	ppb
Strontium	86-1	26.50	26.83	25.40	26.24	2.85	ppb
Strontium	88-1	26.61	25.97	25.77	26.12	1.67	ppb
Sulfur	34-1	965.45	754.22	1018.33	912.67	15.31	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.10	0.10	0.11	16.40	ppb
Thallium	205-1	0.13	0.10	0.07	0.10	27.72	ppb
Tin	118-1	0.11	0.06	0.09	0.08	28.68	ppb
Titanium	47-1	0.63	0.82	0.98	0.81	21.90	ppb
Uranium	238-1	0.29	0.28	0.29	0.29	2.83	ppb
Vanadium	51-2	0.26	0.32	0.28	0.29	11.30	ppb
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	16.76	15.48	16.07	16.10	3.95	ppb
Zirconium	90-1	0.07	0.04	0.07	0.06	28.10	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13	Instrumnet Name :	P7
Client Sample ID :	MGA5E3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:30:16	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.07	0.06	25.65	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-14	Instrumnet Name :	P7
Client Sample ID :	MGA5E3D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:33:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.06	15.29	12.92	14.09	8.40	ppb
Antimony	121-1	0.15	0.19	0.16	0.17	11.03	ppb
Arsenic	75-2	0.48	0.35	0.47	0.44	16.58	ppb
Barium	135-1	9.74	9.17	9.96	9.62	4.22	ppb
Barium	137-1	9.84	9.35	9.27	9.49	3.29	ppb
Beryllium	9-1	0.08	0.09	0.09	0.09	9.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	4.68	4.13	4.92	4.58	8.95	ppb
Boron	11-1	4.32	4.82	4.77	4.64	5.96	ppb
Cadmium	111-1	-0.40	-0.29	-0.24	-0.31		ppb
Cadmium	106-1	-5.00	-3.53	-3.03	-3.86		ppb
Cadmium	108-1	-0.07	-0.01	-0.01	-0.03		ppb
Calcium	43-1	40110.32	40007.18	40162.16	40093.22	0.20	ppb
Calcium	44-1	41252.52	41511.69	41467.27	41410.49	0.33	ppb
Chromium	52-2	3.73	4.14	4.00	3.96	5.26	ppb
Cobalt	59-2	0.38	0.39	0.36	0.38	4.21	ppb
Copper	63-2	3.31	3.41	3.67	3.46	5.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	56.82	59.16	59.40	58.46	2.44	ppb
Iron	57-2	101.48	92.87	95.47	96.61	4.57	ppb
Lead	206-1	1.11	1.17	1.16	1.14	2.65	ppb
Lead	207-1	1.01	1.03	1.10	1.04	4.56	ppb
Lead	208-1	1.08	1.09	1.11	1.09	1.42	ppb
Lithium	6-1				116		%
Magnesium	24-2	25847.08	25869.93	26245.29	25987.43	0.86	ppb
Manganese	55-2	4.14	3.77	4.15	4.02	5.41	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-14	Instrumnet Name :	P7
Client Sample ID :	MGA5E3D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:33:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.22	0.25	0.25	13.42	ppb
Molybdenum	95-1	0.19	0.20	0.21	0.20	4.67	ppb
Molybdenum	96-1	0.31	0.22	0.19	0.24	26.11	ppb
Molybdenum	97-1	0.32	0.34	0.29	0.32	8.64	ppb
Molybdenum	98-1	0.22	0.19	0.19	0.20	8.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.51	3.44	3.70	3.55	3.71	ppb
Phosphorus	31-2	-23.49	-0.76	48.40	8.05	456.23	ppb
Potassium	39-2	484.12	457.41	474.59	472.04	2.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	1.69	1.69	3.40	2.26	43.66	ppb
Selenium	78-2	0.34	0.64	0.64	0.54	31.84	ppb
Selenium	82-1	-0.48	0.47	-0.54	-0.18		ppb
Silicon	28-1	2741.68	2824.32	2883.55	2816.52	2.53	ppb
Silver	109-1	0.16	0.10	0.08	0.12	34.15	ppb
Silver	107-1	0.12	0.10	0.10	0.11	7.31	ppb
Sodium	23-2	1788.72	1786.58	1820.81	1798.70	1.07	ppb
Strontium	86-1	26.39	26.54	26.80	26.58	0.77	ppb
Strontium	88-1	26.21	26.02	26.51	26.24	0.94	ppb
Sulfur	34-1	1162.94	1115.18	1650.22	1309.45	22.61	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.06	0.03	0.04	37.63	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.06	ppb
Tin	118-1	0.05	0.00	0.02	0.02	116.34	ppb
Titanium	47-1	0.67	0.98	0.95	0.87	19.71	ppb
Uranium	238-1	0.27	0.29	0.29	0.28	2.71	ppb
Vanadium	51-2	0.42	0.46	0.45	0.44	4.12	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	14.84	16.44	15.74	15.67	5.12	ppb
Zirconium	90-1	0.06	0.06	0.04	0.05	18.34	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-14	Instrumnet Name :	P7
Client Sample ID :	MGA5E3D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:33:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.06	0.06	7.86	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13LX5	Instrumnet Name :	P7
Client Sample ID :	MGA5E3L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 15:37:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.94	4.00	2.93	3.29	18.71	ppb
Antimony	121-1	0.05	0.08	0.06	0.06	24.77	ppb
Arsenic	75-2	0.10	0.07	0.07	0.08	25.25	ppb
Barium	135-1	1.78	1.98	1.97	1.91	6.07	ppb
Barium	137-1	1.75	1.82	2.05	1.87	8.32	ppb
Beryllium	9-1	0.09	0.07	0.10	0.09	20.12	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	1.77	2.65	2.26	2.23	19.62	ppb
Boron	11-1	2.17	2.36	2.27	2.27	4.35	ppb
Cadmium	111-1	-0.37	-0.23	-0.40	-0.33		ppb
Cadmium	106-1	-4.55	-2.81	-4.73	-4.03		ppb
Cadmium	108-1	-0.01	0.00	0.20	0.06	184.65	ppb
Calcium	43-1	7556.63	7703.14	7971.83	7743.87	2.72	ppb
Calcium	44-1	7994.79	8146.08	8477.90	8206.26	3.01	ppb
Chromium	52-2	0.85	0.93	0.74	0.84	11.49	ppb
Cobalt	59-2	0.05	0.08	0.07	0.07	20.90	ppb
Copper	63-2	0.69	0.82	0.84	0.79	10.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	13.62	14.04	13.85	13.84	1.52	ppb
Iron	57-2	22.94	22.08	20.72	21.92	5.11	ppb
Lead	206-1	0.29	0.30	0.31	0.30	3.69	ppb
Lead	207-1	0.25	0.25	0.26	0.25	3.24	ppb
Lead	208-1	0.27	0.27	0.29	0.28	3.68	ppb
Lithium	6-1				102		%
Magnesium	24-2	4682.15	4954.72	5002.95	4879.94	3.54	ppb
Manganese	55-2	0.77	0.93	0.91	0.87	9.91	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13LX5	Instrumnet Name :	P7
Client Sample ID :	MGA5E3L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 15:37:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.10	0.12	0.13	27.02	ppb
Molybdenum	95-1	0.07	0.09	0.05	0.07	29.74	ppb
Molybdenum	96-1	0.07	0.02	0.07	0.05	51.07	ppb
Molybdenum	97-1	0.10	0.06	0.11	0.09	29.01	ppb
Molybdenum	98-1	0.06	0.05	0.07	0.06	16.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	1.04	1.04	0.94	18.53	ppb
Phosphorus	31-2	47.67	-12.65	3.58	12.87	242.59	ppb
Potassium	39-2	88.13	110.90	118.40	105.81	14.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.64	0.43	-0.14	0.31	130.73	ppb
Selenium	82-1	0.16	-0.95	0.02	-0.26		ppb
Silicon	28-1	822.80	999.76	1446.01	1089.52	29.48	ppb
Silver	109-1	0.04	0.04	0.05	0.04	12.12	ppb
Silver	107-1	0.05	0.06	0.03	0.05	36.66	ppb
Sodium	23-2	365.06	386.01	400.46	383.84	4.64	ppb
Strontium	86-1	4.46	5.05	5.38	4.96	9.46	ppb
Strontium	88-1	5.08	5.03	5.24	5.12	2.12	ppb
Sulfur	34-1	516.11	1001.25	2400.15	1305.84	74.91	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.04	0.02	62.07	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	33.25	ppb
Tin	118-1	-0.05	-0.03	0.02	-0.02		ppb
Titanium	47-1	0.07	0.14	0.04	0.08	63.66	ppb
Uranium	238-1	0.05	0.05	0.06	0.05	9.29	ppb
Vanadium	51-2	0.13	0.19	0.15	0.16	20.84	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2.82	2.33	3.61	2.92	22.17	ppb
Zirconium	90-1	0.02	0.01	0.04	0.02	47.88	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13LX5	Instrumnet Name :	P7
Client Sample ID :	MGA5E3L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 15:37:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.04	0.03	0.02	80.87	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-15	Instrumnet Name :	P7
Client Sample ID :	MGA5E3S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:40:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2177.69	2165.89	2174.92	2172.84	0.28	ppb
Antimony	121-1	108.65	107.90	107.44	108.00	0.56	ppb
Arsenic	75-2	45.27	46.88	43.95	45.36	3.23	ppb
Barium	135-1	2141.42	2155.23	2147.11	2147.92	0.32	ppb
Barium	137-1	2173.21	2169.54	2149.68	2164.14	0.59	ppb
Beryllium	9-1	51.39	50.86	50.56	50.94	0.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	4.02	3.88	4.04	3.98	2.15	ppb
Boron	11-1	4.21	4.06	4.35	4.21	3.50	ppb
Cadmium	111-1	54.63	55.08	53.90	54.54	1.09	ppb
Cadmium	106-1	41.64	37.72	40.01	39.79	4.95	ppb
Cadmium	108-1	41.62	44.80	46.76	44.39	5.84	ppb
Calcium	43-1	39337.47	39513.07	40069.80	39640.11	0.96	ppb
Calcium	44-1	40756.66	40630.62	41277.22	40888.16	0.84	ppb
Chromium	52-2	224.31	224.70	224.26	224.42	0.11	ppb
Cobalt	59-2	565.36	563.02	565.04	564.48	0.22	ppb
Copper	63-2	288.99	288.85	290.71	289.52	0.36	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				110		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	1192.53	1189.18	1184.57	1188.76	0.34	ppb
Iron	57-2	1246.43	1207.53	1231.69	1228.55	1.60	ppb
Lead	206-1	22.44	22.65	22.57	22.56	0.47	ppb
Lead	207-1	22.05	22.30	22.49	22.28	1.01	ppb
Lead	208-1	22.08	22.37	22.27	22.24	0.66	ppb
Lithium	6-1				118		%
Magnesium	24-2	26007.39	25655.62	25951.05	25871.35	0.73	ppb
Manganese	55-2	559.05	553.81	557.62	556.83	0.49	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-15	Instrumnet Name :	P7
Client Sample ID :	MGA5E3S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:40:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.25	0.35	0.30	16.58	ppb
Molybdenum	95-1	0.25	0.15	0.23	0.21	23.62	ppb
Molybdenum	96-1	0.20	0.27	0.27	0.25	14.87	ppb
Molybdenum	97-1	0.15	0.27	0.34	0.25	37.14	ppb
Molybdenum	98-1	0.21	0.19	0.23	0.21	10.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	571.39	572.32	569.93	571.21	0.21	ppb
Phosphorus	31-2	26.57	-15.51	-9.20	0.62	3667.03	ppb
Potassium	39-2	480.82	496.23	467.59	481.54	2.98	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	107.62	140.67	119.56	122.62	13.65	ppb
Selenium	78-2	126.44	121.32	105.75	117.84	9.15	ppb
Selenium	82-1	119.71	116.27	113.20	116.39	2.80	ppb
Silicon	28-1	2625.28	2632.72	2856.66	2704.89	4.86	ppb
Silver	109-1	52.33	52.51	52.45	52.43	0.18	ppb
Silver	107-1	52.28	52.49	52.38	52.38	0.20	ppb
Sodium	23-2	1802.49	1817.66	1795.60	1805.25	0.63	ppb
Strontium	86-1	26.20	26.50	25.52	26.07	1.93	ppb
Strontium	88-1	25.61	25.69	25.68	25.66	0.17	ppb
Sulfur	34-1	544.98	454.52	1135.53	711.67	51.97	ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	52.72	52.76	53.36	52.95	0.68	ppb
Thallium	205-1	52.38	53.24	53.28	52.97	0.96	ppb
Tin	118-1	0.07	0.08	-0.02	0.04	123.52	ppb
Titanium	47-1	0.90	0.80	0.97	0.89	9.43	ppb
Uranium	238-1	0.28	0.29	0.27	0.28	2.99	ppb
Vanadium	51-2	559.78	552.56	556.96	556.43	0.65	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	599.55	597.69	595.18	597.47	0.37	ppb
Zirconium	90-1	0.08	0.09	0.08	0.08	10.63	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-15	Instrumnet Name :	P7
Client Sample ID :	MGA5E3S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:40:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.19	0.11	0.14	30.67	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-12	Instrumnet Name :	P7
Client Sample ID :	MGA5E2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:44:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.34	1.05	2.02	1.80	37.06	ppb
Antimony	121-1	0.16	0.13	0.15	0.15	10.31	ppb
Arsenic	75-2	0.20	0.23	0.17	0.20	16.22	ppb
Barium	135-1	23.71	23.67	23.17	23.52	1.26	ppb
Barium	137-1	23.82	24.07	23.93	23.94	0.53	ppb
Beryllium	9-1	0.13	0.07	0.10	0.10	28.73	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	4.55	4.43	5.09	4.69	7.46	ppb
Boron	11-1	4.38	5.03	5.11	4.84	8.23	ppb
Cadmium	111-1	-0.25	-0.30	-0.30	-0.28		ppb
Cadmium	106-1	-3.11	-4.24	-3.87	-3.74		ppb
Cadmium	108-1	0.11	-0.07	-0.01	0.01	895.06	ppb
Calcium	43-1	59081.22	58939.16	59377.63	59132.67	0.38	ppb
Calcium	44-1	60653.79	60926.94	61364.54	60981.76	0.59	ppb
Chromium	52-2	1.05	1.01	1.24	1.10	11.36	ppb
Cobalt	59-2	0.08	0.09	0.04	0.07	40.50	ppb
Copper	63-2	7.48	7.40	7.34	7.41	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				109		%
Holmium	165-2				96		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	12.29	12.72	11.55	12.19	4.83	ppb
Iron	57-2	72.71	63.71	65.82	67.42	6.98	ppb
Lead	206-1	1.65	1.60	1.51	1.58	4.46	ppb
Lead	207-1	1.49	1.51	1.49	1.50	0.70	ppb
Lead	208-1	1.58	1.53	1.55	1.56	1.65	ppb
Lithium	6-1				115		%
Magnesium	24-2	39478.91	39528.72	39115.97	39374.53	0.57	ppb
Manganese	55-2	0.27	0.46	0.31	0.35	29.55	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-12	Instrumnet Name :	P7
Client Sample ID :	MGA5E2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:44:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.10	0.22	0.16	38.43	ppb
Molybdenum	95-1	0.11	0.10	0.11	0.11	2.11	ppb
Molybdenum	96-1	0.11	0.11	0.08	0.10	19.75	ppb
Molybdenum	97-1	0.14	0.18	0.14	0.15	15.73	ppb
Molybdenum	98-1	0.09	0.09	0.06	0.08	20.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.44	1.22	1.34	8.31	ppb
Phosphorus	31-2	20.77	9.39	-25.63	1.51	1599.39	ppb
Potassium	39-2	422.22	439.53	409.09	423.61	3.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				91		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	7.39	0.00	0.00	2.46	173.21	ppb
Selenium	78-2	-0.69	0.03	1.62	0.32	369.74	ppb
Selenium	82-1	0.08	0.04	-0.44	-0.11		ppb
Silicon	28-1	3036.58	3004.63	3280.53	3107.25	4.86	ppb
Silver	109-1	0.10	0.10	0.05	0.08	34.19	ppb
Silver	107-1	0.08	0.09	0.06	0.08	16.10	ppb
Sodium	23-2	3060.43	3045.70	3019.25	3041.79	0.69	ppb
Strontium	86-1	34.69	34.31	34.91	34.64	0.88	ppb
Strontium	88-1	34.44	34.20	34.27	34.30	0.36	ppb
Sulfur	34-1	1380.33	1501.21	2341.91	1741.15	30.08	ppb
Terbium	159-1				108		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.05	0.04	0.05	18.28	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	7.96	ppb
Tin	118-1	-0.04	-0.01	0.02	-0.01		ppb
Titanium	47-1	0.52	0.41	0.62	0.52	20.17	ppb
Uranium	238-1	0.39	0.39	0.41	0.40	2.69	ppb
Vanadium	51-2	0.57	0.42	0.49	0.49	15.11	ppb
Yttrium	89-1				103		%
Yttrium	89-2				93		%
Zinc	66-2	27.59	28.66	28.40	28.22	1.97	ppb
Zirconium	90-1	0.04	0.03	0.02	0.03	19.31	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-12	Instrumnet Name :	P7
Client Sample ID :	MGA5E2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:44:20	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.09	0.06	0.09	31.17	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-01	Instrumnet Name :	P7
Client Sample ID :	MGA584	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:47:51	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.73	5.17	5.57	5.49	5.33	ppb
Antimony	121-1	0.16	0.19	0.15	0.17	13.00	ppb
Arsenic	75-2	0.19	0.44	0.26	0.30	44.50	ppb
Barium	135-1	44.37	45.60	44.95	44.97	1.36	ppb
Barium	137-1	44.57	45.58	44.28	44.81	1.52	ppb
Beryllium	9-1	0.08	0.09	0.10	0.09	12.29	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	5.25	6.09	5.20	5.51	9.06	ppb
Boron	11-1	5.18	5.76	5.80	5.58	6.27	ppb
Cadmium	111-1	-0.19	-0.18	-0.19	-0.19		ppb
Cadmium	106-1	-2.49	-1.96	-2.40	-2.28		ppb
Cadmium	108-1	-0.01	0.18	0.05	0.07	130.03	ppb
Calcium	43-1	31313.93	31335.75	31193.54	31281.07	0.24	ppb
Calcium	44-1	32606.94	32619.20	32653.26	32626.46	0.07	ppb
Chromium	52-2	0.14	0.08	0.10	0.10	27.48	ppb
Cobalt	59-2	0.10	0.10	0.13	0.11	15.87	ppb
Copper	63-2	0.98	0.91	1.02	0.97	5.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	15.87	14.52	13.76	14.71	7.25	ppb
Iron	57-2	47.46	41.74	43.89	44.36	6.51	ppb
Lead	206-1	0.12	0.13	0.11	0.12	10.33	ppb
Lead	207-1	0.12	0.13	0.09	0.11	20.56	ppb
Lead	208-1	0.13	0.12	0.11	0.12	5.48	ppb
Lithium	6-1				114		%
Magnesium	24-2	20746.77	20726.19	20741.66	20738.21	0.05	ppb
Manganese	55-2	4.87	5.21	5.34	5.14	4.71	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-01	Instrumnet Name :	P7
Client Sample ID :	MGA584	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:47:51	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.22	0.13	0.19	25.57	ppb
Molybdenum	95-1	0.19	0.21	0.16	0.18	14.12	ppb
Molybdenum	96-1	0.21	0.13	0.18	0.17	21.54	ppb
Molybdenum	97-1	0.24	0.22	0.24	0.23	5.54	ppb
Molybdenum	98-1	0.12	0.20	0.15	0.16	26.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.73	0.86	0.79	8.81	ppb
Phosphorus	31-2	1.24	-29.11	-26.24	-18.04		ppb
Potassium	39-2	1377.97	1361.94	1388.39	1376.10	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	1.75	0.00	0.58	173.21	ppb
Selenium	78-2	-0.46	-0.46	0.72	-0.07		ppb
Selenium	82-1	-1.37	-0.37	-1.36	-1.03		ppb
Silicon	28-1	2465.22	2532.01	2542.31	2513.18	1.67	ppb
Silver	109-1	0.09	0.10	0.08	0.09	7.21	ppb
Silver	107-1	0.06	0.06	0.08	0.07	11.82	ppb
Sodium	23-2	2924.00	2914.17	2901.77	2913.32	0.38	ppb
Strontium	86-1	34.06	32.00	33.74	33.26	3.34	ppb
Strontium	88-1	33.22	32.82	33.23	33.09	0.71	ppb
Sulfur	34-1	1507.13	1484.61	1215.49	1402.41	11.57	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.01	0.01	44.92	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	56.33	ppb
Tin	118-1	-0.06	-0.03	-0.04	-0.04		ppb
Titanium	47-1	0.34	0.46	0.43	0.41	14.85	ppb
Uranium	238-1	0.35	0.35	0.36	0.35	0.44	ppb
Vanadium	51-2	0.75	0.80	0.72	0.75	5.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	4.65	4.33	4.05	4.34	6.88	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	6.72	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-01	Instrumnet Name :	P7
Client Sample ID :	MGA584	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:47:51	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	-0.01	0.05	0.03	100.37	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-02	Instrumnet Name :	P7
Client Sample ID :	MGA585	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:51:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.24	23.43	21.12	20.26	18.11	ppb
Antimony	121-1	0.19	0.22	0.23	0.21	8.77	ppb
Arsenic	75-2	0.43	0.59	0.33	0.45	29.37	ppb
Barium	135-1	33.14	33.30	33.00	33.15	0.45	ppb
Barium	137-1	32.28	33.27	33.14	32.90	1.63	ppb
Beryllium	9-1	0.06	0.07	0.09	0.07	22.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	5.98	5.48	4.58	5.35	13.28	ppb
Boron	11-1	5.70	5.69	6.11	5.83	4.03	ppb
Cadmium	111-1	-0.29	-0.07	-0.12	-0.16		ppb
Cadmium	106-1	-3.58	-1.09	-1.36	-2.01		ppb
Cadmium	108-1	0.05	-0.13	0.05	-0.01		ppb
Calcium	43-1	60561.72	60732.04	60792.79	60695.52	0.20	ppb
Calcium	44-1	62430.40	63062.89	63263.20	62918.83	0.69	ppb
Chromium	52-2	0.17	0.15	0.15	0.16	4.26	ppb
Cobalt	59-2	3.03	3.00	3.06	3.03	1.00	ppb
Copper	63-2	3.15	3.09	3.26	3.16	2.73	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				108		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	17.33	18.52	17.55	17.80	3.56	ppb
Iron	57-2	66.05	76.12	71.98	71.38	7.09	ppb
Lead	206-1	1.13	1.05	0.94	1.04	9.03	ppb
Lead	207-1	0.89	0.87	0.88	0.88	1.06	ppb
Lead	208-1	0.95	0.95	0.91	0.94	2.11	ppb
Lithium	6-1				113		%
Magnesium	24-2	43181.20	43389.59	42415.55	42995.45	1.19	ppb
Manganese	55-2	10.63	10.46	10.40	10.50	1.12	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-02	Instrumnet Name :	P7
Client Sample ID :	MGA585	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:51:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.63	0.70	0.67	0.67	4.89	ppb
Molybdenum	95-1	0.76	0.67	0.67	0.70	7.29	ppb
Molybdenum	96-1	0.79	0.65	0.68	0.71	9.94	ppb
Molybdenum	97-1	0.78	0.79	0.91	0.83	8.55	ppb
Molybdenum	98-1	0.74	0.60	0.75	0.70	11.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	2.43	2.22	2.23	9.28	ppb
Phosphorus	31-2	-31.20	-23.91	25.45	-9.88		ppb
Potassium	39-2	971.11	964.41	953.69	963.07	0.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.00	1.76	3.53	1.76	99.98	ppb
Selenium	78-2	0.45	-0.74	1.33	0.35	299.83	ppb
Selenium	82-1	-1.34	-0.94	0.19	-0.70		ppb
Silicon	28-1	2602.34	2754.20	2819.68	2725.41	4.09	ppb
Silver	109-1	0.08	0.08	0.07	0.08	8.61	ppb
Silver	107-1	0.06	0.07	0.09	0.07	18.53	ppb
Sodium	23-2	3097.88	3123.45	3085.35	3102.22	0.63	ppb
Strontium	86-1	49.71	48.97	50.24	49.64	1.29	ppb
Strontium	88-1	49.43	49.28	49.02	49.25	0.42	ppb
Sulfur	34-1	34143.24	34852.20	35102.00	34699.15	1.43	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.01	0.01	32.36	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.25	ppb
Tin	118-1	-0.06	-0.04	-0.01	-0.04		ppb
Titanium	47-1	0.68	0.80	0.60	0.70	14.05	ppb
Uranium	238-1	0.89	0.82	0.86	0.86	4.01	ppb
Vanadium	51-2	1.04	0.95	0.89	0.96	7.66	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1.66	1.54	1.21	1.47	15.95	ppb
Zirconium	90-1	0.05	0.07	0.06	0.06	17.20	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-02	Instrumnet Name :	P7
Client Sample ID :	MGA585	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:51:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.05	0.09	0.08	28.91	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-03	Instrumnet Name :	P7
Client Sample ID :	MGA586	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:54:55	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.51	17.43	21.21	19.72	10.21	ppb
Antimony	121-1	0.23	0.24	0.20	0.22	10.16	ppb
Arsenic	75-2	0.57	0.57	0.42	0.52	16.88	ppb
Barium	135-1	32.38	32.66	32.63	32.56	0.46	ppb
Barium	137-1	33.07	32.51	33.68	33.09	1.77	ppb
Beryllium	9-1	0.04	0.07	0.09	0.07	34.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	6.82	4.64	5.85	5.77	18.95	ppb
Boron	11-1	5.64	5.79	5.96	5.80	2.76	ppb
Cadmium	111-1	-0.12	-0.12	-0.37	-0.20		ppb
Cadmium	106-1	-1.59	-1.52	-4.85	-2.65		ppb
Cadmium	108-1	-0.07	0.12	-0.07	-0.01		ppb
Calcium	43-1	61346.71	61506.42	61308.18	61387.10	0.17	ppb
Calcium	44-1	63222.91	63289.92	63316.50	63276.45	0.08	ppb
Chromium	52-2	1.06	1.08	1.07	1.07	0.81	ppb
Cobalt	59-2	3.00	3.07	3.15	3.07	2.43	ppb
Copper	63-2	3.05	3.10	2.98	3.04	2.07	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				108		%
Holmium	165-2				95		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	20.65	21.15	20.53	20.78	1.59	ppb
Iron	57-2	73.98	80.30	81.64	78.64	5.21	ppb
Lead	206-1	1.05	0.98	1.03	1.02	3.48	ppb
Lead	207-1	0.80	0.85	0.82	0.82	3.17	ppb
Lead	208-1	0.91	0.93	0.92	0.92	0.90	ppb
Lithium	6-1				113		%
Magnesium	24-2	43640.03	44197.46	43482.67	43773.39	0.86	ppb
Manganese	55-2	10.79	11.41	10.88	11.03	3.03	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-03	Instrumnet Name :	P7
Client Sample ID :	MGA586	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:54:55	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.58	0.63	0.64	0.62	5.64	ppb
Molybdenum	95-1	0.75	0.86	0.74	0.78	8.39	ppb
Molybdenum	96-1	0.69	0.73	0.77	0.73	5.72	ppb
Molybdenum	97-1	0.87	0.87	0.88	0.88	0.94	ppb
Molybdenum	98-1	0.66	0.78	0.79	0.74	9.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.83	3.23	2.65	2.91	10.22	ppb
Phosphorus	31-2	-10.55	-24.60	-0.73	-11.96		ppb
Potassium	39-2	990.59	1002.38	977.04	990.00	1.28	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				90		%
Selenium	77-2	1.91	5.86	0.00	2.59	115.50	ppb
Selenium	78-2	-0.65	-1.27	1.41	-0.17		ppb
Selenium	82-1	-0.64	-1.12	-0.51	-0.76		ppb
Silicon	28-1	2741.72	2685.87	2751.40	2726.33	1.30	ppb
Silver	109-1	0.08	0.07	0.05	0.07	24.41	ppb
Silver	107-1	0.06	0.08	0.07	0.07	11.43	ppb
Sodium	23-2	3098.60	3145.89	3070.19	3104.89	1.23	ppb
Strontium	86-1	50.27	50.54	50.00	50.27	0.54	ppb
Strontium	88-1	49.67	49.30	50.03	49.66	0.74	ppb
Sulfur	34-1	34617.90	34653.51	34754.08	34675.16	0.20	ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.02	0.01	0.01	37.04	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	29.69	ppb
Tin	118-1	-0.05	-0.04	-0.06	-0.05		ppb
Titanium	47-1	0.62	0.66	0.73	0.67	8.66	ppb
Uranium	238-1	0.85	0.84	0.88	0.86	2.72	ppb
Vanadium	51-2	1.03	1.12	1.15	1.10	5.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	2.27	2.50	2.35	2.37	4.95	ppb
Zirconium	90-1	0.06	0.07	0.05	0.06	22.09	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-03	Instrumnet Name :	P7
Client Sample ID :	MGA586	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:54:55	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.07	0.07	0.08	13.39	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-04	Instrumnet Name :	P7
Client Sample ID :	MGA587	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:58:27	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.15	9.88	6.27	8.43	22.59	ppb
Antimony	121-1	0.20	0.17	0.17	0.18	9.14	ppb
Arsenic	75-2	0.19	0.33	0.25	0.26	27.98	ppb
Barium	135-1	28.00	26.95	27.89	27.61	2.09	ppb
Barium	137-1	27.53	27.45	27.47	27.48	0.14	ppb
Beryllium	9-1	0.06	0.02	0.05	0.04	53.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	5.68	5.05	5.32	5.35	5.93	ppb
Boron	11-1	5.93	5.77	5.76	5.82	1.64	ppb
Cadmium	111-1	-0.08	-0.24	-0.30	-0.21		ppb
Cadmium	106-1	-1.08	-3.13	-3.89	-2.70		ppb
Cadmium	108-1	-0.13	0.05	-0.13	-0.07		ppb
Calcium	43-1	63828.60	63788.69	64093.28	63903.52	0.26	ppb
Calcium	44-1	65858.55	66069.37	66539.48	66155.80	0.53	ppb
Chromium	52-2	0.19	0.18	0.16	0.17	8.33	ppb
Cobalt	59-2	3.06	3.11	3.05	3.07	0.97	ppb
Copper	63-2	2.23	2.42	2.42	2.35	4.75	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				108		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	11.06	11.70	11.07	11.28	3.23	ppb
Iron	57-2	66.33	64.64	75.59	68.85	8.57	ppb
Lead	206-1	0.86	0.78	0.87	0.84	5.67	ppb
Lead	207-1	0.70	0.69	0.73	0.71	2.90	ppb
Lead	208-1	0.77	0.76	0.77	0.77	1.24	ppb
Lithium	6-1				112		%
Magnesium	24-2	42120.02	42771.50	42820.84	42570.79	0.92	ppb
Manganese	55-2	6.78	7.00	6.85	6.88	1.58	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-04	Instrumnet Name :	P7
Client Sample ID :	MGA587	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:58:27	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.45	0.29	0.39	0.38	22.52	ppb
Molybdenum	95-1	0.50	0.54	0.53	0.53	3.95	ppb
Molybdenum	96-1	0.56	0.42	0.44	0.47	16.64	ppb
Molybdenum	97-1	0.57	0.56	0.43	0.52	14.83	ppb
Molybdenum	98-1	0.50	0.54	0.48	0.51	6.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.88	1.64	1.98	1.83	9.62	ppb
Phosphorus	31-2	-3.79	-1.83	-17.95	-7.86		ppb
Potassium	39-2	920.71	949.24	939.51	936.49	1.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	1.77	1.79	0.00	1.19	86.60	ppb
Selenium	78-2	1.96	-0.73	0.16	0.46	294.32	ppb
Selenium	82-1	-0.06	0.19	-0.57	-0.15		ppb
Silicon	28-1	2970.06	2925.94	3027.22	2974.41	1.71	ppb
Silver	109-1	0.05	0.06	0.06	0.06	6.36	ppb
Silver	107-1	0.06	0.05	0.08	0.07	23.25	ppb
Sodium	23-2	2737.61	2774.82	2769.28	2760.57	0.73	ppb
Strontium	86-1	43.49	43.74	43.44	43.56	0.37	ppb
Strontium	88-1	43.37	42.95	42.98	43.10	0.53	ppb
Sulfur	34-1	34863.15	34514.59	35206.80	34861.51	0.99	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	11.33	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.58	ppb
Tin	118-1	-0.04	-0.07	-0.05	-0.05		ppb
Titanium	47-1	0.37	0.56	0.60	0.51	24.79	ppb
Uranium	238-1	0.71	0.71	0.69	0.70	1.17	ppb
Vanadium	51-2	0.90	0.90	1.02	0.94	7.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	2.70	2.27	3.02	2.67	13.99	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.99	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-04	Instrumnet Name :	P7
Client Sample ID :	MGA587	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:58:27	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.07	0.10	0.07	29.94	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-05	Instrumnet Name :	P7
Client Sample ID :	MGA588	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:01:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	159.33	156.70	155.25	157.09	1.32	ppb
Antimony	121-1	0.23	0.26	0.24	0.24	6.08	ppb
Arsenic	75-2	0.78	0.35	0.57	0.57	37.88	ppb
Barium	135-1	45.16	46.35	44.93	45.48	1.67	ppb
Barium	137-1	46.56	45.47	45.84	45.96	1.20	ppb
Beryllium	9-1	0.05	0.10	0.08	0.08	37.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	10-1	7.17	5.74	6.01	6.31	12.10	ppb
Boron	11-1	7.06	7.16	7.79	7.34	5.40	ppb
Cadmium	111-1	-0.14	-0.24	-0.29	-0.22		ppb
Cadmium	106-1	-2.24	-3.27	-3.82	-3.11		ppb
Cadmium	108-1	-0.01	-0.01	-0.07	-0.03		ppb
Calcium	43-1	64101.90	63745.22	64217.40	64021.50	0.38	ppb
Calcium	44-1	66228.80	66152.49	66527.78	66303.03	0.30	ppb
Chromium	52-2	0.31	0.37	0.35	0.34	8.69	ppb
Cobalt	59-2	2.93	2.82	2.86	2.87	1.97	ppb
Copper	63-2	4.26	4.02	4.02	4.10	3.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				93		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	126.49	130.39	131.59	129.49	2.06	ppb
Iron	57-2	177.65	176.53	184.49	179.55	2.40	ppb
Lead	206-1	4.19	4.29	4.32	4.26	1.57	ppb
Lead	207-1	3.50	3.59	3.44	3.51	2.13	ppb
Lead	208-1	3.74	3.83	3.83	3.80	1.34	ppb
Lithium	6-1				111		%
Magnesium	24-2	42694.85	42394.64	42271.72	42453.74	0.51	ppb
Manganese	55-2	61.27	60.23	60.06	60.52	1.08	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-05	Instrumnet Name :	P7
Client Sample ID :	MGA588	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:01:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.97	0.84	1.06	0.96	11.27	ppb
Molybdenum	95-1	0.92	1.01	0.91	0.95	5.63	ppb
Molybdenum	96-1	1.05	0.92	1.08	1.02	8.11	ppb
Molybdenum	97-1	1.18	1.12	0.99	1.10	8.79	ppb
Molybdenum	98-1	0.94	0.98	0.99	0.97	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.71	3.70	3.78	3.73	1.10	ppb
Phosphorus	31-2	25.54	13.78	-16.75	7.52	290.23	ppb
Potassium	39-2	1410.40	1403.55	1366.85	1393.60	1.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	5.96	3.98	1.82	3.92	52.89	ppb
Selenium	78-2	1.08	0.08	-0.40	0.25	300.53	ppb
Selenium	82-1	-0.82	-0.73	0.02	-0.51		ppb
Silicon	28-1	2525.07	2547.64	2728.26	2600.32	4.28	ppb
Silver	109-1	0.09	0.07	0.04	0.07	31.01	ppb
Silver	107-1	0.06	0.04	0.07	0.06	20.92	ppb
Sodium	23-2	3744.06	3673.88	3717.33	3711.76	0.95	ppb
Strontium	86-1	49.22	49.16	50.14	49.51	1.10	ppb
Strontium	88-1	48.90	48.59	49.30	48.93	0.74	ppb
Sulfur	34-1	31382.18	31172.65	31631.48	31395.44	0.73	ppb
Terbium	159-1				106		%
Terbium	159-2				93		%
Thallium	203-1	0.04	0.03	0.04	0.04	12.02	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.87	ppb
Tin	118-1	-0.03	-0.06	-0.03	-0.04		ppb
Titanium	47-1	2.75	2.63	3.78	3.05	20.71	ppb
Uranium	238-1	1.12	1.07	1.07	1.08	2.63	ppb
Vanadium	51-2	1.29	1.34	1.25	1.29	3.65	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	3.94	3.62	3.48	3.68	6.44	ppb
Zirconium	90-1	0.24	0.16	0.31	0.23	32.90	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-05	Instrumnet Name :	P7
Client Sample ID :	MGA588	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:01:59	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.22	0.20	0.21	4.11	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06	Instrumnet Name :	P7
Client Sample ID :	MGA589	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:05:31	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.54	9.83	8.06	9.14	10.36	ppb
Antimony	121-1	0.27	0.20	0.19	0.22	20.80	ppb
Arsenic	75-2	0.17	0.13	0.20	0.17	18.91	ppb
Barium	135-1	20.54	19.20	20.10	19.95	3.41	ppb
Barium	137-1	19.77	20.08	20.78	20.21	2.56	ppb
Beryllium	9-1	0.07	0.03	0.07	0.06	39.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	4.82	5.38	5.74	5.31	8.72	ppb
Boron	11-1	5.75	6.03	6.33	6.04	4.81	ppb
Cadmium	111-1	-0.36	-0.41	-0.32	-0.36		ppb
Cadmium	106-1	-4.97	-5.07	-4.20	-4.75		ppb
Cadmium	108-1	-0.07	0.12	-0.13	-0.03		ppb
Calcium	43-1	68611.57	68950.12	68713.49	68758.39	0.25	ppb
Calcium	44-1	70864.02	71302.02	70877.15	71014.40	0.35	ppb
Chromium	52-2	0.31	0.27	0.26	0.28	9.68	ppb
Cobalt	59-2	3.36	3.03	3.32	3.24	5.56	ppb
Copper	63-2	1.51	1.59	1.62	1.58	3.60	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				106		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	18.32	18.27	18.24	18.28	0.23	ppb
Iron	57-2	81.82	77.50	85.55	81.63	4.93	ppb
Lead	206-1	1.10	1.06	1.06	1.07	2.05	ppb
Lead	207-1	0.82	0.92	0.83	0.86	6.09	ppb
Lead	208-1	0.95	0.95	0.94	0.95	1.00	ppb
Lithium	6-1				110		%
Magnesium	24-2	42919.67	43071.58	43213.34	43068.19	0.34	ppb
Manganese	55-2	2.33	2.42	2.67	2.47	7.13	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06	Instrumnet Name :	P7
Client Sample ID :	MGA589	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:05:31	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.13	0.10	24.74	ppb
Molybdenum	95-1	0.09	0.08	0.03	0.07	45.17	ppb
Molybdenum	96-1	0.08	0.02	0.06	0.05	61.03	ppb
Molybdenum	97-1	0.12	0.07	0.13	0.11	31.58	ppb
Molybdenum	98-1	0.05	0.06	0.04	0.05	20.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	1.76	1.55	1.59	9.09	ppb
Phosphorus	31-2	-35.45	-12.68	-29.96	-26.03		ppb
Potassium	39-2	863.18	848.22	856.15	855.85	0.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	1.80	0.00	0.00	0.60	173.21	ppb
Selenium	78-2	-0.72	0.22	-0.39	-0.30		ppb
Selenium	82-1	-0.56	-1.02	-1.75	-1.11		ppb
Silicon	28-1	3102.12	3223.59	3076.00	3133.90	2.51	ppb
Silver	109-1	0.05	0.08	0.09	0.07	28.73	ppb
Silver	107-1	0.05	0.04	0.06	0.05	14.19	ppb
Sodium	23-2	2529.65	2521.08	2545.07	2531.93	0.48	ppb
Strontium	86-1	42.98	43.91	41.87	42.92	2.39	ppb
Strontium	88-1	43.05	42.90	42.61	42.86	0.52	ppb
Sulfur	34-1	34398.60	34008.82	34041.76	34149.72	0.63	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.01	0.01	50.25	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	728.47	ppb
Tin	118-1	0.05	0.05	0.03	0.04	20.31	ppb
Titanium	47-1	0.64	0.79	0.69	0.70	10.68	ppb
Uranium	238-1	0.49	0.50	0.49	0.50	1.36	ppb
Vanadium	51-2	0.89	0.98	1.02	0.96	6.83	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	1.80	1.77	1.83	1.80	1.59	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	10.73	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06	Instrumnet Name :	P7
Client Sample ID :	MGA589	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:05:31	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.08	0.05	63.71	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-07	Instrumnet Name :	P7
Client Sample ID :	MGA589D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:09:04	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.08	8.94	7.09	8.37	13.25	ppb
Antimony	121-1	0.17	0.20	0.20	0.19	11.41	ppb
Arsenic	75-2	0.15	0.21	0.26	0.21	25.57	ppb
Barium	135-1	20.69	19.34	20.22	20.08	3.43	ppb
Barium	137-1	20.33	19.66	20.07	20.02	1.68	ppb
Beryllium	9-1	0.06	0.03	0.07	0.05	42.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	5.33	5.39	5.06	5.26	3.29	ppb
Boron	11-1	5.89	5.47	6.17	5.84	6.01	ppb
Cadmium	111-1	-0.07	-0.30	-0.30	-0.22		ppb
