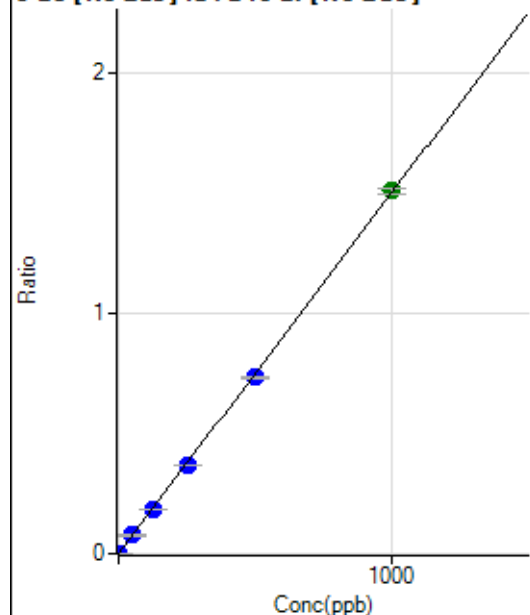


Batch Folder: D:\P8072817-MS.b\
Analysis File: P8072817-MS.batch.bin
DA Date-Time: 2017-07-31 11:06:47
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-07-28 15:11:05
2			
3	005CALS.d	S02	2017-07-28 15:18:12
4	006CALS.d	S03	2017-07-28 15:21:40
5	007CALS.d	S04	2017-07-28 15:25:12
6	008CALS.d	S05	2017-07-28 15:28:35
7	009CALS.d	S06	2017-07-28 15:31:52
8	010CALS.d	S07	2017-07-28 15:35:04
9	011CALS.d	S08	2017-07-28 15:38:11

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0001	P	14.6
2	☐	0.100					
3	☐	1.000	0.884	1457.53	0.0014	P	8.5
4	☐	50.000	50.986	81623.39	0.0765	P	1.7
5	☐	125.000	124.255	202743.53	0.1864	P	0.7
6	☐	250.000	246.068	404960.10	0.3691	P	0.7
7	☐	500.000	489.761	799818.69	0.7346	P	0.9
8	☐	1000.000	1006.146	1593700.61	1.5090	A	1.7
9	☐			550.03	0.0005	P	6.8

$$y = 0.0015 * x + 5.5879E-005$$

$$R = 0.9999$$

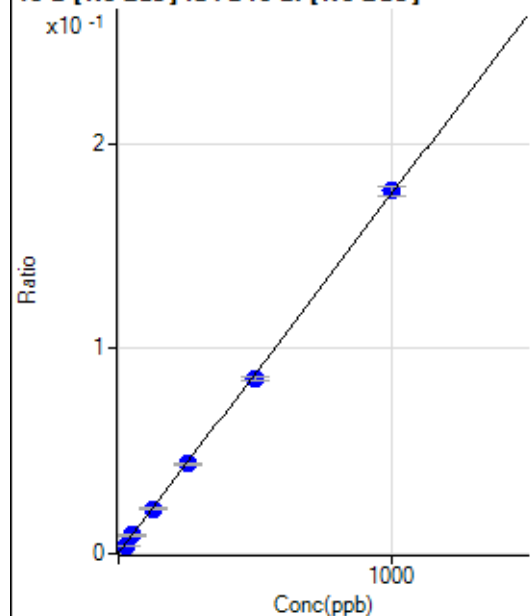
$$DL = 0.01636$$

$$BEC = 0.03726$$

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	230.57	0.0002	P	25.1
2	☐	2.500					
3	☐	25.000	22.074	4314.76	0.0041	P	6.2
4	☐	50.000	49.824	9550.86	0.0090	P	3.3
5	☐	125.000	122.356	23572.81	0.0217	P	3.7
6	☐	250.000	248.029	47958.92	0.0437	P	2.1
7	☐	500.000	484.475	92743.21	0.0852	P	1.9
8	☐	1000.000	1008.668	187030.79	0.1771	P	2.4
9	☐			6690.74	0.0065	P	7.5

$$y = 1.7537E-004 * x + 2.1766E-004$$

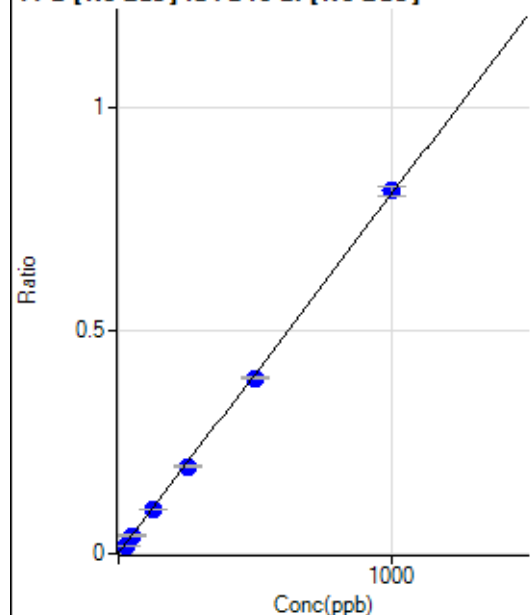
$$R = 0.9998$$

$$DL = 0.9343$$

$$BEC = 1.241$$

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	941.74	0.0009	P	2.0
2	☐	2.500					
3	☐	25.000	21.625	19302.65	0.0183	P	4.0
4	☐	50.000	49.533	43450.03	0.0407	P	4.1
5	☐	125.000	122.963	108558.37	0.0998	P	1.1
6	☐	250.000	242.250	214798.80	0.1958	P	1.9
7	☐	500.000	486.920	427511.52	0.3926	P	0.9
8	☐	1000.000	1008.840	858002.10	0.8125	P	2.5
9	☐			31560.57	0.0304	P	6.7

$$y = 8.0451\text{E-}004 * x + 8.8758\text{E-}004$$

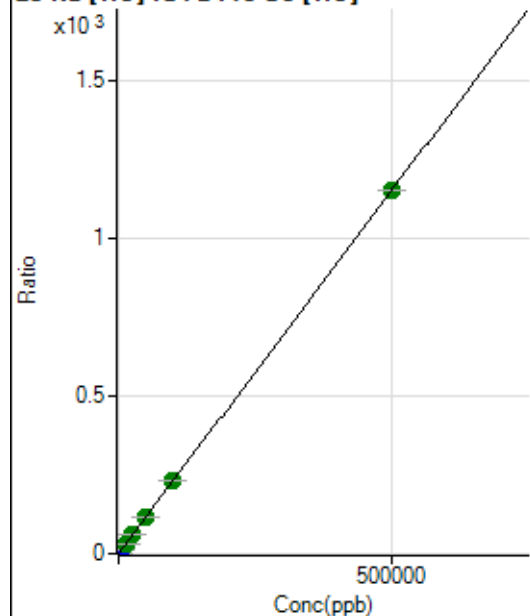
$$R = 0.9998$$

$$DL = 0.0654$$

$$BEC = 1.103$$

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	3272.72	0.0779	P	3.5
2	☐	50.000					
3	☐	500.000	471.720	49013.18	1.1648	P	0.8
4	☐	5000.000	5213.433	513495.07	12.0910	P	1.4
5	☐	12500.000	13048.328	1295031.86	30.1446	A	1.6
6	☐	25000.000	26401.329	2533870.63	60.9134	A	2.4
7	☐	50000.000	50754.516	4878969.86	117.0295	A	1.9
8	☐	100000.00	99886.100	9408169.57	230.2414	A	1.0
9	☐	500000.00	499861.44	48894321.58	1,151.888	A	0.1