Cadmium	106-1	-0.79	-3.85	-3.76	-2.80		ppb
Cadmium	108-1	0.12	0.12	0.06	0.10	36.08	ppb
Calcium	43-1	68641.65	68627.46	68852.89	68707.33	0.18	ppb
Calcium	44-1	71003.27	71025.58	71111.33	71046.73	0.08	ppb
Chromium	52-2	0.29	0.27	0.28	0.28	3.00	ppb
Cobalt	59-2	3.26	3.21	3.40	3.29	2.96	ppb
Copper	63-2	1.54	1.58	1.51	1.54	2.21	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				107		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	18.16	17.63	18.45	18.08	2.31	ppb
Iron	57-2	71.80	75.00	78.02	74.94	4.15	ppb
Lead	206-1	1.03	0.99	1.12	1.05	6.15	ppb
Lead	207-1	0.83	0.84	0.81	0.82	2.24	ppb
Lead	208-1	0.92	0.91	0.93	0.92	0.79	ppb
Lithium	6-1				110		%
Magnesium	24-2	43297.75	42564.18	42750.91	42870.94	0.89	ppb
Manganese	55-2	2.43	2.81	2.61	2.62	7.23	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-07	Instrumnet Name :	P7
Client Sample ID :	MGA589D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:09:04	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.01	0.13	0.06	102.45	ppb
Molybdenum	95-1	0.08	0.05	0.07	0.07	21.31	ppb
Molybdenum	96-1	0.08	0.04	0.09	0.07	39.13	ppb
Molybdenum	97-1	0.05	0.09	0.04	0.06	46.30	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.05	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	1.94	1.71	1.81	6.54	ppb
Phosphorus	31-2	-30.36	-28.54	29.30	-9.87		ppb
Potassium	39-2	872.99	837.68	828.78	846.48	2.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	5.47	1.81	0.00	2.43	114.79	ppb
Selenium	78-2	-1.01	1.74	0.55	0.43	322.89	ppb
Selenium	82-1	-0.87	-0.74	-0.22	-0.61		ppb
Silicon	28-1	3044.26	3092.95	3088.10	3075.10	0.87	ppb
Silver	109-1	0.05	0.07	0.09	0.07	27.15	ppb
Silver	107-1	0.05	0.03	0.06	0.05	31.07	ppb
Sodium	23-2	2531.29	2492.94	2506.42	2510.22	0.78	ppb
Strontium	86-1	42.53	42.45	43.21	42.73	0.98	ppb
Strontium	88-1	43.03	43.05	42.80	42.96	0.32	ppb
Sulfur	34-1	33628.03	33931.45	33979.78	33846.42	0.56	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	15.27	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	0.00	-0.07	-0.03		ppb
Titanium	47-1	0.74	0.93	0.74	0.80	13.64	ppb
Uranium	238-1	0.48	0.51	0.50	0.49	3.07	ppb
Vanadium	51-2	0.87	1.08	1.07	1.01	11.92	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	1.86	1.18	2.14	1.73	28.78	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	63.19	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-07	Instrumnet Name :	P7
Client Sample ID :	MGA589D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:09:04	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.02	0.05	0.06	57.38	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA589L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:12:36	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.04	1.81	1.68	2.17	34.57	ppb
Antimony	121-1	0.02	0.04	0.03	0.03	42.47	ppb
Arsenic	75-2	0.01	0.05	0.08	0.05	71.29	ppb
Barium	135-1	4.31	3.58	4.05	3.98	9.33	ppb
Barium	137-1	4.02	3.80	3.76	3.86	3.57	ppb
Beryllium	9-1	0.07	0.07	0.04	0.06	31.45	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	2.06	1.53	2.04	1.88	15.83	ppb
Boron	11-1	1.78	2.17	2.03	1.99	10.11	ppb
Cadmium	111-1	-0.09	-0.20	-0.04	-0.11		ppb
Cadmium	106-1	-1.22	-2.20	-0.47	-1.30		ppb
Cadmium	108-1	0.00	0.07	-0.07	0.00	2140.62	ppb
Calcium	43-1	13489.05	13563.25	13306.25	13452.85	0.98	ppb
Calcium	44-1	14193.64	14447.02	14251.13	14297.26	0.93	ppb
Chromium	52-2	0.06	0.06	0.11	0.08	43.10	ppb
Cobalt	59-2	0.60	0.66	0.61	0.62	4.67	ppb
Copper	63-2	0.54	0.71	0.83	0.69	21.28	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				99		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	5.67	6.09	6.51	6.09	6.92	ppb
Iron	57-2	19.33	14.02	14.52	15.95	18.40	ppb
Lead	206-1	0.27	0.23	0.20	0.23	14.52	ppb
Lead	207-1	0.21	0.22	0.18	0.21	9.90	ppb
Lead	208-1	0.22	0.21	0.19	0.21	7.52	ppb
Lithium	6-1				96		%
Magnesium	24-2	8109.53	8198.54	8214.43	8174.17	0.69	ppb
Manganese	55-2	0.55	0.53	0.61	0.56	7.37	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA589L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:12:36	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.02	0.08	0.06	54.34	ppb
Molybdenum	95-1	0.02	0.02	-0.01	0.01	168.79	ppb
Molybdenum	96-1	0.01	0.03	0.02	0.02	44.78	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	1.42	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	498.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.61	1.27	1.42	1.43	11.71	ppb
Phosphorus	31-2	-26.57	40.21	19.98	11.20	305.62	ppb
Potassium	39-2	186.72	179.88	192.37	186.32	3.36	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.34	-0.66	0.30	-0.23		ppb
Selenium	82-1	-0.09	-0.17	-1.83	-0.70		ppb
Silicon	28-1	1227.29	1355.85	1194.16	1259.10	6.78	ppb
Silver	109-1	0.02	0.03	0.04	0.03	36.08	ppb
Silver	107-1	0.01	0.02	0.03	0.02	35.94	ppb
Sodium	23-2	513.69	519.20	515.45	516.11	0.54	ppb
Strontium	86-1	8.24	8.72	8.54	8.50	2.85	ppb
Strontium	88-1	8.22	8.29	8.25	8.25	0.42	ppb
Sulfur	34-1	8601.17	9060.49	8538.09	8733.25	3.27	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.01	0.01	26.06	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	394.07	ppb
Tin	118-1	-0.06	-0.06	-0.04	-0.05		ppb
Titanium	47-1	0.03	0.09	0.19	0.10	76.66	ppb
Uranium	238-1	0.09	0.10	0.09	0.09	7.18	ppb
Vanadium	51-2	0.32	0.34	0.33	0.33	2.68	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	0.38	-0.06	0.73	0.35	112.56	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	29.77	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA589L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:12:36	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.07	0.02	0.04	59.19	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-08	Instrumnet Name :	P7
Client Sample ID :	MGA589S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2050.39	2094.72	2047.01	2064.04	1.29	ppb
Antimony	121-1	103.94	103.72	103.11	103.59	0.41	ppb
Arsenic	75-2	42.27	43.85	44.08	43.40	2.27	ppb
Barium	135-1	2057.35	2050.13	2053.94	2053.81	0.18	ppb
Barium	137-1	2070.69	2068.65	2060.00	2066.45	0.27	ppb
Beryllium	9-1	49.04	48.13	50.29	49.15	2.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	4.98	5.97	4.86	5.27	11.57	ppb
Boron	11-1	5.74	5.60	5.93	5.76	2.84	ppb
Cadmium	111-1	51.55	52.28	50.16	51.33	2.10	ppb
Cadmium	106-1	37.03	38.18	35.98	37.06	2.97	ppb
Cadmium	108-1	41.62	40.96	41.43	41.34	0.82	ppb
Calcium	43-1	69359.60	68608.10	69312.48	69093.39	0.61	ppb
Calcium	44-1	70788.93	71156.33	71924.34	71289.87	0.81	ppb
Chromium	52-2	213.53	215.14	213.67	214.11	0.42	ppb
Cobalt	59-2	539.31	546.55	539.07	541.64	0.78	ppb
Copper	63-2	273.37	276.93	272.82	274.37	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	1097.89	1110.97	1100.92	1103.26	0.62	ppb
Iron	57-2	1153.38	1182.84	1141.00	1159.08	1.85	ppb
Lead	206-1	21.71	21.51	21.91	21.71	0.93	ppb
Lead	207-1	21.39	21.23	21.18	21.27	0.51	ppb
Lead	208-1	21.53	21.37	21.37	21.42	0.42	ppb
Lithium	6-1				108		%
Magnesium	24-2	42794.19	43154.18	42490.30	42812.89	0.78	ppb
Manganese	55-2	527.38	531.98	532.83	530.73	0.55	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-08	Instrumnet Name :	P7
Client Sample ID :	MGA589S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.13	0.11	0.12	6.92	ppb
Molybdenum	95-1	0.04	0.07	0.08	0.06	28.00	ppb
Molybdenum	96-1	0.10	0.13	0.15	0.13	23.22	ppb
Molybdenum	97-1	0.01	0.08	0.07	0.05	63.26	ppb
Molybdenum	98-1	0.06	0.06	0.10	0.07	34.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.75	548.62	542.95	544.11	0.75	ppb
Phosphorus	31-2	-1.00	34.20	1.22	11.47	171.78	ppb
Potassium	39-2	870.97	875.95	830.20	859.04	2.92	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	118.96	145.56	106.95	123.82	15.96	ppb
Selenium	78-2	106.06	112.47	104.24	107.59	4.02	ppb
Selenium	82-1	113.48	111.59	112.07	112.38	0.87	ppb
Silicon	28-1	3061.80	3131.34	3222.69	3138.61	2.57	ppb
Silver	109-1	49.00	48.84	48.81	48.88	0.21	ppb
Silver	107-1	49.25	48.80	48.87	48.98	0.50	ppb
Sodium	23-2	2508.81	2580.46	2520.26	2536.51	1.52	ppb
Strontium	86-1	43.54	44.61	42.94	43.70	1.94	ppb
Strontium	88-1	43.34	43.01	43.18	43.18	0.38	ppb
Sulfur	34-1	33895.89	33387.08	34259.60	33847.52	1.29	ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	51.60	50.85	51.64	51.37	0.86	ppb
Thallium	205-1	51.18	51.11	51.62	51.31	0.54	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.76	0.98	0.57	0.77	26.57	ppb
Uranium	238-1	0.51	0.50	0.51	0.50	1.49	ppb
Vanadium	51-2	530.75	531.48	531.60	531.28	0.09	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	547.85	557.62	552.20	552.56	0.89	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	18.04	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-08	Instrumnet Name :	P7
Client Sample ID :	MGA589S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.06	0.10	0.09	24.50	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-01	Instrumnet Name :	P7
Client Sample ID :	MGA591	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:19:38	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.73	4.05	4.14	4.31	8.53	ppb
Antimony	121-1	0.17	0.16	0.20	0.18	11.57	ppb
Arsenic	75-2	0.34	0.34	0.33	0.34	1.25	ppb
Barium	135-1	45.76	44.52	44.15	44.81	1.89	ppb
Barium	137-1	45.44	44.08	45.15	44.89	1.60	ppb
Beryllium	9-1	0.05	0.12	0.11	0.09	40.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	5.58	5.15	5.63	5.45	4.81	ppb
Boron	11-1	5.73	5.12	5.86	5.57	7.16	ppb
Cadmium	111-1	-0.12	-0.54	-0.52	-0.39		ppb
Cadmium	106-1	-1.26	-6.43	-6.28	-4.66		ppb
Cadmium	108-1	0.12	0.18	0.06	0.12	52.57	ppb
Calcium	43-1	31819.68	31819.48	31961.33	31866.83	0.26	ppb
Calcium	44-1	32995.73	33141.67	33275.02	33137.48	0.42	ppb
Chromium	52-2	0.28	0.21	0.28	0.26	16.21	ppb
Cobalt	59-2	0.13	0.12	0.15	0.14	10.61	ppb
Copper	63-2	1.47	1.52	1.87	1.62	13.50	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				107		%
Holmium	165-2				94		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	9.40	9.44	11.25	10.03	10.56	ppb
Iron	57-2	40.86	39.05	46.84	42.25	9.65	ppb
Lead	206-1	0.11	0.12	0.12	0.12	3.63	ppb
Lead	207-1	0.10	0.11	0.09	0.10	9.00	ppb
Lead	208-1	0.10	0.10	0.10	0.10	1.58	ppb
Lithium	6-1				106		%
Magnesium	24-2	21053.12	21207.89	25079.03	22446.68	10.16	ppb
Manganese	55-2	3.86	4.13	5.00	4.33	13.77	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-01	Instrumnet Name :	P7
Client Sample ID :	MGA591	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:19:38	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.19	0.23	0.22	10.07	ppb
Molybdenum	95-1	0.20	0.18	0.13	0.17	19.22	ppb
Molybdenum	96-1	0.17	0.19	0.19	0.18	5.62	ppb
Molybdenum	97-1	0.16	0.22	0.21	0.20	14.98	ppb
Molybdenum	98-1	0.16	0.21	0.13	0.17	23.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	1.89	2.84	2.30	21.00	ppb
Phosphorus	31-2	-30.19	-10.36	3.30	-12.42		ppb
Potassium	39-2	1362.31	1393.85	1664.72	1473.63	11.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	9.16	1.83	8.63	6.54	62.45	ppb
Selenium	78-2	-0.70	-0.69	0.25	-0.38		ppb
Selenium	82-1	-0.47	-0.59	-1.11	-0.72		ppb
Silicon	28-1	2184.78	2123.57	2336.62	2214.99	4.95	ppb
Silver	109-1	0.07	0.07	0.06	0.07	10.34	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.15	ppb
Sodium	23-2	2961.12	2945.75	3520.40	3142.42	10.42	ppb
Strontium	86-1	33.73	34.25	35.00	34.33	1.87	ppb
Strontium	88-1	33.55	33.68	33.89	33.71	0.51	ppb
Sulfur	34-1	1412.30	1524.96	1764.42	1567.23	11.47	ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.02	0.02	0.02	21.03	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	28.64	ppb
Tin	118-1	-0.10	-0.03	-0.03	-0.05		ppb
Titanium	47-1	0.52	0.37	0.48	0.46	17.04	ppb
Uranium	238-1	0.38	0.36	0.38	0.37	2.14	ppb
Vanadium	51-2	1.00	1.12	1.22	1.12	9.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				89		%
Zinc	66-2	1.62	1.84	2.54	2.00	24.11	ppb
Zirconium	90-1	0.01	0.04	0.03	0.03	58.04	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-01	Instrumnet Name :	P7
Client Sample ID :	MGA591	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:19:38	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.07	0.05	42.94	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-02	Instrumnet Name :	P7
Client Sample ID :	MGA592	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:23:09	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.77	6.85	2.50	4.04	60.30	ppb
Antimony	121-1	0.21	0.30	0.24	0.25	17.57	ppb
Arsenic	75-2	0.34	0.38	0.26	0.33	19.06	ppb
Barium	135-1	32.11	33.31	32.68	32.70	1.83	ppb
Barium	137-1	33.60	32.74	32.65	33.00	1.59	ppb
Beryllium	9-1	0.05	0.04	0.06	0.05	17.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	5.62	6.42	5.41	5.82	9.20	ppb
Boron	11-1	5.55	5.72	6.04	5.77	4.34	ppb
Cadmium	111-1	-0.34	-0.28	-0.38	-0.33		ppb
Cadmium	106-1	-4.01	-3.49	-4.67	-4.06		ppb
Cadmium	108-1	-0.07	0.06	-0.01	-0.01		ppb
Calcium	43-1	62320.76	62987.90	62674.67	62661.11	0.53	ppb
Calcium	44-1	64527.78	64742.77	64878.04	64716.20	0.27	ppb
Chromium	52-2	0.22	0.22	0.26	0.23	10.74	ppb
Cobalt	59-2	3.10	2.89	2.99	3.00	3.49	ppb
Copper	63-2	3.01	2.90	2.98	2.96	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	5.52	5.64	5.64	5.60	1.26	ppb
Iron	57-2	63.74	63.48	62.88	63.37	0.70	ppb
Lead	206-1	0.39	0.39	0.37	0.39	2.74	ppb
Lead	207-1	0.31	0.34	0.36	0.34	7.86	ppb
Lead	208-1	0.35	0.35	0.35	0.35	0.44	ppb
Lithium	6-1				106		%
Magnesium	24-2	44151.13	44303.37	44513.08	44322.53	0.41	ppb
Manganese	55-2	9.75	9.81	10.27	9.94	2.88	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-02	Instrumnet Name :	P7
Client Sample ID :	MGA592	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:23:09	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.59	0.62	0.61	0.61	2.71	ppb
Molybdenum	95-1	0.73	0.83	0.69	0.75	9.59	ppb
Molybdenum	96-1	0.63	0.73	0.76	0.71	9.81	ppb
Molybdenum	97-1	0.80	0.89	0.73	0.80	10.33	ppb
Molybdenum	98-1	0.78	0.77	0.79	0.78	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.38	3.03	3.71	3.37	10.11	ppb
Phosphorus	31-2	9.13	-8.67	6.72	2.39	403.51	ppb
Potassium	39-2	945.60	961.20	953.58	953.46	0.82	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	0.00	1.82	1.83	1.22	86.60	ppb
Selenium	78-2	-0.09	-1.01	0.23	-0.29		ppb
Selenium	82-1	-0.23	-0.92	-0.59	-0.58		ppb
Silicon	28-1	2373.96	2559.12	2511.20	2481.43	3.87	ppb
Silver	109-1	0.05	0.06	0.06	0.06	5.07	ppb
Silver	107-1	0.06	0.03	0.05	0.05	27.16	ppb
Sodium	23-2	3089.38	3092.99	3091.04	3091.14	0.06	ppb
Strontium	86-1	51.36	51.62	52.38	51.79	1.03	ppb
Strontium	88-1	50.71	50.80	50.82	50.78	0.12	ppb
Sulfur	34-1	34866.15	35464.70	35442.36	35257.73	0.96	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.01	0.02	23.69	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	37.63	ppb
Tin	118-1	-0.04	-0.06	-0.05	-0.05		ppb
Titanium	47-1	0.29	0.53	0.64	0.49	37.27	ppb
Uranium	238-1	0.87	0.88	0.89	0.88	1.34	ppb
Vanadium	51-2	1.11	1.15	1.08	1.11	3.28	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1.22	1.28	1.55	1.35	13.16	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	42.57	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-02	Instrumnet Name :	P7
Client Sample ID :	MGA592	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:23:09	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.06	0.04	0.06	39.40	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-03	Instrumnet Name :	P7
Client Sample ID :	MGA593	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:26:40	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.66	3.98	5.58	4.74	16.87	ppb
Antimony	121-1	0.28	0.23	0.25	0.25	10.45	ppb
Arsenic	75-2	0.42	0.40	0.58	0.47	21.59	ppb
Barium	135-1	32.35	33.02	31.82	32.40	1.87	ppb
Barium	137-1	32.51	32.68	33.80	32.99	2.12	ppb
Beryllium	9-1	0.02	0.00	0.05	0.02	113.33	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	5.69	5.24	4.38	5.11	13.02	ppb
Boron	11-1	5.89	6.01	6.17	6.02	2.27	ppb
Cadmium	111-1	-0.33	-0.24	-0.34	-0.30		ppb
Cadmium	106-1	-3.97	-3.26	-4.17	-3.80		ppb
Cadmium	108-1	-0.07	0.06	-0.07	-0.03		ppb
Calcium	43-1	61636.39	62001.67	61189.10	61609.05	0.66	ppb
Calcium	44-1	63599.99	64050.68	63823.91	63824.86	0.35	ppb
Chromium	52-2	0.20	0.17	0.17	0.18	11.73	ppb
Cobalt	59-2	3.07	2.93	3.19	3.06	4.34	ppb
Copper	63-2	3.02	3.10	3.01	3.04	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	6.07	6.25	6.60	6.31	4.30	ppb
Iron	57-2	62.60	63.23	58.55	61.46	4.13	ppb
Lead	206-1	0.45	0.41	0.45	0.44	4.82	ppb
Lead	207-1	0.38	0.39	0.37	0.38	1.83	ppb
Lead	208-1	0.40	0.39	0.41	0.40	1.94	ppb
Lithium	6-1				105		%
Magnesium	24-2	43392.73	43705.07	44242.27	43780.02	0.98	ppb
Manganese	55-2	10.13	10.10	10.36	10.20	1.40	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-03	Instrumnet Name :	P7
Client Sample ID :	MGA593	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:26:40	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.60	0.69	0.55	0.61	11.75	ppb
Molybdenum	95-1	0.81	0.81	0.70	0.77	8.49	ppb
Molybdenum	96-1	0.71	0.75	0.78	0.75	4.57	ppb
Molybdenum	97-1	0.66	0.76	0.87	0.76	13.84	ppb
Molybdenum	98-1	0.70	0.73	0.84	0.75	9.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.91	2.73	3.23	2.96	8.51	ppb
Phosphorus	31-2	-20.97	-5.05	-21.26	-15.76		ppb
Potassium	39-2	954.62	936.25	977.72	956.20	2.17	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.00	1.81	0.00	0.60	173.21	ppb
Selenium	78-2	0.19	0.51	-0.71	0.00		ppb
Selenium	82-1	-0.82	-0.32	-1.49	-0.87		ppb
Silicon	28-1	2325.04	2536.93	2541.06	2467.68	5.01	ppb
Silver	109-1	0.06	0.05	0.07	0.06	13.55	ppb
Silver	107-1	0.03	0.03	0.06	0.04	49.79	ppb
Sodium	23-2	3002.36	3048.59	3054.51	3035.15	0.94	ppb
Strontium	86-1	50.06	50.18	50.57	50.27	0.53	ppb
Strontium	88-1	49.87	50.14	49.61	49.87	0.53	ppb
Sulfur	34-1	34852.27	34788.18	35333.21	34991.22	0.85	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	0.02	0.02	51.61	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	20.51	ppb
Tin	118-1	-0.07	-0.11	-0.03	-0.07		ppb
Titanium	47-1	0.56	0.30	0.10	0.32	71.52	ppb
Uranium	238-1	0.89	0.87	0.85	0.87	2.12	ppb
Vanadium	51-2	1.07	1.19	1.26	1.17	8.04	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	3.92	3.79	3.76	3.83	2.27	ppb
Zirconium	90-1	0.05	0.03	0.02	0.03	51.95	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-03	Instrumnet Name :	P7
Client Sample ID :	MGA593	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:26:40	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.08	0.08	4.78	ppb

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : I7067-04 Instrumnet Name : P7
 Client Sample ID : MGA594 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 16:30:12 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.96	3.09	3.25	3.43	13.50	ppb
Antimony	121-1	0.20	0.25	0.21	0.22	10.38	ppb
Arsenic	75-2	0.24	0.29	0.34	0.29	17.23	ppb
Barium	135-1	26.86	28.06	27.90	27.61	2.35	ppb
Barium	137-1	27.68	27.23	27.19	27.37	0.99	ppb
Beryllium	9-1	0.05	0.04	0.02	0.04	39.66	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	5.43	5.53	6.02	5.66	5.55	ppb
Boron	11-1	5.74	6.33	5.95	6.01	4.98	ppb
Cadmium	111-1	-0.22	-0.27	-0.13	-0.20		ppb
Cadmium	106-1	-2.99	-3.24	-1.82	-2.68		ppb
Cadmium	108-1	-0.13	-0.01	-0.13	-0.09		ppb
Calcium	43-1	65268.73	65661.24	65051.34	65327.10	0.47	ppb
Calcium	44-1	67254.33	67205.25	67029.79	67163.12	0.18	ppb
Chromium	52-2	0.30	0.27	0.26	0.28	7.11	ppb
Cobalt	59-2	2.97	2.94	2.89	2.93	1.27	ppb
Copper	63-2	2.33	2.35	2.34	2.34	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	5.91	5.91	5.59	5.80	3.22	ppb
Iron	57-2	71.86	66.75	59.10	65.90	9.74	ppb
Lead	206-1	0.41	0.37	0.35	0.38	8.45	ppb
Lead	207-1	0.29	0.36	0.30	0.32	11.70	ppb
Lead	208-1	0.36	0.36	0.32	0.35	6.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	43246.21	43411.86	43010.72	43222.93	0.47	ppb
Manganese	55-2	5.75	5.56	6.07	5.79	4.50	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-04	Instrumnet Name :	P7
Client Sample ID :	MGA594	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:30:12	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.40	0.23	0.37	33.13	ppb
Molybdenum	95-1	0.44	0.57	0.37	0.46	22.03	ppb
Molybdenum	96-1	0.40	0.48	0.42	0.43	10.28	ppb
Molybdenum	97-1	0.56	0.64	0.58	0.59	7.06	ppb
Molybdenum	98-1	0.57	0.46	0.51	0.51	10.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.63	2.35	2.41	7.97	ppb
Phosphorus	31-2	-15.90	12.18	-15.19	-6.30		ppb
Potassium	39-2	917.07	928.64	902.95	916.22	1.40	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	5.55	3.76	3.65	4.32	24.73	ppb
Selenium	78-2	0.87	0.28	-0.40	0.25	251.23	ppb
Selenium	82-1	-0.38	-0.33	-0.38	-0.37		ppb
Silicon	28-1	2586.70	2604.66	2658.83	2616.73	1.43	ppb
Silver	109-1	0.04	0.05	0.04	0.04	15.91	ppb
Silver	107-1	0.03	0.04	0.05	0.04	26.00	ppb
Sodium	23-2	2726.95	2728.98	2717.41	2724.45	0.23	ppb
Strontium	86-1	43.47	43.91	44.03	43.80	0.67	ppb
Strontium	88-1	43.49	43.84	43.70	43.68	0.41	ppb
Sulfur	34-1	34590.75	35106.94	34819.30	34839.00	0.74	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.02	0.02	0.02	27.77	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.52	ppb
Tin	118-1	-0.05	-0.04	-0.06	-0.05		ppb
Titanium	47-1	0.29	0.43	0.21	0.31	36.95	ppb
Uranium	238-1	0.72	0.67	0.70	0.70	3.34	ppb
Vanadium	51-2	1.04	0.99	0.98	1.00	3.07	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	2.30	2.07	2.07	2.15	6.24	ppb
Zirconium	90-1	0.05	0.02	0.03	0.03	43.43	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-04	Instrumnet Name :	P7
Client Sample ID :	MGA594	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:30:12	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.05	0.03	60.89	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-05	Instrumnet Name :	P7
Client Sample ID :	MGA595	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:33:44	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.91	6.23	4.89	6.35	23.88	ppb
Antimony	121-1	0.22	0.22	0.24	0.23	5.48	ppb
Arsenic	75-2	0.34	0.42	0.41	0.39	11.20	ppb
Barium	135-1	44.43	43.49	42.46	43.46	2.27	ppb
Barium	137-1	43.44	43.43	43.77	43.55	0.45	ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	29.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	6.99	6.32	7.23	6.84	6.93	ppb
Boron	11-1	6.96	6.87	7.22	7.02	2.53	ppb
Cadmium	111-1	-0.25	-0.24	-0.37	-0.29		ppb
Cadmium	106-1	-3.50	-3.27	-4.99	-3.92		ppb
Cadmium	108-1	-0.13	-0.07	-0.07	-0.09		ppb
Calcium	43-1	63748.67	63285.38	63145.30	63393.11	0.50	ppb
Calcium	44-1	65562.05	65552.57	65472.20	65528.94	0.08	ppb
Chromium	52-2	0.13	0.13	0.08	0.11	24.82	ppb
Cobalt	59-2	2.47	2.44	2.44	2.45	0.69	ppb
Copper	63-2	3.00	3.17	3.18	3.12	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	5.82	5.80	5.14	5.59	6.93	ppb
Iron	57-2	53.09	66.67	64.89	61.55	11.99	ppb
Lead	206-1	0.48	0.51	0.53	0.51	5.08	ppb
Lead	207-1	0.47	0.45	0.46	0.46	1.75	ppb
Lead	208-1	0.47	0.48	0.47	0.47	1.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	41697.27	41361.42	41516.72	41525.14	0.40	ppb
Manganese	55-2	47.97	47.60	47.00	47.52	1.02	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-05	Instrumnet Name :	P7
Client Sample ID :	MGA595	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:33:44	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.76	0.88	0.94	0.86	10.66	ppb
Molybdenum	95-1	1.12	1.13	1.13	1.12	0.45	ppb
Molybdenum	96-1	1.03	1.14	1.00	1.06	7.28	ppb
Molybdenum	97-1	1.12	1.17	1.10	1.13	2.98	ppb
Molybdenum	98-1	1.07	1.12	1.04	1.08	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.83	3.02	3.10	2.98	4.68	ppb
Phosphorus	31-2	-29.91	-33.78	-26.43	-30.04		ppb
Potassium	39-2	1330.52	1307.79	1297.43	1311.91	1.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	0.00	5.50	5.52	3.67	86.60	ppb
Selenium	78-2	-0.70	0.23	-1.00	-0.49		ppb
Selenium	82-1	-0.22	-0.63	0.01	-0.28		ppb
Silicon	28-1	1955.98	2065.19	2078.41	2033.20	3.30	ppb
Silver	109-1	0.05	0.03	0.05	0.04	20.20	ppb
Silver	107-1	0.03	0.04	0.03	0.04	13.40	ppb
Sodium	23-2	3519.90	3477.12	3508.53	3501.85	0.63	ppb
Strontium	86-1	48.44	48.72	48.78	48.64	0.37	ppb
Strontium	88-1	48.06	48.09	48.30	48.15	0.27	ppb
Sulfur	34-1	30150.11	30456.78	30420.58	30342.49	0.55	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.02	0.03	0.03	26.71	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	87.51	ppb
Tin	118-1	-0.04	-0.02	-0.04	-0.04		ppb
Titanium	47-1	0.29	-0.01	0.17	0.15	101.52	ppb
Uranium	238-1	1.01	1.06	1.06	1.04	3.06	ppb
Vanadium	51-2	0.95	1.07	1.12	1.04	8.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	1.38	1.78	1.47	1.54	13.60	ppb
Zirconium	90-1	0.06	0.04	0.04	0.04	22.67	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-05	Instrumnet Name :	P7
Client Sample ID :	MGA595	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:33:44	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.08	0.09	0.08	20.65	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06	Instrumnet Name :	P7
Client Sample ID :	MGA596	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:37:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.39	3.52	1.30	2.40	46.09	ppb
Antimony	121-1	0.22	0.17	0.32	0.23	33.32	ppb
Arsenic	75-2	0.24	0.18	0.30	0.24	26.21	ppb
Barium	135-1	20.58	20.89	25.72	22.40	12.86	ppb
Barium	137-1	20.36	19.72	25.59	21.89	14.71	ppb
Beryllium	9-1	0.01	0.03	0.08	0.04	89.39	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	5.51	6.25	6.60	6.12	9.10	ppb
Boron	11-1	5.84	6.28	7.37	6.50	12.12	ppb
Cadmium	111-1	-0.40	-0.27	-0.46	-0.38		ppb
Cadmium	106-1	-5.16	-3.31	-5.54	-4.67		ppb
Cadmium	108-1	-0.01	-0.07	0.19	0.04	364.19	ppb
Calcium	43-1	68460.10	68443.17	85498.67	74133.98	13.28	ppb
Calcium	44-1	70739.03	70759.21	88882.71	76793.65	13.63	ppb
Chromium	52-2	0.27	0.33	0.26	0.29	12.86	ppb
Cobalt	59-2	3.19	3.20	3.02	3.14	3.33	ppb
Copper	63-2	1.56	1.53	1.56	1.55	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	5.28	5.59	4.97	5.28	5.89	ppb
Iron	57-2	69.64	67.69	71.11	69.48	2.47	ppb
Lead	206-1	0.29	0.28	0.35	0.31	11.23	ppb
Lead	207-1	0.24	0.24	0.31	0.26	16.13	ppb
Lead	208-1	0.25	0.24	0.33	0.27	16.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	43184.63	43219.91	42589.26	42997.93	0.82	ppb
Manganese	55-2	1.50	1.40	1.64	1.51	7.89	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06	Instrumnet Name :	P7
Client Sample ID :	MGA596	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:37:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.15	0.12	0.14	16.25	ppb
Molybdenum	95-1	0.08	0.12	0.15	0.12	30.40	ppb
Molybdenum	96-1	0.12	0.13	0.10	0.12	12.65	ppb
Molybdenum	97-1	0.10	0.16	0.24	0.17	41.40	ppb
Molybdenum	98-1	0.08	0.13	0.12	0.11	22.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	1.91	2.10	2.02	4.96	ppb
Phosphorus	31-2	-53.16	-11.58	-2.65	-22.46		ppb
Potassium	39-2	845.57	856.83	821.03	841.15	2.18	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	77-2	1.84	1.85	1.85	1.85	0.25	ppb
Selenium	78-2	-0.69	0.88	-0.37	-0.06		ppb
Selenium	82-1	-0.58	-0.37	-0.36	-0.44		ppb
Silicon	28-1	2843.53	2990.00	5549.92	3794.49	40.11	ppb
Silver	109-1	0.04	0.06	0.05	0.05	15.38	ppb
Silver	107-1	0.04	0.04	0.06	0.05	18.90	ppb
Sodium	23-2	2516.61	2533.73	2475.99	2508.77	1.18	ppb
Strontium	86-1	41.94	43.17	54.90	46.67	15.33	ppb
Strontium	88-1	42.42	41.67	54.61	46.23	15.71	ppb
Sulfur	34-1	32945.91	33604.01	48446.86	38332.26	22.87	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.01	0.01	84.88	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	4235.48	ppb
Tin	118-1	-0.07	-0.03	-0.01	-0.04		ppb
Titanium	47-1	0.69	0.63	0.46	0.60	20.33	ppb
Uranium	238-1	0.48	0.48	0.65	0.54	18.12	ppb
Vanadium	51-2	1.12	1.04	1.12	1.09	4.48	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	2.02	2.01	1.69	1.91	9.85	ppb
Zirconium	90-1	0.00	0.03	0.01	0.01	99.63	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06	Instrumnet Name :	P7
Client Sample ID :	MGA596	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:37:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.04	0.05	15.65	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-07	Instrumnet Name :	P7
Client Sample ID :	MGA596D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:40:47	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.24	1.65	1.33	1.74	26.52	ppb
Antimony	121-1	0.20	0.21	0.23	0.21	8.24	ppb
Arsenic	75-2	0.18	0.22	0.27	0.22	19.46	ppb
Barium	135-1	19.58	19.47	20.99	20.01	4.24	ppb
Barium	137-1	19.31	20.41	19.81	19.84	2.78	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	3.01	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	5.93	6.49	5.69	6.04	6.84	ppb
Boron	11-1	5.79	6.40	6.00	6.06	5.12	ppb
Cadmium	111-1	-0.17	-0.49	-0.31	-0.32		ppb
Cadmium	106-1	-2.13	-6.13	-3.95	-4.07		ppb
Cadmium	108-1	0.12	-0.13	0.00	-0.01		ppb
Calcium	43-1	68300.53	68375.07	68724.20	68466.60	0.33	ppb
Calcium	44-1	70312.67	70947.16	71053.22	70771.02	0.57	ppb
Chromium	52-2	0.30	0.26	0.21	0.26	17.37	ppb
Cobalt	59-2	3.13	3.18	3.17	3.16	0.89	ppb
Copper	63-2	1.52	1.61	1.57	1.57	2.73	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				105		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	5.36	5.02	5.51	5.30	4.75	ppb
Iron	57-2	75.77	63.09	64.69	67.85	10.18	ppb
Lead	206-1	0.35	0.32	0.32	0.33	4.61	ppb
Lead	207-1	0.26	0.31	0.28	0.29	8.58	ppb
Lead	208-1	0.29	0.30	0.29	0.29	3.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	42928.69	43250.11	42741.40	42973.40	0.60	ppb
Manganese	55-2	1.68	1.48	1.71	1.62	7.72	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-07	Instrumnet Name :	P7
Client Sample ID :	MGA596D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:40:47	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.03	0.14	0.09	63.91	ppb
Molybdenum	95-1	0.06	0.08	0.08	0.07	14.18	ppb
Molybdenum	96-1	0.09	0.12	0.16	0.12	30.00	ppb
Molybdenum	97-1	0.14	0.10	0.08	0.11	29.58	ppb
Molybdenum	98-1	0.10	0.13	0.08	0.10	20.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.95	1.54	1.85	15.06	ppb
Phosphorus	31-2	-20.07	-33.28	-30.23	-27.86		ppb
Potassium	39-2	843.10	846.55	837.79	842.48	0.52	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	0.00	3.76	5.63	3.13	91.59	ppb
Selenium	78-2	0.89	1.55	0.28	0.91	70.11	ppb
Selenium	82-1	-0.06	-0.04	-1.41	-0.50		ppb
Silicon	28-1	2800.88	3029.21	3153.84	2994.64	5.98	ppb
Silver	109-1	0.06	0.06	0.06	0.06	2.05	ppb
Silver	107-1	0.04	0.06	0.05	0.05	15.03	ppb
Sodium	23-2	2513.84	2528.72	2530.85	2524.47	0.37	ppb
Strontium	86-1	41.89	42.60	42.53	42.34	0.93	ppb
Strontium	88-1	43.03	42.47	42.61	42.71	0.68	ppb
Sulfur	34-1	33573.07	33709.81	34300.77	33861.22	1.14	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.00	0.01	0.00	56.61	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	366.96	ppb
Tin	118-1	-0.04	-0.04	-0.03	-0.04		ppb
Titanium	47-1	0.33	0.54	0.56	0.48	26.32	ppb
Uranium	238-1	0.50	0.48	0.48	0.49	1.76	ppb
Vanadium	51-2	1.11	0.98	1.03	1.04	5.91	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	4.73	3.73	4.05	4.17	12.26	ppb
Zirconium	90-1	0.01	0.01	0.04	0.02	79.12	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-07	Instrumnet Name :	P7
Client Sample ID :	MGA596D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:40:47	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.06	0.05	37.47	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA596L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:44:19	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.23	0.52	0.20	160.85	ppb
Antimony	121-1	0.02	0.01	0.04	0.02	51.32	ppb
Arsenic	75-2	0.07	-0.03	0.06	0.03	177.03	ppb
Barium	135-1	3.89	4.35	4.13	4.13	5.58	ppb
Barium	137-1	3.84	4.18	3.96	3.99	4.31	ppb
Beryllium	9-1	0.03	0.04	0.00	0.02	80.34	ppb
Bismuth	209-1				92		%
Bismuth	209-2				84		%
Boron	10-1	1.64	1.70	1.92	1.75	8.23	ppb
Boron	11-1	1.89	1.88	1.66	1.81	7.34	ppb
Cadmium	111-1	-0.23	-0.24	-0.23	-0.24		ppb
Cadmium	106-1	-2.77	-2.99	-2.72	-2.83		ppb
Cadmium	108-1	0.00	0.01	-0.06	-0.02		ppb
Calcium	43-1	13492.33	13436.16	13444.24	13457.58	0.23	ppb
Calcium	44-1	14102.13	14233.38	14411.46	14248.99	1.09	ppb
Chromium	52-2	0.04	0.11	0.06	0.07	48.35	ppb
Cobalt	59-2	0.59	0.71	0.55	0.62	13.64	ppb
Copper	63-2	1.06	0.78	0.90	0.92	15.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				85		%
Indium	115-1				90		%
Indium	115-2				82		%
Iron	56-2	4.07	3.94	4.29	4.10	4.32	ppb
Iron	57-2	18.12	13.85	17.90	16.62	14.46	ppb
Lead	206-1	0.08	0.05	0.06	0.06	22.96	ppb
Lead	207-1	0.07	0.07	0.07	0.07	1.08	ppb
Lead	208-1	0.07	0.06	0.07	0.07	7.66	ppb
Lithium	6-1				91		%
Magnesium	24-2	8055.62	8144.50	8503.76	8234.63	2.88	ppb
Manganese	55-2	0.36	0.38	0.33	0.36	6.11	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA596L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:44:19	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.04	0.03	17.62	ppb
Molybdenum	95-1	0.03	0.01	0.03	0.02	37.59	ppb
Molybdenum	96-1	0.03	0.04	0.05	0.04	25.89	ppb
Molybdenum	97-1	0.01	0.04	0.06	0.04	72.47	ppb
Molybdenum	98-1	0.02	0.05	0.02	0.03	50.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.68	1.35	1.72	1.58	12.79	ppb
Phosphorus	31-2	23.50	47.19	-11.05	19.88	147.33	ppb
Potassium	39-2	187.07	192.74	181.38	187.06	3.04	ppb
Rhodium	103-1				88		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				80		%
Selenium	77-2	0.00	2.18	0.00	0.73	173.21	ppb
Selenium	78-2	-0.83	0.28	-0.21	-0.26		ppb
Selenium	82-1	-1.44	-0.60	-0.36	-0.80		ppb
Silicon	28-1	915.95	1031.03	1260.79	1069.26	16.42	ppb
Silver	109-1	0.03	0.02	0.02	0.02	30.15	ppb
Silver	107-1	0.03	0.02	0.03	0.02	26.83	ppb
Sodium	23-2	527.82	533.15	545.28	535.41	1.67	ppb
Strontium	86-1	8.74	8.30	7.98	8.34	4.56	ppb
Strontium	88-1	8.20	8.34	8.41	8.32	1.27	ppb
Sulfur	34-1	8886.67	9188.82	9792.60	9289.36	4.97	ppb
Terbium	159-1				94		%
Terbium	159-2				84		%
Thallium	203-1	0.00	0.00	0.00	0.00	86.65	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	-0.09	-0.05	0.00	-0.05		ppb