$$y = 0.0023 * x + 0.0779$$

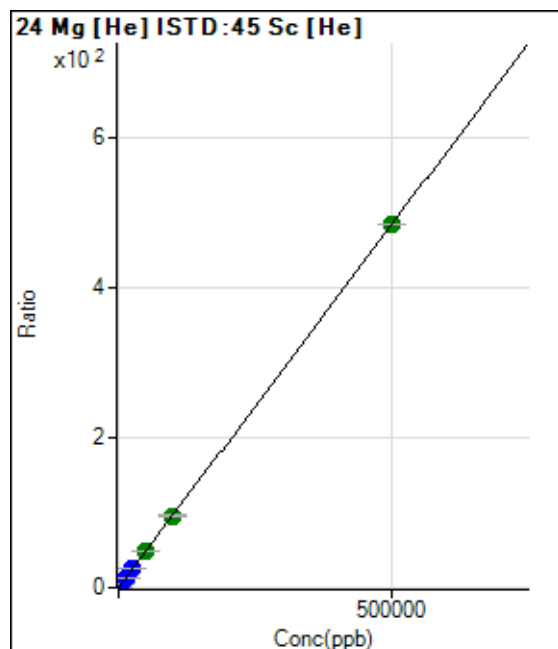
$$R = 1.0000$$

$$DL = 3.565$$

$$BEC = 33.79$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0025	P	29.3
2	☐	50.000					
3	☐	500.000	447.509	18304.10	0.4350	P	1.0
4	☐	5000.000	5138.245	211021.67	4.9684	P	0.7
5	☐	12500.000	12708.922	527776.75	12.2851	P	1.2
6	☐	25000.000	26109.450	1049661.10	25.2360	P	3.0
7	☐	50000.000	51004.838	2055240.65	49.2962	A	1.7
8	☐	100000.00	99307.466	3921940.24	95.9783	A	0.4
9	☐	500000.00	499975.99	20510676.15	483.2046	A	0.1

$$y = 9.6645\text{E-}004 * x + 0.0025$$

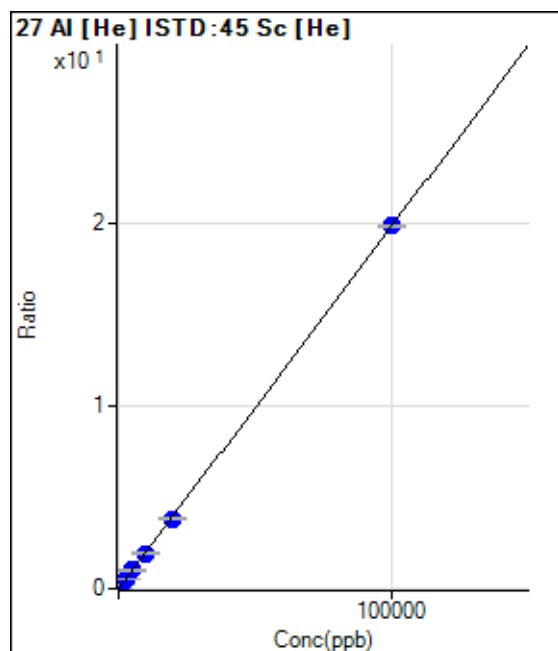
$$R = 1.0000$$

$$DL = 2.29$$

$$BEC = 2.607$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0003	P	68.3
2	☐	2.000					
3	☐	20.000	20.286	183.34	0.0044	P	11.9
4	☐	1000.000	991.147	8372.26	0.1971	P	2.5
5	☐	2500.000	2484.649	21208.31	0.4936	P	0.5
6	☐	5000.000	5085.159	42007.78	1.0099	P	2.9
7	☐	10000.000	9798.056	81126.78	1.9456	P	0.6
8	☐	20000.000	19370.843	157166.22	3.8462	P	1.5
9	☐	100000.00	100142.24	843968.10	19.8826	P	0.6

$$y = 1.9854\text{E-}004 * x + 3.2919\text{E-}004$$

$$R = 1.0000$$

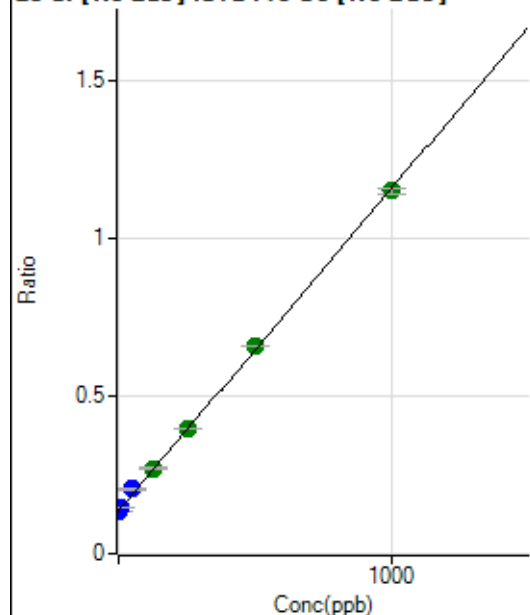
$$DL = 3.399$$

$$BEC = 1.658$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	565466.29	0.1359	P	0.9
2	☐	1.000					
3	☐	10.000	10.497	603368.94	0.1466	P	2.0
4	☐	50.000	67.568	852017.15	0.2049	P	1.2
5	☐	125.000	130.725	1141329.75	0.2694	A	2.6
6	☐	250.000	254.609	1680259.91	0.3960	A	0.4
7	☐	500.000	510.558	2781053.43	0.6574	A	0.3
8	☐	1000.000	991.970	4775113.78	1.1492	A	1.9
9	☐			589125.32	0.1398	P	2.9

$$y = 0.0010 * x + 0.1359$$

$$R = 0.9998$$

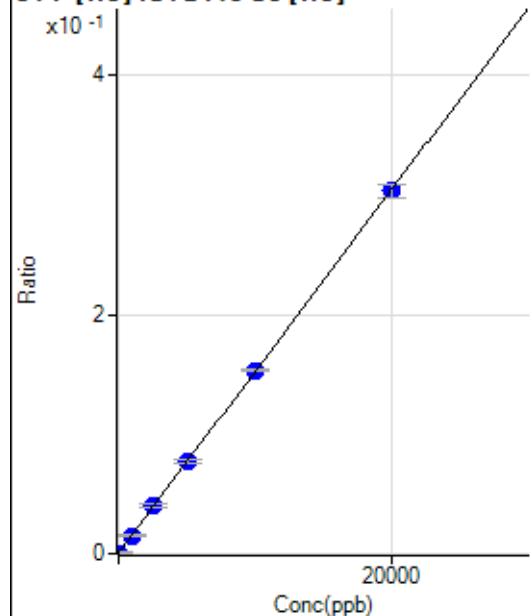
$$DL = 3.512$$

$$BEC = 133$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	2.148	25.00	0.0006	P	65.9
2	☐	0.000					
3	☐	0.000	-2.148	22.22	0.0005	P	114.
4	☐	1000.000	957.903	641.71	0.0151	P	5.8
5	☐	2500.000	2657.686	1758.51	0.0409	P	7.4
6	☐	5000.000	5074.181	3233.84	0.0777	P	4.1
7	☐	10000.000	10046.656	6387.84	0.1532	P	1.0
8	☐	20000.000	19940.521	12405.99	0.3035	P	3.7
9	☐			19.45	0.0005	P	108.