Titanium	47-1	0.00	-0.20	-0.06	-0.09		ppb
Uranium	238-1	0.09	0.09	0.09	0.09	2.48	ppb
Vanadium	51-2	0.43	0.39	0.46	0.43	8.42	ppb
Yttrium	89-1				89		%
Yttrium	89-2				81		%
Zinc	66-2	0.30	0.43	0.30	0.34	21.91	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	47.76	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA596L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:44:19	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.05	0.03	0.03	37.77	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-08	Instrumnet Name :	P7
Client Sample ID :	MGA596S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:47:52	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2175.96	2121.45	2109.19	2135.54	1.66	ppb
Antimony	121-1	106.91	106.68	104.45	106.01	1.28	ppb
Arsenic	75-2	45.97	43.96	45.66	45.19	2.39	ppb
Barium	135-1	2129.06	2108.82	2079.08	2105.65	1.19	ppb
Barium	137-1	2121.10	2098.47	2109.60	2109.73	0.54	ppb
Beryllium	9-1	52.30	51.60	51.76	51.89	0.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	5.55	5.46	5.42	5.47	1.25	ppb
Boron	11-1	5.66	5.78	5.92	5.79	2.20	ppb
Cadmium	111-1	52.78	52.25	51.06	52.03	1.70	ppb
Cadmium	106-1	37.25	36.07	36.66	36.66	1.60	ppb
Cadmium	108-1	43.81	40.28	41.35	41.81	4.33	ppb
Calcium	43-1	68069.41	68053.07	67004.51	67709.00	0.90	ppb
Calcium	44-1	70757.99	70393.69	70135.65	70429.11	0.44	ppb
Chromium	52-2	221.07	221.81	222.90	221.93	0.42	ppb
Cobalt	59-2	561.38	560.49	560.31	560.73	0.10	ppb
Copper	63-2	283.49	281.42	284.14	283.02	0.50	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				105		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	1123.68	1129.21	1128.03	1126.97	0.26	ppb
Iron	57-2	1166.28	1209.17	1200.47	1191.97	1.90	ppb
Lead	206-1	21.51	21.36	21.04	21.30	1.12	ppb
Lead	207-1	21.40	21.62	21.42	21.48	0.57	ppb
Lead	208-1	21.30	21.30	21.21	21.27	0.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	42528.05	42506.82	42721.51	42585.46	0.28	ppb
Manganese	55-2	547.67	550.46	552.42	550.18	0.43	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-08	Instrumnet Name :	P7
Client Sample ID :	MGA596S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:47:52	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.22	0.19	0.20	9.87	ppb
Molybdenum	95-1	0.13	0.07	0.12	0.11	29.22	ppb
Molybdenum	96-1	0.08	0.10	0.18	0.12	42.87	ppb
Molybdenum	97-1	0.13	0.12	0.08	0.11	24.63	ppb
Molybdenum	98-1	0.09	0.10	0.15	0.11	25.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	567.50	558.86	565.93	564.10	0.82	ppb
Phosphorus	31-2	-0.16	4.06	-28.68	-8.26		ppb
Potassium	39-2	817.71	829.63	836.79	828.05	1.16	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	119.85	105.11	127.33	117.43	9.63	ppb
Selenium	78-2	110.34	118.76	120.01	116.37	4.52	ppb
Selenium	82-1	114.89	120.57	119.26	118.24	2.51	ppb
Silicon	28-1	2922.18	2914.63	2976.46	2937.76	1.15	ppb
Silver	109-1	50.41	49.91	49.33	49.88	1.08	ppb
Silver	107-1	49.76	50.25	50.39	50.13	0.65	ppb
Sodium	23-2	2487.72	2483.77	2507.25	2492.92	0.50	ppb
Strontium	86-1	42.79	43.11	41.48	42.46	2.03	ppb
Strontium	88-1	42.68	42.78	42.55	42.67	0.27	ppb
Sulfur	34-1	33514.26	33623.02	33089.55	33408.94	0.84	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	53.08	52.59	53.00	52.89	0.50	ppb
Thallium	205-1	52.91	52.91	52.17	52.66	0.81	ppb
Tin	118-1	-0.04	-0.02	-0.05	-0.04		ppb
Titanium	47-1	0.47	0.43	0.48	0.46	6.06	ppb
Uranium	238-1	0.48	0.47	0.47	0.47	1.21	ppb
Vanadium	51-2	552.61	553.46	554.51	553.53	0.17	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	570.99	574.46	574.91	573.45	0.37	ppb
Zirconium	90-1	0.02	0.04	0.03	0.03	33.69	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-08	Instrumnet Name :	P7
Client Sample ID :	MGA596S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:47:52	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.13	0.08	0.10	29.36	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:51:24	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52093.75	54448.30	49685.41	52075.82	4.57	ppb
Antimony	121-1	474.95	492.79	494.77	487.51	2.24	ppb
Arsenic	75-2	507.44	526.37	480.59	504.80	4.56	ppb
Barium	135-1	2434.49	2497.60	2497.15	2476.41	1.47	ppb
Barium	137-1	2429.37	2502.91	2515.19	2482.49	1.87	ppb
Beryllium	9-1	507.76	517.32	522.02	515.70	1.41	ppb
Bismuth	209-1				85		%
Bismuth	209-2				80		%
Boron	10-1	499.94	512.71	530.03	514.23	2.94	ppb
Boron	11-1	497.54	517.78	527.89	514.40	3.00	ppb
Cadmium	111-1	470.50	481.31	487.64	479.82	1.81	ppb
Cadmium	106-1	477.30	490.79	481.34	483.14	1.43	ppb
Cadmium	108-1	474.25	477.98	490.27	480.83	1.74	ppb
Calcium	43-1	230324.62	239227.45	240999.15	236850.41	2.42	ppb
Calcium	44-1	235359.53	244410.85	247342.37	242370.92	2.58	ppb
Chromium	52-2	519.03	541.70	496.65	519.13	4.34	ppb
Cobalt	59-2	500.83	521.11	481.39	501.11	3.96	ppb
Copper	63-2	984.09	1039.38	946.49	989.99	4.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				85		%
Indium	115-1				83		%
Indium	115-2				78		%
Iron	56-2	132208.98	138294.46	127731.27	132744.90	3.99	ppb
Iron	57-2	127556.05	134263.13	123522.67	128447.29	4.22	ppb
Lead	206-1	507.52	522.39	522.61	517.51	1.67	ppb
Lead	207-1	505.15	517.64	520.57	514.45	1.59	ppb
Lead	208-1	505.80	519.61	522.12	515.84	1.70	ppb
Lithium	6-1				83		%
Magnesium	24-2	265000.44	277973.90	254249.14	265741.16	4.47	ppb
Manganese	55-2	1009.26	1048.50	977.06	1011.61	3.54	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:51:24	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2499.54	2563.74	2570.97	2544.75	1.55	ppb
Molybdenum	95-1	2477.13	2545.99	2572.20	2531.77	1.94	ppb
Molybdenum	96-1	2485.06	2551.97	2588.30	2541.78	2.06	ppb
Molybdenum	97-1	2491.46	2547.83	2568.80	2536.03	1.58	ppb
Molybdenum	98-1	2505.28	2568.65	2607.56	2560.50	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.37	519.48	475.19	499.01	4.48	ppb
Phosphorus	31-2	10435.71	10558.17	9914.51	10302.80	3.32	ppb
Potassium	39-2	130614.10	135673.66	124721.28	130336.35	4.21	ppb
Rhodium	103-1				79		%
Rhodium	103-2				76		%
Scandium	45-1				84		%
Scandium	45-2				79		%
Selenium	77-2	496.25	507.75	479.96	494.65	2.82	ppb
Selenium	78-2	491.76	495.50	471.14	486.13	2.70	ppb
Selenium	82-1	490.96	498.69	498.10	495.92	0.87	ppb
Silicon	28-1	519.13	882.19	976.92	792.75	30.48	ppb
Silver	109-1	470.46	481.05	485.41	478.97	1.61	ppb
Silver	107-1	469.65	479.57	480.88	476.70	1.29	ppb
Sodium	23-2	267180.64	279398.24	256083.53	267554.13	4.36	ppb
Strontium	86-1	508.95	525.38	528.71	521.01	2.03	ppb
Strontium	88-1	512.81	522.79	530.48	522.03	1.70	ppb
Sulfur	34-1	10952.38	12555.52	12622.47	12043.46	7.85	ppb
Terbium	159-1				91		%
Terbium	159-2				85		%
Thallium	203-1	502.15	512.19	520.73	511.69	1.82	ppb
Thallium	205-1	505.93	519.16	524.06	516.38	1.82	ppb
Tin	118-1	477.35	493.39	496.00	488.92	2.07	ppb
Titanium	47-1	2465.36	2536.30	2565.71	2522.46	2.05	ppb
Uranium	238-1	521.38	538.36	542.03	533.92	2.06	ppb
Vanadium	51-2	514.04	540.01	493.77	515.94	4.49	ppb
Yttrium	89-1				85		%
Yttrium	89-2				81		%
Zinc	66-2	994.65	1019.55	943.63	985.95	3.93	ppb
Zirconium	90-1	496.79	508.21	513.99	506.33	1.73	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:51:24	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.02	508.48	516.65	508.72	1.54	ppb

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : CCB056 Instrumnet Name : P7
 Client Sample ID : CCB056 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 17:02:28 DataFile Name : 053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.73	-0.08	0.19	242.91	ppb
Antimony	121-1	0.22	0.26	0.25	0.24	7.74	ppb
Arsenic	75-2	-0.03	-0.01	0.03	0.00		ppb
Barium	135-1	0.14	0.07	0.09	0.10	37.01	ppb
Barium	137-1	0.09	0.06	0.05	0.06	31.79	ppb
Beryllium	9-1	0.21	0.15	0.14	0.16	22.28	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	3.19	3.48	2.56	3.08	15.26	ppb
Boron	11-1	3.27	3.26	3.29	3.27	0.49	ppb
Cadmium	111-1	-0.33	-0.04	-0.16	-0.18		ppb
Cadmium	106-1	-4.15	-0.42	-2.02	-2.20		ppb
Cadmium	108-1	-0.07	0.00	-0.13	-0.07		ppb
Calcium	43-1	1.86	-2.90	1.54	0.17	1571.72	ppb
Calcium	44-1	41.84	62.73	77.41	60.66	29.46	ppb
Chromium	52-2	0.03	0.02	0.01	0.02	38.30	ppb
Cobalt	59-2	0.05	0.02	0.04	0.04	35.10	ppb
Copper	63-2	0.15	0.14	0.09	0.13	25.88	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				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	6.29	5.75	5.59	5.88	6.26	ppb
Iron	57-2	6.54	5.56	5.02	5.71	13.53	ppb
Lead	206-1	0.09	0.09	0.09	0.09	5.12	ppb
Lead	207-1	0.08	0.10	0.09	0.09	13.50	ppb
Lead	208-1	0.10	0.10	0.09	0.09	4.78	ppb
Lithium	6-1				92		%
Magnesium	24-2	-18.80	-17.55	-18.64	-18.33		ppb
Manganese	55-2	0.07	0.09	0.11	0.09	21.90	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 17:02:28	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.28	0.25	0.27	6.56	ppb
Molybdenum	95-1	0.23	0.18	0.16	0.19	18.84	ppb
Molybdenum	96-1	0.14	0.14	0.15	0.14	5.62	ppb
Molybdenum	97-1	0.15	0.22	0.25	0.20	25.15	ppb
Molybdenum	98-1	0.16	0.13	0.17	0.15	14.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.74	0.60	0.63	15.22	ppb
Phosphorus	31-2	49.89	-14.03	-24.72	3.71	1086.09	ppb
Potassium	39-2	-1.06	11.98	4.61	5.18	126.28	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	0.00	1.90	0.00	0.63	173.21	ppb
Selenium	78-2	0.61	-1.29	-0.99	-0.56		ppb
Selenium	82-1	0.47	-0.07	-0.44	-0.01		ppb
Silicon	28-1	290.49	523.86	618.97	477.78	35.38	ppb
Silver	109-1	0.01	0.02	0.01	0.02	48.91	ppb
Silver	107-1	0.01	0.02	0.00	0.01	135.37	ppb
Sodium	23-2	29.90	33.79	28.81	30.83	8.49	ppb
Strontium	86-1	0.04	-0.08	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-142.16	747.22	1068.31	557.79	112.42	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.04	0.05	0.04	19.93	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	21.47	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.18	-0.17	-0.24	-0.19		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	107.64	ppb
Vanadium	51-2	0.01	0.02	0.01	0.02	31.73	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	-0.20	-0.33	0.04	-0.17		ppb
Zirconium	90-1	0.08	0.07	0.09	0.08	10.68	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 17:02:28	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.13	0.05	0.08	58.69	ppb

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 11:45:24	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	458	358	375	20.37	cps
Antimony	121-1	275	325	267	289	10.92	cps
Arsenic	75-2	52	22	28	34	46.39	cps
Barium	135-1	167	158	142	156	8.18	cps
Barium	137-1	258	250	175	228	20.15	cps
Beryllium	9-1	411	467	500	459	9.78	cps
Bismuth	209-1	4689277	4830274	4733568	4751040	1.52	cps
Bismuth	209-2	1819345	1820099	2048652	1896032	6.97	cps
Boron	10-1	133	108	142	128	13.57	cps
Boron	11-1	400	400	525	442	16.34	cps
Cadmium	111-1	1534	1486	1561	1527	2.48	cps
Cadmium	106-1	2134	2084	2175	2131	2.15	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	300	242	267	269	10.86	cps
Calcium	44-1	189769	189009	191008	189929	0.53	cps
Chromium	52-2	197	233	297	242	20.88	cps
Cobalt	59-2	240	193	177	203	16.15	cps
Copper	63-2	1100	1110	1157	1122	2.70	cps
Dysprosium	156-1	33	83	58	58	42.86	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	42	25	28	45.82	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	13	33	27	24	41.66	cps
Holmium	165-1	6122875	6268139	6185924	6192313	1.18	cps
Holmium	165-2	2216955	2222375	2523263	2320864	7.55	cps
Indium	115-1	4158619	4278332	4176114	4204355	1.54	cps
Indium	115-2	612487	612705	687964	637719	6.82	cps
Iron	56-2	8492	8503	9692	8896	7.76	cps
Iron	57-2	228	194	283	235	19.09	cps
Lead	206-1	617	689	672	659	5.74	cps
Lead	207-1	639	522	528	563	11.69	cps
Lead	208-1	2928	2695	2506	2709	7.81	cps
Lithium	6-1	3294447	3378953	3336759	3336720	1.27	cps
Magnesium	24-2	7144	7260	7327	7244	1.28	cps
Manganese	55-2	133	127	167	142	15.07	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 11:45:24	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1058	1167	1358	1195	12.72	cps
Molybdenum	95-1	1567	1634	1734	1645	5.10	cps
Molybdenum	96-1	1784	1800	1975	1853	5.73	cps
Molybdenum	97-1	1175	1233	983	1131	11.57	cps
Molybdenum	98-1	2767	2584	2675	2675	3.43	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	580	607	637	608	4.66	cps
Phosphorus	31-2	408	375	467	417	11.14	cps
Potassium	39-2	24179	24054	25089	24441	2.31	cps
Rhodium	103-1	3577982	3698236	3637793	3638004	1.65	cps
Rhodium	103-2	1450251	1457438	1635423	1514371	6.93	cps
Scandium	45-1	3080683	3168767	3078478	3109310	1.66	cps
Scandium	45-2	123412	124810	140170	129464	7.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	17	9	13	28.58	cps
Selenium	82-1	8	-24	-12	-9	-171.69	cps
Silicon	28-1	35858763	36238572	36026901	36041412	0.53	cps
Silver	109-1	58	25	92	58	57.14	cps
Silver	107-1	133	50	100	94	44.41	cps
Sodium	23-2	36604	37865	39277	37916	3.53	cps
Strontium	86-1	242	142	183	189	26.59	cps
Strontium	88-1	717	825	725	756	7.98	cps
Sulfur	34-1	522845	519800	512232	518292	1.05	cps
Terbium	159-1	6174209	6358150	6268304	6266888	1.47	cps
Terbium	159-2	2179669	2191948	2475555	2282391	7.33	cps
Thallium	203-1	275	242	208	242	13.80	cps
Thallium	205-1	625	550	633	603	7.61	cps
Tin	118-1	908	742	850	833	10.15	cps
Titanium	47-1	292	383	258	311	20.80	cps
Uranium	238-1	1817	1425	1333	1525	16.84	cps
Vanadium	51-2	63	33	50	49	30.75	cps
Yttrium	89-1	4064234	4167255	4084544	4105345	1.33	cps
Yttrium	89-2	468099	471612	529528	489746	7.04	cps
Zinc	66-2	280	273	323	292	9.29	cps
Zirconium	90-1	467	475	475	472	1.02	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P7
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 11:45:24	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	83	117	100	16.66	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:40:35	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	75	50	44.10	cps
Antimony	121-1	92	58	50	67	33.07	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	25	8	25	19	49.50	cps
Beryllium	9-1	50	50	72	57	22.35	cps
Bismuth	209-1	4983306	4959527	4939898	4960910	0.44	cps
Bismuth	209-2	2221349	2220597	2131154	2191033	2.37	cps
Boron	10-1	50	50	117	72	53.30	cps
Boron	11-1	192	242	275	236	17.76	cps
Cadmium	111-1	1681	1480	1438	1533	8.50	cps
Cadmium	106-1	2400	2109	2050	2186	8.58	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	100	142	67	103	36.56	cps
Calcium	44-1	188620	186418	184859	186632	1.01	cps
Chromium	52-2	127	113	93	111	15.10	cps
Cobalt	59-2	67	87	103	86	21.46	cps
Copper	63-2	1047	1007	830	961	12.00	cps
Dysprosium	156-1	50	25	17	31	56.77	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	42	8	33	28	62.46	cps
Gadolinium	160-2	30	30	10	23	49.49	cps
Holmium	165-1	6392750	6427153	6400764	6406889	0.28	cps
Holmium	165-2	2706973	2721388	2629505	2685956	1.84	cps
Indium	115-1	4384299	4397071	4366977	4382782	0.34	cps
Indium	115-2	726696	732827	715057	724860	1.25	cps
Iron	56-2	2684	2695	2673	2684	0.41	cps
Iron	57-2	56	111	106	91	33.72	cps
Lead	206-1	139	133	172	148	14.20	cps
Lead	207-1	144	156	133	144	7.69	cps
Lead	208-1	656	672	528	619	12.78	cps
Lithium	6-1	3447562	3456818	3434492	3446291	0.33	cps
Magnesium	24-2	4776	4418	4959	4718	5.84	cps
Manganese	55-2	30	57	70	52	39.00	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:40:35	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	83	33	72	48.05	cps
Molybdenum	95-1	25	50	0	25	100.00	cps
Molybdenum	96-1	67	50	75	64	19.92	cps
Molybdenum	97-1	17	8	33	19	65.47	cps
Molybdenum	98-1	42	83	50	58	37.80	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	330	393	357	360	8.83	cps
Phosphorus	31-2	433	392	342	389	11.80	cps
Potassium	39-2	23962	22944	23795	23567	2.32	cps
Rhodium	103-1	3788778	3805879	3772233	3788963	0.44	cps
Rhodium	103-2	1740389	1750177	1706362	1732309	1.33	cps
Scandium	45-1	3234063	3249304	3222132	3235166	0.42	cps
Scandium	45-2	147623	147333	143703	146220	1.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	26	11	12	105.37	cps
Selenium	82-1	-30	-13	-15	-19	-45.86	cps
Silicon	28-1	35579652	35524363	35369309	35491108	0.31	cps
Silver	109-1	8	8	17	11	43.34	cps
Silver	107-1	75	75	50	67	21.65	cps
Sodium	23-2	24646	24045	23895	24195	1.64	cps
Strontium	86-1	217	183	158	186	15.73	cps
Strontium	88-1	225	233	150	203	22.63	cps
Sulfur	34-1	517088	516655	515240	516328	0.19	cps
Terbium	159-1	6461341	6489199	6431916	6460818	0.44	cps
Terbium	159-2	2651770	2656436	2571315	2626507	1.82	cps
Thallium	203-1	17	33	25	25	33.34	cps
Thallium	205-1	142	117	92	117	21.43	cps
Tin	118-1	500	683	433	539	24.02	cps
Titanium	47-1	275	250	275	267	5.41	cps
Uranium	238-1	42	42	58	47	20.38	cps
Vanadium	51-2	7	13	0	7	99.98	cps
Yttrium	89-1	4262325	4284830	4246845	4264666	0.45	cps
Yttrium	89-2	559557	558494	545205	554419	1.44	cps
Zinc	66-2	157	187	183	176	9.37	cps
Zirconium	90-1	250	258	167	225	22.53	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:40:35	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	17	42	31	41.66	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 12:48:26 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125	1075	1325	1175	11.26	cps
Antimony	121-1	5902	6343	6285	6177	3.89	cps
Arsenic	75-2	94	107	98	100	6.68	cps
Barium	135-1	6852	7486	7160	7166	4.42	cps
Barium	137-1	12965	13023	12831	12940	0.76	cps
Beryllium	9-1	1572	1606	1778	1652	6.68	cps
Bismuth	209-1	4947967	4979053	4783341	4903453	2.14	cps
Bismuth	209-2	2141773	2150551	2153796	2148706	0.29	cps
Boron	10-1	4493	4443	4559	4498	1.30	cps
Boron	11-1	19238	20815	20632	20228	4.26	cps
Cadmium	111-1	2323	2249	2460	2344	4.58	cps
Cadmium	106-1	2267	2417	2517	2400	5.24	cps
Cadmium	108-1	50	92	50	64	37.66	cps
Calcium	43-1	5743	5518	5376	5546	3.34	cps
Calcium	44-1	269132	272484	269029	270215	0.73	cps
Chromium	52-2	2430	2154	2344	2309	6.13	cps
Cobalt	59-2	1693	1690	1747	1710	1.86	cps
Copper	63-2	3137	3170	3380	3229	4.09	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	25	33	8	22	57.29	cps
Gadolinium	160-2	3	23	10	12	83.33	cps
Holmium	165-1	6318776	6382192	6314502	6338490	0.60	cps
Holmium	165-2	2643048	2648388	2647119	2646185	0.11	cps
Indium	115-1	4377513	4395023	4232402	4334980	2.06	cps
Indium	115-2	718715	719041	715379	717712	0.28	cps
Iron	56-2	44211	44501	44852	44521	0.72	cps
Iron	57-2	1283	1195	1011	1163	11.94	cps
Lead	206-1	3495	3284	3373	3384	3.13	cps
Lead	207-1	3406	3228	3323	3319	2.68	cps
Lead	208-1	14837	14337	14409	14528	1.86	cps
Lithium	6-1	3466083	3496033	3386522	3449546	1.64	cps
Magnesium	24-2	75139	74862	75147	75049	0.22	cps
Manganese	55-2	697	617	723	679	8.18	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:48:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5585	5360	6060	5668	6.31	cps
Molybdenum	95-1	6960	6493	6493	6649	4.05	cps
Molybdenum	96-1	7819	7536	7394	7583	2.86	cps
Molybdenum	97-1	4159	4451	4101	4237	4.43	cps
Molybdenum	98-1	10913	11205	11038	11052	1.33	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	840	857	930	876	5.47	cps
Phosphorus	31-2	325	292	383	333	13.92	cps
Potassium	39-2	67621	65981	65905	66502	1.46	cps
Rhodium	103-1	3799057	3811552	3688267	3766292	1.80	cps
Rhodium	103-2	1708649	1714590	1714868	1712702	0.21	cps
Scandium	45-1	3255238	3288602	3145059	3229633	2.33	cps
Scandium	45-2	145035	145839	145846	145573	0.32	cps
Selenium	77-2	17	3	27	16	75.27	cps
Selenium	78-2	37	43	39	40	7.15	cps
Selenium	82-1	134	200	169	168	19.79	cps
Silicon	28-1	36151847	35998790	35894403	36015013	0.36	cps
Silver	109-1	3476	3692	3409	3526	4.20	cps
Silver	107-1	3617	3559	3401	3526	3.18	cps
Sodium	23-2	155288	155776	157123	156062	0.61	cps
Strontium	86-1	1233	1100	1242	1192	6.67	cps
Strontium	88-1	8561	8670	8411	8547	1.52	cps
Sulfur	34-1	517836	510192	515076	514368	0.75	cps
Terbium	159-1	6388662	6439427	6244937	6357676	1.59	cps
Terbium	159-2	2582689	2597973	2584215	2588292	0.33	cps
Thallium	203-1	3984	4134	3942	4020	2.51	cps
Thallium	205-1	10121	9754	10238	10037	2.52	cps
Tin	118-1	13399	13132	12698	13076	2.70	cps
Titanium	47-1	2875	2692	2684	2750	3.94	cps
Uranium	238-1	14792	15268	14876	14979	1.69	cps
Vanadium	51-2	4411	4184	4324	4306	2.66	cps
Yttrium	89-1	4268672	4309058	4160252	4245994	1.81	cps
Yttrium	89-2	549321	550501	548871	549564	0.15	cps
Zinc	66-2	567	477	473	506	10.47	cps
Zirconium	90-1	4576	4634	4634	4615	0.73	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:48:26	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1133	1100	1000	1078	6.44	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:52:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60180	59628	59377	59728	0.69	cps
Antimony	121-1	168535	171966	170306	170269	1.01	cps
Arsenic	75-2	4660	4808	4818	4762	1.86	cps
Barium	135-1	203038	202580	204737	203452	0.56	cps
Barium	137-1	352537	350388	348684	350536	0.55	cps
Beryllium	9-1	86657	85266	86613	86179	0.92	cps
Bismuth	209-1	4923119	4858440	4882135	4887898	0.67	cps
Bismuth	209-2	2173721	2134805	2170969	2159832	1.01	cps
Boron	10-1	9970	9687	10195	9951	2.56	cps
Boron	11-1	45778	44508	45921	45402	1.71	cps
Cadmium	111-1	42106	42552	42112	42257	0.60	cps
Cadmium	106-1	6694	7294	6977	6988	4.30	cps
Cadmium	108-1	3080	3217	3217	3171	2.50	cps
Calcium	43-1	60082	58224	58684	58996	1.64	cps
Calcium	44-1	1129409	1128228	1125219	1127618	0.19	cps
Chromium	52-2	54932	55671	55882	55495	0.90	cps
Cobalt	59-2	86299	85326	86027	85884	0.58	cps
Copper	63-2	118222	118434	119812	118823	0.73	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	27	13	17	19	36.75	cps
Holmium	165-1	6371499	6351209	6322784	6348497	0.39	cps
Holmium	165-2	2682021	2627348	2671478	2660282	1.09	cps
Indium	115-1	4324775	4323120	4309664	4319186	0.19	cps
Indium	115-2	719229	710689	719147	716355	0.69	cps
Iron	56-2	2297399	2287517	2314112	2299676	0.58	cps
Iron	57-2	56180	56805	56246	56410	0.61	cps
Lead	206-1	178208	178057	177719	177995	0.14	cps
Lead	207-1	167897	168650	168103	168217	0.23	cps
Lead	208-1	752200	751148	747950	750433	0.29	cps
Lithium	6-1	3448332	3424370	3418754	3430485	0.46	cps
Magnesium	24-2	764677	760496	773522	766232	0.87	cps
Manganese	55-2	62027	62398	61605	62010	0.64	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:52:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308760	306470	304435	306555	0.71	cps
Molybdenum	95-1	373482	371626	370908	372005	0.36	cps
Molybdenum	96-1	414248	409028	412890	412055	0.66	cps
Molybdenum	97-1	234895	233887	235813	234865	0.41	cps
Molybdenum	98-1	607345	604963	606282	606197	0.20	cps
Neodymium	150-1	33	27	20	27	24.99	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	22374	22170	22434	22326	0.62	cps
Phosphorus	31-2	2375	3159	2867	2800	14.14	cps
Potassium	39-2	259219	255361	262839	259139	1.44	cps
Rhodium	103-1	3723636	3699339	3741485	3721487	0.57	cps
Rhodium	103-2	1717018	1702663	1718031	1712571	0.50	cps
Scandium	45-1	3212159	3208333	3211320	3210604	0.06	cps
Scandium	45-2	145650	144695	147428	145924	0.95	cps
Selenium	77-2	103	113	90	102	11.45	cps
Selenium	78-2	346	352	293	330	9.91	cps
Selenium	82-1	2294	2306	2304	2301	0.28	cps
Silicon	28-1	36171634	35522097	35642691	35778807	0.97	cps
Silver	109-1	184117	185299	186229	185215	0.57	cps
Silver	107-1	192002	192923	191470	192132	0.38	cps
Sodium	23-2	1466619	1466417	1480509	1471182	0.55	cps
Strontium	86-1	50180	49286	49921	49795	0.92	cps
Strontium	88-1	438760	440379	439978	439706	0.19	cps
Sulfur	34-1	528074	524492	528072	526880	0.39	cps
Terbium	159-1	6393658	6375836	6360043	6376512	0.26	cps
Terbium	159-2	2623040	2568587	2619779	2603802	1.17	cps
Thallium	203-1	216430	217591	217141	217054	0.27	cps
Thallium	205-1	529082	527833	523654	526856	0.54	cps
Tin	118-1	138929	138307	137542	138259	0.50	cps
Titanium	47-1	132658	132381	129397	131479	1.38	cps
Uranium	238-1	847055	848402	844891	846783	0.21	cps
Vanadium	51-2	45500	45547	46720	45922	1.51	cps
Yttrium	89-1	4220218	4211177	4225370	4218921	0.17	cps
Yttrium	89-2	553527	543327	555154	550669	1.16	cps
Zinc	66-2	16650	16439	16753	16614	0.96	cps
Zirconium	90-1	251087	250444	248458	249997	0.55	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:52:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	56596	56136	56161	56298	0.46	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:56:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140378	145117	150928	145474	3.63	cps
Antimony	121-1	431586	433285	431158	432009	0.26	cps
Arsenic	75-2	10856	11366	11690	11304	3.72	cps
Barium	135-1	506219	507106	507484	506936	0.13	cps
Barium	137-1	879411	878782	876625	878273	0.17	cps
Beryllium	9-1	214172	216436	215654	215421	0.53	cps
Bismuth	209-1	4935749	4876160	4865943	4892618	0.77	cps
Bismuth	209-2	1869376	2102794	2058979	2010383	6.17	cps
Boron	10-1	24654	25656	24178	24829	3.04	cps
Boron	11-1	111903	111710	114245	112620	1.25	cps
Cadmium	111-1	101423	101222	101902	101515	0.34	cps
Cadmium	106-1	13590	14083	14299	13991	2.60	cps
Cadmium	108-1	8148	7998	8119	8089	0.98	cps
Calcium	43-1	147058	146696	146409	146721	0.22	cps
Calcium	44-1	2544273	2544654	2526930	2538619	0.40	cps
Chromium	52-2	122272	128928	136192	129131	5.39	cps
Cobalt	59-2	187983	196256	208301	197513	5.17	cps
Copper	63-2	262520	274944	288286	275250	4.68	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	25	0	17	14	91.65	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	67	17	42	42	60.00	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	6418270	6357653	6368307	6381410	0.51	cps
Holmium	165-2	2342474	2587095	2577734	2502434	5.54	cps
Indium	115-1	4358858	4313308	4297625	4323264	0.74	cps
Indium	115-2	627695	692594	689149	669813	5.45	cps
Iron	56-2	5171848	5337889	5638011	5382583	4.39	cps
Iron	57-2	125330	131020	136864	131072	4.40	cps
Lead	206-1	451166	444572	444146	446628	0.88	cps
Lead	207-1	419972	418286	416273	418177	0.44	cps
Lead	208-1	1876303	1868425	1865742	1870157	0.29	cps
Lithium	6-1	3451477	3398777	3399218	3416491	0.89	cps
Magnesium	24-2	1716307	1784043	1884303	1794884	4.71	cps
Manganese	55-2	137676	144710	151789	144725	4.88	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:56:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	768027	770530	770085	769547	0.17	cps
Molybdenum	95-1	938036	932258	925293	931862	0.68	cps
Molybdenum	96-1	1029419	1027274	1022106	1026266	0.37	cps
Molybdenum	97-1	578398	581263	577246	578969	0.36	cps
Molybdenum	98-1	1514258	1511969	1510301	1512176	0.13	cps
Neodymium	150-1	33	53	27	38	36.73	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	48951	51163	53966	51360	4.89	cps
Phosphorus	31-2	6152	6277	6593	6340	3.59	cps
Potassium	39-2	547910	572411	601580	573967	4.68	cps
Rhodium	103-1	3737054	3690961	3690230	3706082	0.72	cps
Rhodium	103-2	1487928	1642295	1628237	1586153	5.38	cps
Scandium	45-1	3228762	3188768	3176454	3197994	0.86	cps
Scandium	45-2	126074	143931	138877	136294	6.75	cps
Selenium	77-2	210	223	227	220	4.01	cps
Selenium	78-2	774	732	835	780	6.68	cps
Selenium	82-1	5748	5867	5856	5824	1.13	cps
Silicon	28-1	35897669	35784074	36096887	35926210	0.44	cps
Silver	109-1	451544	451751	449323	450873	0.30	cps
Silver	107-1	477193	477997	473125	476105	0.55	cps
Sodium	23-2	3282835	3449999	3585018	3439284	4.40	cps
Strontium	86-1	124014	123855	124451	124107	0.25	cps
Strontium	88-1	1104347	1095456	1096323	1098709	0.45	cps
Sulfur	34-1	547794	555731	555540	553022	0.82	cps
Terbium	159-1	6471445	6450974	6407071	6443164	0.51	cps
Terbium	159-2	2293093	2536875	2533156	2454375	5.69	cps
Thallium	203-1	536234	534784	537261	536093	0.23	cps
Thallium	205-1	1323327	1313499	1308346	1315057	0.58	cps
Tin	118-1	341075	341089	344069	342077	0.50	cps
Titanium	47-1	324015	325544	322248	323936	0.51	cps
Uranium	238-1	2131302	2126990	2125428	2127907	0.14	cps
Vanadium	51-2	103039	108351	112857	108083	4.55	cps
Yttrium	89-1	4265667	4238429	4206582	4236892	0.70	cps
Yttrium	89-2	482419	531209	531016	514881	5.46	cps
Zinc	66-2	37087	38698	40155	38647	3.97	cps
Zirconium	90-1	641815	635381	639204	638800	0.51	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:56:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	144456	144422	141206	143362	1.30	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:59:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292098	289474	289268	290280	0.54	cps
Antimony	121-1	858195	854992	856899	856695	0.19	cps
Arsenic	75-2	23662	23571	23703	23645	0.29	cps
Barium	135-1	1000168	1000710	1001581	1000820	0.07	cps
Barium	137-1	1743858	1746768	1737688	1742771	0.27	cps
Beryllium	9-1	419725	415009	416071	416935	0.59	cps
Bismuth	209-1	4774263	4665492	4761407	4733721	1.26	cps
Bismuth	209-2	2126103	2115826	2097068	2112999	0.70	cps
Boron	10-1	48922	48780	49992	49231	1.35	cps
Boron	11-1	218090	221025	225210	221442	1.62	cps
Cadmium	111-1	198132	197596	197940	197889	0.14	cps
Cadmium	106-1	24355	25424	25281	25020	2.32	cps
Cadmium	108-1	15788	16460	16122	16123	2.08	cps
Calcium	43-1	291249	291739	288436	290475	0.61	cps
Calcium	44-1	4878825	4833434	4850009	4854089	0.47	cps
Chromium	52-2	268554	268142	266770	267822	0.35	cps
Cobalt	59-2	404880	405657	406965	405834	0.26	cps
Copper	63-2	563609	565359	556947	561971	0.79	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Gadolinium	160-2	33	37	30	33	10.01	cps
Holmium	165-1	6293526	6252139	6310393	6285353	0.48	cps
Holmium	165-2	2660941	2657414	2632880	2650412	0.58	cps
Indium	115-1	4233958	4171301	4210748	4205335	0.75	cps
Indium	115-2	705697	702825	698052	702191	0.55	cps
Iron	56-2	11165264	11026420	11026471	11072718	0.72	cps
Iron	57-2	270209	268071	268655	268978	0.41	cps
Lead	206-1	890913	880402	874909	882075	0.92	cps
Lead	207-1	825809	828221	821396	825142	0.42	cps
Lead	208-1	3701030	3702475	3684102	3695869	0.28	cps
Lithium	6-1	3338462	3311596	3339255	3329771	0.47	cps
Magnesium	24-2	3748525	3699207	3707745	3718492	0.71	cps
Manganese	55-2	298835	298938	299042	298938	0.03	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:59:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1532976	1523060	1518571	1524869	0.48	cps
Molybdenum	95-1	1857038	1849928	1845616	1850860	0.31	cps
Molybdenum	96-1	2048637	2046605	2053753	2049665	0.18	cps
Molybdenum	97-1	1160130	1146688	1158057	1154958	0.63	cps
Molybdenum	98-1	3019646	3020094	3010790	3016843	0.17	cps
Neodymium	150-1	100	73	60	78	26.18	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	104667	104113	104496	104425	0.27	cps
Phosphorus	31-2	12906	12898	12306	12703	2.71	cps
Potassium	39-2	1177121	1165260	1165766	1169382	0.57	cps
Rhodium	103-1	3604721	3569289	3599106	3591039	0.53	cps
Rhodium	103-2	1655625	1657908	1644095	1652542	0.45	cps
Scandium	45-1	3128004	3074273	3117460	3106579	0.92	cps
Scandium	45-2	144268	142154	141983	142801	0.89	cps
Selenium	77-2	500	463	443	469	6.13	cps
Selenium	78-2	1520	1580	1656	1585	4.28	cps
Selenium	82-1	11729	11597	11439	11589	1.25	cps
Silicon	28-1	35872795	35925526	35929371	35909230	0.09	cps
Silver	109-1	890755	891938	891823	891505	0.07	cps
Silver	107-1	936156	932540	931903	933533	0.25	cps
Sodium	23-2	7043508	7007070	6969292	7006624	0.53	cps
Strontium	86-1	244989	250023	246404	247139	1.05	cps
Strontium	88-1	2172596	2159296	2167479	2166457	0.31	cps
Sulfur	34-1	589267	589867	588991	589375	0.08	cps
Terbium	159-1	6356616	6254731	6337121	6316156	0.86	cps
Terbium	159-2	2605570	2600356	2569637	2591854	0.75	cps
Thallium	203-1	1069159	1070148	1061015	1066774	0.47	cps
Thallium	205-1	2617875	2620787	2602966	2613876	0.37	cps
Tin	118-1	685013	676176	680931	680707	0.65	cps
Titanium	47-1	642987	631201	637415	637201	0.93	cps
Uranium	238-1	4315019	4287351	4284908	4295759	0.39	cps
Vanadium	51-2	223401	223190	224314	223635	0.27	cps
Yttrium	89-1	4175598	4100110	4138055	4137921	0.91	cps
Yttrium	89-2	542023	541946	537562	540510	0.47	cps
Zinc	66-2	79826	79609	79082	79506	0.48	cps
Zirconium	90-1	1268766	1259430	1261940	1263378	0.38	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 12:59:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	282400	283966	277157	281174	1.27	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:03:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	563011	560738	564803	562851	0.36	cps
Antimony	121-1	1693299	1695490	1695649	1694813	0.08	cps
Arsenic	75-2	45681	45545	44992	45406	0.80	cps
Barium	135-1	2002641	1979535	1985289	1989155	0.60	cps
Barium	137-1	3493487	3440396	3448189	3460691	0.83	cps
Beryllium	9-1	811943	813906	805744	810531	0.53	cps
Bismuth	209-1	4732089	4701090	4620103	4684427	1.23	cps
Bismuth	209-2	2057095	2022439	2061494	2047009	1.05	cps
Boron	10-1	94586	96423	97110	96040	1.36	cps
Boron	11-1	427012	431874	434271	431052	0.86	cps
Cadmium	111-1	388851	387289	386134	387425	0.35	cps
Cadmium	106-1	47748	46979	47489	47406	0.83	cps
Cadmium	108-1	31393	31113	31118	31208	0.51	cps
Calcium	43-1	569135	564650	562707	565497	0.58	cps
Calcium	44-1	8965467	8955440	8918947	8946618	0.27	cps
Chromium	52-2	519014	517390	517714	518040	0.17	cps
Cobalt	59-2	785002	784902	782353	784086	0.19	cps
Copper	63-2	1081420	1081734	1085312	1082822	0.20	cps
Dysprosium	156-1	42	67	50	53	24.12	cps
Dysprosium	156-2	20	7	10	12	56.76	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	17	25	58	33	66.14	cps
Gadolinium	160-2	17	30	17	21	36.45	cps
Holmium	165-1	6345772	6293580	6214002	6284451	1.06	cps
Holmium	165-2	2612938	2572824	2626602	2604121	1.07	cps
Indium	115-1	4188114	4151400	4122054	4153856	0.80	cps
Indium	115-2	682676	673538	685005	680406	0.89	cps
Iron	56-2	21542587	21456344	21525805	21508245	0.21	cps
Iron	57-2	518033	517735	522346	519371	0.50	cps
Lead	206-1	1754143	1747772	1740703	1747539	0.38	cps
Lead	207-1	1633271	1617713	1627607	1626197	0.48	cps
Lead	208-1	7365729	7333417	7315604	7338250	0.35	cps
Lithium	6-1	3292482	3294401	3262057	3282980	0.55	cps