$$y = 1.5194E-005 * x + 5.5829E-004$$

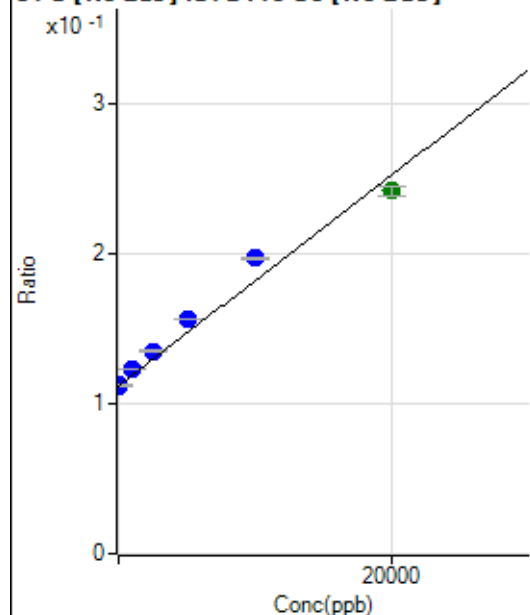
$$R = 1.0000$$

$$DL = 97.77$$

$$BEC = 36.74$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-54.158	463852.17	0.1115	P	0.3
2	☐	0.000					
3	☐	0.000	54.158	461904.85	0.1122	P	1.5
4	☐	1000.000	1607.180	511967.18	0.1231	P	0.7
5	☐	2500.000	3239.124	570041.32	0.1346	P	1.0
6	☐	5000.000	6311.669	662478.65	0.1561	P	0.4
7	☐	10000.000	12104.696	832337.39	0.1968	P	0.5
8	☐	20000.000	18496.985	1003862.71	0.2416	A	2.4
9	☐			456464.52	0.1083	P	0.1

$$y = 7.0150\text{E-}006 * x + 0.1118$$

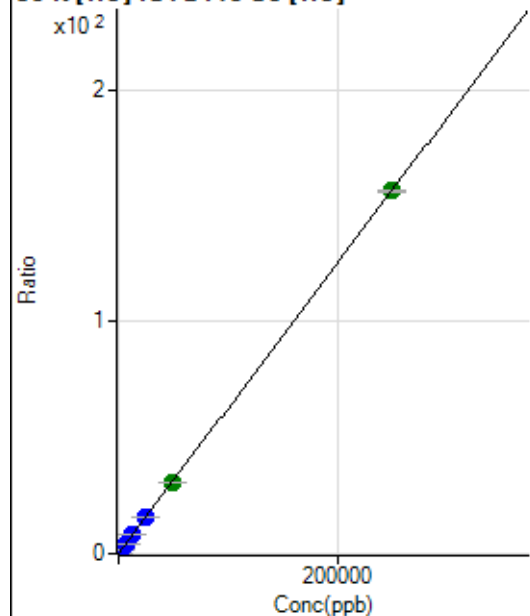
$$R = 0.9883$$

$$DL = 426$$

$$BEC = 1.594\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3878.49	0.0923	P	5.0
2	☐	50.000					
3	☐	500.000	465.353	16123.72	0.3832	P	2.0
4	☐	2500.000	2569.789	72132.30	1.6986	P	2.8
5	☐	6250.000	6428.156	176580.12	4.1104	P	1.8
6	☐	12500.000	12975.304	341243.16	8.2028	P	2.0
7	☐	25000.000	24880.095	652251.98	15.6442	P	1.4
8	☐	50000.000	49136.557	1258899.56	30.8062	A	0.9
9	☐	250000.00	250155.83	6641180.10	156.4577	A	0.4

$$y = 6.2507\text{E-}004 * x + 0.0923$$

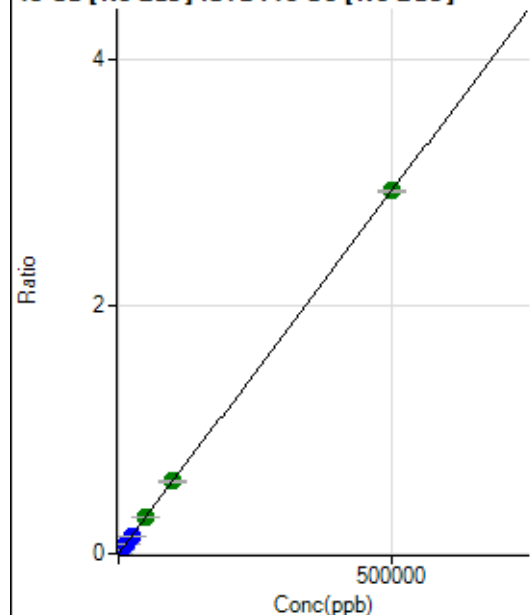
$$R = 1.0000$$

$$DL = 22.25$$

$$BEC = 147.7$$

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	4073.02	0.0010	P	4.8
2	☐	50.000					
3	☐	500.000	428.237	14360.79	0.0035	P	2.3
4	☐	5000.000	4983.067	125535.33	0.0302	P	0.9
5	☐	12500.000	12325.657	310219.88	0.0732	P	0.8
6	☐	25000.000	24440.748	612084.40	0.1443	P	0.6
7	☐	50000.000	49076.073	1221104.58	0.2887	A	0.1
8	☐	100000.00	99544.353	2428879.26	0.5845	A	1.3
9	☐	500000.00	500216.08	12365711.30	2.9333	A	0.5

$$y = 5.8621\text{E-}006 * x + 9.7885\text{E-}004$$

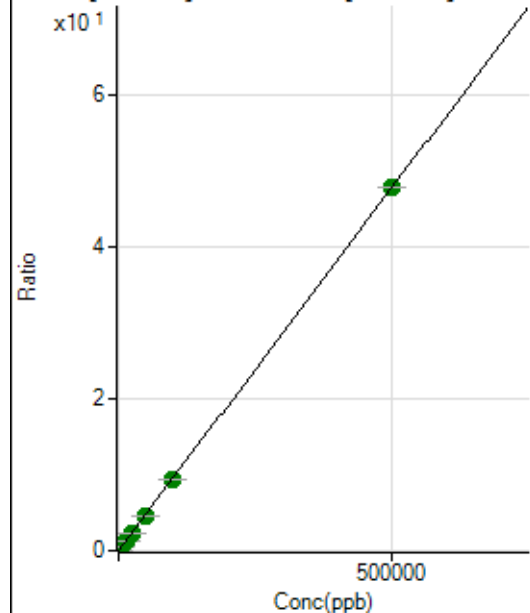
$$R = 1.0000$$

$$DL = 23.96$$

$$BEC = 167$$

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	57722.94	0.0139	P	2.3
2	☐	50.000					
3	☐	500.000	437.946	228862.53	0.0556	P	2.1
4	☐	5000.000	5076.171	2069282.60	0.4977	A	1.4
5	☐	12500.000	12319.950	5032381.19	1.1880	A	1.5
6	☐	25000.000	24396.432	9924912.03	2.3390	A	0.5
7	☐	50000.000	48844.109	19750708.60	4.6691	A	0.4
8	☐	100000.00	98143.689	38923345.66	9.3676	A	1.8
9	☐	500000.00	500520.83	201158503.1	47.7170	A	0.1

$$y = 9.5307\text{E-}005 * x + 0.0139$$

$$R = 1.0000$$

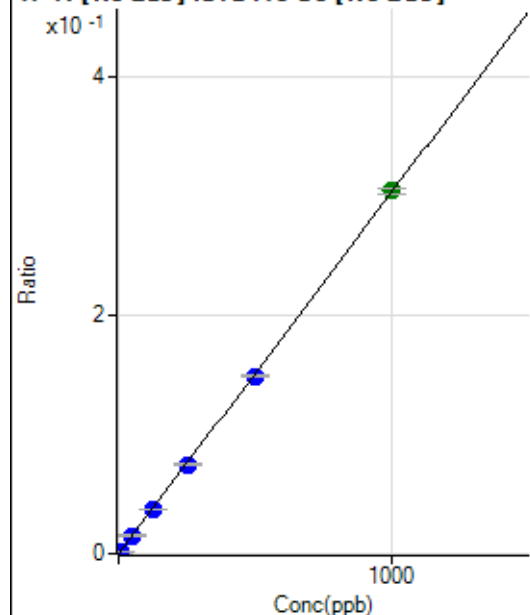
$$DL = 10.19$$

$$BEC = 145.5$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.46	0.0000	P	24.6
2	☐	0.500					
3	☐	5.000	4.466	5759.75	0.0014	P	1.2
4	☐	50.000	50.294	63519.88	0.0153	P	2.1
5	☐	125.000	123.813	159026.37	0.0375	P	0.2
6	☐	250.000	247.163	317792.56	0.0749	P	0.4
7	☐	500.000	491.800	630198.22	0.1490	P	0.5
8	☐	1000.000	1004.946	1264818.08	0.3044	A	1.5
9	☐			2371.64	0.0006	P	25.5