Magnesium	24-2	7241186	7228568	7260082	7243279	0.22	cps
Manganese	55-2	581144	580471	582594	581403	0.19	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:03:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3023995	3005210	3010832	3013346	0.32	cps
Molybdenum	95-1	3666375	3660234	3661191	3662600	0.09	cps
Molybdenum	96-1	4071420	4077745	4046561	4065242	0.41	cps
Molybdenum	97-1	2300576	2281060	2273574	2285070	0.61	cps
Molybdenum	98-1	6000093	6013020	5957207	5990107	0.49	cps
Neodymium	150-1	207	180	247	211	15.89	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	202173	200291	200098	200854	0.57	cps
Phosphorus	31-2	23645	24871	24221	24246	2.53	cps
Potassium	39-2	2252897	2256761	2268219	2259292	0.35	cps
Rhodium	103-1	3543814	3536354	3474005	3518058	1.09	cps
Rhodium	103-2	1597475	1578533	1604642	1593550	0.85	cps
Scandium	45-1	3104535	3074089	3025499	3068041	1.30	cps
Scandium	45-2	138237	135641	139158	137679	1.32	cps
Selenium	77-2	967	920	923	937	2.78	cps
Selenium	78-2	3152	3137	3117	3136	0.56	cps
Selenium	82-1	22435	22382	22697	22505	0.75	cps
Silicon	28-1	35991808	35547291	35825263	35788121	0.63	cps
Silver	109-1	1749993	1743245	1737167	1743469	0.37	cps
Silver	107-1	1824134	1816755	1809418	1816769	0.41	cps
Sodium	23-2	13638211	13680274	13759046	13692511	0.45	cps
Strontium	86-1	481409	485042	484324	483592	0.40	cps
Strontium	88-1	4308839	4321911	4311601	4314117	0.16	cps
Sulfur	34-1	677632	679672	669306	675537	0.81	cps
Terbium	159-1	6375647	6325132	6286023	6328934	0.71	cps
Terbium	159-2	2561582	2516406	2570117	2549368	1.13	cps
Thallium	203-1	2119161	2108145	2086337	2104548	0.79	cps
Thallium	205-1	5231497	5239452	5185717	5218888	0.56	cps
Tin	118-1	1347862	1339667	1341518	1343016	0.32	cps
Titanium	47-1	1252035	1257473	1247105	1252204	0.41	cps
Uranium	238-1	8399015	8385991	8373796	8386267	0.15	cps
Vanadium	51-2	431818	435598	437799	435072	0.70	cps
Yttrium	89-1	4106595	4106785	4067450	4093610	0.55	cps
Yttrium	89-2	529414	526134	533136	529561	0.66	cps
Zinc	66-2	151802	151802	153517	152374	0.65	cps
Zirconium	90-1	2494247	2500784	2478269	2491100	0.46	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:03:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	559160	552837	560374	557457	0.73	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P7
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 13:07:25 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1006244	995821	1088339	1030134	4.92	cps
Antimony	121-1	3340388	3354904	3335639	3343644	0.30	cps
Arsenic	75-2	81385	80555	87621	83187	4.64	cps
Barium	135-1	3964667	3962301	3925680	3950882	0.55	cps
Barium	137-1	6852710	6840166	6835934	6842937	0.13	cps
Beryllium	9-1	1562974	1563901	1553130	1560002	0.38	cps
Bismuth	209-1	4667521	4603158	4463999	4578226	2.27	cps
Bismuth	209-2	1841946	1836295	2017651	1898631	5.43	cps
Boron	10-1	185598	191748	192912	190086	2.07	cps
Boron	11-1	844365	851656	859344	851788	0.88	cps
Cadmium	111-1	745427	740373	742062	742620	0.35	cps
Cadmium	106-1	89339	88559	87964	88621	0.78	cps
Cadmium	108-1	59884	60537	59064	59829	1.23	cps
Calcium	43-1	1100818	1104745	1095908	1100490	0.40	cps
Calcium	44-1	17214287	17409019	17053238	17225515	1.03	cps
Chromium	52-2	923476	914996	995759	944744	4.70	cps
Cobalt	59-2	1389799	1377301	1506662	1424587	5.01	cps
Copper	63-2	1903584	1891002	2072114	1955567	5.17	cps
Dysprosium	156-1	133	108	75	106	27.73	cps
Dysprosium	156-2	20	27	23	23	14.29	cps
Erbium	164-1	67	17	33	39	65.47	cps
Erbium	164-2	23	7	17	16	53.90	cps
Gadolinium	160-1	33	17	58	36	58.08	cps
Gadolinium	160-2	23	20	10	18	39.03	cps
Holmium	165-1	6335493	6299025	6137892	6257470	1.68	cps
Holmium	165-2	2353603	2358078	2607638	2439773	5.96	cps
Indium	115-1	4064656	4023812	3931747	4006738	1.70	cps
Indium	115-2	600442	599213	658295	619316	5.45	cps
Iron	56-2	38386340	37974427	41259072	39206613	4.56	cps
Iron	57-2	925545	922262	1006113	951307	4.99	cps
Lead	206-1	3486535	3460278	3434493	3460435	0.75	cps
Lead	207-1	3251464	3257137	3214207	3240936	0.72	cps
Lead	208-1	14571780	14588398	14463863	14541347	0.46	cps
Lithium	6-1	3210602	3207449	3149693	3189248	1.08	cps
Magnesium	24-2	12914062	12761343	13818379	13164595	4.34	cps
Manganese	55-2	1045973	1030242	1121510	1065908	4.58	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:07:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5924596	5928429	5920891	5924639	0.06	cps
Molybdenum	95-1	7287117	7233373	7227699	7249397	0.45	cps
Molybdenum	96-1	7991991	7990983	7953890	7978954	0.27	cps
Molybdenum	97-1	4524438	4502987	4492467	4506631	0.36	cps
Molybdenum	98-1	11806701	11773898	11758183	11779594	0.21	cps
Neodymium	150-1	367	400	340	369	8.15	cps
Neodymium	150-2	20	27	47	31	44.61	cps
Nickel	60-2	353767	351249	377285	360767	3.98	cps
Phosphorus	31-2	42503	41717	46214	43478	5.52	cps
Potassium	39-2	4050342	3980822	4353336	4128167	4.80	cps
Rhodium	103-1	3405145	3374036	3316851	3365344	1.33	cps
Rhodium	103-2	1416544	1408170	1526942	1450552	4.57	cps
Scandium	45-1	3024514	3004893	2932096	2987168	1.63	cps
Scandium	45-2	122877	121217	134447	126180	5.71	cps
Selenium	77-2	1807	1567	1717	1697	7.15	cps
Selenium	78-2	5564	5408	5783	5585	3.37	cps
Selenium	82-1	43536	43286	43502	43441	0.31	cps
Silicon	28-1	36396258	36524112	36687496	36535955	0.40	cps
Silver	109-1	3379345	3374371	3357305	3370340	0.34	cps
Silver	107-1	3527709	3509415	3501124	3512749	0.39	cps
Sodium	23-2	24456017	24280795	26268927	25001913	4.40	cps
Strontium	86-1	957357	947569	946280	950402	0.64	cps
Strontium	88-1	8438928	8449719	8382435	8423694	0.43	cps
Sulfur	34-1	847826	835176	832974	838659	0.96	cps
Terbium	159-1	6335153	6300056	6247391	6294200	0.70	cps
Terbium	159-2	2309862	2299762	2524445	2378023	5.34	cps
Thallium	203-1	4241835	4218389	4183243	4214489	0.70	cps
Thallium	205-1	10360971	10309809	10293832	10321537	0.34	cps
Tin	118-1	2663181	2634910	2622763	2640285	0.79	cps
Titanium	47-1	2473506	2473273	2459944	2468907	0.31	cps
Uranium	238-1	16871256	16907375	16768364	16848998	0.43	cps
Vanadium	51-2	781764	773795	841091	798884	4.60	cps
Yttrium	89-1	4059644	4013537	3927158	4000113	1.68	cps
Yttrium	89-2	475770	470309	516324	487468	5.16	cps
Zinc	66-2	265136	263837	286677	271883	4.72	cps
Zirconium	90-1	4979520	4957709	4924511	4953913	0.56	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:07:25	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1092774	1081759	1080285	1084939	0.63	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:11:08	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5477319	5456001	5484844	5472721	0.27	cps
Antimony	121-1	9270	8520	8395	8728	5.43	cps
Arsenic	75-2	48	41	57	49	17.13	cps
Barium	135-1	1308	1442	1392	1381	4.88	cps
Barium	137-1	2475	2667	2234	2459	8.83	cps
Beryllium	9-1	1967	1628	1672	1756	10.49	cps
Bismuth	209-1	4019586	4055420	4062977	4045994	0.57	cps
Bismuth	209-2	1806311	1856067	1844826	1835735	1.42	cps
Boron	10-1	7144	6460	6285	6629	6.85	cps
Boron	11-1	31751	29672	27935	29786	6.41	cps
Cadmium	111-1	1389	1614	1509	1504	7.49	cps
Cadmium	106-1	1817	2192	2025	2011	9.34	cps
Cadmium	108-1	29	29	25	28	8.67	cps
Calcium	43-1	5679314	5715450	5716177	5703647	0.37	cps
Calcium	44-1	87406873	87845714	87891304	87714630	0.30	cps
Chromium	52-2	9006	9243	8603	8951	3.62	cps
Cobalt	59-2	1703	1840	1850	1798	4.56	cps
Copper	63-2	3420	3360	3500	3427	2.05	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	13	17	7	12	41.65	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	58	25	33	39	44.62	cps
Gadolinium	160-2	17	37	20	24	43.83	cps
Holmium	165-1	5909997	5918995	5940598	5923197	0.27	cps
Holmium	165-2	2443216	2516993	2497474	2485894	1.54	cps
Indium	115-1	3707071	3729471	3714623	3717055	0.31	cps
Indium	115-2	625789	638659	638985	634477	1.19	cps
Iron	56-2	203146977	203215360	204029027	203463788	0.24	cps
Iron	57-2	5010246	4986226	5003684	5000052	0.25	cps
Lead	206-1	4690	4707	4795	4731	1.20	cps
Lead	207-1	4423	4401	4212	4345	2.67	cps
Lead	208-1	19356	19528	19623	19502	0.69	cps
Lithium	6-1	2996704	3019185	3017770	3011220	0.42	cps
Magnesium	24-2	69438135	69489566	69275416	69401039	0.16	cps
Manganese	55-2	3067	2907	2790	2921	4.76	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:11:08	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3142	3367	2967	3159	6.35	cps
Molybdenum	95-1	5143	4859	4626	4876	5.31	cps
Molybdenum	96-1	5651	5109	5310	5357	5.12	cps
Molybdenum	97-1	3217	3017	2742	2992	7.97	cps
Molybdenum	98-1	8403	7686	7252	7780	7.47	cps
Neodymium	150-1	60	20	33	38	53.92	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	2677	2577	2447	2567	4.49	cps
Phosphorus	31-2	475	475	375	442	13.07	cps
Potassium	39-2	21652568	21715736	21797915	21722073	0.34	cps
Rhodium	103-1	3035393	3042202	3052971	3043522	0.29	cps
Rhodium	103-2	1400235	1438852	1435718	1424935	1.51	cps
Scandium	45-1	2839251	2863212	2876481	2859648	0.66	cps
Scandium	45-2	132426	136566	136142	135044	1.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	28	13	20	37.90	cps
Selenium	82-1	26	41	-12	19	148.87	cps
Silicon	28-1	34300646	34260427	34036273	34199115	0.42	cps
Silver	109-1	417	392	350	386	8.72	cps
Silver	107-1	492	433	433	453	7.44	cps
Sodium	23-2	131320986	130831899	131517861	131223582	0.27	cps
Strontium	86-1	32312	32061	32805	32393	1.17	cps
Strontium	88-1	281705	279421	282085	281070	0.51	cps
Sulfur	34-1	472738	470541	474766	472681	0.45	cps
Terbium	159-1	5921212	5952902	5956221	5943445	0.33	cps
Terbium	159-2	2396961	2448497	2434297	2426585	1.10	cps
Thallium	203-1	1442	1258	1067	1256	14.94	cps
Thallium	205-1	3692	3351	3217	3420	7.17	cps
Tin	118-1	3742	3476	3417	3545	4.89	cps
Titanium	47-1	958	725	867	850	13.83	cps
Uranium	238-1	1659	1484	1358	1500	10.05	cps
Vanadium	51-2	220	187	203	203	8.20	cps
Yttrium	89-1	3786850	3793864	3807540	3796084	0.28	cps
Yttrium	89-2	499383	512685	513540	508536	1.56	cps
Zinc	66-2	683	760	780	741	6.89	cps
Zirconium	90-1	1183	1017	1233	1145	9.91	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:11:08	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	275	250	272	7.70	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 13:31:48 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29396	26600	29162	28386	5.47	cps
Antimony	121-1	657685	653655	653256	654865	0.37	cps
Arsenic	75-2	18089	17194	18176	17820	3.05	cps
Barium	135-1	78849	77968	77316	78044	0.99	cps
Barium	137-1	135071	134668	134809	134849	0.15	cps
Beryllium	9-1	163071	161061	162301	162144	0.63	cps
Bismuth	209-1	4935322	4755630	4916792	4869248	2.03	cps
Bismuth	209-2	2190615	1928683	2157476	2092258	6.82	cps
Boron	10-1	114035	114901	114414	114450	0.38	cps
Boron	11-1	518332	515477	517312	517040	0.28	cps
Cadmium	111-1	84006	82231	83500	83245	1.10	cps
Cadmium	106-1	21909	21116	20749	21258	2.79	cps
Cadmium	108-1	10429	10179	10212	10273	1.32	cps
Calcium	43-1	24696	24120	25155	24657	2.10	cps
Calcium	44-1	575605	569912	572443	572654	0.50	cps
Chromium	52-2	102734	95251	102473	100153	4.24	cps
Cobalt	59-2	160925	148021	156518	155154	4.23	cps
Copper	63-2	112330	104188	111464	109327	4.09	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	17	7	20	14	48.02	cps
Gadolinium	160-1	67	33	33	44	43.31	cps
Gadolinium	160-2	30	10	20	20	50.00	cps
Holmium	165-1	6368191	6288680	6381994	6346288	0.79	cps
Holmium	165-2	2663470	2372519	2659007	2564999	6.50	cps
Indium	115-1	4299186	4164151	4212985	4225441	1.62	cps
Indium	115-2	702606	628672	701622	677633	6.26	cps
Iron	56-2	866337	798425	865070	843277	4.61	cps
Iron	57-2	21305	20231	21160	20899	2.79	cps
Lead	206-1	712871	711060	718425	714119	0.54	cps
Lead	207-1	643524	636332	639990	639949	0.56	cps
Lead	208-1	2928045	2915680	2941666	2928464	0.44	cps
Lithium	6-1	3427845	3345494	3369281	3380873	1.25	cps
Magnesium	24-2	173258	159456	170938	167884	4.40	cps
Manganese	55-2	58985	53641	57294	56640	4.82	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:31:48	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1463814	1457364	1458561	1459913	0.24	cps
Molybdenum	95-1	770642	766817	767136	768198	0.28	cps
Molybdenum	96-1	989573	980237	985480	985097	0.48	cps
Molybdenum	97-1	480397	476573	483536	480169	0.73	cps
Molybdenum	98-1	1257472	1247825	1252941	1252746	0.39	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	43307	38959	41559	41275	5.30	cps
Phosphorus	31-2	383	342	275	333	16.39	cps
Potassium	39-2	201153	182839	196594	193528	4.93	cps
Rhodium	103-1	3729278	3630781	3660976	3673678	1.37	cps
Rhodium	103-2	1699372	1514856	1682010	1632079	6.24	cps
Scandium	45-1	3160493	3101614	3111400	3124502	1.01	cps
Scandium	45-2	146782	129039	143466	139762	6.75	cps
Selenium	77-2	400	373	353	376	6.23	cps
Selenium	78-2	1270	1113	1272	1219	7.50	cps
Selenium	82-1	9022	8888	9205	9038	1.76	cps
Silicon	28-1	37262457	37465634	37541155	37423082	0.39	cps
Silver	109-1	352259	348016	346703	348993	0.83	cps
Silver	107-1	369457	367428	365870	367585	0.49	cps
Sodium	23-2	573617	534844	570437	559633	3.85	cps
Strontium	86-1	512951	513582	510271	512268	0.34	cps
Strontium	88-1	4582598	4590553	4563708	4578953	0.30	cps
Sulfur	34-1	499131	500651	503016	500933	0.39	cps
Terbium	159-1	6457428	6276054	6386740	6373408	1.43	cps
Terbium	159-2	2597579	2331426	2592447	2507151	6.07	cps
Thallium	203-1	864392	865592	868256	866080	0.23	cps
Thallium	205-1	2119497	2117364	2140539	2125800	0.60	cps
Tin	118-1	1444253	1438517	1430029	1437600	0.50	cps
Titanium	47-1	270167	270224	267523	269305	0.57	cps
Uranium	238-1	8789489	8748476	8842006	8793324	0.53	cps
Vanadium	51-2	86036	79640	86183	83953	4.45	cps
Yttrium	89-1	4216077	4100118	4135269	4150488	1.43	cps
Yttrium	89-2	545951	487873	536939	523588	5.97	cps
Zinc	66-2	31280	28802	31080	30387	4.53	cps
Zirconium	90-1	2765221	2765509	2757753	2762828	0.16	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:31:48	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	613336	608694	608769	610266	0.44	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 13:38:36 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	25	22	21.64	cps
Antimony	121-1	942	892	900	911	2.94	cps
Arsenic	75-2	11	4	2	6	88.24	cps
Barium	135-1	33	25	100	53	77.89	cps
Barium	137-1	117	67	50	78	44.61	cps
Beryllium	9-1	256	400	328	328	22.03	cps
Bismuth	209-1	4786794	4838313	4747216	4790774	0.95	cps
Bismuth	209-2	2220731	2114857	2148205	2161264	2.50	cps
Boron	10-1	1025	1192	1192	1136	8.47	cps
Boron	11-1	5276	5418	5051	5248	3.52	cps
Cadmium	111-1	1650	1541	1371	1521	9.27	cps
Cadmium	106-1	2342	2200	1959	2167	8.95	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	108	92	133	111	18.88	cps
Calcium	44-1	195486	194648	193821	194651	0.43	cps
Chromium	52-2	173	133	147	151	13.48	cps
Cobalt	59-2	130	127	110	122	8.77	cps
Copper	63-2	1093	957	997	1016	6.92	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	20	10	3	11	75.52	cps
Gadolinium	160-1	8	33	42	28	62.46	cps
Gadolinium	160-2	23	33	10	22	52.68	cps
Holmium	165-1	6248498	6309097	6234199	6263931	0.63	cps
Holmium	165-2	2700305	2589605	2622726	2637545	2.15	cps
Indium	115-1	4224572	4244597	4195257	4221475	0.59	cps
Indium	115-2	725476	698862	708200	710846	1.90	cps
Iron	56-2	5162	5190	5257	5203	0.93	cps
Iron	57-2	111	183	189	161	26.93	cps
Lead	206-1	256	306	350	304	15.56	cps
Lead	207-1	250	261	222	244	8.19	cps
Lead	208-1	1100	1283	1217	1200	7.73	cps
Lithium	6-1	3359645	3401564	3358586	3373265	0.73	cps
Magnesium	24-2	1817	1742	1759	1772	2.22	cps
Manganese	55-2	47	83	67	66	28.00	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:38:36	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	342	383	314	27.63	cps
Molybdenum	95-1	233	267	258	253	6.86	cps
Molybdenum	96-1	217	283	267	256	13.58	cps
Molybdenum	97-1	125	108	175	136	25.49	cps
Molybdenum	98-1	442	383	408	411	7.12	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	410	360	360	377	7.66	cps
Phosphorus	31-2	367	375	417	386	6.94	cps
Potassium	39-2	24463	23152	24521	24045	3.22	cps
Rhodium	103-1	3638339	3672598	3633217	3648052	0.59	cps
Rhodium	103-2	1751464	1674379	1690307	1705383	2.39	cps
Scandium	45-1	3086235	3125505	3103226	3104989	0.63	cps
Scandium	45-2	148780	141585	142518	144294	2.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	11	9	10	10.81	cps
Selenium	82-1	-11	-33	-37	-27	-51.47	cps
Silicon	28-1	35811753	36096586	35822974	35910438	0.45	cps
Silver	109-1	58	25	58	47	40.76	cps
Silver	107-1	75	42	92	69	36.66	cps
Sodium	23-2	29930	28712	29238	29293	2.09	cps
Strontium	86-1	225	208	200	211	6.03	cps
Strontium	88-1	258	200	233	231	12.69	cps
Sulfur	34-1	508541	510000	501219	506587	0.93	cps
Terbium	159-1	6273394	6348348	6274506	6298749	0.68	cps
Terbium	159-2	2652862	2543229	2565269	2587120	2.24	cps
Thallium	203-1	83	83	133	100	28.87	cps
Thallium	205-1	208	267	208	228	14.78	cps
Tin	118-1	917	917	858	897	3.75	cps
Titanium	47-1	200	183	150	178	14.32	cps
Uranium	238-1	150	267	58	158	65.95	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	4088651	4150157	4087020	4108609	0.88	cps
Yttrium	89-2	556847	532345	540492	543228	2.30	cps
Zinc	66-2	167	170	153	163	5.40	cps
Zirconium	90-1	333	508	300	381	29.41	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:38:36	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	75	100	92	15.75	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:42:09	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5060924	5030628	5041026	5044193	0.31	cps
Antimony	121-1	4184	4226	4284	4231	1.19	cps
Arsenic	75-2	41	13	43	32	51.71	cps
Barium	135-1	933	1200	1383	1172	19.30	cps
Barium	137-1	1925	2142	2117	2061	5.75	cps
Beryllium	9-1	611	772	794	726	13.78	cps
Bismuth	209-1	4640554	4469769	4633106	4581143	2.11	cps
Bismuth	209-2	1967552	1931389	1961273	1953405	0.99	cps
Boron	10-1	1083	1125	1075	1095	2.45	cps
Boron	11-1	5076	4926	4918	4973	1.79	cps
Cadmium	111-1	2055	2076	2054	2062	0.60	cps
Cadmium	106-1	2050	2034	2067	2050	0.81	cps
Cadmium	108-1	1275	1342	1442	1353	6.20	cps
Calcium	43-1	1079892	1069547	1059709	1069716	0.94	cps
Calcium	44-1	16836050	16884521	16828485	16849685	0.18	cps
Chromium	52-2	19396	19443	19957	19599	1.59	cps
Cobalt	59-2	1710	1740	1727	1726	0.87	cps
Copper	63-2	9013	8930	9180	9041	1.41	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	13	37	20	23	51.52	cps
Holmium	165-1	6295272	6228986	6390679	6304979	1.29	cps
Holmium	165-2	2546236	2515083	2564232	2541850	0.98	cps
Indium	115-1	4112492	4005606	4126954	4081684	1.62	cps
Indium	115-2	662844	652334	658387	657855	0.80	cps
Iron	56-2	80112557	79704793	80044530	79953960	0.27	cps
Iron	57-2	1937609	1938633	1934356	1936866	0.12	cps
Lead	206-1	18469	17729	18447	18215	2.31	cps
Lead	207-1	15187	15048	14848	15027	1.13	cps
Lead	208-1	71365	69055	70151	70190	1.65	cps
Lithium	6-1	3274362	3211553	3288703	3258206	1.26	cps
Magnesium	24-2	13537888	13541034	13582852	13553924	0.19	cps
Manganese	55-2	4234	4277	4331	4281	1.13	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 13:42:09 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1536630	1529931	1524675	1530412	0.39	cps
Molybdenum	95-1	2692846	2688231	2688081	2689719	0.10	cps
Molybdenum	96-1	2863544	2848114	2862197	2857952	0.30	cps
Molybdenum	97-1	1677155	1680788	1670866	1676270	0.30	cps
Molybdenum	98-1	4398074	4382953	4405269	4395432	0.26	cps
Neodymium	150-1	27	53	7	29	81.04	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2144	2160	2247	2184	2.54	cps
Phosphorus	31-2	224275	223103	220438	222606	0.88	cps
Potassium	39-2	8348961	8299431	8276645	8308345	0.45	cps
Rhodium	103-1	3394497	3322528	3404128	3373718	1.32	cps
Rhodium	103-2	1514917	1488641	1512204	1505254	0.96	cps
Scandium	45-1	3069529	2933829	3045450	3016269	2.40	cps
Scandium	45-2	135052	129843	132341	132412	1.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	15	11	4	10	57.32	cps
Selenium	82-1	-9	-17	-11	-12	-36.83	cps
Silicon	28-1	35467749	35506003	35705898	35559883	0.36	cps
Silver	109-1	250	325	292	289	13.01	cps
Silver	107-1	275	250	267	264	4.82	cps
Sodium	23-2	25779704	25763431	25857407	25800181	0.19	cps
Strontium	86-1	32020	31769	31544	31778	0.75	cps
Strontium	88-1	274793	274969	271778	273847	0.65	cps
Sulfur	34-1	2286869	2277923	2263541	2276111	0.52	cps
Terbium	159-1	6335375	6222919	6432329	6330208	1.66	cps
Terbium	159-2	2476540	2454399	2488471	2473137	0.70	cps
Thallium	203-1	717	675	550	647	13.40	cps
Thallium	205-1	1709	1575	1592	1625	4.47	cps
Tin	118-1	1167	1100	942	1070	10.81	cps
Titanium	47-1	979833	975802	977248	977628	0.21	cps
Uranium	238-1	325	317	358	333	6.62	cps
Vanadium	51-2	163	117	117	132	20.38	cps
Yttrium	89-1	4061116	3961905	4036057	4019692	1.28	cps
Yttrium	89-2	510835	502948	508000	507261	0.79	cps
Zinc	66-2	1670	1670	1780	1707	3.72	cps
Zirconium	90-1	1875	1675	1275	1608	19.00	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:42:09	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	367	275	361	23.12	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:45:40	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5085097	5076858	5027545	5063167	0.61	cps
Antimony	121-1	66392	68242	66651	67095	1.49	cps
Arsenic	75-2	1656	1691	1687	1678	1.15	cps
Barium	135-1	16569	16352	17136	16686	2.43	cps
Barium	137-1	28430	28731	28489	28550	0.56	cps
Beryllium	9-1	31800	31617	31149	31522	1.07	cps
Bismuth	209-1	4627654	4472524	4693508	4597895	2.47	cps
Bismuth	209-2	1992744	1894700	1976695	1954713	2.69	cps
Boron	10-1	13156	13223	12981	13120	0.95	cps
Boron	11-1	57460	60304	59300	59021	2.44	cps
Cadmium	111-1	16857	16391	16702	16650	1.43	cps
Cadmium	106-1	4551	4401	4551	4501	1.93	cps
Cadmium	108-1	2917	2855	2942	2905	1.55	cps
Calcium	43-1	1077158	1075908	1073753	1075606	0.16	cps
Calcium	44-1	16914315	16991783	16963506	16956535	0.23	cps
Chromium	52-2	39269	39022	38858	39050	0.53	cps
Cobalt	59-2	31808	31407	31016	31410	1.26	cps
Copper	63-2	29189	28825	29193	29069	0.73	cps
Dysprosium	156-1	8	42	58	36	70.51	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	17	8	50	25	88.19	cps
Erbium	164-2	7	3	20	10	88.20	cps
Gadolinium	160-1	8	33	33	25	57.74	cps
Gadolinium	160-2	40	27	30	32	21.53	cps
Holmium	165-1	6328144	6240205	6446730	6338359	1.64	cps
Holmium	165-2	2595412	2478942	2566280	2546878	2.38	cps
Indium	115-1	4129542	4011529	4174220	4105097	2.05	cps
Indium	115-2	671880	639219	661631	657577	2.54	cps
Iron	56-2	80232218	80492663	80159643	80294842	0.22	cps
Iron	57-2	1938161	1938891	1936589	1937880	0.06	cps
Lead	206-1	86430	86077	85776	86094	0.38	cps
Lead	207-1	73044	74223	75212	74160	1.46	cps
Lead	208-1	338496	341012	342571	340693	0.60	cps
Lithium	6-1	3280751	3197026	3301742	3259840	1.70	cps
Magnesium	24-2	13629362	13658201	13573314	13620292	0.32	cps
Manganese	55-2	15171	15385	15372	15309	0.78	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:45:40	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1699873	1705377	1694376	1699875	0.32	cps
Molybdenum	95-1	2794743	2802783	2793110	2796879	0.19	cps
Molybdenum	96-1	2986441	2985916	2981180	2984512	0.10	cps
Molybdenum	97-1	1736670	1743040	1729044	1736251	0.40	cps
Molybdenum	98-1	4577703	4572572	4549371	4566549	0.33	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	9813	9643	9777	9744	0.92	cps
Phosphorus	31-2	221374	219947	220279	220534	0.34	cps
Potassium	39-2	8394839	8407091	8316537	8372822	0.59	cps
Rhodium	103-1	3396814	3297413	3432136	3375455	2.07	cps
Rhodium	103-2	1536958	1467563	1515217	1506579	2.36	cps
Scandium	45-1	3018890	2927457	3044150	2996832	2.05	cps
Scandium	45-2	138086	128460	134100	133549	3.62	cps
Selenium	77-2	43	33	30	36	19.51	cps
Selenium	78-2	133	152	119	135	12.41	cps
Selenium	82-1	781	813	721	772	6.00	cps
Silicon	28-1	36744955	36679719	36795400	36740024	0.16	cps
Silver	109-1	62857	62012	61727	62199	0.95	cps
Silver	107-1	64589	64514	65460	64855	0.81	cps
Sodium	23-2	26010041	26053852	25951532	26005141	0.20	cps
Strontium	86-1	87591	87583	87767	87647	0.12	cps
Strontium	88-1	778882	770272	774195	774450	0.56	cps
Sulfur	34-1	2293070	2290703	2285818	2289864	0.16	cps
Terbium	159-1	6354195	6217973	6477531	6349900	2.04	cps
Terbium	159-2	2536427	2410561	2495862	2480950	2.59	cps
Thallium	203-1	81358	82120	82641	82040	0.79	cps
Thallium	205-1	198502	200317	201384	200068	0.73	cps
Tin	118-1	156748	158222	159900	158290	1.00	cps
Titanium	47-1	1013382	1010673	1006955	1010337	0.32	cps
Uranium	238-1	1005674	998436	999378	1001163	0.39	cps
Vanadium	51-2	16213	16773	16620	16535	1.75	cps
Yttrium	89-1	4051817	3932281	4079414	4021171	1.94	cps
Yttrium	89-2	520475	490624	509037	506712	2.97	cps
Zinc	66-2	4601	4654	4457	4571	2.23	cps
Zirconium	90-1	299736	301009	306459	302401	1.18	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:45:40	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	68012	68607	67585	68068	0.75	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P7
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:49:11	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2815235	2825825	2805412	2815491	0.36	cps
Antimony	121-1	1614903	1613143	1628039	1618695	0.50	cps
Arsenic	75-2	43405	43949	43671	43675	0.62	cps
Barium	135-1	1937648	1937838	1933860	1936449	0.12	cps
Barium	137-1	3381815	3381480	3363880	3375725	0.30	cps
Beryllium	9-1	780383	784395	785295	783358	0.33	cps
Bismuth	209-1	4311728	4385619	4398614	4365320	1.07	cps
Bismuth	209-2	1906690	1872368	1892239	1890432	0.91	cps
Boron	10-1	92582	94410	97429	94807	2.58	cps
Boron	11-1	419479	425318	428826	424541	1.11	cps
Cadmium	111-1	358983	358150	359536	358889	0.19	cps
Cadmium	106-1	44471	44580	44153	44401	0.50	cps
Cadmium	108-1	28679	28537	28262	28493	0.75	cps
Calcium	43-1	2786034	2770682	2761038	2772585	0.45	cps
Calcium	44-1	43103644	43112256	43165571	43127157	0.08	cps
Chromium	52-2	508353	509551	507976	508627	0.16	cps
Cobalt	59-2	747962	747589	743174	746242	0.36	cps
Copper	63-2	999082	1004555	1004261	1002633	0.31	cps
Dysprosium	156-1	75	58	67	67	12.49	cps
Dysprosium	156-2	33	13	17	21	50.75	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	17	0	33	17	99.99	cps
Gadolinium	160-2	23	43	20	29	43.68	cps
Holmium	165-1	6090783	6163668	6191463	6148638	0.85	cps
Holmium	165-2	2512439	2504003	2511094	2509179	0.18	cps
Indium	115-1	3845172	3924054	3902589	3890605	1.05	cps
Indium	115-2	636125	629371	634879	633458	0.57	cps
Iron	56-2	103367011	103408880	103226138	103334010	0.09	cps
Iron	57-2	2501476	2507339	2509255	2506023	0.16	cps
Lead	206-1	1689642	1678108	1680514	1682755	0.36	cps
Lead	207-1	1580157	1571684	1575809	1575883	0.27	cps
Lead	208-1	7113121	7082551	7076088	7090587	0.28	cps
Lithium	6-1	3116566	3149617	3132798	3132994	0.53	cps
Magnesium	24-2	35346405	35343060	35294195	35327887	0.08	cps
Manganese	55-2	560497	562290	561836	561541	0.17	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P7
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:49:11	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2954932	2926742	2946094	2942589	0.49	cps
Molybdenum	95-1	3582134	3578405	3569011	3576517	0.19	cps
Molybdenum	96-1	3950109	3967536	3945569	3954405	0.29	cps
Molybdenum	97-1	2225661	2233292	2225240	2228064	0.20	cps
Molybdenum	98-1	5873470	5857240	5863704	5864805	0.14	cps
Neodymium	150-1	127	193	173	164	20.80	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	186093	188954	188579	187875	0.83	cps
Phosphorus	31-2	23929	23953	23352	23745	1.43	cps
Potassium	39-2	10912703	11044493	11007569	10988255	0.62	cps
Rhodium	103-1	3173789	3226321	3219370	3206493	0.89	cps
Rhodium	103-2	1463175	1444992	1458743	1455637	0.65	cps
Scandium	45-1	2908873	2960724	2948535	2939377	0.92	cps
Scandium	45-2	134139	131504	132949	132864	0.99	cps
Selenium	77-2	833	870	803	836	4.00	cps
Selenium	78-2	2913	2706	2930	2850	4.38	cps
Selenium	82-1	20912	20958	21009	20960	0.23	cps
Silicon	28-1	38128370	37668786	37795108	37864088	0.63	cps
Silver	109-1	1622845	1618794	1613434	1618357	0.29	cps
Silver	107-1	1698814	1693961	1693409	1695395	0.18	cps
Sodium	23-2	67089891	67492995	67490641	67357842	0.34	cps
Strontium	86-1	483818	484406	480973	483065	0.38	cps
Strontium	88-1	4318971	4283739	4278352	4293687	0.51	cps
Sulfur	34-1	668365	658791	669443	665533	0.88	cps
Terbium	159-1	6112248	6164110	6185820	6154059	0.61	cps
Terbium	159-2	2456230	2428833	2437586	2440883	0.57	cps
Thallium	203-1	2048306	2044204	2039089	2043866	0.23	cps
Thallium	205-1	5046478	5059995	5059493	5055322	0.15	cps
Tin	118-1	1286737	1285856	1291823	1288139	0.25	cps
Titanium	47-1	1234924	1225802	1224979	1228568	0.45	cps
Uranium	238-1	8377704	8357327	8404841	8379957	0.28	cps
Vanadium	51-2	427576	428302	429157	428345	0.18	cps
Yttrium	89-1	3867986	3913692	3907340	3896339	0.64	cps
Yttrium	89-2	503359	496769	502110	500746	0.70	cps
Zinc	66-2	139296	137419	137506	138074	0.77	cps
Zirconium	90-1	2443048	2421838	2437906	2434264	0.45	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV054	Instrumnet Name :	P7
Client Sample ID :	CCV054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:49:11	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	544768	542907	544359	544012	0.18	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : CCB054 Instrumnet Name : P7
 Client Sample ID : CCB054 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 13:59:40 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	117	92	24.05	cps
Antimony	121-1	933	1058	875	956	9.80	cps
Arsenic	75-2	6	4	2	4	50.09	cps
Barium	135-1	58	67	75	67	12.49	cps
Barium	137-1	142	117	192	150	25.46	cps
Beryllium	9-1	433	489	506	476	7.95	cps
Bismuth	209-1	4999011	4766147	4708795	4824651	3.19	cps
Bismuth	209-2	2087597	2164870	2199171	2150546	2.66	cps
Boron	10-1	942	867	750	853	11.33	cps
Boron	11-1	4342	4201	4234	4259	1.74	cps
Cadmium	111-1	1348	1591	1323	1421	10.41	cps
Cadmium	106-1	1917	2259	1884	2020	10.28	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	175	108	167	150	24.22	cps
Calcium	44-1	209674	207342	210831	209282	0.85	cps
Chromium	52-2	120	147	120	129	11.95	cps
Cobalt	59-2	123	70	163	119	39.39	cps
Copper	63-2	1017	1150	1110	1092	6.26	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	27	17	37	27	37.50	cps
Holmium	165-1	6431457	6293664	6196386	6307169	1.87	cps
Holmium	165-2	2567440	2657871	2680905	2635405	2.28	cps
Indium	115-1	4322287	4166593	4135258	4208046	2.38	cps
Indium	115-2	689709	711824	718427	706654	2.13	cps
Iron	56-2	9615	9537	9131	9427	2.75	cps
Iron	57-2	278	256	228	254	9.87	cps
Lead	206-1	556	550	583	563	3.17	cps
Lead	207-1	483	533	511	509	4.92	cps
Lead	208-1	2317	2217	2589	2374	8.11	cps
Lithium	6-1	3397232	3315172	3281247	3331217	1.79	cps
Magnesium	24-2	1533	1700	1800	1678	8.03	cps
Manganese	55-2	63	47	70	60	20.03	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P7
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:59:40	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	417	258	394	32.06	cps
Molybdenum	95-1	458	375	467	433	11.70	cps
Molybdenum	96-1	417	433	367	406	8.55	cps
Molybdenum	97-1	325	317	258	300	12.11	cps
Molybdenum	98-1	525	525	750	600	21.65	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	393	470	340	401	16.29	cps
Phosphorus	31-2	417	433	300	383	18.95	cps
Potassium	39-2	25089	26500	25689	25759	2.75	cps
Rhodium	103-1	3714416	3577199	3571667	3621094	2.23	cps
Rhodium	103-2	1636278	1690025	1707159	1677821	2.20	cps
Scandium	45-1	3172926	3031892	3015459	3073426	2.82	cps
Scandium	45-2	138541	141144	144729	141471	2.20	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	13	13	13	0.00	cps
Selenium	82-1	3	9	-18	-2	-664.51	cps
Silicon	28-1	37534226	37582444	37774958	37630543	0.34	cps
Silver	109-1	25	50	42	39	32.73	cps
Silver	107-1	58	83	42	61	34.32	cps
Sodium	23-2	39896	39419	38225	39180	2.20	cps
Strontium	86-1	167	167	133	156	12.37	cps
Strontium	88-1	175	167	142	161	10.77	cps
Sulfur	34-1	501368	502882	502720	502323	0.17	cps
Terbium	159-1	6503109	6323036	6279224	6368457	1.86	cps
Terbium	159-2	2508275	2612510	2628590	2583125	2.53	cps
Thallium	203-1	317	475	308	367	25.61	cps
Thallium	205-1	950	842	775	856	10.32	cps
Tin	118-1	733	717	708	720	1.77	cps
Titanium	47-1	333	250	225	269	21.05	cps
Uranium	238-1	158	100	50	103	52.75	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Yttrium	89-1	4202226	4072410	4026286	4100307	2.22	cps
Yttrium	89-2	523752	541691	549978	538474	2.49	cps
Zinc	66-2	140	167	140	149	10.34	cps
Zirconium	90-1	392	467	492	450	11.57	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB054	Instrumnet Name :	P7
Client Sample ID :	CCB054	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 13:59:40	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	125	75	103	24.77	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:03:11	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1050	983	1250	1095	12.68	cps
Antimony	121-1	7002	6585	6769	6785	3.08	cps
Arsenic	75-2	83	100	91	91	9.14	cps
Barium	135-1	7094	7227	7352	7224	1.79	cps
Barium	137-1	13582	12865	13390	13279	2.80	cps
Beryllium	9-1	1950	1833	1956	1913	3.61	cps
Bismuth	209-1	4955238	4826300	4859901	4880479	1.37	cps
Bismuth	209-2	2191815	2150167	2112618	2151533	1.84	cps
Boron	10-1	4909	5518	5351	5259	5.98	cps
Boron	11-1	22151	22993	23110	22751	2.30	cps
Cadmium	111-1	2312	2307	2105	2241	5.28	cps
Cadmium	106-1	2259	2242	2067	2189	4.85	cps
Cadmium	108-1	63	83	54	67	22.54	cps
Calcium	43-1	5610	5460	5468	5512	1.53	cps
Calcium	44-1	292633	291559	290804	291665	0.32	cps
Chromium	52-2	2254	2274	2280	2269	0.61	cps
Cobalt	59-2	1620	1653	1647	1640	1.08	cps
Copper	63-2	3454	3130	3164	3249	5.47	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	33	25	25	28	17.31	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	6440303	6395693	6407024	6414340	0.36	cps
Holmium	165-2	2677260	2645474	2598793	2640509	1.49	cps
Indium	115-1	4319580	4274785	4279422	4291262	0.57	cps
Indium	115-2	715882	710659	696129	707557	1.45	cps
Iron	56-2	48720	49489	49288	49166	0.81	cps
Iron	57-2	1306	1100	1117	1174	9.72	cps
Lead	206-1	3778	3923	3923	3875	2.15	cps
Lead	207-1	3406	3606	3123	3378	7.19	cps
Lead	208-1	15932	16293	15504	15910	2.48	cps
Lithium	6-1	3383702	3340102	3385711	3369838	0.76	cps
Magnesium	24-2	68114	67896	70532	68847	2.13	cps
Manganese	55-2	710	727	610	682	9.25	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:03:11	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6118	5626	5885	5876	4.19	cps
Molybdenum	95-1	6652	6752	6794	6732	1.08	cps
Molybdenum	96-1	7527	7978	7336	7613	4.33	cps
Molybdenum	97-1	4501	4034	4534	4356	6.42	cps
Molybdenum	98-1	10921	11255	11530	11235	2.71	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	887	783	887	852	7.00	cps
Phosphorus	31-2	400	383	375	386	3.30	cps
Potassium	39-2	67128	65395	67671	66731	1.78	cps
Rhodium	103-1	3713590	3665131	3715123	3697948	0.77	cps
Rhodium	103-2	1705626	1694832	1663170	1687876	1.31	cps
Scandium	45-1	3152218	3111661	3151573	3138484	0.74	cps
Scandium	45-2	143658	141592	140314	141855	1.19	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	33	48	48	43	19.80	cps
Selenium	82-1	158	143	166	156	7.31	cps
Silicon	28-1	38467127	38356739	37940971	38254946	0.73	cps
Silver	109-1	3609	3442	3792	3615	4.85	cps
Silver	107-1	3851	3751	3442	3681	5.78	cps
Sodium	23-2	162208	163852	165021	163694	0.86	cps
Strontium	86-1	1100	942	1225	1089	13.04	cps
Strontium	88-1	8386	8011	8194	8197	2.29	cps
Sulfur	34-1	513046	506516	508980	509514	0.65	cps
Terbium	159-1	6475335	6416160	6484951	6458816	0.58	cps
Terbium	159-2	2616813	2574319	2543044	2578059	1.44	cps
Thallium	203-1	4243	4301	4193	4245	1.28	cps
Thallium	205-1	10480	10446	10254	10393	1.17	cps
Tin	118-1	13382	12631	12848	12954	2.98	cps
Titanium	47-1	2750	2609	2367	2575	7.53	cps
Uranium	238-1	15426	15110	15026	15187	1.39	cps
Vanadium	51-2	3934	4074	4071	4026	1.98	cps
Yttrium	89-1	4200125	4169142	4202436	4190567	0.44	cps
Yttrium	89-2	548004	540975	534962	541313	1.21	cps
Zinc	66-2	493	507	433	478	8.18	cps
Zirconium	90-1	5835	5885	5635	5785	2.29	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:03:11	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1200	1292	1400	1297	7.72	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : PB105369BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 14:51:39 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	8	19	99.00	cps
Antimony	121-1	167	83	175	142	35.78	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	25	17	50	31	56.77	cps
Barium	137-1	25	33	50	36	35.25	cps
Beryllium	9-1	156	100	117	124	22.98	cps
Bismuth	209-1	5031435	4892018	4911635	4945029	1.53	cps
Bismuth	209-2	2214482	2190338	2165760	2190193	1.11	cps
Boron	10-1	175	150	250	192	27.15	cps
Boron	11-1	850	1025	883	920	10.11	cps
Cadmium	111-1	1520	1603	1348	1490	8.70	cps
Cadmium	106-1	2184	2292	1917	2131	9.06	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	42	150	142	111	54.26	cps
Calcium	44-1	199102	200279	200693	200025	0.41	cps
Chromium	52-2	140	150	147	146	3.50	cps
Cobalt	59-2	83	67	103	84	21.74	cps
Copper	63-2	810	967	987	921	10.50	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	17	0	17	11	86.60	cps
Gadolinium	160-2	17	23	0	13	90.13	cps
Holmium	165-1	6534392	6438794	6464401	6479196	0.76	cps
Holmium	165-2	2714550	2680572	2659910	2685011	1.03	cps
Indium	115-1	4441013	4349415	4348297	4379575	1.21	cps
Indium	115-2	724236	720884	715015	720045	0.65	cps
Iron	56-2	4829	4773	4590	4731	2.64	cps
Iron	57-2	139	139	178	152	14.79	cps
Lead	206-1	217	211	217	215	1.49	cps
Lead	207-1	194	222	211	209	6.68	cps
Lead	208-1	1017	922	950	963	5.04	cps
Lithium	6-1	3518589	3454773	3459847	3477736	1.02	cps
Magnesium	24-2	3509	3559	3534	3534	0.71	cps
Manganese	55-2	37	50	80	56	39.95	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:51:39	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	142	158	142	11.76	cps
Molybdenum	95-1	42	58	58	53	18.23	cps
Molybdenum	96-1	83	67	83	78	12.37	cps
Molybdenum	97-1	42	75	33	50	44.11	cps
Molybdenum	98-1	100	108	108	106	4.56	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	440	447	530	472	10.62	cps
Phosphorus	31-2	433	400	467	433	7.69	cps
Potassium	39-2	23519	24805	24905	24410	3.17	cps
Rhodium	103-1	3847377	3747851	3759517	3784915	1.44	cps
Rhodium	103-2	1737296	1725363	1709392	1724017	0.81	cps
Scandium	45-1	3297026	3209160	3197595	3234594	1.68	cps
Scandium	45-2	147997	146274	143914	146062	1.40	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	13	11	10	26.93	cps
Selenium	82-1	-36	3	-54	-29	-100.88	cps
Silicon	28-1	38947919	38711584	38857696	38839066	0.31	cps
Silver	109-1	0	17	17	11	86.60	cps
Silver	107-1	67	92	33	64	45.81	cps
Sodium	23-2	25289	26023	25255	25522	1.70	cps
Strontium	86-1	325	192	175	231	35.66	cps
Strontium	88-1	167	183	183	178	5.41	cps
Sulfur	34-1	532445	530833	525934	529737	0.64	cps
Terbium	159-1	6586977	6465725	6502738	6518480	0.95	cps
Terbium	159-2	2647158	2639896	2597940	2628331	1.01	cps
Thallium	203-1	33	100	133	89	57.29	cps
Thallium	205-1	192	133	142	156	20.28	cps
Tin	118-1	433	517	492	481	8.90	cps
Titanium	47-1	242	242	342	275	21.00	cps
Uranium	238-1	0	25	33	19	89.21	cps
Vanadium	51-2	3	10	0	4	114.60	cps
Yttrium	89-1	4326116	4225349	4242920	4264795	1.26	cps
Yttrium	89-2	554634	553816	548678	552376	0.58	cps
Zinc	66-2	170	130	93	131	29.24	cps
Zirconium	90-1	333	250	308	297	14.39	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:51:39	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	33	8	39	86.60	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:55:11	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2134	2100	2134	2122	0.91	cps
Antimony	121-1	13641	13924	13232	13599	2.56	cps
Arsenic	75-2	128	172	152	151	14.77	cps
Barium	135-1	15434	15276	15584	15431	1.00	cps
Barium	137-1	27603	26334	26593	26844	2.50	cps
Beryllium	9-1	3500	3145	3495	3380	6.03	cps
Bismuth	209-1	5010337	5000677	4849139	4953384	1.83	cps
Bismuth	209-2	1944232	1902225	2144928	1997129	6.49	cps
Boron	10-1	9295	9445	9245	9328	1.12	cps
Boron	11-1	40288	42544	42452	41761	3.06	cps
Cadmium	111-1	2979	3098	2847	2975	4.23	cps
Cadmium	106-1	2217	2317	2234	2256	2.38	cps
Cadmium	108-1	92	129	125	115	17.83	cps
Calcium	43-1	11305	11055	10688	11016	2.82	cps
Calcium	44-1	381033	379730	379073	379945	0.26	cps
Chromium	52-2	3844	4044	4614	4167	9.59	cps
Cobalt	59-2	3057	3067	3210	3112	2.76	cps
Copper	63-2	5138	4984	5371	5164	3.77	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	20	23	20	21	9.11	cps
Holmium	165-1	6544565	6547489	6370362	6487472	1.56	cps
Holmium	165-2	2398193	2351108	2666322	2471874	6.88	cps
Indium	115-1	4444531	4374258	4298925	4372571	1.67	cps
Indium	115-2	638654	626956	713974	659861	7.16	cps
Iron	56-2	379156	378744	422586	393496	6.40	cps
Iron	57-2	9103	9248	10348	9566	7.12	cps
Lead	206-1	7330	7397	7313	7347	0.60	cps
Lead	207-1	6963	6924	6435	6774	4.34	cps
Lead	208-1	30236	31065	30076	30459	1.74	cps
Lithium	6-1	3499701	3487334	3427255	3471430	1.12	cps
Magnesium	24-2	128321	130942	144146	134470	6.31	cps
Manganese	55-2	1187	1027	1270	1161	10.65	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:55:11	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11789	12031	12264	12028	1.98	cps
Molybdenum	95-1	14108	13932	14533	14191	2.18	cps
Molybdenum	96-1	15743	16118	15709	15857	1.43	cps
Molybdenum	97-1	8962	8461	8953	8792	3.26	cps
Molybdenum	98-1	23061	22886	22043	22663	2.40	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1290	1290	1343	1308	2.35	cps
Phosphorus	31-2	375	433	350	386	11.08	cps
Potassium	39-2	100825	100741	112835	104800	6.64	cps
Rhodium	103-1	3835981	3800796	3729079	3788618	1.44	cps
Rhodium	103-2	1521731	1500653	1709485	1577289	7.29	cps
Scandium	45-1	3269085	3276510	3225859	3257151	0.84	cps
Scandium	45-2	129534	127207	141684	132808	5.85	cps
Selenium	77-2	13	30	17	20	44.10	cps
Selenium	78-2	72	81	76	77	6.09	cps
Selenium	82-1	428	432	507	456	9.77	cps
Silicon	28-1	39047044	38688438	38780889	38838790	0.48	cps
Silver	109-1	7152	6860	7169	7060	2.46	cps
Silver	107-1	7361	7744	7127	7411	4.20	cps
Sodium	23-2	266458	268493	294163	276371	5.59	cps
Strontium	86-1	2142	2167	2017	2109	3.81	cps
Strontium	88-1	17670	17520	16977	17389	2.10	cps
Sulfur	34-1	532057	524158	523397	526537	0.91	cps
Terbium	159-1	6602104	6560919	6438768	6533930	1.30	cps
Terbium	159-2	2343322	2304030	2598627	2415326	6.62	cps
Thallium	203-1	8461	8578	8795	8611	1.96	cps
Thallium	205-1	21043	20834	20366	20748	1.67	cps
Tin	118-1	26960	26017	25357	26111	3.09	cps
Titanium	47-1	5610	5093	4843	5182	7.55	cps
Uranium	238-1	31573	32132	31614	31773	0.98	cps
Vanadium	51-2	7635	7492	8653	7927	7.98	cps
Yttrium	89-1	4334480	4282845	4204001	4273775	1.54	cps
Yttrium	89-2	490146	481089	543077	504771	6.63	cps
Zinc	66-2	817	790	817	808	1.91	cps
Zirconium	90-1	10563	9812	9804	10059	4.33	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105369BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:55:11	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2434	2459	2392	2428	1.39	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : PB105370BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 14:58:43 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	17	25	33.32	cps
Antimony	121-1	150	117	142	136	12.75	cps
Arsenic	75-2	0	2	2	1	86.60	cps
Barium	135-1	50	42	42	44	10.82	cps
Barium	137-1	42	33	33	36	13.33	cps
Beryllium	9-1	122	128	106	119	9.76	cps
Bismuth	209-1	5147438	4987639	4881171	5005416	2.68	cps
Bismuth	209-2	2172478	2155660	2197530	2175223	0.97	cps
Boron	10-1	467	433	442	447	3.88	cps
Boron	11-1	2159	1975	1759	1964	10.20	cps
Cadmium	111-1	1611	1585	1352	1516	9.43	cps
Cadmium	106-1	2300	2259	1934	2164	9.28	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	108	150	117	125	17.64	cps
Calcium	44-1	204133	203286	202258	203226	0.46	cps
Chromium	52-2	123	137	120	127	6.96	cps
Cobalt	59-2	77	80	70	76	6.74	cps
Copper	63-2	893	863	1000	919	7.82	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	0	25	17	14	91.65	cps
Gadolinium	160-2	27	20	37	28	30.20	cps
Holmium	165-1	6612651	6560601	6459723	6544325	1.19	cps
Holmium	165-2	2677480	2658094	2702038	2679204	0.82	cps
Indium	115-1	4499384	4390352	4320785	4403507	2.04	cps
Indium	115-2	708561	720283	723598	717481	1.10	cps
Iron	56-2	4740	4951	4740	4810	2.53	cps
Iron	57-2	167	100	144	137	24.77	cps
Lead	206-1	272	250	261	261	4.26	cps
Lead	207-1	189	172	167	176	6.58	cps
Lead	208-1	939	972	917	943	2.97	cps
Lithium	6-1	3519448	3459400	3450532	3476460	1.08	cps
Magnesium	24-2	3767	3484	3676	3642	3.97	cps
Manganese	55-2	40	50	43	44	11.46	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105370BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:58:43	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	192	175	178	7.16	cps
Molybdenum	95-1	92	33	75	67	45.07	cps
Molybdenum	96-1	67	42	108	72	46.63	cps
Molybdenum	97-1	33	42	75	50	44.10	cps
Molybdenum	98-1	42	100	83	75	40.06	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	447	500	523	490	8.02	cps
Phosphorus	31-2	283	383	375	347	15.98	cps
Potassium	39-2	25690	25306	24504	25167	2.40	cps
Rhodium	103-1	3879020	3815538	3760137	3818232	1.56	cps
Rhodium	103-2	1689880	1703390	1722142	1705137	0.95	cps
Scandium	45-1	3352676	3262729	3184796	3266734	2.57	cps
Scandium	45-2	144955	144375	146745	145358	0.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	13	15	6	11	44.06	cps
Selenium	82-1	-60	6	-1	-18	-201.10	cps
Silicon	28-1	39267838	38939957	39115532	39107776	0.42	cps
Silver	109-1	25	58	8	31	83.33	cps
Silver	107-1	50	25	33	36	35.25	cps
Sodium	23-2	25581	25155	26716	25817	3.13	cps
Strontium	86-1	133	150	200	161	21.53	cps
Strontium	88-1	200	225	175	200	12.50	cps
Sulfur	34-1	537455	535521	530510	534495	0.67	cps
Terbium	159-1	6702567	6557628	6483415	6581203	1.69	cps
Terbium	159-2	2594491	2607096	2640413	2614000	0.91	cps
Thallium	203-1	75	108	42	75	44.44	cps
Thallium	205-1	125	167	133	142	15.56	cps
Tin	118-1	500	550	367	472	20.07	cps
Titanium	47-1	283	242	192	239	19.21	cps
Uranium	238-1	0	8	0	3	173.21	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	4370496	4286540	4230527	4295854	1.64	cps
Yttrium	89-2	545032	552425	555939	551132	1.01	cps
Zinc	66-2	127	127	110	121	7.95	cps
Zirconium	90-1	242	317	342	300	17.35	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105370BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 14:58:43	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	92	83	78	22.30	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105370BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:02:15	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2625	2442	2100	2389	11.15	cps
Antimony	121-1	13415	13107	13115	13212	1.33	cps
Arsenic	75-2	194	200	206	200	2.78	cps
Barium	135-1	16018	15985	15343	15782	2.41	cps
Barium	137-1	27119	27052	27436	27203	0.75	cps
Beryllium	9-1	3723	3267	3395	3462	6.79	cps
Bismuth	209-1	4944756	4999511	4981392	4975220	0.56	cps
Bismuth	209-2	2172743	2228411	2220069	2207074	1.36	cps
Boron	10-1	8903	9036	9437	9125	3.04	cps
Boron	11-1	42151	42385	42536	42357	0.46	cps
Cadmium	111-1	3113	2884	2854	2950	4.81	cps
Cadmium	106-1	2334	2159	2317	2270	4.26	cps
Cadmium	108-1	113	146	121	126	13.73	cps
Calcium	43-1	11055	10879	11347	11094	2.13	cps
Calcium	44-1	386775	379532	381819	382709	0.97	cps
Chromium	52-2	4594	4888	4361	4614	5.72	cps
Cobalt	59-2	3377	3254	3274	3302	2.01	cps
Copper	63-2	5544	5645	5324	5504	2.98	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	42	8	33	28	62.46	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	6498088	6580386	6538960	6539145	0.63	cps
Holmium	165-2	2683343	2732633	2720452	2712143	0.95	cps
Indium	115-1	4394981	4405034	4393866	4397960	0.14	cps
Indium	115-2	721181	733087	720468	724912	0.98	cps
Iron	56-2	431124	430674	433551	431783	0.36	cps
Iron	57-2	10954	10615	11066	10878	2.16	cps
Lead	206-1	7286	7169	7213	7223	0.82	cps
Lead	207-1	6769	6663	6930	6787	1.98	cps
Lead	208-1	30109	30003	30181	30098	0.30	cps
Lithium	6-1	3469844	3497834	3478855	3482178	0.41	cps
Magnesium	24-2	146863	149976	149463	148767	1.12	cps
Manganese	55-2	1343	1273	1347	1321	3.13	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105370BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:02:15	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12197	11964	11780	11981	1.74	cps
Molybdenum	95-1	14425	14650	14700	14591	1.00	cps
Molybdenum	96-1	15826	15976	16026	15943	0.65	cps
Molybdenum	97-1	9137	9045	8545	8909	3.58	cps
Molybdenum	98-1	23562	22961	22418	22981	2.49	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1373	1303	1267	1315	4.12	cps
Phosphorus	31-2	475	375	400	417	12.49	cps
Potassium	39-2	114489	111818	113290	113199	1.18	cps
Rhodium	103-1	3802943	3804279	3790297	3799173	0.20	cps
Rhodium	103-2	1719534	1754342	1728223	1734033	1.04	cps
Scandium	45-1	3275008	3280456	3265598	3273687	0.23	cps
Scandium	45-2	146374	150149	149711	148745	1.39	cps
Selenium	77-2	20	20	13	18	21.66	cps
Selenium	78-2	52	107	76	78	35.54	cps
Selenium	82-1	474	414	399	429	9.26	cps
Silicon	28-1	39531662	39110500	39051217	39231126	0.67	cps
Silver	109-1	7219	7085	6744	7016	3.49	cps
Silver	107-1	7811	7169	7577	7519	4.32	cps
Sodium	23-2	305616	297207	304745	302523	1.53	cps
Strontium	86-1	2167	1959	2000	2042	5.40	cps
Strontium	88-1	17303	17053	17311	17222	0.85	cps
Sulfur	34-1	540877	528903	532963	534248	1.14	cps
Terbium	159-1	6518176	6615092	6591072	6574780	0.77	cps
Terbium	159-2	2616346	2684335	2645157	2648613	1.29	cps
Thallium	203-1	8445	8220	8470	8378	1.64	cps
Thallium	205-1	21376	20667	20725	20923	1.88	cps
Tin	118-1	25975	26601	26826	26468	1.67	cps
Titanium	47-1	5201	5651	5426	5426	4.15	cps
Uranium	238-1	31439	31522	31748	31570	0.51	cps
Vanadium	51-2	8729	9030	8646	8802	2.29	cps
Yttrium	89-1	4310429	4311142	4278339	4299970	0.44	cps
Yttrium	89-2	553804	559502	557217	556841	0.51	cps
Zinc	66-2	850	893	820	854	4.32	cps
Zirconium	90-1	10596	10679	10888	10721	1.40	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105370BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:02:15	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2492	2325	2384	2400	3.52	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : PB105371BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 15:05:48 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	42	25	57.73	cps
Antimony	121-1	192	167	150	169	12.38	cps
Arsenic	75-2	0	4	4	2	86.60	cps
Barium	135-1	50	33	58	47	26.97	cps
Barium	137-1	42	33	58	44	28.65	cps
Beryllium	9-1	89	122	72	94	26.96	cps
Bismuth	209-1	5038137	5100395	4968329	5035620	1.31	cps
Bismuth	209-2	2277786	2204817	2213459	2232020	1.79	cps
Boron	10-1	600	558	525	561	6.70	cps
Boron	11-1	2642	2334	1859	2278	17.33	cps
Cadmium	111-1	1644	1689	1492	1608	6.41	cps
Cadmium	106-1	2342	2417	2134	2298	6.39	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Calcium	43-1	108	117	142	122	14.19	cps
Calcium	44-1	207199	208018	208670	207962	0.35	cps
Chromium	52-2	130	97	150	126	21.46	cps
Cobalt	59-2	93	93	57	81	26.10	cps
Copper	63-2	910	927	1017	951	6.03	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	20	13	27	20	33.35	cps
Holmium	165-1	6624322	6696070	6555006	6625133	1.06	cps
Holmium	165-2	2784170	2702296	2724027	2736831	1.55	cps
Indium	115-1	4454513	4498582	4379702	4444266	1.35	cps
Indium	115-2	747586	731018	732784	737129	1.23	cps
Iron	56-2	4951	4768	4462	4727	5.23	cps
Iron	57-2	144	172	144	154	10.43	cps
Lead	206-1	178	156	194	176	11.09	cps
Lead	207-1	172	200	189	187	7.48	cps
Lead	208-1	822	811	856	830	2.79	cps
Lithium	6-1	3544647	3632616	3511303	3562855	1.76	cps
Magnesium	24-2	3417	3592	3817	3609	5.56	cps
Manganese	55-2	53	57	57	56	3.47	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105371BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:05:48	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	183	100	139	30.20	cps
Molybdenum	95-1	58	42	25	42	40.00	cps
Molybdenum	96-1	100	83	58	81	26.03	cps
Molybdenum	97-1	33	17	33	28	34.63	cps
Molybdenum	98-1	92	100	108	100	8.33	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	647	567	493	569	13.48	cps
Phosphorus	31-2	317	417	317	350	16.49	cps
Potassium	39-2	23870	23928	25206	24335	3.10	cps
Rhodium	103-1	3877078	3889464	3795860	3854134	1.32	cps
Rhodium	103-2	1799666	1742886	1756092	1766215	1.68	cps
Scandium	45-1	3302834	3359858	3275439	3312710	1.30	cps
Scandium	45-2	152413	147472	150613	150166	1.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	11	15	15	30.21	cps
Selenium	82-1	-41	-15	-37	-31	-45.68	cps
Silicon	28-1	38880793	38836809	38894201	38870601	0.08	cps
Silver	109-1	33	33	25	31	15.75	cps
Silver	107-1	33	42	42	39	12.38	cps
Sodium	23-2	24905	25188	25823	25305	1.86	cps
Strontium	86-1	117	167	167	150	19.25	cps
Strontium	88-1	217	175	175	189	12.74	cps
Sulfur	34-1	532315	530060	528239	530205	0.39	cps
Terbium	159-1	6642251	6726652	6611431	6660111	0.90	cps
Terbium	159-2	2726305	2653925	2660854	2680361	1.49	cps
Thallium	203-1	117	50	75	81	41.81	cps
Thallium	205-1	158	175	200	178	11.80	cps
Tin	118-1	717	408	567	564	27.34	cps
Titanium	47-1	175	325	317	272	30.97	cps
Uranium	238-1	8	0	33	14	124.91	cps
Vanadium	51-2	3	10	0	4	114.60	cps
Yttrium	89-1	4360219	4404234	4282559	4349004	1.42	cps
Yttrium	89-2	575609	563815	564074	567833	1.19	cps
Zinc	66-2	160	93	153	136	27.08	cps
Zirconium	90-1	333	375	417	375	11.11	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105371BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:05:48	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	58	50	61	20.83	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105371BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:09:20	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2375	2492	2417	2428	2.44	cps
Antimony	121-1	12506	13182	13799	13162	4.91	cps
Arsenic	75-2	176	194	220	197	11.34	cps
Barium	135-1	15676	15367	15084	15376	1.93	cps
Barium	137-1	27787	26927	27545	27420	1.62	cps
Beryllium	9-1	3556	3395	3806	3586	5.78	cps
Bismuth	209-1	5082751	5142735	5012141	5079209	1.29	cps
Bismuth	209-2	2227405	2235783	2278355	2247181	1.22	cps
Boron	10-1	9428	9303	10129	9620	4.63	cps
Boron	11-1	42026	44040	44316	43461	2.88	cps
Cadmium	111-1	2959	3125	2998	3027	2.88	cps
Cadmium	106-1	2175	2359	2267	2267	4.04	cps
Cadmium	108-1	133	108	133	125	11.55	cps
Calcium	43-1	12072	11288	11655	11672	3.36	cps
Calcium	44-1	384244	382859	380722	382608	0.46	cps
Chromium	52-2	4647	4831	4828	4769	2.20	cps
Cobalt	59-2	3427	3417	3340	3395	1.40	cps
Copper	63-2	5474	5378	5441	5431	0.90	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	83	42	64	32.83	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	8	17	25	17	50.01	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	6684942	6742301	6720618	6715954	0.43	cps
Holmium	165-2	2750106	2755731	2807733	2771190	1.15	cps
Indium	115-1	4477102	4516563	4438084	4477250	0.88	cps
Indium	115-2	732783	737030	755222	741678	1.61	cps
Iron	56-2	434101	436299	434086	434829	0.29	cps
Iron	57-2	10521	10943	10810	10758	2.01	cps
Lead	206-1	7358	7602	7664	7541	2.15	cps
Lead	207-1	6719	6657	6852	6743	1.48	cps
Lead	208-1	30147	30715	30676	30513	1.04	cps
Lithium	6-1	3577618	3661918	3548427	3595988	1.64	cps
Magnesium	24-2	150280	148975	149445	149567	0.44	cps
Manganese	55-2	1353	1297	1307	1319	2.29	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105371BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:09:20	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11413	12489	12447	12117	5.03	cps
Molybdenum	95-1	14925	14658	14750	14778	0.92	cps
Molybdenum	96-1	15851	15951	16644	16149	2.67	cps
Molybdenum	97-1	9712	9195	9103	9337	3.51	cps
Molybdenum	98-1	23888	22669	22143	22900	3.91	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1490	1397	1373	1420	4.35	cps
Phosphorus	31-2	333	450	408	397	14.88	cps
Potassium	39-2	114178	115202	114993	114791	0.47	cps
Rhodium	103-1	3898250	3912266	3837219	3882578	1.03	cps
Rhodium	103-2	1756438	1764271	1793626	1771445	1.11	cps
Scandium	45-1	3356647	3377883	3273414	3335981	1.66	cps
Scandium	45-2	146331	149747	154819	150299	2.84	cps
Selenium	77-2	23	17	17	19	20.36	cps
Selenium	78-2	89	91	61	80	20.68	cps
Selenium	82-1	398	455	456	436	7.56	cps
Silicon	28-1	38837612	38915937	38833628	38862393	0.12	cps
Silver	109-1	7244	7119	6994	7119	1.76	cps
Silver	107-1	7511	7744	8028	7761	3.34	cps
Sodium	23-2	303894	305009	305136	304679	0.22	cps
Strontium	86-1	2109	2209	2084	2134	3.10	cps
Strontium	88-1	17019	17736	17953	17570	2.78	cps
Sulfur	34-1	534000	533206	529455	532220	0.46	cps
Terbium	159-1	6699755	6813520	6721188	6744821	0.90	cps
Terbium	159-2	2685960	2694880	2758444	2713094	1.46	cps
Thallium	203-1	8161	8845	8253	8420	4.41	cps
Thallium	205-1	20116	20675	20834	20542	1.84	cps
Tin	118-1	27294	27286	26668	27083	1.33	cps
Titanium	47-1	5226	5393	5635	5418	3.79	cps
Uranium	238-1	31255	31497	32132	31628	1.43	cps
Vanadium	51-2	8946	9173	8669	8929	2.83	cps
Yttrium	89-1	4399500	4407497	4349758	4385585	0.71	cps
Yttrium	89-2	560814	566075	580103	568997	1.75	cps
Zinc	66-2	833	770	767	790	4.75	cps
Zirconium	90-1	10988	10021	10379	10463	4.67	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	PB105371BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:09:20	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2350	2334	2300	2328	1.09	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:12:51	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2926721	2911166	2925878	2921255	0.30	cps
Antimony	121-1	1678925	1676866	1674893	1676894	0.12	cps
Arsenic	75-2	45852	45697	45356	45635	0.56	cps
Barium	135-1	2008093	2019538	2014619	2014083	0.29	cps
Barium	137-1	3517053	3507645	3501271	3508656	0.23	cps
Beryllium	9-1	826280	822959	821280	823506	0.31	cps
Bismuth	209-1	4511887	4482366	4446663	4480305	0.73	cps
Bismuth	209-2	1954997	1977195	1961165	1964453	0.58	cps
Boron	10-1	96858	98317	99710	98295	1.45	cps
Boron	11-1	435583	439801	447196	440860	1.33	cps
Cadmium	111-1	374036	371724	370822	372194	0.45	cps
Cadmium	106-1	47564	45900	45441	46302	2.41	cps
Cadmium	108-1	30579	30734	30295	30536	0.73	cps
Calcium	43-1	2908920	2906671	2891778	2902456	0.32	cps
Calcium	44-1	45232007	45014023	45033024	45093018	0.27	cps
Chromium	52-2	530253	532374	527697	530108	0.44	cps
Cobalt	59-2	778112	775798	775909	776607	0.17	cps
Copper	63-2	1043895	1048729	1046441	1046355	0.23	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	3	17	27	16	75.27	cps
Gadolinium	160-1	58	42	33	44	28.65	cps
Gadolinium	160-2	30	33	23	29	17.63	cps
Holmium	165-1	6436190	6396584	6306955	6379910	1.04	cps
Holmium	165-2	2611247	2618841	2610641	2613576	0.17	cps
Indium	115-1	4092864	4052067	4002895	4049275	1.11	cps
Indium	115-2	658553	664172	657481	660069	0.54	cps
Iron	56-2	108162789	108002169	107664127	107943028	0.24	cps
Iron	57-2	2606430	2611713	2596914	2605019	0.29	cps
Lead	206-1	1728198	1718777	1723045	1723340	0.27	cps
Lead	207-1	1609200	1605115	1594167	1602828	0.48	cps
Lead	208-1	7255073	7255240	7220266	7243526	0.28	cps
Lithium	6-1	3271417	3225649	3210107	3235724	0.99	cps
Magnesium	24-2	36828721	36670017	36677989	36725576	0.24	cps
Manganese	55-2	586008	582396	581257	583220	0.43	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:12:51	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3076038	3072143	3043844	3064008	0.57	cps
Molybdenum	95-1	3721140	3734411	3719229	3724927	0.22	cps
Molybdenum	96-1	4144020	4129872	4113372	4129088	0.37	cps
Molybdenum	97-1	2320679	2317503	2307542	2315241	0.30	cps
Molybdenum	98-1	6181124	6131299	6162385	6158269	0.41	cps
Neodymium	150-1	220	173	260	218	19.92	cps
Neodymium	150-2	13	20	23	19	26.96	cps
Nickel	60-2	196588	194795	196234	195872	0.48	cps
Phosphorus	31-2	25831	24329	24863	25008	3.05	cps
Potassium	39-2	11524440	11491009	11485644	11500364	0.18	cps
Rhodium	103-1	3378275	3366077	3355038	3366463	0.35	cps
Rhodium	103-2	1519177	1530794	1525634	1525202	0.38	cps
Scandium	45-1	3140112	3104923	3085870	3110302	0.88	cps
Scandium	45-2	140024	140801	138516	139781	0.83	cps
Selenium	77-2	1027	777	897	900	13.89	cps
Selenium	78-2	3019	3024	2941	2995	1.56	cps
Selenium	82-1	21851	21699	21805	21785	0.36	cps
Silicon	28-1	38028832	37925306	37901688	37951942	0.18	cps
Silver	109-1	1708633	1687666	1678392	1691564	0.92	cps
Silver	107-1	1776236	1772531	1754049	1767605	0.67	cps
Sodium	23-2	69798337	69834712	69651160	69761403	0.14	cps
Strontium	86-1	506091	501164	500718	502658	0.59	cps
Strontium	88-1	4492254	4471525	4449958	4471246	0.47	cps
Sulfur	34-1	703660	698067	706084	702604	0.59	cps
Terbium	159-1	6442581	6415552	6359739	6405957	0.66	cps
Terbium	159-2	2528630	2559359	2542600	2543529	0.60	cps
Thallium	203-1	2096867	2089860	2098501	2095076	0.22	cps
Thallium	205-1	5163508	5184373	5179660	5175847	0.21	cps
Tin	118-1	1344082	1328774	1327253	1333370	0.70	cps
Titanium	47-1	1294000	1294726	1281832	1290186	0.56	cps
Uranium	238-1	8464404	8467373	8402510	8444763	0.43	cps
Vanadium	51-2	448257	447103	448033	447798	0.14	cps
Yttrium	89-1	4116252	4101787	4070161	4096066	0.58	cps
Yttrium	89-2	522776	527328	523961	524688	0.45	cps
Zinc	66-2	144711	145189	143768	144556	0.50	cps
Zirconium	90-1	2547392	2550112	2542081	2546529	0.16	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:12:51	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	568538	563226	562103	564622	0.61	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : CCB055 Instrumnet Name : P7
 Client Sample ID : CCB055 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 15:19:37 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	83	58	64	27.15	cps
Antimony	121-1	1609	1617	1400	1542	7.96	cps
Arsenic	75-2	7	2	11	7	68.65	cps
Barium	135-1	83	58	67	69	18.33	cps
Barium	137-1	125	208	83	139	45.83	cps
Beryllium	9-1	517	489	433	480	8.85	cps
Bismuth	209-1	4950844	4958827	4939384	4949685	0.20	cps
Bismuth	209-2	2183259	2191890	2178975	2184708	0.30	cps
Boron	10-1	1100	950	917	989	9.88	cps
Boron	11-1	5368	4834	4751	4984	6.72	cps
Cadmium	111-1	1494	1433	1295	1407	7.27	cps
Cadmium	106-1	2125	2042	1850	2006	7.03	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	167	125	133	142	15.56	cps
Calcium	44-1	195314	194192	195271	194926	0.33	cps
Chromium	52-2	93	127	157	126	25.23	cps
Cobalt	59-2	113	93	120	109	12.74	cps
Copper	63-2	920	1013	823	919	10.34	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	58	33	0	31	95.79	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	6484294	6508653	6477611	6490186	0.25	cps
Holmium	165-2	2682517	2705744	2674678	2687646	0.60	cps
Indium	115-1	4334590	4318681	4317561	4323611	0.22	cps
Indium	115-2	718513	716843	714575	716644	0.28	cps
Iron	56-2	9047	8508	8870	8808	3.12	cps
Iron	57-2	267	189	217	224	17.59	cps
Lead	206-1	372	328	294	331	11.77	cps
Lead	207-1	322	300	311	311	3.57	cps
Lead	208-1	1472	1445	1428	1448	1.55	cps
Lithium	6-1	3386067	3415019	3398875	3399987	0.43	cps
Magnesium	24-2	1450	1500	1442	1464	2.16	cps
Manganese	55-2	93	87	83	88	5.81	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:19:37	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	750	717	433	633	27.47	cps
Molybdenum	95-1	433	592	558	528	15.82	cps
Molybdenum	96-1	583	658	642	628	6.27	cps
Molybdenum	97-1	350	308	333	331	6.34	cps
Molybdenum	98-1	908	733	708	783	13.91	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	370	347	290	336	12.26	cps
Phosphorus	31-2	392	417	350	386	8.72	cps
Potassium	39-2	25306	24580	24596	24827	1.67	cps
Rhodium	103-1	3728678	3723983	3708205	3720289	0.29	cps
Rhodium	103-2	1712228	1714657	1703577	1710154	0.34	cps
Scandium	45-1	3177651	3152183	3180383	3170072	0.49	cps
Scandium	45-2	144221	143079	145338	144213	0.78	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	13	17	12	48.22	cps
Selenium	82-1	-18	0	-53	-24	-114.98	cps
Silicon	28-1	37593441	37294407	37316657	37401502	0.45	cps
Silver	109-1	33	50	92	58	51.51	cps
Silver	107-1	42	125	125	97	49.49	cps
Sodium	23-2	34524	35217	34833	34858	1.00	cps
Strontium	86-1	225	208	175	203	12.55	cps
Strontium	88-1	233	167	175	192	18.95	cps
Sulfur	34-1	506379	501811	501176	503122	0.56	cps
Terbium	159-1	6504187	6566829	6553271	6541429	0.50	cps
Terbium	159-2	2633694	2632415	2624452	2630187	0.19	cps
Thallium	203-1	233	258	217	236	8.88	cps
Thallium	205-1	550	325	483	453	25.52	cps
Tin	118-1	908	1017	917	947	6.36	cps
Titanium	47-1	233	250	225	236	5.39	cps
Uranium	238-1	158	108	100	122	25.81	cps
Vanadium	51-2	20	23	3	16	68.90	cps
Yttrium	89-1	4217549	4206113	4193145	4205602	0.29	cps
Yttrium	89-2	548322	553470	547557	549783	0.58	cps
Zinc	66-2	150	130	127	136	9.31	cps
Zirconium	90-1	575	517	717	603	17.06	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:19:37	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	167	167	150	19.25	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-16	Instrumnet Name :	P7
Client Sample ID :	MGA5E4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:23:11	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30181	30307	30541	30343	0.60	cps
Antimony	121-1	38931	39732	40927	39863	2.52	cps
Arsenic	75-2	526	459	472	486	7.28	cps
Barium	135-1	117	58	50	75	48.43	cps
Barium	137-1	200	67	108	125	54.57	cps
Beryllium	9-1	5573	5246	5473	5431	3.09	cps
Bismuth	209-1	5109764	4955364	4954570	5006566	1.79	cps
Bismuth	209-2	2217157	1653064	2174912	2015044	15.59	cps
Boron	10-1	867	767	858	831	6.68	cps
Boron	11-1	3609	3417	3709	3578	4.14	cps
Cadmium	111-1	3922	4068	3821	3937	3.16	cps
Cadmium	106-1	2359	2367	2367	2364	0.20	cps
Cadmium	108-1	138	163	158	153	8.77	cps
Calcium	43-1	9603	9654	9854	9704	1.36	cps
Calcium	44-1	347940	348657	347812	348136	0.13	cps
Chromium	52-2	6802	6958	6782	6847	1.41	cps
Cobalt	59-2	5071	5178	5218	5155	1.47	cps
Copper	63-2	7892	7649	7989	7843	2.24	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	67	42	42	60.00	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	7	20	23	17	52.90	cps
Holmium	165-1	6664381	6536588	6595588	6598852	0.97	cps
Holmium	165-2	2723377	2000798	2659469	2461215	16.25	cps
Indium	115-1	4456535	4321223	4352403	4376721	1.62	cps
Indium	115-2	722750	537803	713326	657960	15.83	cps
Iron	56-2	186227	188274	185939	186813	0.68	cps
Iron	57-2	4601	4512	4551	4555	0.98	cps
Lead	206-1	29778	30357	30124	30087	0.97	cps
Lead	207-1	27173	27818	26482	27158	2.46	cps
Lead	208-1	122898	124340	122993	123410	0.65	cps
Lithium	6-1	3481897	3423474	3445403	3450258	0.86	cps
Magnesium	24-2	51582	53220	53145	52649	1.76	cps
Manganese	55-2	4681	4571	4504	4585	1.95	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-16	Instrumnet Name :	P7
Client Sample ID :	MGA5E4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:23:11	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	325	350	331	5.25	cps
Molybdenum	95-1	267	325	208	267	21.88	cps
Molybdenum	96-1	383	333	300	339	12.38	cps
Molybdenum	97-1	242	183	192	206	15.35	cps
Molybdenum	98-1	425	417	475	439	7.19	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1683	1757	1723	1721	2.13	cps
Phosphorus	31-2	400	358	392	383	5.75	cps
Potassium	39-2	82387	81457	81574	81806	0.62	cps
Rhodium	103-1	3840317	3741215	3757146	3779559	1.41	cps
Rhodium	103-2	1723732	1271422	1690850	1562002	16.15	cps
Scandium	45-1	3283844	3175963	3239862	3233223	1.68	cps
Scandium	45-2	145680	111093	144682	133818	14.71	cps
Selenium	77-2	53	23	20	32	56.98	cps
Selenium	78-2	106	124	85	105	18.54	cps
Selenium	82-1	691	683	756	710	5.59	cps
Silicon	28-1	37827645	37557993	37271961	37552533	0.74	cps
Silver	109-1	10896	11121	11755	11258	3.96	cps
Silver	107-1	11146	11405	11430	11327	1.39	cps
Sodium	23-2	134222	135803	135163	135063	0.59	cps
Strontium	86-1	167	242	192	200	19.10	cps
Strontium	88-1	417	442	558	472	16.01	cps
Sulfur	34-1	516722	511701	511341	513255	0.59	cps
Terbium	159-1	6690361	6588271	6635567	6638066	0.77	cps
Terbium	159-2	2669271	1961452	2612659	2414461	16.29	cps
Thallium	203-1	13332	13449	13282	13354	0.64	cps
Thallium	205-1	33435	32808	33694	33312	1.37	cps
Tin	118-1	708	700	633	681	6.04	cps
Titanium	47-1	217	500	267	328	46.14	cps
Uranium	238-1	75	33	50	53	39.74	cps
Vanadium	51-2	3644	3641	3500	3595	2.28	cps
Yttrium	89-1	4325780	4221580	4242993	4263451	1.29	cps
Yttrium	89-2	553871	409409	547333	503537	16.20	cps
Zinc	66-2	2594	2617	2464	2558	3.23	cps
Zirconium	90-1	533	583	483	533	9.37	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-16	Instrumnet Name :	P7
Client Sample ID :	MGA5E4	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:23:11	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	83	133	136	39.84	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-09	Instrumnet Name :	P7
Client Sample ID :	MGA590	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:26:43	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45178	43991	43656	44275	1.81	cps
Antimony	121-1	1025	1033	917	992	6.56	cps
Arsenic	75-2	778	767	750	765	1.83	cps
Barium	135-1	34068	33107	33433	33536	1.46	cps
Barium	137-1	59797	58893	56299	58329	3.11	cps
Beryllium	9-1	18044	17939	17460	17815	1.75	cps
Bismuth	209-1	4980334	4897226	4863459	4913673	1.22	cps
Bismuth	209-2	2240709	2198573	2189892	2209724	1.23	cps
Boron	10-1	525	717	708	650	16.67	cps
Boron	11-1	2742	2950	2700	2798	4.79	cps
Cadmium	111-1	9081	8651	8844	8859	2.43	cps
Cadmium	106-1	2984	2809	2467	2753	9.55	cps
Cadmium	108-1	454	429	454	446	3.24	cps
Calcium	43-1	3467	3542	3317	3442	3.33	cps
Calcium	44-1	246767	247640	247859	247422	0.23	cps
Chromium	52-2	17894	17774	17360	17676	1.58	cps
Cobalt	59-2	25172	26067	25118	25452	2.09	cps
Copper	63-2	933	873	913	907	3.37	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	20	27	23	23	14.29	cps
Holmium	165-1	6542941	6482516	6503679	6509712	0.47	cps
Holmium	165-2	2749532	2684877	2703607	2712672	1.23	cps
Indium	115-1	4375469	4309311	4311966	4332249	0.86	cps
Indium	115-2	732978	720661	718649	724096	1.07	cps
Iron	56-2	440904	439860	440375	440380	0.12	cps
Iron	57-2	10726	10587	10443	10586	1.34	cps
Lead	206-1	45835	45222	44224	45093	1.80	cps
Lead	207-1	41409	40189	38495	40031	3.66	cps
Lead	208-1	186954	184320	180380	183885	1.80	cps
Lithium	6-1	3451944	3423798	3435895	3437212	0.41	cps
Magnesium	24-2	93072	94162	95370	94201	1.22	cps
Manganese	55-2	5811	5758	5611	5727	1.81	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-09	Instrumnet Name :	P7
Client Sample ID :	MGA590	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:26:43	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	358	267	319	14.83	cps
Molybdenum	95-1	192	158	125	158	21.05	cps
Molybdenum	96-1	200	250	283	244	17.16	cps
Molybdenum	97-1	83	108	83	92	15.74	cps
Molybdenum	98-1	217	333	258	269	21.94	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	5464	5431	5191	5362	2.78	cps
Phosphorus	31-2	258	333	292	294	12.76	cps
Potassium	39-2	100900	101916	99197	100671	1.36	cps
Rhodium	103-1	3767971	3715555	3739555	3741027	0.70	cps
Rhodium	103-2	1749111	1722501	1716141	1729251	1.01	cps
Scandium	45-1	3228960	3169212	3191532	3196568	0.94	cps
Scandium	45-2	152594	147260	146132	148662	2.32	cps
Selenium	77-2	23	40	30	31	26.97	cps
Selenium	78-2	113	106	102	107	5.30	cps
Selenium	82-1	692	680	643	672	3.76	cps
Silicon	28-1	37793298	37704223	37853481	37783667	0.20	cps
Silver	109-1	30484	30292	30008	30261	0.79	cps
Silver	107-1	30492	30768	30024	30428	1.24	cps
Sodium	23-2	186275	187061	186918	186751	0.22	cps
Strontium	86-1	225	133	242	200	29.17	cps
Strontium	88-1	375	208	342	308	28.60	cps
Sulfur	34-1	510320	509963	507645	509310	0.29	cps
Terbium	159-1	6584038	6548616	6540247	6557634	0.35	cps
Terbium	159-2	2681512	2625853	2638627	2648664	1.10	cps
Thallium	203-1	80401	80679	77803	79628	1.99	cps
Thallium	205-1	198970	195952	190993	195305	2.06	cps
Tin	118-1	617	483	608	569	13.12	cps
Titanium	47-1	208	167	233	203	16.61	cps
Uranium	238-1	75	17	42	44	65.84	cps
Vanadium	51-2	5471	5401	5398	5423	0.76	cps
Yttrium	89-1	4264960	4204022	4225717	4231566	0.73	cps
Yttrium	89-2	567162	553898	549042	556701	1.68	cps
Zinc	66-2	2904	2894	2957	2918	1.17	cps
Zirconium	90-1	550	483	433	489	11.97	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-09	Instrumnet Name :	P7
Client Sample ID :	MGA590	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:26:43	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	58	133	100	38.19	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13	Instrumnet Name :	P7
Client Sample ID :	MGA5E3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:30:16	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	792	967	845	12.57	cps
Antimony	121-1	1225	1292	1217	1245	3.30	cps
Arsenic	75-2	28	30	33	30	9.34	cps
Barium	135-1	8119	8528	8153	8267	2.74	cps
Barium	137-1	14508	14842	14992	14781	1.68	cps
Beryllium	9-1	322	194	322	280	26.38	cps
Bismuth	209-1	5239781	5264209	5138871	5214287	1.27	cps
Bismuth	209-2	2033859	2062446	2237623	2111310	5.23	cps
Boron	10-1	1258	1417	1433	1370	7.05	cps
Boron	11-1	5560	6026	5510	5699	5.00	cps
Cadmium	111-1	1505	1808	1507	1607	10.84	cps
Cadmium	106-1	2125	2517	2142	2261	9.80	cps
Cadmium	108-1	17	0	25	14	91.65	cps
Calcium	43-1	556090	546671	536246	546336	1.82	cps
Calcium	44-1	9025908	8861585	8769260	8885584	1.46	cps
Chromium	52-2	4384	4371	4728	4494	4.50	cps
Cobalt	59-2	657	653	810	707	12.67	cps
Copper	63-2	4584	4564	4911	4686	4.15	cps
Dysprosium	156-1	8	33	17	19	65.48	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	10	23	7	13	66.12	cps
Gadolinium	160-1	42	25	17	28	45.82	cps
Gadolinium	160-2	43	27	30	33	26.45	cps
Holmium	165-1	7120959	7151785	7003964	7092236	1.10	cps
Holmium	165-2	2573473	2586197	2831125	2663598	5.45	cps
Indium	115-1	4757930	4764570	4690855	4737785	0.86	cps
Indium	115-2	693610	702745	765116	720490	5.40	cps
Iron	56-2	52094	51129	57227	53483	6.13	cps
Iron	57-2	2106	2200	1956	2087	5.91	cps
Lead	206-1	4979	5029	4979	4996	0.58	cps
Lead	207-1	5062	4195	4234	4497	10.89	cps
Lead	208-1	21541	20179	19250	20323	5.67	cps
Lithium	6-1	3972593	4001081	3972388	3982021	0.41	cps
Magnesium	24-2	3637262	3588708	4000983	3742318	6.02	cps
Manganese	55-2	2240	2320	2554	2371	6.87	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13	Instrumnet Name :	P7
Client Sample ID :	MGA5E3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:30:16	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	475	475	575	508	11.36	cps
Molybdenum	95-1	475	558	375	469	19.55	cps
Molybdenum	96-1	600	508	508	539	9.82	cps
Molybdenum	97-1	275	408	283	322	23.18	cps
Molybdenum	98-1	633	542	600	592	7.84	cps
Neodymium	150-1	40	13	20	24	56.78	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	1957	2034	2094	2028	3.38	cps
Phosphorus	31-2	367	442	325	378	15.65	cps
Potassium	39-2	66976	65680	71372	68009	4.39	cps
Rhodium	103-1	3935085	3941217	3882643	3919648	0.82	cps
Rhodium	103-2	1589837	1607334	1744067	1647080	5.13	cps
Scandium	45-1	3402933	3416013	3373541	3397496	0.64	cps
Scandium	45-2	136592	138178	150774	141848	5.48	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	9	24	13	15	49.95	cps
Selenium	82-1	-23	-7	3	-9	-152.09	cps
Silicon	28-1	51282987	50387272	50104578	50591612	1.22	cps
Silver	109-1	583	442	683	569	21.33	cps
Silver	107-1	592	608	542	581	5.98	cps
Sodium	23-2	508044	506815	553333	522731	5.07	cps
Strontium	86-1	28830	29298	27168	28432	3.94	cps
Strontium	88-1	255248	250102	243014	249455	2.46	cps
Sulfur	34-1	562545	560337	558766	560550	0.34	cps
Terbium	159-1	7149715	7170045	7063022	7127594	0.80	cps
Terbium	159-2	2499570	2530156	2756659	2595462	5.41	cps
Thallium	203-1	658	517	492	556	16.18	cps
Thallium	205-1	1625	1342	950	1306	25.96	cps
Tin	118-1	917	775	842	845	8.39	cps
Titanium	47-1	633	742	825	733	13.11	cps
Uranium	238-1	5660	5376	5418	5485	2.79	cps
Vanadium	51-2	233	290	270	264	10.87	cps
Yttrium	89-1	4552775	4570481	4474465	4532574	1.13	cps
Yttrium	89-2	513154	519564	565908	532875	5.40	cps
Zinc	66-2	2647	2487	2810	2648	6.11	cps
Zirconium	90-1	633	467	608	569	15.78	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13	Instrumnet Name :	P7
Client Sample ID :	MGA5E3	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:30:16	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	108	117	103	16.88	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-14	Instrumnet Name :	P7
Client Sample ID :	MGA5E3D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:33:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900	975	817	897	8.83	cps
Antimony	121-1	642	783	683	703	10.36	cps
Arsenic	75-2	50	37	48	45	15.56	cps
Barium	135-1	8661	8219	8820	8567	3.63	cps
Barium	137-1	15176	14508	14225	14636	3.34	cps
Beryllium	9-1	222	250	250	241	6.66	cps
Bismuth	209-1	5186247	5192290	5116974	5165171	0.81	cps
Bismuth	209-2	2225218	2232733	2223583	2227178	0.22	cps
Boron	10-1	1200	1067	1250	1172	8.08	cps
Boron	11-1	4893	5426	5343	5221	5.50	cps
Cadmium	111-1	1340	1444	1469	1418	4.84	cps
Cadmium	106-1	1900	2059	2084	2014	4.94	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	544232	537802	534700	538911	0.90	cps
Calcium	44-1	8791965	8763990	8670737	8742231	0.73	cps
Chromium	52-2	4281	4741	4501	4507	5.11	cps
Cobalt	59-2	730	753	687	723	4.68	cps
Copper	63-2	4808	4931	5141	4960	3.40	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	27	37	27	30	19.24	cps
Holmium	165-1	7021781	7063603	6982287	7022557	0.58	cps
Holmium	165-2	2801873	2810908	2793291	2802024	0.31	cps
Indium	115-1	4734120	4760204	4716579	4736968	0.46	cps
Indium	115-2	762202	759039	757150	759464	0.34	cps
Iron	56-2	53827	55964	55138	54976	1.96	cps
Iron	57-2	2334	2145	2161	2213	4.73	cps
Lead	206-1	4490	4712	4618	4606	2.42	cps
Lead	207-1	3840	3906	4112	3953	3.59	cps
Lead	208-1	18389	18561	18633	18528	0.68	cps
Lithium	6-1	4016502	4014548	3992504	4007851	0.33	cps
Magnesium	24-2	3965415	3971233	3954182	3963610	0.22	cps
Manganese	55-2	2660	2427	2617	2568	4.83	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-14	Instrumnet Name :	P7
Client Sample ID :	MGA5E3D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:33:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	367	408	411	11.16	cps
Molybdenum	95-1	333	350	358	347	3.67	cps
Molybdenum	96-1	633	467	408	503	23.22	cps
Molybdenum	97-1	342	367	308	339	8.64	cps
Molybdenum	98-1	642	558	567	589	7.79	cps
Neodymium	150-1	20	27	87	44	82.63	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	1870	1840	1913	1875	1.97	cps
Phosphorus	31-2	308	367	483	386	23.08	cps
Potassium	39-2	70392	67872	68232	68832	1.98	cps
Rhodium	103-1	3903402	3881723	3866357	3883827	0.48	cps
Rhodium	103-2	1739663	1745361	1734395	1739806	0.32	cps
Scandium	45-1	3413794	3382159	3349676	3381877	0.95	cps
Scandium	45-2	148939	149026	146267	148078	1.06	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	15	17	17	16	6.65	cps
Selenium	82-1	-44	3	-47	-29	-94.34	cps
Silicon	28-1	50123790	50037748	49825803	49995780	0.31	cps
Silver	109-1	625	408	333	456	33.25	cps
Silver	107-1	542	492	483	506	6.24	cps
Sodium	23-2	542913	542609	542302	542608	0.06	cps
Strontium	86-1	28437	28504	28479	28473	0.12	cps
Strontium	88-1	248974	246380	248389	247914	0.55	cps
Sulfur	34-1	568423	562178	567632	566078	0.60	cps
Terbium	159-1	7066380	7115817	7032956	7071717	0.59	cps
Terbium	159-2	2746572	2750650	2732301	2743174	0.35	cps
Thallium	203-1	217	300	150	222	33.82	cps
Thallium	205-1	425	467	458	450	4.90	cps
Tin	118-1	733	583	650	656	11.46	cps
Titanium	47-1	658	825	800	761	11.81	cps
Uranium	238-1	5251	5535	5393	5393	2.63	cps
Vanadium	51-2	403	437	420	420	3.97	cps
Yttrium	89-1	4508687	4493824	4447161	4483224	0.72	cps
Yttrium	89-2	565282	562494	561584	563120	0.34	cps
Zinc	66-2	2577	2837	2674	2696	4.88	cps
Zirconium	90-1	592	550	475	539	10.97	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-14	Instrumnet Name :	P7
Client Sample ID :	MGA5E3D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:33:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	100	108	103	4.68	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13LX5	Instrumnet Name :	P7
Client Sample ID :	MGA5E3L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 15:37:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	283	217	244	14.20	cps
Antimony	121-1	233	333	275	281	17.90	cps
Arsenic	75-2	13	9	9	10	20.36	cps
Barium	135-1	1525	1659	1617	1600	4.26	cps
Barium	137-1	2600	2634	2900	2712	6.06	cps
Beryllium	9-1	217	178	233	209	13.62	cps
Bismuth	209-1	5017370	4904184	4742915	4888156	2.82	cps
Bismuth	209-2	2250265	2144135	2104058	2166153	3.49	cps
Boron	10-1	450	625	533	536	16.33	cps
Boron	11-1	2300	2450	2309	2353	3.58	cps
Cadmium	111-1	1308	1381	1225	1304	5.99	cps
Cadmium	106-1	1859	1975	1759	1864	5.82	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	98779	98728	98041	98516	0.42	cps
Calcium	44-1	1792961	1787743	1778130	1786278	0.42	cps
Chromium	52-2	1080	1110	887	1026	11.82	cps
Cobalt	59-2	180	217	193	197	9.44	cps
Copper	63-2	1817	1867	1853	1846	1.40	cps
Dysprosium	156-1	50	0	0	17	173.21	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	10	43	30	28	60.40	cps
Holmium	165-1	6676422	6584898	6450591	6570637	1.73	cps
Holmium	165-2	2776798	2672823	2637649	2695757	2.68	cps
Indium	115-1	4477183	4354407	4269102	4366897	2.40	cps
Indium	115-2	743325	712844	703883	720017	2.87	cps
Iron	56-2	15281	14858	14413	14851	2.92	cps
Iron	57-2	611	561	522	565	7.89	cps
Lead	206-1	1245	1261	1256	1254	0.68	cps
Lead	207-1	1022	1006	1017	1015	0.84	cps
Lead	208-1	4895	4806	4901	4867	1.09	cps
Lithium	6-1	3565023	3512219	3438293	3505178	1.82	cps
Magnesium	24-2	736570	738910	732186	735889	0.46	cps
Manganese	55-2	550	617	597	588	5.82	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13LX5	Instrumnet Name :	P7
Client Sample ID :	MGA5E3L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 15:37:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	192	217	231	20.55	cps
Molybdenum	95-1	133	167	100	133	25.00	cps
Molybdenum	96-1	183	100	175	153	30.04	cps
Molybdenum	97-1	117	75	117	103	23.41	cps
Molybdenum	98-1	200	183	225	203	10.34	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	697	787	770	751	6.37	cps
Phosphorus	31-2	500	325	358	394	23.56	cps
Potassium	39-2	33096	33497	33555	33383	0.75	cps
Rhodium	103-1	3808644	3712868	3649978	3723830	2.15	cps
Rhodium	103-2	1762297	1692041	1668691	1707676	2.85	cps
Scandium	45-1	3286044	3221959	3091787	3199930	3.09	cps
Scandium	45-2	151890	144042	141364	145765	3.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	15	11	14	19.94	cps
Selenium	82-1	-12	-63	-18	-31	-89.80	cps
Silicon	28-1	39710355	39707906	39971764	39796675	0.38	cps
Silver	109-1	150	150	175	158	9.12	cps
Silver	107-1	275	292	167	244	27.77	cps
Sodium	23-2	133003	132001	133522	132842	0.58	cps
Strontium	86-1	4776	5251	5451	5159	6.72	cps
Strontium	88-1	46593	44988	45715	45765	1.76	cps
Sulfur	34-1	534280	533326	537972	535193	0.46	cps
Terbium	159-1	6753571	6597115	6449756	6600148	2.30	cps
Terbium	159-2	2710849	2605863	2585673	2634129	2.55	cps
Thallium	203-1	83	92	183	119	46.46	cps
Thallium	205-1	283	300	200	261	20.52	cps
Tin	118-1	425	458	583	489	17.07	cps
Titanium	47-1	308	342	275	308	10.81	cps
Uranium	238-1	1042	892	1025	986	8.34	cps
Vanadium	51-2	133	183	137	151	18.50	cps
Yttrium	89-1	4337511	4227508	4126460	4230493	2.50	cps
Yttrium	89-2	563006	543888	538390	548428	2.36	cps
Zinc	66-2	647	537	723	636	14.76	cps
Zirconium	90-1	342	300	408	350	15.61	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-13LX5	Instrumnet Name :	P7
Client Sample ID :	MGA5E3L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 15:37:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	75	67	58	37.80	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-15	Instrumnet Name :	P7
Client Sample ID :	MGA5E3S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:40:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123129	116106	127011	122082	4.53	cps
Antimony	121-1	413515	407192	403267	407992	1.27	cps
Arsenic	75-2	4123	4028	4143	4098	1.50	cps
Barium	135-1	1922191	1918109	1900592	1913631	0.60	cps
Barium	137-1	3382405	3347926	3299410	3343247	1.25	cps
Beryllium	9-1	102902	101839	100028	101590	1.43	cps
Bismuth	209-1	5253729	5202780	5149870	5202126	1.00	cps
Bismuth	209-2	2118498	2002548	2188774	2103273	4.47	cps
Boron	10-1	1058	1025	1050	1045	1.66	cps
Boron	11-1	4843	4684	4943	4823	2.70	cps
Cadmium	111-1	48123	48085	46838	47682	1.53	cps
Cadmium	106-1	6552	6110	6302	6321	3.51	cps
Cadmium	108-1	2867	3059	3175	3034	5.13	cps
Calcium	43-1	532460	531305	526932	530232	0.55	cps
Calcium	44-1	8667692	8584449	8526086	8592742	0.83	cps
Chromium	52-2	234524	222738	242168	233144	4.20	cps
Cobalt	59-2	892032	842238	920812	885028	4.49	cps
Copper	63-2	314215	297758	326458	312810	4.60	cps
Dysprosium	156-1	33	58	33	42	34.65	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	13	20	7	13	49.99	cps
Gadolinium	160-1	92	75	8	58	75.60	cps
Gadolinium	160-2	10	20	37	22	60.63	cps
Holmium	165-1	7094014	7048760	7018003	7053592	0.54	cps
Holmium	165-2	2672523	2518999	2753812	2648445	4.50	cps
Indium	115-1	4750152	4753614	4678323	4727363	0.90	cps
Indium	115-2	717310	681878	737249	712146	3.94	cps
Iron	56-2	1006091	951214	1032223	996509	4.15	cps
Iron	57-2	25845	23742	26380	25322	5.51	cps
Lead	206-1	88968	88935	87722	88542	0.80	cps
Lead	207-1	81767	81889	81778	81811	0.08	cps
Lead	208-1	367819	368996	363523	366779	0.79	cps
Lithium	6-1	4077738	4077681	4028193	4061204	0.70	cps
Magnesium	24-2	3733957	3492360	3848268	3691528	4.92	cps
Manganese	55-2	329148	309142	339089	325793	4.68	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-15	Instrumnet Name :	P7
Client Sample ID :	MGA5E3S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:40:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	408	533	469	13.32	cps
Molybdenum	95-1	425	275	400	367	21.92	cps
Molybdenum	96-1	433	542	542	506	12.37	cps
Molybdenum	97-1	175	292	358	275	33.74	cps
Molybdenum	98-1	625	558	667	617	8.86	cps
Neodymium	150-1	207	147	240	198	23.92	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	229186	217643	236108	227646	4.10	cps
Phosphorus	31-2	408	292	333	344	17.17	cps
Potassium	39-2	65579	63486	66508	65191	2.37	cps
Rhodium	103-1	3909515	3897691	3846261	3884489	0.87	cps
Rhodium	103-2	1651710	1556374	1708465	1638850	4.69	cps
Scandium	45-1	3405559	3383078	3308620	3365752	1.51	cps
Scandium	45-2	139383	132149	143961	138498	4.30	cps
Selenium	77-2	200	247	230	226	10.48	cps
Selenium	78-2	787	713	683	728	7.34	cps
Selenium	82-1	5861	5666	5459	5662	3.55	cps
Silicon	28-1	49466118	49173675	49094610	49244801	0.40	cps
Silver	109-1	201946	200922	199596	200821	0.59	cps
Silver	107-1	210397	209435	207896	209243	0.60	cps
Sodium	23-2	511811	489150	526692	509218	3.71	cps
Strontium	86-1	28187	28387	27060	27878	2.57	cps
Strontium	88-1	242964	242642	240043	241883	0.66	cps
Sulfur	34-1	554307	548795	550362	551155	0.52	cps
Terbium	159-1	7144368	7083519	7045368	7091085	0.70	cps
Terbium	159-2	2601572	2452542	2681072	2578395	4.50	cps
Thallium	203-1	253492	251246	251506	252081	0.49	cps
Thallium	205-1	618306	622439	616502	619082	0.49	cps
Tin	118-1	808	817	533	719	22.41	cps
Titanium	47-1	783	725	800	770	5.12	cps
Uranium	238-1	5435	5501	5135	5357	3.65	cps
Vanadium	51-2	493758	462102	507406	487756	4.76	cps
Yttrium	89-1	4502379	4481857	4436157	4473464	0.76	cps
Yttrium	89-2	531963	501935	550633	528177	4.65	cps
Zinc	66-2	90824	85844	93124	89931	4.14	cps
Zirconium	90-1	675	758	667	700	7.24	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-15	Instrumnet Name :	P7
Client Sample ID :	MGA5E3S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:40:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	258	158	200	26.04	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-12	Instrumnet Name :	P7
Client Sample ID :	MGA5E2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:44:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	100	167	147	27.92	cps
Antimony	121-1	675	558	608	614	9.53	cps
Arsenic	75-2	20	22	19	20	9.08	cps
Barium	135-1	20958	20766	20224	20649	1.85	cps
Barium	137-1	36507	36616	36199	36441	0.59	cps
Beryllium	9-1	317	206	250	257	21.73	cps
Bismuth	209-1	5126723	5101558	5031792	5086691	0.97	cps
Bismuth	209-2	2034807	1947330	2134163	2038766	4.59	cps
Boron	10-1	1158	1125	1267	1183	6.26	cps
Boron	11-1	4918	5576	5610	5368	7.27	cps
Cadmium	111-1	1462	1408	1398	1423	2.42	cps
Cadmium	106-1	2075	1950	1975	2000	3.31	cps
Cadmium	108-1	17	4	8	10	65.47	cps
Calcium	43-1	782479	776639	764232	774450	1.20	cps
Calcium	44-1	12528355	12520092	12315606	12454684	0.97	cps
Chromium	52-2	1170	1080	1447	1232	15.51	cps
Cobalt	59-2	200	213	147	187	18.90	cps
Copper	63-2	8769	8312	9133	8738	4.70	cps
Dysprosium	156-1	42	83	67	64	32.83	cps
Dysprosium	156-2	30	27	27	28	6.92	cps
Erbium	164-1	150	83	108	114	29.57	cps
Erbium	164-2	13	37	43	31	50.64	cps
Gadolinium	160-1	108	142	83	111	26.34	cps
Gadolinium	160-2	60	43	73	59	25.53	cps
Holmium	165-1	6973750	6958987	6932069	6954935	0.30	cps
Holmium	165-2	2571521	2448603	2692311	2570812	4.74	cps
Indium	115-1	4644589	4594396	4546024	4595003	1.07	cps
Indium	115-2	683271	654866	715641	684593	4.44	cps
Iron	56-2	12539	12339	12639	12506	1.22	cps
Iron	57-2	1545	1306	1489	1446	8.64	cps
Lead	206-1	6507	6307	5863	6226	5.30	cps
Lead	207-1	5546	5579	5435	5520	1.37	cps
Lead	208-1	26328	25393	25283	25668	2.24	cps
Lithium	6-1	3981405	3964813	3924989	3957069	0.73	cps
Magnesium	24-2	5506068	5278062	5776849	5520327	4.52	cps
Manganese	55-2	203	300	237	247	19.91	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-12	Instrumnet Name :	P7
Client Sample ID :	MGA5E2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:44:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	300	200	358	286	27.99	cps
Molybdenum	95-1	200	192	192	194	2.47	cps
Molybdenum	96-1	258	267	200	242	15.03	cps
Molybdenum	97-1	158	200	158	172	13.97	cps
Molybdenum	98-1	300	292	217	269	17.03	cps
Neodymium	150-1	47	53	67	56	18.33	cps
Neodymium	150-2	7	27	33	22	62.43	cps
Nickel	60-2	863	857	857	859	0.45	cps
Phosphorus	31-2	383	342	292	339	13.54	cps
Potassium	39-2	58625	57571	60867	59021	2.85	cps
Rhodium	103-1	3840272	3796728	3745102	3794034	1.26	cps
Rhodium	103-2	1586385	1510970	1657408	1584921	4.62	cps
Scandium	45-1	3332428	3315529	3238473	3295477	1.52	cps
Scandium	45-2	135454	129681	143433	136189	5.07	cps
Selenium	77-2	13	0	0	4	173.21	cps
Selenium	78-2	7	11	22	14	56.76	cps
Selenium	82-1	-16	-18	-41	-25	-54.27	cps
Silicon	28-1	50259705	49861422	49912392	50011173	0.43	cps
Silver	109-1	392	383	200	325	33.33	cps
Silver	107-1	383	425	325	378	13.30	cps
Sodium	23-2	828859	789819	866192	828290	4.61	cps
Strontium	86-1	36622	35963	36221	36269	0.92	cps
Strontium	88-1	321053	316549	314024	317209	1.12	cps
Sulfur	34-1	559262	558853	562353	560156	0.34	cps
Terbium	159-1	7030661	6978036	6939523	6982740	0.66	cps
Terbium	159-2	2508025	2395703	2631036	2511588	4.69	cps
Thallium	203-1	308	267	217	264	17.39	cps
Thallium	205-1	583	658	600	614	6.42	cps
Tin	118-1	475	567	625	556	13.61	cps
Titanium	47-1	558	500	600	553	9.09	cps
Uranium	238-1	7336	7311	7544	7397	1.73	cps
Vanadium	51-2	493	350	453	432	17.11	cps
Yttrium	89-1	4424927	4393449	4348843	4389073	0.87	cps
Yttrium	89-2	516308	492270	542960	517179	4.90	cps
Zinc	66-2	4217	4187	4591	4332	5.19	cps
Zirconium	90-1	425	383	358	389	8.66	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7063-12	Instrumnet Name :	P7
Client Sample ID :	MGA5E2	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:44:20	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	142	100	136	24.74	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-01	Instrumnet Name :	P7
Client Sample ID :	MGA584	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:47:51	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	350	375	369	4.69	cps
Antimony	121-1	675	775	617	689	11.62	cps
Arsenic	75-2	20	44	28	31	39.96	cps
Barium	135-1	39181	39758	39056	39332	0.95	cps
Barium	137-1	68228	68898	66703	67943	1.66	cps
Beryllium	9-1	222	233	261	239	8.39	cps
Bismuth	209-1	5192103	5114508	5070566	5125726	1.20	cps
Bismuth	209-2	2206396	2189728	2177501	2191208	0.66	cps
Boron	10-1	1308	1500	1283	1364	8.69	cps
Boron	11-1	5693	6285	6285	6088	5.61	cps
Cadmium	111-1	1504	1496	1480	1494	0.84	cps
Cadmium	106-1	2134	2159	2109	2134	1.17	cps
Cadmium	108-1	8	21	13	14	45.83	cps
Calcium	43-1	411071	407981	402272	407108	1.10	cps
Calcium	44-1	6763076	6710030	6653030	6708712	0.82	cps
Chromium	52-2	257	197	213	222	13.94	cps
Cobalt	59-2	250	243	297	263	11.03	cps
Copper	63-2	2040	1963	2094	2032	3.22	cps
Dysprosium	156-1	25	67	25	39	61.86	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	13	23	13	17	34.65	cps
Gadolinium	160-1	50	67	33	50	33.34	cps
Gadolinium	160-2	23	47	33	34	34.00	cps
Holmium	165-1	7030723	6959361	6855057	6948380	1.27	cps
Holmium	165-2	2761517	2744750	2727040	2744436	0.63	cps
Indium	115-1	4642687	4591408	4534248	4589448	1.18	cps
Indium	115-2	730919	728741	732306	730655	0.25	cps
Iron	56-2	16396	15220	14624	15413	5.85	cps
Iron	57-2	1100	978	1028	1035	5.94	cps
Lead	206-1	633	661	561	619	8.35	cps
Lead	207-1	594	628	461	561	15.72	cps
Lead	208-1	2750	2611	2472	2611	5.32	cps
Lithium	6-1	3937603	3926662	3897532	3920599	0.53	cps
Magnesium	24-2	3070683	3065928	3081451	3072687	0.26	cps
Manganese	55-2	3007	3210	3304	3174	4.78	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-01	Instrumnet Name :	P7
Client Sample ID :	MGA584	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:47:51	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	358	242	317	20.55	cps
Molybdenum	95-1	333	350	267	317	13.93	cps
Molybdenum	96-1	433	300	367	367	18.18	cps
Molybdenum	97-1	258	233	250	247	5.15	cps
Molybdenum	98-1	375	583	433	464	23.17	cps
Neodymium	150-1	13	47	27	29	58.08	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	667	657	713	679	4.46	cps
Phosphorus	31-2	358	283	292	311	13.21	cps
Potassium	39-2	150481	148916	152012	150470	1.03	cps
Rhodium	103-1	3854358	3783980	3743175	3793838	1.48	cps
Rhodium	103-2	1706671	1698819	1693791	1699760	0.38	cps
Scandium	45-1	3302664	3275563	3244445	3274224	0.89	cps
Scandium	45-2	143644	143564	144183	143797	0.23	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	9	17	12	36.47	cps
Selenium	82-1	-86	-38	-83	-69	-39.34	cps
Silicon	28-1	47255817	47164249	46761421	47060495	0.56	cps
Silver	109-1	358	375	325	353	7.22	cps
Silver	107-1	317	317	367	333	8.66	cps
Sodium	23-2	840853	837639	837774	838755	0.22	cps
Strontium	86-1	35863	33423	34676	34654	3.52	cps
Strontium	88-1	308893	302614	301514	304340	1.31	cps
Sulfur	34-1	556803	551788	541258	549950	1.44	cps
Terbium	159-1	7024570	6936859	6912072	6957834	0.85	cps
Terbium	159-2	2678236	2682513	2682535	2681095	0.09	cps
Thallium	203-1	117	108	58	94	33.40	cps
Thallium	205-1	342	200	217	253	30.63	cps
Tin	118-1	400	500	467	456	11.18	cps
Titanium	47-1	458	517	500	492	6.11	cps
Uranium	238-1	6777	6644	6644	6688	1.15	cps
Vanadium	51-2	687	730	660	692	5.10	cps
Yttrium	89-1	4413233	4376455	4307098	4365595	1.23	cps
Yttrium	89-2	545471	544285	546347	545368	0.19	cps
Zinc	66-2	897	847	807	850	5.31	cps
Zirconium	90-1	425	433	442	433	1.92	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-01	Instrumnet Name :	P7
Client Sample ID :	MGA584	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:47:51	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	25	92	72	56.92	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-02	Instrumnet Name :	P7
Client Sample ID :	MGA585	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:51:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	983	1392	1275	1217	17.29	cps
Antimony	121-1	783	867	908	853	7.46	cps
Arsenic	75-2	43	57	33	44	27.33	cps
Barium	135-1	28989	28714	28572	28758	0.74	cps
Barium	137-1	48955	49740	49740	49478	0.92	cps
Beryllium	9-1	178	194	239	204	15.51	cps
Bismuth	209-1	5035451	4990284	4981162	5002299	0.58	cps
Bismuth	209-2	2138162	2124249	2142339	2134917	0.44	cps
Boron	10-1	1458	1342	1133	1311	12.56	cps
Boron	11-1	6160	6135	6560	6285	3.80	cps
Cadmium	111-1	1414	1573	1536	1507	5.51	cps
Cadmium	106-1	2009	2217	2200	2142	5.41	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	792030	780106	774355	782164	1.15	cps
Calcium	44-1	12728119	12626109	12559682	12637970	0.67	cps
Chromium	52-2	283	270	273	276	2.52	cps
Cobalt	59-2	4948	4884	5044	4959	1.63	cps
Copper	63-2	4404	4324	4567	4432	2.80	cps
Dysprosium	156-1	92	42	67	67	37.50	cps
Dysprosium	156-2	23	20	30	24	20.83	cps
Erbium	164-1	67	83	125	92	32.78	cps
Erbium	164-2	43	37	17	32	43.06	cps
Gadolinium	160-1	142	133	67	114	36.10	cps
Gadolinium	160-2	53	50	43	49	10.42	cps
Holmium	165-1	6979238	6890425	6847634	6905766	0.97	cps
Holmium	165-2	2721052	2698769	2722747	2714189	0.49	cps
Indium	115-1	4547588	4505772	4467779	4507047	0.89	cps
Indium	115-2	716493	717116	722310	718640	0.44	cps
Iron	56-2	17456	18407	17801	17888	2.69	cps
Iron	57-2	1478	1683	1617	1593	6.59	cps
Lead	206-1	4434	4090	3684	4069	9.23	cps
Lead	207-1	3289	3195	3228	3238	1.48	cps
Lead	208-1	15793	15560	15043	15465	2.48	cps
Lithium	6-1	3883345	3874160	3874450	3877318	0.13	cps
Magnesium	24-2	6309104	6315924	6251975	6292334	0.56	cps
Manganese	55-2	6422	6295	6341	6353	1.01	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-02	Instrumnet Name :	P7
Client Sample ID :	MGA585	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:51:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	892	967	925	928	4.05	cps
Molybdenum	95-1	1217	1067	1067	1117	7.76	cps
Molybdenum	96-1	1433	1192	1233	1286	10.05	cps
Molybdenum	97-1	783	792	900	825	7.89	cps
Molybdenum	98-1	1959	1592	1967	1839	11.65	cps
Neodymium	150-1	127	127	80	111	24.25	cps
Neodymium	150-2	20	33	27	27	24.99	cps
Nickel	60-2	1173	1337	1267	1259	6.51	cps
Phosphorus	31-2	275	292	417	328	23.62	cps
Potassium	39-2	111525	110500	110905	110977	0.47	cps
Rhodium	103-1	3764572	3732594	3704429	3733865	0.81	cps
Rhodium	103-2	1673679	1665811	1675100	1671530	0.30	cps
Scandium	45-1	3290656	3232028	3204994	3242559	1.35	cps
Scandium	45-2	141911	141383	143163	142152	0.64	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	15	7	20	14	45.80	cps
Selenium	82-1	-83	-64	-11	-53	-71.20	cps
Silicon	28-1	47694947	47509739	47396481	47533722	0.32	cps
Silver	109-1	317	300	267	294	8.65	cps
Silver	107-1	317	342	417	358	14.52	cps
Sodium	23-2	878712	882473	882971	881385	0.26	cps
Strontium	86-1	51652	50414	51603	51223	1.37	cps
Strontium	88-1	454194	448645	445248	449362	1.00	cps
Sulfur	34-1	1205160	1197565	1192397	1198374	0.54	cps
Terbium	159-1	6957673	6859308	6887720	6901567	0.73	cps
Terbium	159-2	2646052	2642694	2658203	2648983	0.31	cps
Thallium	203-1	117	75	83	92	24.05	cps
Thallium	205-1	325	308	342	325	5.13	cps
Tin	118-1	400	467	542	469	15.10	cps
Titanium	47-1	642	692	583	639	8.49	cps
Uranium	238-1	16486	15084	15769	15780	4.44	cps
Vanadium	51-2	940	853	817	870	7.28	cps
Yttrium	89-1	4362062	4321641	4311772	4331825	0.62	cps
Yttrium	89-2	538853	540381	541588	540274	0.25	cps
Zinc	66-2	427	407	360	398	8.60	cps
Zirconium	90-1	500	600	525	542	9.61	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-02	Instrumnet Name :	P7
Client Sample ID :	MGA585	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:51:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	92	142	119	21.31	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-03	Instrumnet Name :	P7
Client Sample ID :	MGA586	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:54:55	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1134	933	1242	1103	14.19	cps
Antimony	121-1	917	950	783	883	9.98	cps
Arsenic	75-2	52	50	41	48	12.52	cps
Barium	135-1	28321	28472	28129	28307	0.61	cps
Barium	137-1	50142	49130	50326	49866	1.29	cps
Beryllium	9-1	150	200	239	196	22.70	cps
Bismuth	209-1	5081882	5037861	4970559	5030101	1.11	cps
Bismuth	209-2	1992684	1948344	2119184	2020071	4.39	cps
Boron	10-1	1659	1150	1425	1411	18.04	cps
Boron	11-1	6110	6243	6402	6252	2.34	cps
Cadmium	111-1	1554	1549	1327	1477	8.77	cps
Cadmium	106-1	2200	2200	1859	2086	9.46	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	793520	790950	779776	788082	0.93	cps
Calcium	44-1	12746335	12685286	12551711	12661111	0.79	cps
Chromium	52-2	1143	1117	1223	1161	4.78	cps
Cobalt	59-2	4521	4457	5031	4670	6.73	cps
Copper	63-2	3964	3867	4127	3986	3.30	cps
Dysprosium	156-1	75	50	75	67	21.65	cps
Dysprosium	156-2	30	27	17	24	28.38	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	30	47	63	47	35.71	cps
Gadolinium	160-1	58	42	67	56	22.91	cps
Gadolinium	160-2	40	43	50	44	11.46	cps
Holmium	165-1	6993646	6943141	6888378	6941722	0.76	cps
Holmium	165-2	2519514	2463999	2684970	2556161	4.50	cps
Indium	115-1	4544081	4494605	4454891	4497859	0.99	cps
Indium	115-2	665940	646919	701745	671535	4.15	cps
Iron	56-2	18719	18396	19753	18956	3.74	cps
Iron	57-2	1517	1578	1767	1621	8.04	cps
Lead	206-1	4162	3867	4006	4012	3.67	cps
Lead	207-1	3012	3167	3006	3062	2.99	cps
Lead	208-1	15259	15387	15020	15222	1.22	cps
Lithium	6-1	3895023	3880976	3870954	3882318	0.31	cps
Magnesium	24-2	5880096	5731474	6215292	5942287	4.17	cps
Manganese	55-2	6011	6115	6431	6186	3.54	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-03	Instrumnet Name :	P7
Client Sample ID :	MGA586	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:54:55	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	817	875	883	858	4.23	cps
Molybdenum	95-1	1200	1358	1167	1242	8.25	cps
Molybdenum	96-1	1258	1308	1375	1314	4.46	cps
Molybdenum	97-1	875	858	867	867	0.96	cps
Molybdenum	98-1	1742	2025	2042	1936	8.71	cps
Neodymium	150-1	67	93	87	82	16.88	cps
Neodymium	150-2	13	23	30	22	37.76	cps
Nickel	60-2	1387	1480	1400	1422	3.55	cps
Phosphorus	31-2	300	258	342	300	13.89	cps
Potassium	39-2	104490	101520	109636	105215	3.90	cps
Rhodium	103-1	3756541	3739659	3667422	3721207	1.27	cps
Rhodium	103-2	1544178	1515805	1634546	1564843	3.96	cps
Scandium	45-1	3254666	3235699	3200303	3230223	0.85	cps
Scandium	45-2	130872	125956	138833	131887	4.93	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	7	4	20	10	83.41	cps
Selenium	82-1	-50	-72	-43	-55	-27.56	cps
Silicon	28-1	47787501	47264321	47031271	47361031	0.82	cps
Silver	109-1	325	258	200	261	23.95	cps
Silver	107-1	308	367	325	333	9.01	cps
Sodium	23-2	810541	791684	852170	818132	3.78	cps
Strontium	86-1	52062	51769	50765	51532	1.32	cps
Strontium	88-1	454889	446509	449198	450199	0.95	cps
Sulfur	34-1	1201335	1195032	1183908	1193425	0.74	cps
Terbium	159-1	6956168	6934925	6856831	6915974	0.76	cps
Terbium	159-2	2473068	2401086	2621697	2498617	4.50	cps
Thallium	203-1	92	117	67	92	27.27	cps
Thallium	205-1	400	275	308	328	19.75	cps
Tin	118-1	433	458	408	433	5.77	cps
Titanium	47-1	600	617	650	622	4.09	cps
Uranium	238-1	15910	15493	16119	15841	2.01	cps
Vanadium	51-2	857	900	1017	924	8.95	cps
Yttrium	89-1	4348194	4300114	4262616	4303641	1.00	cps
Yttrium	89-2	500323	488195	528552	505690	4.09	cps
Zinc	66-2	480	493	520	498	4.09	cps
Zirconium	90-1	542	608	467	539	13.15	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-03	Instrumnet Name :	P7
Client Sample ID :	MGA586	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:54:55	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	108	117	119	10.66	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-04	Instrumnet Name :	P7
Client Sample ID :	MGA587	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:58:27	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575	608	400	528	21.20	cps
Antimony	121-1	800	692	692	728	8.59	cps
Arsenic	75-2	20	33	26	27	24.49	cps
Barium	135-1	24406	23370	24155	23977	2.25	cps
Barium	137-1	41597	41270	41254	41374	0.47	cps
Beryllium	9-1	172	94	161	143	29.50	cps
Bismuth	209-1	5054289	4985136	4994810	5011412	0.75	cps
Bismuth	209-2	2147360	2147842	2146611	2147271	0.03	cps
Boron	10-1	1383	1233	1292	1303	5.80	cps
Boron	11-1	6360	6168	6143	6224	1.90	cps
Cadmium	111-1	1578	1436	1392	1468	6.62	cps
Cadmium	106-1	2242	2034	1959	2078	7.07	cps
Cadmium	108-1	0	13	0	4	173.21	cps
Calcium	43-1	814308	811191	804701	810066	0.61	cps
Calcium	44-1	13088070	13087294	13011540	13062302	0.34	cps
Chromium	52-2	307	293	270	290	6.40	cps
Cobalt	59-2	4998	5001	4864	4954	1.57	cps
Copper	63-2	3387	3554	3514	3485	2.50	cps
Dysprosium	156-1	50	83	25	53	55.46	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	20	33	47	33	40.01	cps
Gadolinium	160-1	58	58	83	67	21.65	cps
Gadolinium	160-2	43	33	30	36	19.51	cps
Holmium	165-1	6951442	6887533	6934269	6924415	0.48	cps
Holmium	165-2	2713836	2721699	2730062	2721866	0.30	cps
Indium	115-1	4467102	4468667	4450403	4462057	0.23	cps
Indium	115-2	711989	706869	704451	707769	0.54	cps
Iron	56-2	12078	12450	11805	12111	2.67	cps
Iron	57-2	1483	1428	1639	1517	7.22	cps
Lead	206-1	3423	3089	3423	3312	5.81	cps
Lead	207-1	2639	2584	2723	2648	2.64	cps
Lead	208-1	12970	12553	12853	12792	1.68	cps
Lithium	6-1	3862673	3847260	3834627	3848187	0.37	cps
Magnesium	24-2	6152277	6161568	6108457	6140767	0.46	cps
Manganese	55-2	4114	4184	4061	4120	1.50	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-04	Instrumnet Name :	P7
Client Sample ID :	MGA587	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:58:27	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	650	433	558	547	19.87	cps
Molybdenum	95-1	808	867	833	836	3.50	cps
Molybdenum	96-1	1033	783	800	872	16.03	cps
Molybdenum	97-1	575	558	433	522	14.83	cps
Molybdenum	98-1	1325	1425	1267	1339	5.98	cps
Neodymium	150-1	53	80	67	67	19.99	cps
Neodymium	150-2	23	20	17	20	16.65	cps
Nickel	60-2	1117	1003	1130	1083	6.43	cps
Phosphorus	31-2	342	342	300	328	7.34	cps
Potassium	39-2	106892	107992	106070	106985	0.90	cps
Rhodium	103-1	3731005	3696923	3669162	3699030	0.84	cps
Rhodium	103-2	1666774	1649725	1649023	1655174	0.61	cps
Scandium	45-1	3210075	3199787	3159104	3189655	0.85	cps
Scandium	45-2	141868	139919	138554	140114	1.19	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	24	7	13	15	57.27	cps
Selenium	82-1	-22	-11	-46	-26	-68.39	cps
Silicon	28-1	48125259	47779865	47605592	47836905	0.55	cps
Silver	109-1	208	233	225	222	5.73	cps
Silver	107-1	300	283	392	325	17.95	cps
Sodium	23-2	779014	778444	769350	775603	0.70	cps
Strontium	86-1	44620	44570	43976	44389	0.81	cps
Strontium	88-1	393253	386834	384624	388237	1.15	cps
Sulfur	34-1	1189644	1179077	1177329	1182016	0.56	cps
Terbium	159-1	6933301	6897066	6888975	6906447	0.34	cps
Terbium	159-2	2638416	2649474	2663309	2650399	0.47	cps
Thallium	203-1	67	75	75	72	6.66	cps
Thallium	205-1	242	233	233	236	2.04	cps
Tin	118-1	475	375	442	431	11.83	cps
Titanium	47-1	458	558	575	531	11.89	cps
Uranium	238-1	13099	12974	12715	12929	1.51	cps
Vanadium	51-2	810	803	900	838	6.44	cps
Yttrium	89-1	4304872	4275361	4247804	4276012	0.67	cps
Yttrium	89-2	537249	533700	536230	535726	0.34	cps
Zinc	66-2	587	513	620	573	9.52	cps
Zirconium	90-1	367	375	392	378	3.37	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-04	Instrumnet Name :	P7
Client Sample ID :	MGA587	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 15:58:27	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	117	142	117	21.43	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-05	Instrumnet Name :	P7
Client Sample ID :	MGA588	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:01:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8178	8055	8687	8307	4.04	cps
Antimony	121-1	933	1033	933	967	5.97	cps
Arsenic	75-2	67	31	54	51	35.16	cps
Barium	135-1	39415	40276	38271	39321	2.56	cps
Barium	137-1	70447	68494	67692	68878	2.06	cps
Beryllium	9-1	150	256	211	206	25.78	cps
Bismuth	209-1	5038993	4967513	4894149	4966885	1.46	cps
Bismuth	209-2	1933066	1912166	2092859	1979364	4.99	cps
Boron	10-1	1725	1383	1425	1511	12.34	cps
Boron	11-1	7527	7552	8086	7722	4.09	cps
Cadmium	111-1	1529	1445	1376	1450	5.31	cps
Cadmium	106-1	2134	2025	1934	2031	4.93	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	817615	806695	796910	807073	1.28	cps
Calcium	44-1	13157724	13039791	12858439	13018651	1.16	cps
Chromium	52-2	390	447	460	432	8.60	cps
Cobalt	59-2	4251	4097	4521	4290	5.00	cps
Copper	63-2	4998	4771	5198	4989	4.28	cps
Dysprosium	156-1	475	375	433	428	11.74	cps
Dysprosium	156-2	150	147	143	147	2.27	cps
Erbium	164-1	475	442	408	442	7.55	cps
Erbium	164-2	140	137	193	157	20.30	cps
Gadolinium	160-1	500	425	342	422	18.76	cps
Gadolinium	160-2	143	180	213	179	19.57	cps
Holmium	165-1	6970010	6832099	6756107	6852738	1.58	cps
Holmium	165-2	2429979	2411182	2626200	2489120	4.78	cps
Indium	115-1	4497874	4428483	4358379	4428245	1.58	cps
Indium	115-2	642301	635181	691333	656272	4.66	cps
Iron	56-2	98471	101562	111559	103864	6.59	cps
Iron	57-2	3395	3378	3840	3538	7.40	cps
Lead	206-1	16055	16188	16066	16103	0.46	cps
Lead	207-1	12590	12712	12011	12438	3.01	cps
Lead	208-1	60271	60778	59921	60323	0.71	cps
Lithium	6-1	3863830	3829309	3775671	3822937	1.16	cps
Magnesium	24-2	5535106	5503125	5973363	5670531	4.63	cps
Manganese	55-2	32630	32115	34865	33203	4.40	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-05	Instrumnet Name :	P7
Client Sample ID :	MGA588	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:01:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1317	1133	1375	1275	9.89	cps
Molybdenum	95-1	1458	1575	1400	1478	6.03	cps
Molybdenum	96-1	1875	1634	1859	1789	7.54	cps
Molybdenum	97-1	1167	1092	950	1070	10.29	cps
Molybdenum	98-1	2459	2509	2475	2481	1.03	cps
Neodymium	150-1	573	473	533	527	9.56	cps
Neodymium	150-2	143	150	190	161	15.67	cps
Nickel	60-2	1653	1650	1827	1710	5.91	cps
Phosphorus	31-2	367	342	300	336	10.02	cps
Potassium	39-2	134539	134152	142798	137163	3.56	cps
Rhodium	103-1	3721446	3677447	3610845	3669913	1.52	cps
Rhodium	103-2	1490404	1483580	1614407	1529464	4.81	cps
Scandium	45-1	3209371	3184223	3122473	3172022	1.41	cps
Scandium	45-2	125919	126077	137248	129748	5.01	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	17	11	9	12	31.24	cps
Selenium	82-1	-58	-54	-18	-43	-50.57	cps
Silicon	28-1	46181026	45916428	45789628	45962361	0.43	cps
Silver	109-1	333	283	175	264	30.67	cps
Silver	107-1	308	242	325	292	15.12	cps
Sodium	23-2	937975	921941	1015231	958382	5.20	cps
Strontium	86-1	50657	49896	49862	50138	0.90	cps
Strontium	88-1	445050	436004	433604	438219	1.38	cps
Sulfur	34-1	1121727	1108897	1096069	1108897	1.16	cps
Terbium	159-1	6943929	6913176	6775841	6877649	1.30	cps
Terbium	159-2	2366482	2364728	2563546	2431585	4.70	cps
Thallium	203-1	208	167	183	186	11.27	cps
Thallium	205-1	358	375	300	344	11.43	cps
Tin	118-1	492	392	467	450	11.57	cps
Titanium	47-1	1717	1642	2201	1853	16.37	cps
Uranium	238-1	20625	19432	19156	19738	3.96	cps
Vanadium	51-2	1037	1077	1090	1068	2.60	cps
Yttrium	89-1	4320304	4260322	4175167	4251931	1.72	cps
Yttrium	89-2	480310	480060	524695	495021	5.19	cps
Zinc	66-2	690	647	683	673	3.47	cps
Zirconium	90-1	1484	1042	1811	1446	26.72	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-05	Instrumnet Name :	P7
Client Sample ID :	MGA588	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:01:59	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	283	258	272	4.68	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06	Instrumnet Name :	P7
Client Sample ID :	MGA589	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:05:31	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583	592	492	556	9.99	cps
Antimony	121-1	1067	808	742	872	19.68	cps
Arsenic	75-2	19	15	20	18	15.82	cps
Barium	135-1	17745	16527	17153	17142	3.55	cps
Barium	137-1	29607	29959	30735	30100	1.92	cps
Beryllium	9-1	194	122	200	172	25.19	cps
Bismuth	209-1	5015780	4944993	4950224	4970332	0.79	cps
Bismuth	209-2	2127356	2096338	2094628	2106107	0.87	cps
Boron	10-1	1175	1292	1367	1278	7.56	cps
Boron	11-1	6118	6360	6627	6368	3.99	cps
Cadmium	111-1	1338	1293	1355	1329	2.43	cps
Cadmium	106-1	1850	1834	1900	1861	1.86	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Calcium	43-1	872823	862306	859445	864858	0.81	cps
Calcium	44-1	14028604	13875641	13795613	13899953	0.85	cps
Chromium	52-2	427	380	367	391	8.06	cps
Cobalt	59-2	5351	4768	5191	5103	5.91	cps
Copper	63-2	2540	2587	2614	2580	1.44	cps
Dysprosium	156-1	92	75	75	81	11.95	cps
Dysprosium	156-2	17	33	27	26	32.81	cps
Erbium	164-1	25	67	67	53	45.58	cps
Erbium	164-2	13	23	20	19	26.96	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	17	40	20	26	49.38	cps
Holmium	165-1	6855830	6756454	6781439	6797908	0.76	cps
Holmium	165-2	2672184	2663403	2630362	2655316	0.83	cps
Indium	115-1	4447219	4390261	4350698	4396060	1.10	cps
Indium	115-2	703963	688706	689261	693977	1.25	cps
Iron	56-2	17867	17583	17489	17646	1.12	cps
Iron	57-2	1767	1656	1811	1745	4.59	cps
Lead	206-1	4301	4095	4106	4167	2.77	cps
Lead	207-1	3062	3345	3045	3150	5.35	cps
Lead	208-1	15782	15437	15282	15500	1.65	cps
Lithium	6-1	3828681	3799297	3781497	3803158	0.63	cps
Magnesium	24-2	6121803	6061399	6056073	6079759	0.60	cps
Manganese	55-2	1413	1443	1583	1480	6.13	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06	Instrumnet Name :	P7
Client Sample ID :	MGA589	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:05:31	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	167	225	194	15.05	cps
Molybdenum	95-1	167	150	75	131	37.40	cps
Molybdenum	96-1	200	92	167	153	36.32	cps
Molybdenum	97-1	133	83	142	119	26.41	cps
Molybdenum	98-1	183	200	150	178	14.32	cps
Neodymium	150-1	53	73	53	60	19.24	cps
Neodymium	150-2	13	23	17	18	28.64	cps
Nickel	60-2	930	1027	940	966	5.51	cps
Phosphorus	31-2	258	308	267	278	9.64	cps
Potassium	39-2	99255	96615	96907	97592	1.48	cps
Rhodium	103-1	3682036	3632886	3616469	3643797	0.94	cps
Rhodium	103-2	1629691	1625137	1611857	1622229	0.57	cps
Scandium	45-1	3200919	3146823	3147182	3164975	0.98	cps
Scandium	45-2	138537	136686	136119	137114	0.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	13	9	10	28.61	cps
Selenium	82-1	-45	-66	-99	-70	-38.37	cps
Silicon	28-1	48560326	48257234	47633782	48150448	0.98	cps
Silver	109-1	200	292	350	281	26.95	cps
Silver	107-1	275	233	283	264	10.15	cps
Sodium	23-2	704677	692986	696460	698041	0.86	cps
Strontium	86-1	43676	43994	41603	43091	3.01	cps
Strontium	88-1	386703	379922	374204	380276	1.65	cps
Sulfur	34-1	1177245	1149922	1150680	1159283	1.34	cps
Terbium	159-1	6870276	6843017	6784685	6832659	0.64	cps
Terbium	159-2	2618573	2575303	2564871	2586249	1.10	cps
Thallium	203-1	58	42	75	58	28.57	cps
Thallium	205-1	108	92	167	122	32.22	cps
Tin	118-1	708	708	658	692	4.17	cps
Titanium	47-1	600	667	617	628	5.53	cps
Uranium	238-1	9070	9162	8970	9067	1.06	cps
Vanadium	51-2	787	853	883	841	5.88	cps
Yttrium	89-1	4264002	4203581	4168856	4212146	1.14	cps
Yttrium	89-2	528606	522811	522154	524524	0.68	cps
Zinc	66-2	437	427	433	432	1.18	cps
Zirconium	90-1	358	342	325	342	4.88	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06	Instrumnet Name :	P7
Client Sample ID :	MGA589	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:05:31	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	50	117	83	40.00	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-07	Instrumnet Name :	P7
Client Sample ID :	MGA589D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:09:04	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	550	442	514	12.17	cps
Antimony	121-1	675	817	800	764	10.14	cps
Arsenic	75-2	17	22	26	22	21.57	cps
Barium	135-1	17820	16644	17253	17239	3.41	cps
Barium	137-1	30342	29332	29691	29789	1.72	cps
Beryllium	9-1	172	117	200	163	26.04	cps
Bismuth	209-1	5022245	4953849	4945859	4973984	0.84	cps
Bismuth	209-2	2129464	2106520	2093453	2109812	0.86	cps
Boron	10-1	1292	1292	1217	1267	3.42	cps
Boron	11-1	6260	5776	6468	6168	5.75	cps
Cadmium	111-1	1566	1378	1371	1439	7.67	cps
Cadmium	106-1	2242	1950	1942	2045	8.36	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	867749	857910	857993	861217	0.66	cps
Calcium	44-1	13967973	13816731	13789235	13857979	0.69	cps
Chromium	52-2	397	387	397	393	1.47	cps
Cobalt	59-2	5121	5124	5361	5202	2.65	cps
Copper	63-2	2537	2610	2510	2552	2.03	cps
Dysprosium	156-1	92	50	42	61	43.83	cps
Dysprosium	156-2	17	27	33	26	32.81	cps
Erbium	164-1	92	67	50	69	30.20	cps
Erbium	164-2	33	33	20	29	26.64	cps
Gadolinium	160-1	108	50	67	75	40.06	cps
Gadolinium	160-2	57	63	23	48	44.86	cps
Holmium	165-1	6891251	6811118	6793885	6832084	0.76	cps
Holmium	165-2	2669479	2672250	2658649	2666793	0.27	cps
Indium	115-1	4440993	4368697	4367316	4392335	0.96	cps
Indium	115-2	694312	694411	689866	692863	0.37	cps
Iron	56-2	17483	17299	17800	17527	1.44	cps
Iron	57-2	1539	1628	1672	1613	4.21	cps
Lead	206-1	4051	3856	4317	4075	5.68	cps
Lead	207-1	3073	3084	2950	3036	2.44	cps
Lead	208-1	15187	14898	15098	15061	0.98	cps
Lithium	6-1	3828350	3791861	3785044	3801751	0.61	cps
Magnesium	24-2	6089183	6075868	6038535	6067862	0.43	cps
Manganese	55-2	1453	1697	1560	1570	7.77	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-07	Instrumnet Name :	P7
Client Sample ID :	MGA589D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:09:04	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	83	233	147	52.59	cps
Molybdenum	95-1	142	100	133	125	17.63	cps
Molybdenum	96-1	192	125	208	175	25.20	cps
Molybdenum	97-1	67	108	58	78	34.44	cps
Molybdenum	98-1	167	167	175	169	2.84	cps
Neodymium	150-1	73	53	53	60	19.24	cps
Neodymium	150-2	7	10	30	16	81.11	cps
Nickel	60-2	1037	1113	1010	1053	5.09	cps
Phosphorus	31-2	267	275	408	317	25.11	cps
Potassium	39-2	98727	97059	95256	97014	1.79	cps
Rhodium	103-1	3646862	3628989	3601178	3625676	0.63	cps
Rhodium	103-2	1629327	1629834	1615870	1625010	0.49	cps
Scandium	45-1	3180916	3145498	3135503	3153973	0.76	cps
Scandium	45-2	136596	138645	137192	137478	0.77	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	6	22	15	14	58.79	cps
Selenium	82-1	-60	-53	-29	-47	-33.92	cps
Silicon	28-1	48007698	47680527	47508402	47732209	0.53	cps
Silver	109-1	192	275	325	264	25.52	cps
Silver	107-1	275	192	300	256	22.20	cps
Sodium	23-2	695242	695325	691634	694067	0.30	cps
Strontium	86-1	43049	42346	43132	42842	1.01	cps
Strontium	88-1	384916	379538	377564	380673	1.00	cps
Sulfur	34-1	1155045	1147964	1145234	1149414	0.44	cps
Terbium	159-1	6847303	6844077	6785027	6825469	0.51	cps
Terbium	159-2	2610055	2597104	2567428	2591529	0.84	cps
Thallium	203-1	58	50	58	56	8.67	cps
Thallium	205-1	92	117	133	114	18.41	cps
Tin	118-1	533	558	358	483	22.55	cps
Titanium	47-1	650	742	642	678	8.19	cps
Uranium	238-1	8828	9254	9020	9034	2.36	cps
Vanadium	51-2	757	957	933	882	12.40	cps
Yttrium	89-1	4246813	4185555	4188106	4206825	0.82	cps
Yttrium	89-2	522957	525707	516908	521857	0.86	cps
Zinc	66-2	440	343	483	422	16.98	cps
Zirconium	90-1	325	267	250	281	14.04	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-07	Instrumnet Name :	P7
Client Sample ID :	MGA589D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:09:04	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	58	92	94	39.79	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA589L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:12:36	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	142	133	161	25.52	cps
Antimony	121-1	117	192	158	156	24.16	cps
Arsenic	75-2	4	7	9	7	41.70	cps
Barium	135-1	3459	2842	3234	3178	9.82	cps
Barium	137-1	5576	5226	5201	5335	3.93	cps
Beryllium	9-1	172	167	117	152	20.15	cps
Bismuth	209-1	4758609	4648010	4717829	4708150	1.19	cps
Bismuth	209-2	2025210	2044023	2035386	2034873	0.46	cps
Boron	10-1	475	367	467	436	13.82	cps
Boron	11-1	1792	2117	2000	1970	8.36	cps
Cadmium	111-1	1440	1345	1471	1419	4.65	cps
Cadmium	106-1	2042	1934	2100	2025	4.18	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	158406	156840	155796	157014	0.84	cps
Calcium	44-1	2728867	2732085	2731081	2730678	0.06	cps
Chromium	52-2	157	157	210	174	17.65	cps
Cobalt	59-2	980	1057	977	1004	4.51	cps
Copper	63-2	1423	1590	1700	1571	8.87	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	37	43	20	33	36.05	cps
Holmium	165-1	6339949	6274541	6348752	6321080	0.64	cps
Holmium	165-2	2519364	2537976	2532656	2529999	0.38	cps
Indium	115-1	4151470	4075699	4088517	4105229	0.99	cps
Indium	115-2	659269	661703	662024	660999	0.23	cps
Iron	56-2	6952	7258	7508	7239	3.85	cps
Iron	57-2	461	356	361	393	15.13	cps
Lead	206-1	1111	945	861	972	13.09	cps
Lead	207-1	850	861	744	819	7.87	cps
Lead	208-1	3956	3673	3456	3695	6.79	cps
Lithium	6-1	3313233	3272889	3292324	3292815	0.61	cps
Magnesium	24-2	1107216	1115137	1104454	1108935	0.50	cps
Manganese	55-2	353	340	380	358	5.69	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA589L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:12:36	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	158	92	158	136	28.28	cps
Molybdenum	95-1	58	50	8	39	68.89	cps
Molybdenum	96-1	75	100	92	89	14.33	cps
Molybdenum	97-1	42	42	42	42	0.00	cps
Molybdenum	98-1	50	42	83	58	37.80	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	937	807	850	864	7.66	cps
Phosphorus	31-2	267	417	367	350	21.82	cps
Potassium	39-2	37189	36470	37097	36919	1.06	cps
Rhodium	103-1	3503576	3426646	3475100	3468441	1.12	cps
Rhodium	103-2	1570107	1574034	1577431	1573857	0.23	cps
Scandium	45-1	2953451	2908258	2944665	2935458	0.82	cps
Scandium	45-2	132196	131702	130189	131362	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	7	13	10	28.61	cps
Selenium	82-1	-22	-25	-97	-48	-88.51	cps
Silicon	28-1	37308661	37244043	37065583	37206096	0.34	cps
Silver	109-1	83	108	158	117	32.73	cps
Silver	107-1	117	150	175	147	19.88	cps
Sodium	23-2	153982	154816	152089	153629	0.91	cps
Strontium	86-1	7936	8261	8194	8130	2.11	cps
Strontium	88-1	68857	68388	68933	68726	0.43	cps
Sulfur	34-1	624814	623343	621830	623329	0.24	cps
Terbium	159-1	6351236	6282509	6329557	6321101	0.56	cps
Terbium	159-2	2458066	2469059	2463699	2463608	0.22	cps
Thallium	203-1	50	67	58	58	14.29	cps
Thallium	205-1	175	100	92	122	37.55	cps
Tin	118-1	375	375	408	386	4.99	cps
Titanium	47-1	258	283	333	292	13.09	cps
Uranium	238-1	1567	1700	1517	1595	5.94	cps
Vanadium	51-2	277	290	277	281	2.74	cps
Yttrium	89-1	3968156	3908336	3956267	3944253	0.80	cps
Yttrium	89-2	504386	504751	502857	503998	0.20	cps
Zinc	66-2	213	150	260	208	26.57	cps
Zirconium	90-1	292	250	283	275	8.02	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA589L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:12:36	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	100	50	72	35.25	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-08	Instrumnet Name :	P7
Client Sample ID :	MGA589S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112874	108744	110968	110862	1.86	cps
Antimony	121-1	377185	373138	371911	374078	0.74	cps
Arsenic	75-2	3715	3691	3838	3748	2.09	cps
Barium	135-1	1760743	1739363	1747171	1749092	0.62	cps
Barium	137-1	3072775	3043157	3038374	3051435	0.61	cps
Beryllium	9-1	90714	88736	89842	89764	1.10	cps
Bismuth	209-1	5019526	4962885	4946852	4976421	0.77	cps
Bismuth	209-2	2101378	1996850	2072625	2056951	2.63	cps
Boron	10-1	1192	1408	1125	1242	11.93	cps
Boron	11-1	6010	5851	5985	5949	1.43	cps
Cadmium	111-1	43384	43597	42003	42995	2.01	cps
Cadmium	106-1	5810	5868	5676	5785	1.70	cps
Cadmium	108-1	2734	2667	2704	2702	1.24	cps
Calcium	43-1	865388	847918	844785	852697	1.30	cps
Calcium	44-1	13744721	13684470	13639127	13689439	0.39	cps
Chromium	52-2	217360	206521	214182	212688	2.62	cps
Cobalt	59-2	828470	791760	815459	811896	2.29	cps
Copper	63-2	289432	276487	284443	283454	2.30	cps
Dysprosium	156-1	75	100	75	83	17.33	cps
Dysprosium	156-2	17	17	23	19	20.36	cps
Erbium	164-1	117	100	75	97	21.57	cps
Erbium	164-2	33	30	30	31	6.18	cps
Gadolinium	160-1	100	92	67	86	20.14	cps
Gadolinium	160-2	37	37	60	44	30.31	cps
Holmium	165-1	6832978	6757940	6801271	6797396	0.55	cps
Holmium	165-2	2626413	2508934	2614903	2583417	2.51	cps
Indium	115-1	4402871	4332991	4335450	4357104	0.91	cps
Indium	115-2	682341	654560	674883	670595	2.14	cps
Iron	56-2	902003	860726	890673	884467	2.41	cps
Iron	57-2	23291	22523	22690	22835	1.77	cps
Lead	206-1	82237	80565	81806	81536	1.06	cps
Lead	207-1	75799	74396	73977	74724	1.28	cps
Lead	208-1	342549	336185	335161	337965	1.18	cps
Lithium	6-1	3766785	3754327	3637939	3719684	1.91	cps
Magnesium	24-2	5979121	5685903	5846049	5837024	2.52	cps
Manganese	55-2	302309	287576	300768	296884	2.73	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-08	Instrumnet Name :	P7
Client Sample ID :	MGA589S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	225	208	222	5.73	cps
Molybdenum	95-1	92	125	142	119	21.31	cps
Molybdenum	96-1	225	275	317	272	16.86	cps
Molybdenum	97-1	33	92	83	69	45.44	cps
Molybdenum	98-1	200	208	308	239	25.24	cps
Neodymium	150-1	240	187	213	213	12.50	cps
Neodymium	150-2	23	17	23	21	18.21	cps
Nickel	60-2	211190	202051	208811	207351	2.29	cps
Phosphorus	31-2	333	392	333	353	9.55	cps
Potassium	39-2	97906	92739	92906	94517	3.11	cps
Rhodium	103-1	3625240	3599725	3581265	3602077	0.61	cps
Rhodium	103-2	1597654	1521467	1581559	1566893	2.56	cps
Scandium	45-1	3139428	3109739	3066768	3105312	1.18	cps
Scandium	45-2	135704	127974	133632	132437	3.02	cps
Selenium	77-2	213	250	190	218	13.89	cps
Selenium	78-2	639	648	622	636	2.06	cps
Selenium	82-1	5204	5052	5030	5096	1.86	cps
Silicon	28-1	47456097	47300096	47025816	47260669	0.46	cps
Silver	109-1	180277	178151	178488	178972	0.64	cps
Silver	107-1	189004	185650	186394	187016	0.94	cps
Sodium	23-2	684767	663595	677290	675218	1.59	cps
Strontium	86-1	43776	44278	42255	43436	2.42	cps
Strontium	88-1	385183	377334	375558	379358	1.35	cps
Sulfur	34-1	1145072	1124661	1125325	1131686	1.02	cps
Terbium	159-1	6811705	6752695	6770417	6778272	0.45	cps
Terbium	159-2	2553078	2445277	2532924	2510426	2.28	cps
Thallium	203-1	237065	230985	233788	233946	1.30	cps
Thallium	205-1	577296	569970	573829	573698	0.64	cps
Tin	118-1	483	475	492	483	1.72	cps
Titanium	47-1	650	758	542	650	16.67	cps
Uranium	238-1	9320	9062	9304	9229	1.57	cps
Vanadium	51-2	455803	430423	449561	445262	2.97	cps
Yttrium	89-1	4218858	4164793	4128912	4170854	1.09	cps
Yttrium	89-2	513340	491611	508514	504488	2.26	cps
Zinc	66-2	80815	77568	80212	79532	2.17	cps
Zirconium	90-1	558	483	450	497	11.16	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7066-08	Instrumnet Name :	P7
Client Sample ID :	MGA589S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	100	142	128	18.83	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-01	Instrumnet Name :	P7
Client Sample ID :	MGA591	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:19:38	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	267	233	269	13.95	cps
Antimony	121-1	700	667	808	725	10.22	cps
Arsenic	75-2	33	33	28	31	10.18	cps
Barium	135-1	39298	38212	37752	38421	2.07	cps
Barium	137-1	67649	65590	66938	66726	1.57	cps
Beryllium	9-1	150	278	256	228	29.97	cps
Bismuth	209-1	5114598	5053973	5029731	5066101	0.86	cps
Bismuth	209-2	2144990	2130200	1827272	2034154	8.82	cps
Boron	10-1	1283	1217	1275	1258	2.89	cps
Boron	11-1	5810	5326	5851	5662	5.16	cps
Cadmium	111-1	1523	1184	1196	1301	14.79	cps
Cadmium	106-1	2192	1700	1709	1867	15.08	cps
Cadmium	108-1	17	21	13	17	24.99	cps
Calcium	43-1	400279	396329	393079	396562	0.91	cps
Calcium	44-1	6555979	6519240	6462264	6512494	0.73	cps
Chromium	52-2	390	313	333	346	11.51	cps
Cobalt	59-2	287	263	263	271	4.97	cps
Copper	63-2	2450	2474	2434	2452	0.82	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	83	17	33	44	78.07	cps
Gadolinium	160-2	20	23	20	21	9.11	cps
Holmium	165-1	6814413	6852728	6806674	6824605	0.36	cps
Holmium	165-2	2676052	2644924	2266033	2529003	9.03	cps
Indium	115-1	4445888	4409557	4346363	4400603	1.14	cps
Indium	115-2	695114	689080	591626	658607	8.82	cps
Iron	56-2	10243	10120	9948	10104	1.46	cps
Iron	57-2	911	861	872	882	2.98	cps
Lead	206-1	583	606	600	596	1.94	cps
Lead	207-1	522	539	472	511	6.79	cps
Lead	208-1	2311	2267	2222	2267	1.96	cps
Lithium	6-1	3644053	3725731	3594423	3654736	1.81	cps
Magnesium	24-2	2958679	2935059	2978191	2957309	0.73	cps
Manganese	55-2	2274	2390	2477	2380	4.29	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-01	Instrumnet Name :	P7
Client Sample ID :	MGA591	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:19:38	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	308	350	339	7.90	cps
Molybdenum	95-1	325	300	225	283	18.37	cps
Molybdenum	96-1	350	375	375	367	3.94	cps
Molybdenum	97-1	175	225	217	206	13.03	cps
Molybdenum	98-1	467	583	383	478	21.03	cps
Neodymium	150-1	13	40	47	33	52.92	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	1193	1060	1223	1159	7.50	cps
Phosphorus	31-2	267	308	292	289	7.26	cps
Potassium	39-2	141512	142084	142032	141876	0.22	cps
Rhodium	103-1	3687169	3672188	3608471	3655943	1.14	cps
Rhodium	103-2	1640686	1622274	1385054	1549338	9.20	cps
Scandium	45-1	3164857	3133648	3094156	3130887	1.13	cps
Scandium	45-2	136394	134319	115281	128665	9.04	cps
Selenium	77-2	17	3	13	11	62.48	cps
Selenium	78-2	7	7	11	9	24.71	cps
Selenium	82-1	-41	-46	-70	-52	-29.07	cps
Silicon	28-1	44082243	43387835	43733606	43734561	0.79	cps
Silver	109-1	275	258	225	253	10.07	cps
Silver	107-1	233	225	233	231	2.09	cps
Sodium	23-2	808260	791948	808575	802928	1.18	cps
Strontium	86-1	34125	34434	34785	34448	0.96	cps
Strontium	88-1	299771	298992	297422	298729	0.40	cps
Sulfur	34-1	531753	528647	526472	528957	0.50	cps
Terbium	159-1	6831569	6828551	6803268	6821129	0.23	cps
Terbium	159-2	2589772	2582101	2200025	2457299	9.07	cps
Thallium	203-1	150	117	108	125	17.64	cps
Thallium	205-1	350	275	250	292	17.84	cps
Tin	118-1	292	475	492	419	26.46	cps
Titanium	47-1	533	450	500	494	8.48	cps
Uranium	238-1	7119	6769	6977	6955	2.53	cps
Vanadium	51-2	873	960	897	910	4.93	cps
Yttrium	89-1	4240367	4213563	4165244	4206391	0.91	cps
Yttrium	89-2	520995	519645	442268	494303	9.12	cps
Zinc	66-2	403	430	457	430	6.20	cps
Zirconium	90-1	275	425	358	353	21.31	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-01	Instrumnet Name :	P7
Client Sample ID :	MGA591	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:19:38	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	75	108	83	26.46	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-02	Instrumnet Name :	P7
Client Sample ID :	MGA592	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:23:09	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	425	183	269	50.09	cps
Antimony	121-1	850	1158	950	986	15.95	cps
Arsenic	75-2	33	37	26	32	17.62	cps
Barium	135-1	27620	28413	27920	27985	1.43	cps
Barium	137-1	50100	48419	48360	48960	2.02	cps
Beryllium	9-1	150	133	161	148	9.44	cps
Bismuth	209-1	4989097	4950793	4931612	4957168	0.59	cps
Bismuth	209-2	2127481	2106621	2106386	2113496	0.57	cps
Boron	10-1	1283	1483	1233	1333	9.92	cps
Boron	11-1	5593	5868	6051	5837	3.95	cps
Cadmium	111-1	1351	1381	1308	1346	2.72	cps
Cadmium	106-1	1934	1967	1859	1920	2.89	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	778308	774347	770505	774387	0.50	cps
Calcium	44-1	12556859	12401243	12426904	12461669	0.67	cps
Chromium	52-2	327	330	370	342	7.05	cps
Cobalt	59-2	4864	4541	4661	4689	3.49	cps
Copper	63-2	4081	3964	4024	4023	1.45	cps
Dysprosium	156-1	58	50	58	56	8.67	cps
Dysprosium	156-2	17	17	20	18	10.81	cps
Erbium	164-1	58	75	50	61	20.83	cps
Erbium	164-2	23	37	13	24	47.91	cps
Gadolinium	160-1	117	58	58	78	43.30	cps
Gadolinium	160-2	50	27	30	36	35.49	cps
Holmium	165-1	6850413	6749831	6768896	6789713	0.79	cps
Holmium	165-2	2689686	2669156	2667586	2675476	0.46	cps
Indium	115-1	4399078	4350970	4364740	4371596	0.57	cps
Indium	115-2	693947	691444	688887	691426	0.37	cps
Iron	56-2	7041	7141	7085	7089	0.71	cps
Iron	57-2	1372	1367	1345	1361	1.08	cps
Lead	206-1	1628	1611	1539	1593	2.97	cps
Lead	207-1	1228	1339	1395	1320	6.43	cps
Lead	208-1	6145	6123	6051	6106	0.81	cps
Lithium	6-1	3618482	3689422	3608817	3638907	1.21	cps
Magnesium	24-2	6193048	6213452	6195946	6200815	0.18	cps
Manganese	55-2	5658	5695	5915	5756	2.41	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-02	Instrumnet Name :	P7
Client Sample ID :	MGA592	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:23:09	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	808	842	825	825	2.02	cps
Molybdenum	95-1	1142	1275	1058	1158	9.43	cps
Molybdenum	96-1	1125	1283	1333	1247	8.72	cps
Molybdenum	97-1	775	858	700	778	10.18	cps
Molybdenum	98-1	1992	1959	2000	1984	1.11	cps
Neodymium	150-1	87	53	80	73	24.05	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	1660	1520	1773	1651	7.69	cps
Phosphorus	31-2	358	317	350	342	6.45	cps
Potassium	39-2	104835	106186	104726	105249	0.77	cps
Rhodium	103-1	3650652	3596909	3610769	3619444	0.77	cps
Rhodium	103-2	1624806	1626634	1619759	1623733	0.22	cps
Scandium	45-1	3142384	3093284	3093315	3109661	0.91	cps
Scandium	45-2	136243	136222	135199	135888	0.44	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	11	6	13	10	38.99	cps
Selenium	82-1	-30	-61	-46	-46	-34.22	cps
Silicon	28-1	44574153	44653192	44452922	44560089	0.23	cps
Silver	109-1	208	225	225	219	4.39	cps
Silver	107-1	283	192	267	247	19.75	cps
Sodium	23-2	841361	842191	835350	839634	0.44	cps
Strontium	86-1	51652	51477	52045	51725	0.56	cps
Strontium	88-1	450978	448025	446568	448523	0.50	cps
Sulfur	34-1	1164615	1157630	1157223	1159823	0.36	cps
Terbium	159-1	6841412	6785450	6796081	6807648	0.44	cps
Terbium	159-2	2595231	2596701	2592700	2594877	0.08	cps
Thallium	203-1	125	133	92	117	18.90	cps
Thallium	205-1	225	167	225	206	16.38	cps
Tin	118-1	458	383	425	422	8.90	cps
Titanium	47-1	408	525	583	506	17.63	cps
Uranium	238-1	15877	16036	16111	16008	0.74	cps
Vanadium	51-2	967	997	927	963	3.65	cps
Yttrium	89-1	4222444	4186624	4171569	4193546	0.62	cps
Yttrium	89-2	524166	523866	520832	522955	0.35	cps
Zinc	66-2	343	353	390	362	6.78	cps
Zirconium	90-1	283	367	317	322	13.02	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-02	Instrumnet Name :	P7
Client Sample ID :	MGA592	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:23:09	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	100	75	103	28.48	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-03	Instrumnet Name :	P7
Client Sample ID :	MGA593	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:26:40	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	267	350	308	13.51	cps
Antimony	121-1	1100	900	975	992	10.19	cps
Arsenic	75-2	41	39	56	45	20.28	cps
Barium	135-1	28121	28447	27453	28007	1.81	cps
Barium	137-1	48988	48796	50551	49445	1.95	cps
Beryllium	9-1	100	56	150	102	46.39	cps
Bismuth	209-1	5068040	4988717	4945665	5000807	1.24	cps
Bismuth	209-2	2129203	2128313	2123355	2126957	0.15	cps
Boron	10-1	1300	1192	1008	1167	12.64	cps
Boron	11-1	5935	5985	6135	6018	1.73	cps
Cadmium	111-1	1368	1426	1353	1383	2.80	cps
Cadmium	106-1	1959	2009	1925	1964	2.14	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	774483	766763	755199	765482	1.27	cps
Calcium	44-1	12454834	12343645	12275937	12358138	0.73	cps
Chromium	52-2	317	277	270	288	8.77	cps
Cobalt	59-2	4884	4591	4934	4803	3.86	cps
Copper	63-2	4147	4177	4027	4117	1.93	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	20	10	13	14	35.26	cps
Erbium	164-1	75	100	75	83	17.33	cps
Erbium	164-2	17	33	37	29	37.08	cps
Gadolinium	160-1	42	67	42	50	28.87	cps
Gadolinium	160-2	37	33	47	39	17.85	cps
Holmium	165-1	6913986	6819595	6823099	6852227	0.78	cps
Holmium	165-2	2691927	2673186	2675449	2680188	0.38	cps
Indium	115-1	4441176	4385586	4372726	4399829	0.83	cps
Indium	115-2	699077	699651	695689	698139	0.31	cps
Iron	56-2	7591	7641	7825	7686	1.60	cps
Iron	57-2	1367	1361	1250	1326	4.96	cps
Lead	206-1	1856	1706	1839	1800	4.57	cps
Lead	207-1	1500	1506	1445	1483	2.28	cps
Lead	208-1	7107	6812	6984	6968	2.12	cps
Lithium	6-1	3626267	3588407	3589459	3601378	0.60	cps
Magnesium	24-2	6165486	6127476	6120938	6137967	0.39	cps
Manganese	55-2	5951	5858	5928	5912	0.82	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : I7067-03 Instrumnet Name : P7
 Client Sample ID : MGA593 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 16:26:40 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	825	933	758	839	10.53	cps
Molybdenum	95-1	1267	1258	1083	1203	8.61	cps
Molybdenum	96-1	1275	1317	1375	1322	3.80	cps
Molybdenum	97-1	650	733	842	742	12.96	cps
Molybdenum	98-1	1800	1859	2134	1931	9.22	cps
Neodymium	150-1	80	40	127	82	52.76	cps
Neodymium	150-2	17	20	17	18	10.81	cps
Nickel	60-2	1493	1403	1577	1491	5.81	cps
Phosphorus	31-2	292	325	283	300	7.35	cps
Potassium	39-2	106992	103963	106178	105711	1.48	cps
Rhodium	103-1	3674367	3648572	3620343	3647761	0.74	cps
Rhodium	103-2	1633616	1633658	1627643	1631639	0.21	cps
Scandium	45-1	3161655	3111702	3105469	3126275	0.99	cps
Scandium	45-2	138005	136175	134379	136187	1.33	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	13	15	7	12	32.84	cps
Selenium	82-1	-57	-34	-88	-60	-45.31	cps
Silicon	28-1	44638111	44825589	44753142	44738947	0.21	cps
Silver	109-1	225	200	258	228	12.85	cps
Silver	107-1	175	175	300	217	33.31	cps
Sodium	23-2	828883	830137	820737	826586	0.62	cps
Strontium	86-1	50807	50281	50732	50607	0.56	cps
Strontium	88-1	447583	444312	440164	444019	0.84	cps
Sulfur	34-1	1171491	1151774	1159717	1160994	0.85	cps
Terbium	159-1	6915064	6851840	6863320	6876741	0.49	cps
Terbium	159-2	2623746	2610915	2594310	2609657	0.57	cps
Thallium	203-1	58	133	117	103	38.31	cps
Thallium	205-1	308	242	292	281	12.37	cps
Tin	118-1	367	250	475	364	30.92	cps
Titanium	47-1	550	408	308	422	28.76	cps
Uranium	238-1	16453	15835	15393	15894	3.35	cps
Vanadium	51-2	940	1030	1073	1014	6.71	cps
Yttrium	89-1	4261181	4206873	4211822	4226625	0.71	cps
Yttrium	89-2	529424	525310	527964	527566	0.40	cps
Zinc	66-2	753	723	710	729	3.05	cps
Zirconium	90-1	500	400	308	403	23.80	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-03	Instrumnet Name :	P7
Client Sample ID :	MGA593	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:26:40	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	117	125	122	3.94	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-04	Instrumnet Name :	P7
Client Sample ID :	MGA594	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:30:12	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	208	225	231	11.04	cps
Antimony	121-1	808	967	842	872	9.57	cps
Arsenic	75-2	24	28	33	28	16.41	cps
Barium	135-1	23237	24147	23713	23699	1.92	cps
Barium	137-1	41505	40627	40067	40733	1.78	cps
Beryllium	9-1	156	128	100	128	21.74	cps
Bismuth	209-1	5000395	4983601	4912893	4965629	0.94	cps
Bismuth	209-2	2078702	2047916	2109159	2078592	1.47	cps
Boron	10-1	1233	1250	1342	1275	4.58	cps
Boron	11-1	5735	6277	5860	5957	4.76	cps
Cadmium	111-1	1454	1404	1503	1454	3.38	cps
Cadmium	106-1	2042	2009	2117	2056	2.70	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	811873	807041	796861	805258	0.95	cps
Calcium	44-1	13027677	12863468	12787273	12892806	0.95	cps
Chromium	52-2	400	367	370	379	4.84	cps
Cobalt	59-2	4531	4414	4521	4489	1.44	cps
Copper	63-2	3274	3244	3354	3290	1.73	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	20	10	13	14	35.26	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	7	33	20	20	66.65	cps
Gadolinium	160-1	67	42	50	53	24.12	cps
Gadolinium	160-2	30	30	47	36	27.07	cps
Holmium	165-1	6877273	6795682	6781899	6818284	0.76	cps
Holmium	165-2	2615508	2575841	2653234	2614861	1.48	cps
Indium	115-1	4415249	4362529	4320647	4366142	1.09	cps
Indium	115-2	683545	673781	689886	682404	1.19	cps
Iron	56-2	7163	7052	7063	7093	0.86	cps
Iron	57-2	1495	1372	1272	1380	8.07	cps
Lead	206-1	1706	1539	1445	1563	8.46	cps
Lead	207-1	1172	1411	1189	1258	10.61	cps
Lead	208-1	6384	6245	5628	6086	6.61	cps
Lithium	6-1	3592952	3580644	3548538	3574045	0.64	cps
Magnesium	24-2	5901615	5831448	6003980	5912347	1.47	cps
Manganese	55-2	3264	3110	3527	3300	6.39	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-04	Instrumnet Name :	P7
Client Sample ID :	MGA594	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:30:12	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	667	567	358	531	29.65	cps
Molybdenum	95-1	700	892	583	725	21.47	cps
Molybdenum	96-1	742	875	758	792	9.18	cps
Molybdenum	97-1	558	625	558	581	6.63	cps
Molybdenum	98-1	1483	1192	1317	1331	11.00	cps
Neodymium	150-1	33	47	13	31	53.94	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	1187	1307	1250	1248	4.81	cps
Phosphorus	31-2	292	350	300	314	10.05	cps
Potassium	39-2	99558	98970	100607	99712	0.83	cps
Rhodium	103-1	3670810	3620078	3595828	3628905	1.05	cps
Rhodium	103-2	1604158	1573890	1618796	1598948	1.43	cps
Scandium	45-1	3129868	3092643	3082260	3101590	0.81	cps
Scandium	45-2	132546	130471	135583	132867	1.94	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	17	13	9	13	28.58	cps
Selenium	82-1	-37	-34	-36	-36	-4.08	cps
Silicon	28-1	45298180	44834629	44910156	45014322	0.55	cps
Silver	109-1	150	200	167	172	14.78	cps
Silver	107-1	183	225	258	222	16.91	cps
Sodium	23-2	725079	714243	739175	726166	1.72	cps
Strontium	86-1	44161	44010	43709	43960	0.52	cps
Strontium	88-1	390509	388434	383446	387463	0.94	cps
Sulfur	34-1	1154756	1150690	1141457	1148968	0.59	cps
Terbium	159-1	6879391	6845296	6760139	6828275	0.90	cps
Terbium	159-2	2561249	2515414	2593213	2556625	1.53	cps
Thallium	203-1	92	100	133	108	20.35	cps
Thallium	205-1	192	183	208	194	6.55	cps
Tin	118-1	442	450	400	431	6.22	cps
Titanium	47-1	408	475	358	414	14.14	cps
Uranium	238-1	13224	12331	12548	12701	3.67	cps
Vanadium	51-2	877	820	850	849	3.34	cps
Yttrium	89-1	4262577	4205861	4165610	4211349	1.16	cps
Yttrium	89-2	515545	508026	523068	515546	1.46	cps
Zinc	66-2	490	450	467	469	4.29	cps
Zirconium	90-1	483	333	367	394	19.97	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-04	Instrumnet Name :	P7
Client Sample ID :	MGA594	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:30:12	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	42	83	67	33.07	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-05	Instrumnet Name :	P7
Client Sample ID :	MGA595	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:33:44	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	392	317	397	21.01	cps
Antimony	121-1	883	867	942	897	4.39	cps
Arsenic	75-2	33	41	39	38	10.24	cps
Barium	135-1	38554	37635	36365	37518	2.93	cps
Barium	137-1	65346	65154	65003	65168	0.26	cps
Beryllium	9-1	122	156	117	131	16.00	cps
Bismuth	209-1	5064924	5022755	4997901	5028527	0.67	cps
Bismuth	209-2	2129191	2141556	2119092	2129946	0.53	cps
Boron	10-1	1575	1425	1617	1539	6.55	cps
Boron	11-1	6944	6835	7144	6974	2.24	cps
Cadmium	111-1	1429	1438	1318	1395	4.80	cps
Cadmium	106-1	2000	2017	1834	1950	5.20	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	793517	781635	773381	782844	1.29	cps
Calcium	44-1	12713217	12612719	12492084	12606007	0.88	cps
Chromium	52-2	233	240	187	220	13.21	cps
Cobalt	59-2	3877	3841	3837	3852	0.58	cps
Copper	63-2	4067	4261	4257	4195	2.64	cps
Dysprosium	156-1	117	58	58	78	43.30	cps
Dysprosium	156-2	33	27	57	39	40.51	cps
Erbium	164-1	133	58	108	100	38.19	cps
Erbium	164-2	67	53	60	60	11.12	cps
Gadolinium	160-1	117	92	100	103	12.39	cps
Gadolinium	160-2	70	53	70	64	14.93	cps
Holmium	165-1	6899565	6859977	6861143	6873561	0.33	cps
Holmium	165-2	2686485	2692568	2665065	2681373	0.54	cps
Indium	115-1	4404364	4384268	4345404	4378012	0.68	cps
Indium	115-2	689085	685674	692745	689168	0.51	cps
Iron	56-2	7280	7280	6724	7095	4.52	cps
Iron	57-2	1156	1433	1395	1328	11.33	cps
Lead	206-1	1978	2067	2145	2063	4.04	cps
Lead	207-1	1822	1750	1772	1782	2.08	cps
Lead	208-1	8135	8262	8112	8170	0.99	cps
Lithium	6-1	3616495	3601882	3592714	3603697	0.33	cps
Magnesium	24-2	5841564	5810448	5820043	5824018	0.27	cps
Manganese	55-2	27613	27476	27078	27389	1.01	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-05	Instrumnet Name :	P7
Client Sample ID :	MGA595	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:33:44	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1025	1167	1225	1139	9.03	cps
Molybdenum	95-1	1742	1742	1717	1734	0.83	cps
Molybdenum	96-1	1809	1984	1717	1836	7.38	cps
Molybdenum	97-1	1092	1125	1050	1089	3.45	cps
Molybdenum	98-1	2734	2825	2609	2723	4.00	cps
Neodymium	150-1	113	80	100	98	17.16	cps
Neodymium	150-2	33	17	27	26	32.81	cps
Nickel	60-2	1440	1520	1547	1502	3.70	cps
Phosphorus	31-2	267	258	275	267	3.12	cps
Potassium	39-2	138390	136775	135582	136916	1.03	cps
Rhodium	103-1	3679728	3646254	3603825	3643269	1.04	cps
Rhodium	103-2	1618504	1616627	1614964	1616698	0.11	cps
Scandium	45-1	3132037	3107721	3081722	3107160	0.81	cps
Scandium	45-2	136068	136441	136155	136221	0.14	cps
Selenium	77-2	0	10	10	7	86.60	cps
Selenium	78-2	7	13	6	9	44.56	cps
Selenium	82-1	-30	-48	-19	-32	-46.40	cps
Silicon	28-1	42654834	42783234	42480473	42639514	0.36	cps
Silver	109-1	208	142	183	178	18.94	cps
Silver	107-1	200	233	200	211	9.11	cps
Sodium	23-2	954236	945499	951842	950526	0.47	cps
Strontium	86-1	49051	48901	48382	48778	0.72	cps
Strontium	88-1	430346	426798	423595	426913	0.79	cps
Sulfur	34-1	1071328	1068782	1059165	1066425	0.60	cps
Terbium	159-1	6903267	6884993	6814231	6867497	0.68	cps
Terbium	159-2	2608677	2596830	2596311	2600606	0.27	cps
Thallium	203-1	158	117	183	153	22.04	cps
Thallium	205-1	133	275	192	200	35.60	cps
Tin	118-1	450	508	450	469	7.17	cps
Titanium	47-1	408	250	342	333	23.85	cps
Uranium	238-1	18697	19591	19423	19237	2.47	cps
Vanadium	51-2	820	927	973	907	8.67	cps
Yttrium	89-1	4250537	4213635	4163800	4209324	1.03	cps
Yttrium	89-2	521169	520747	518823	520246	0.24	cps
Zinc	66-2	367	427	380	391	8.06	cps
Zirconium	90-1	517	433	408	453	12.53	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-05	Instrumnet Name :	P7
Client Sample ID :	MGA595	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:33:44	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	117	133	117	14.28	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06	Instrumnet Name :	P7
Client Sample ID :	MGA596	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:37:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	233	117	175	33.33	cps
Antimony	121-1	858	675	967	833	17.69	cps
Arsenic	75-2	24	19	30	24	23.08	cps
Barium	135-1	17720	17895	17320	17645	1.67	cps
Barium	137-1	30376	29290	29875	29847	1.82	cps
Beryllium	9-1	78	117	167	120	37.02	cps
Bismuth	209-1	5005275	4970381	3931436	4635697	13.16	cps
Bismuth	209-2	2119551	2111799	2096586	2109312	0.55	cps
Boron	10-1	1250	1400	1192	1281	8.39	cps
Boron	11-1	5835	6218	5868	5974	3.56	cps
Cadmium	111-1	1297	1400	977	1224	18.02	cps
Cadmium	106-1	1825	1992	1400	1739	17.55	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	842522	836645	841421	840196	0.37	cps
Calcium	44-1	13547908	13460532	13576276	13528238	0.45	cps
Chromium	52-2	370	427	367	388	8.70	cps
Cobalt	59-2	4898	4858	4647	4801	2.80	cps
Copper	63-2	2497	2437	2504	2479	1.48	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	58	25	17	33	66.14	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-1	50	25	33	36	35.25	cps
Gadolinium	160-2	13	33	27	24	41.66	cps
Holmium	165-1	6813463	6807365	5351173	6324000	13.32	cps
Holmium	165-2	2674363	2656399	2621882	2650881	1.01	cps
Indium	115-1	4379568	4327801	3423136	4043502	13.30	cps
Indium	115-2	685947	680816	679090	681951	0.52	cps
Iron	56-2	6707	6874	6474	6685	3.01	cps
Iron	57-2	1461	1406	1495	1454	3.09	cps
Lead	206-1	1261	1211	1150	1208	4.61	cps
Lead	207-1	978	1000	983	987	1.17	cps
Lead	208-1	4612	4467	4556	4545	1.60	cps
Lithium	6-1	3595608	3572421	2890569	3352866	11.95	cps
Magnesium	24-2	5934927	5868828	5869836	5891197	0.64	cps
Manganese	55-2	893	827	973	898	8.18	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06	Instrumnet Name :	P7
Client Sample ID :	MGA596	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:37:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	258	167	231	24.07	cps
Molybdenum	95-1	142	208	192	181	19.22	cps
Molybdenum	96-1	258	283	183	242	21.54	cps
Molybdenum	97-1	117	167	192	158	24.12	cps
Molybdenum	98-1	258	367	275	300	19.44	cps
Neodymium	150-1	27	0	13	13	100.01	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1113	1047	1137	1099	4.25	cps
Phosphorus	31-2	208	300	325	278	22.11	cps
Potassium	39-2	94124	93955	92279	93452	1.09	cps
Rhodium	103-1	3622003	3605752	2824829	3350861	13.60	cps
Rhodium	103-2	1605697	1594502	1588401	1596200	0.55	cps
Scandium	45-1	3096628	3075791	2476337	2882919	12.22	cps
Scandium	45-2	133484	131890	133865	133080	0.79	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	7	17	9	11	44.09	cps
Selenium	82-1	-46	-36	-28	-37	-24.54	cps
Silicon	28-1	45893930	46195140	45775292	45954787	0.47	cps
Silver	109-1	175	233	167	192	18.95	cps
Silver	107-1	225	233	225	228	2.11	cps
Sodium	23-2	675590	671914	666937	671480	0.65	cps
Strontium	86-1	41988	42907	42723	42539	1.14	cps
Strontium	88-1	375256	366117	375888	372421	1.47	cps
Sulfur	34-1	1111646	1116425	1121434	1116502	0.44	cps
Terbium	159-1	6845352	6812439	5356247	6338013	13.42	cps
Terbium	159-2	2591861	2577469	2559671	2576334	0.63	cps
Thallium	203-1	33	50	67	50	33.34	cps
Thallium	205-1	33	133	150	106	59.78	cps
Tin	118-1	367	483	433	428	13.68	cps
Titanium	47-1	608	575	392	525	22.22	cps
Uranium	238-1	8803	8845	9379	9009	3.56	cps
Vanadium	51-2	950	870	957	926	5.21	cps
Yttrium	89-1	4199553	4170315	3267769	3879213	13.66	cps
Yttrium	89-2	517627	515243	515554	516141	0.25	cps
Zinc	66-2	453	447	407	436	5.79	cps
Zirconium	90-1	242	358	200	267	30.78	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06	Instrumnet Name :	P7
Client Sample ID :	MGA596	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:37:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	83	58	78	22.30	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-07	Instrumnet Name :	P7
Client Sample ID :	MGA596D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:40:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	133	117	139	18.33	cps
Antimony	121-1	775	825	892	831	7.05	cps
Arsenic	75-2	19	22	26	22	16.67	cps
Barium	135-1	16685	16435	17695	16939	3.94	cps
Barium	137-1	28514	29866	28948	29109	2.37	cps
Beryllium	9-1	144	139	139	141	2.28	cps
Bismuth	209-1	4984503	4950547	4897210	4944087	0.89	cps
Bismuth	209-2	2099894	2089064	2101858	2096939	0.33	cps
Boron	10-1	1325	1433	1258	1339	6.60	cps
Boron	11-1	5718	6252	5843	5938	4.70	cps
Cadmium	111-1	1469	1198	1345	1338	10.14	cps
Cadmium	106-1	2092	1700	1900	1897	10.32	cps
Cadmium	108-1	17	0	8	8	100.02	cps
Calcium	43-1	839454	828637	821620	829904	1.08	cps
Calcium	44-1	13449637	13379947	13218734	13349439	0.89	cps
Chromium	52-2	397	357	307	353	12.76	cps
Cobalt	59-2	4791	4811	4821	4808	0.32	cps
Copper	63-2	2450	2507	2484	2480	1.15	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	27	3	3	11	121.29	cps
Erbium	164-1	0	58	50	36	87.37	cps
Erbium	164-2	20	13	17	17	20.01	cps
Gadolinium	160-1	0	50	83	44	94.38	cps
Gadolinium	160-2	27	30	33	30	11.10	cps
Holmium	165-1	6731894	6784238	6718130	6744754	0.52	cps
Holmium	165-2	2637116	2632629	2627630	2632458	0.18	cps
Indium	115-1	4322890	4275436	4240409	4279578	0.97	cps
Indium	115-2	675637	673679	672945	674087	0.21	cps
Iron	56-2	6752	6396	6824	6657	3.44	cps
Iron	57-2	1578	1311	1350	1413	10.20	cps
Lead	206-1	1445	1345	1317	1369	4.91	cps
Lead	207-1	1072	1233	1111	1139	7.38	cps
Lead	208-1	5156	5395	5056	5202	3.35	cps
Lithium	6-1	3553055	3528537	3511063	3530885	0.60	cps
Magnesium	24-2	5882532	5852904	5816939	5850792	0.56	cps
Manganese	55-2	990	867	1000	952	7.80	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-07	Instrumnet Name :	P7
Client Sample ID :	MGA596D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:40:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	100	233	183	39.63	cps
Molybdenum	95-1	117	142	142	133	10.83	cps
Molybdenum	96-1	208	258	325	264	22.18	cps
Molybdenum	97-1	150	108	92	117	25.76	cps
Molybdenum	98-1	292	358	258	303	16.82	cps
Neodymium	150-1	47	40	0	29	87.37	cps
Neodymium	150-2	7	0	13	7	99.98	cps
Nickel	60-2	1120	1060	910	1030	10.50	cps
Phosphorus	31-2	283	250	258	264	6.57	cps
Potassium	39-2	93637	92765	92546	92983	0.62	cps
Rhodium	103-1	3582458	3549895	3527584	3553313	0.78	cps
Rhodium	103-2	1582320	1585111	1583868	1583766	0.09	cps
Scandium	45-1	3092560	3049384	3008204	3050049	1.38	cps
Scandium	45-2	133094	131440	132186	132240	0.63	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	17	20	13	17	22.23	cps
Selenium	82-1	-22	-21	-81	-41	-84.19	cps
Silicon	28-1	45655073	45960420	45847372	45820955	0.34	cps
Silver	109-1	233	225	233	231	2.09	cps
Silver	107-1	233	283	242	253	10.60	cps
Sodium	23-2	672899	668343	672684	671309	0.38	cps
Strontium	86-1	41486	41669	41395	41517	0.34	cps
Strontium	88-1	376686	367215	366528	370143	1.53	cps
Sulfur	34-1	1121932	1108793	1104586	1111770	0.81	cps
Terbium	159-1	6774268	6712692	6702743	6729901	0.58	cps
Terbium	159-2	2553815	2562490	2551986	2556097	0.22	cps
Thallium	203-1	58	33	50	47	26.97	cps
Thallium	205-1	175	117	92	128	33.47	cps
Tin	118-1	442	433	467	447	3.88	cps
Titanium	47-1	425	525	525	492	11.74	cps
Uranium	238-1	9129	8803	8695	8876	2.54	cps
Vanadium	51-2	937	823	870	877	6.50	cps
Yttrium	89-1	4155161	4104126	4083205	4114164	0.90	cps
Yttrium	89-2	512049	507435	508605	509363	0.47	cps
Zinc	66-2	843	690	740	758	10.32	cps
Zirconium	90-1	275	267	400	314	23.80	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-07	Instrumnet Name :	P7
Client Sample ID :	MGA596D	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:40:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	58	92	81	23.89	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA596L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:44:19	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	67	50	33.34	cps
Antimony	121-1	133	108	183	142	26.96	cps
Arsenic	75-2	7	0	7	5	86.60	cps
Barium	135-1	3075	3334	3109	3173	4.43	cps
Barium	137-1	5243	5535	5160	5312	3.71	cps
Beryllium	9-1	94	111	56	87	32.75	cps
Bismuth	209-1	4651013	4589463	4472481	4570986	1.98	cps
Bismuth	209-2	1801536	1785660	1914282	1833826	3.82	cps
Boron	10-1	375	383	417	392	5.63	cps
Boron	11-1	1809	1792	1575	1725	7.55	cps
Cadmium	111-1	1311	1263	1251	1275	2.48	cps
Cadmium	106-1	1875	1800	1792	1822	2.52	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	153220	151771	147647	150879	1.92	cps
Calcium	44-1	2622939	2631732	2588707	2614459	0.87	cps
Chromium	52-2	123	180	150	151	18.76	cps
Cobalt	59-2	843	990	823	886	10.28	cps
Copper	63-2	1720	1447	1630	1599	8.71	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	33	17	42	31	41.66	cps
Gadolinium	160-2	13	0	13	9	86.60	cps
Holmium	165-1	6248107	6076532	5953166	6092602	2.43	cps
Holmium	165-2	2215010	2217734	2376724	2269823	4.08	cps
Indium	115-1	4008376	3963286	3877185	3949616	1.69	cps
Indium	115-2	577971	578842	616623	591145	3.73	cps
Iron	56-2	4973	4812	5329	5038	5.25	cps
Iron	57-2	383	306	394	361	13.41	cps
Lead	206-1	406	306	328	346	15.16	cps
Lead	207-1	350	350	339	346	1.85	cps
Lead	208-1	1656	1489	1489	1545	6.23	cps
Lithium	6-1	3165133	3149261	3094227	3136207	1.19	cps
Magnesium	24-2	963982	960642	1057462	994029	5.53	cps
Manganese	55-2	217	223	213	218	2.34	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA596L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:44:19	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	100	108	103	4.68	cps
Molybdenum	95-1	67	42	58	56	22.91	cps
Molybdenum	96-1	100	117	125	114	11.18	cps
Molybdenum	97-1	25	50	67	47	44.41	cps
Molybdenum	98-1	108	158	92	119	29.05	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	843	723	890	819	10.50	cps
Phosphorus	31-2	333	375	275	328	15.32	cps
Potassium	39-2	32620	32570	33464	32885	1.53	cps
Rhodium	103-1	3387578	3347082	3269385	3334682	1.80	cps
Rhodium	103-2	1380153	1370930	1470271	1407118	3.90	cps
Scandium	45-1	2856071	2840865	2762016	2819650	1.79	cps
Scandium	45-2	115862	114205	120424	116831	2.76	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	11	9	9	32.69	cps
Selenium	82-1	-78	-42	-31	-51	-48.16	cps
Silicon	28-1	34874542	35131555	35015700	35007266	0.37	cps
Silver	109-1	117	67	83	89	28.64	cps
Silver	107-1	158	117	150	142	15.56	cps
Sodium	23-2	138139	137348	147669	141052	4.07	cps
Strontium	86-1	8169	7677	7194	7680	6.35	cps
Strontium	88-1	66807	67124	65910	66614	0.95	cps
Sulfur	34-1	609151	611106	604244	608167	0.58	cps
Terbium	159-1	6252382	6064799	5961754	6092978	2.42	cps
Terbium	159-2	2162873	2150236	2309915	2207675	4.02	cps
Thallium	203-1	25	33	42	33	25.01	cps
Thallium	205-1	42	92	58	64	39.85	cps
Tin	118-1	283	383	492	386	26.99	cps
Titanium	47-1	233	142	200	192	24.21	cps
Uranium	238-1	1650	1617	1517	1595	4.35	cps
Vanadium	51-2	323	287	357	322	10.87	cps
Yttrium	89-1	3858618	3811989	3713575	3794727	1.95	cps
Yttrium	89-2	439198	436374	466448	447340	3.71	cps
Zinc	66-2	177	190	183	183	3.64	cps
Zirconium	90-1	275	225	258	253	10.07	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-06LX5	Instrumnet Name :	P7
Client Sample ID :	MGA596L	Dilution Factor :	5
Date & Time Acquired ::	2017-12-27 16:44:19	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	75	58	61	20.83	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-08	Instrumnet Name :	P7
Client Sample ID :	MGA596S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:47:52	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116115	112799	111572	113495	2.07	cps
Antimony	121-1	382684	378030	369286	376667	1.81	cps
Arsenic	75-2	4010	3758	3925	3897	3.29	cps
Barium	135-1	1797408	1762317	1733630	1764452	1.81	cps
Barium	137-1	3104907	3040709	3050095	3065237	1.13	cps
Beryllium	9-1	91050	89418	89117	89862	1.16	cps
Bismuth	209-1	5000058	4934832	4894622	4943171	1.08	cps
Bismuth	209-2	2099855	2093393	2082240	2091829	0.43	cps
Boron	10-1	1242	1217	1200	1220	1.72	cps
Boron	11-1	5585	5668	5760	5671	1.54	cps
Cadmium	111-1	43780	42914	41880	42858	2.22	cps
Cadmium	106-1	5751	5585	5626	5654	1.54	cps
Cadmium	108-1	2838	2584	2646	2689	4.93	cps
Calcium	43-1	818300	810998	796955	808751	1.34	cps
Calcium	44-1	13237441	13055793	12983336	13092190	1.00	cps
Chromium	52-2	218141	218087	218032	218087	0.02	cps
Cobalt	59-2	835953	831613	827096	831554	0.53	cps
Copper	63-2	290916	287764	289048	289243	0.55	cps
Dysprosium	156-1	50	83	58	64	27.15	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	10	23	17	17	39.99	cps
Gadolinium	160-1	67	25	25	39	61.86	cps
Gadolinium	160-2	20	40	23	28	38.58	cps
Holmium	165-1	6737295	6696036	6668477	6700603	0.52	cps
Holmium	165-2	2618866	2594403	2577256	2596842	0.81	cps
Indium	115-1	4250316	4201895	4195663	4215958	0.71	cps
Indium	115-2	666689	665328	665855	665957	0.10	cps
Iron	56-2	894858	896003	890480	893780	0.33	cps
Iron	57-2	22829	23581	23291	23234	1.63	cps
Lead	206-1	81158	79559	77727	79481	2.16	cps
Lead	207-1	75552	75329	74022	74968	1.10	cps
Lead	208-1	337613	333246	329174	333344	1.27	cps
Lithium	6-1	3545333	3528538	3505944	3526605	0.56	cps
Magnesium	24-2	5759951	5736309	5735707	5743989	0.24	cps
Manganese	55-2	304321	304769	304288	304460	0.09	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-08	Instrumnet Name :	P7
Client Sample ID :	MGA596S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:47:52	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	325	300	303	6.93	cps
Molybdenum	95-1	208	125	200	178	25.81	cps
Molybdenum	96-1	192	217	342	250	32.14	cps
Molybdenum	97-1	142	125	92	119	21.31	cps
Molybdenum	98-1	275	292	400	322	21.06	cps
Neodymium	150-1	173	200	207	193	9.12	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	214830	210801	212371	212667	0.95	cps
Phosphorus	31-2	325	333	258	306	13.45	cps
Potassium	39-2	90400	91079	91213	90898	0.48	cps
Rhodium	103-1	3520855	3459288	3472216	3484120	0.93	cps
Rhodium	103-2	1559174	1562787	1550134	1557365	0.42	cps
Scandium	45-1	3024865	2998592	2992775	3005411	0.57	cps
Scandium	45-2	131548	131073	130401	131007	0.44	cps
Selenium	77-2	213	183	223	207	10.07	cps
Selenium	78-2	659	694	706	686	3.52	cps
Selenium	82-1	5094	5267	5225	5195	1.74	cps
Silicon	28-1	45152496	44729660	44893440	44925199	0.47	cps
Silver	109-1	182951	179313	176851	179705	1.71	cps
Silver	107-1	188370	188283	188386	188346	0.03	cps
Sodium	23-2	658396	655014	657611	657007	0.27	cps
Strontium	86-1	41594	41277	39848	40906	2.27	cps
Strontium	88-1	366672	362032	361238	363314	0.81	cps
Sulfur	34-1	1096296	1088749	1076968	1087337	0.90	cps
Terbium	159-1	6719349	6651383	6636732	6669155	0.66	cps
Terbium	159-2	2532580	2521498	2521704	2525261	0.25	cps
Thallium	203-1	242893	237514	237435	239280	1.31	cps
Thallium	205-1	594444	586679	573807	584977	1.78	cps
Tin	118-1	450	500	408	453	10.14	cps
Titanium	47-1	483	458	483	475	3.04	cps
Uranium	238-1	8770	8495	8395	8553	2.27	cps
Vanadium	51-2	460037	459081	457595	458904	0.27	cps
Yttrium	89-1	4078213	4017264	4029859	4041779	0.80	cps
Yttrium	89-2	509519	499279	502062	503620	1.05	cps
Zinc	66-2	81643	81841	81486	81657	0.22	cps
Zirconium	90-1	317	417	383	372	13.68	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	I7067-08	Instrumnet Name :	P7
Client Sample ID :	MGA596S	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:47:52	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	175	117	139	22.72	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:51:24	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2385602	2382671	2537307	2435194	3.63	cps
Antimony	121-1	1523524	1533846	1533394	1530255	0.38	cps
Arsenic	75-2	37728	37910	39888	38509	3.11	cps
Barium	135-1	1841984	1833655	1825449	1833696	0.45	cps
Barium	137-1	3187122	3186167	3188050	3187113	0.03	cps
Beryllium	9-1	723542	724477	727723	725248	0.30	cps
Bismuth	209-1	4284596	4159368	4141752	4195239	1.86	cps
Bismuth	209-2	1711481	1632290	1883316	1742362	7.37	cps
Boron	10-1	86178	86857	89380	87472	1.93	cps
Boron	11-1	384534	393286	399126	392315	1.87	cps
Cadmium	111-1	338448	335919	338857	337741	0.47	cps
Cadmium	106-1	41980	41829	40885	41565	1.43	cps
Cadmium	108-1	27456	26851	27423	27243	1.25	cps
Calcium	43-1	2547932	2542511	2549308	2546584	0.14	cps
Calcium	44-1	40147683	40048833	40336959	40177825	0.36	cps
Chromium	52-2	439567	438386	469050	449001	3.87	cps
Cobalt	59-2	640267	636596	686282	654382	4.23	cps
Copper	63-2	865148	873130	927934	888737	3.85	cps
Dysprosium	156-1	75	67	33	58	37.79	cps
Dysprosium	156-2	23	23	23	23	0.00	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	50	58	25	44	39.04	cps
Gadolinium	160-2	37	20	27	28	30.20	cps
Holmium	165-1	6051547	5849883	5832500	5911310	2.06	cps
Holmium	165-2	2244416	2161708	2456718	2287614	6.65	cps
Indium	115-1	3720221	3624775	3596634	3647210	1.78	cps
Indium	115-2	552832	534082	612490	566468	7.23	cps
Iron	56-2	90146044	90106863	97121386	92458097	4.37	cps
Iron	57-2	2135914	2148358	2306543	2196938	4.33	cps
Lead	206-1	1638138	1636862	1630594	1635198	0.25	cps
Lead	207-1	1525195	1517233	1519343	1520590	0.27	cps
Lead	208-1	6858619	6839891	6843889	6847467	0.14	cps
Lithium	6-1	2903394	2853422	2840398	2865738	1.16	cps
Magnesium	24-2	30793508	30866117	32946238	31535288	3.88	cps
Manganese	55-2	481423	477920	519725	493023	4.70	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:51:24	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2745301	2740403	2726826	2737510	0.35	cps
Molybdenum	95-1	3323089	3323989	3332180	3326419	0.15	cps
Molybdenum	96-1	3676149	3674018	3697441	3682536	0.35	cps
Molybdenum	97-1	2079574	2069670	2070527	2073257	0.26	cps
Molybdenum	98-1	5468495	5456647	5496381	5473841	0.37	cps
Neodymium	150-1	160	180	180	173	6.66	cps
Neodymium	150-2	0	17	20	12	87.67	cps
Nickel	60-2	163297	161349	172265	165637	3.51	cps
Phosphorus	31-2	20515	19831	21750	20698	4.70	cps
Potassium	39-2	9506642	9435598	10123916	9688719	3.91	cps
Rhodium	103-1	3048455	2964630	2956951	2990012	1.70	cps
Rhodium	103-2	1281896	1238201	1408272	1309457	6.74	cps
Scandium	45-1	2783739	2674444	2661881	2706688	2.48	cps
Scandium	45-2	112933	107917	125937	115595	8.05	cps
Selenium	77-2	753	747	813	771	4.76	cps
Selenium	78-2	2472	2413	2645	2510	4.79	cps
Selenium	82-1	19875	19647	19472	19665	1.03	cps
Silicon	28-1	32495650	32534530	32723125	32584435	0.37	cps
Silver	109-1	1530246	1518274	1525441	1524654	0.40	cps
Silver	107-1	1592728	1578099	1575630	1582152	0.58	cps
Sodium	23-2	58717147	58673962	62759460	60050190	3.91	cps
Strontium	86-1	448672	450741	450084	449832	0.24	cps
Strontium	88-1	4009238	3977828	4004992	3997353	0.43	cps
Sulfur	34-1	628548	629836	627956	628780	0.15	cps
Terbium	159-1	6022078	5843379	5818280	5894579	1.89	cps
Terbium	159-2	2171977	2102630	2386522	2220377	6.67	cps
Thallium	203-1	1968906	1949548	1973668	1964041	0.65	cps
Thallium	205-1	4869864	4851115	4876228	4865736	0.27	cps
Tin	118-1	1210499	1214028	1215205	1213244	0.20	cps
Titanium	47-1	1131352	1118202	1125854	1125136	0.59	cps
Uranium	238-1	8169923	8189523	8210412	8189953	0.25	cps
Vanadium	51-2	367372	368788	393520	376560	3.91	cps
Yttrium	89-1	3713175	3613726	3585714	3637538	1.84	cps
Yttrium	89-2	434538	420931	485069	446846	7.56	cps
Zinc	66-2	121994	119490	129071	123518	4.02	cps
Zirconium	90-1	2275032	2264992	2272984	2271003	0.23	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 16:51:24	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	505064	498852	502943	502286	0.63	cps

LB Number : LB92426 Operator : Jaswal
 Lab Sample ID : CCB056 Instrumnet Name : P7
 Client Sample ID : CCB056 Dilution Factor : 1
 Date & Time Acquired :: 2017-12-27 17:02:28 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	83	42	56	43.30	cps
Antimony	121-1	833	933	900	889	5.73	cps
Arsenic	75-2	0	2	6	2	114.63	cps
Barium	135-1	133	75	83	97	32.45	cps
Barium	137-1	142	100	83	108	27.73	cps
Beryllium	9-1	378	278	267	307	19.91	cps
Bismuth	209-1	4908176	4697939	4658665	4754927	2.82	cps
Bismuth	209-2	2105840	2071879	2113957	2097226	1.06	cps
Boron	10-1	675	717	542	644	14.18	cps
Boron	11-1	3017	2950	2959	2975	1.22	cps
Cadmium	111-1	1276	1457	1369	1367	6.63	cps
Cadmium	106-1	1809	2084	1950	1947	7.06	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	117	58	108	94	33.40	cps
Calcium	44-1	179542	177462	178601	178535	0.58	cps
Chromium	52-2	127	120	113	120	5.55	cps
Cobalt	59-2	157	113	143	138	16.11	cps
Copper	63-2	1030	1003	977	1003	2.66	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	7	17	13	12	41.65	cps
Gadolinium	160-1	17	8	8	11	43.34	cps
Gadolinium	160-2	7	33	17	19	71.30	cps
Holmium	165-1	6421892	6116480	6134258	6224210	2.75	cps
Holmium	165-2	2567573	2528960	2580594	2559042	1.05	cps
Indium	115-1	4139971	4039115	3997870	4058986	1.80	cps
Indium	115-2	668736	661329	677476	669180	1.21	cps
Iron	56-2	7474	6930	6996	7133	4.17	cps
Iron	57-2	211	189	183	194	7.56	cps
Lead	206-1	467	472	439	459	3.89	cps
Lead	207-1	417	478	422	439	7.70	cps
Lead	208-1	2089	2033	1889	2004	5.15	cps
Lithium	6-1	3215206	3151225	3132683	3166371	1.37	cps
Magnesium	24-2	1717	1859	1759	1778	4.10	cps
Manganese	55-2	87	97	110	98	11.97	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 17:02:28	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	392	350	375	5.88	cps
Molybdenum	95-1	350	283	242	292	18.74	cps
Molybdenum	96-1	275	275	292	281	3.43	cps
Molybdenum	97-1	150	208	233	197	21.68	cps
Molybdenum	98-1	433	350	450	411	13.03	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	540	600	560	567	5.39	cps
Phosphorus	31-2	442	292	275	336	27.31	cps
Potassium	39-2	21291	22067	22034	21797	2.01	cps
Rhodium	103-1	3531768	3430942	3432114	3464941	1.67	cps
Rhodium	103-2	1593844	1577515	1612062	1594474	1.08	cps
Scandium	45-1	2980320	2884752	2861591	2908888	2.16	cps
Scandium	45-2	132632	130643	134211	132495	1.35	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	4	6	8	74.21	cps
Selenium	82-1	2	-21	-36	-18	-105.37	cps
Silicon	28-1	33867775	33693301	33791305	33784127	0.26	cps
Silver	109-1	58	92	42	64	39.85	cps
Silver	107-1	108	125	50	94	41.70	cps
Sodium	23-2	29663	30206	29730	29867	0.99	cps
Strontium	86-1	208	100	175	161	34.44	cps
Strontium	88-1	183	208	125	172	24.83	cps
Sulfur	34-1	472691	473071	474837	473533	0.24	cps
Terbium	159-1	6442028	6266328	6283863	6330740	1.53	cps
Terbium	159-2	2498390	2470204	2518434	2495676	0.97	cps
Thallium	203-1	167	208	225	200	15.02	cps
Thallium	205-1	692	492	500	561	20.16	cps
Tin	118-1	500	500	475	492	2.94	cps
Titanium	47-1	158	158	125	147	13.07	cps
Uranium	238-1	42	83	75	67	33.07	cps
Vanadium	51-2	17	23	17	19	20.36	cps
Yttrium	89-1	3986490	3903686	3885475	3925217	1.37	cps
Yttrium	89-2	505543	500935	513864	506781	1.29	cps
Zinc	66-2	130	110	167	136	21.20	cps
Zirconium	90-1	625	567	650	614	6.97	cps

LB Number :	LB92426	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired ::	2017-12-27 17:02:28	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	167	83	111	43.30	cps