$$y = 3.0283\text{E-}004 * x + 4.6749\text{E-}005$$

$$R = 0.9999$$

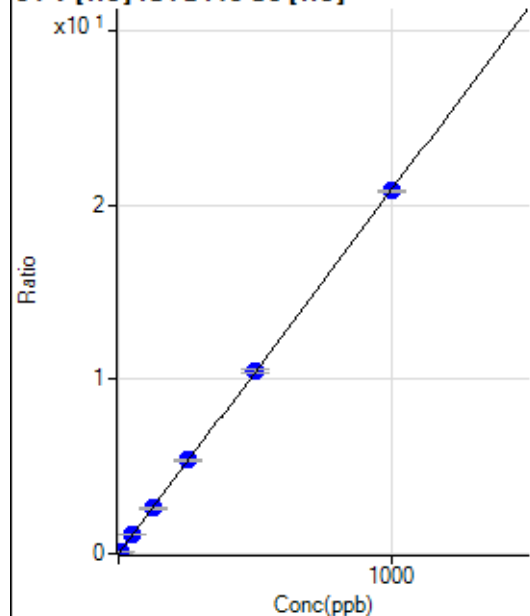
$$DL = 0.114$$

$$BEC = 0.1544$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0003	P	16.6
2	☐	0.500					
3	☐	5.000	4.592	4041.77	0.0960	P	3.8
4	☐	50.000	50.947	45127.06	1.0625	P	0.6
5	☐	125.000	125.102	112068.27	2.6086	P	1.4
6	☐	250.000	257.134	223021.45	5.3615	P	2.6
7	☐	500.000	500.855	435378.98	10.4430	P	1.7
8	☐	1000.000	997.731	850051.02	20.8028	P	0.7
9	☐			567.80	0.0134	P	8.8

$$y = 0.0208 * x + 2.9117\text{E-}004$$

$$R = 1.0000$$

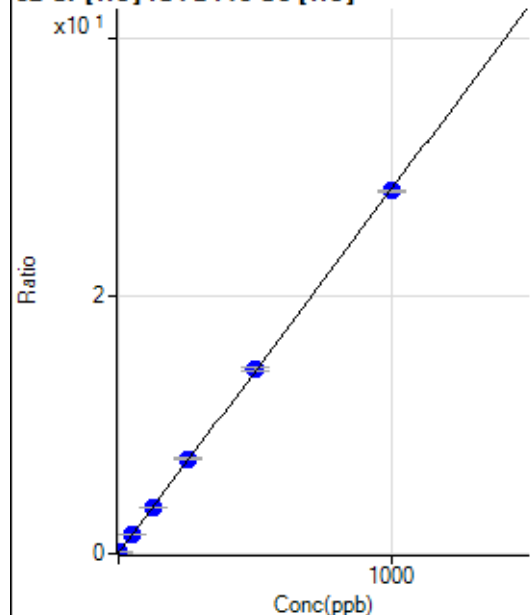
$$DL = 0.006973$$

$$BEC = 0.01397$$

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	1202.29	0.0286	P	2.6
2	☐	0.200					
3	☐	2.000	1.920	3491.61	0.0830	P	1.7
4	☐	50.000	51.125	62685.10	1.4760	P	0.9
5	☐	125.000	127.204	155937.06	3.6298	P	1.3
6	☐	250.000	260.263	307657.62	7.3966	P	2.9
7	☐	500.000	504.065	596107.76	14.2987	P	2.0
8	☐	1000.000	995.070	1152274.28	28.1990	P	0.7
9	☐			37367.74	0.8804	P	1.1

$$y = 0.0283 * x + 0.0286$$

$$R = 0.9999$$

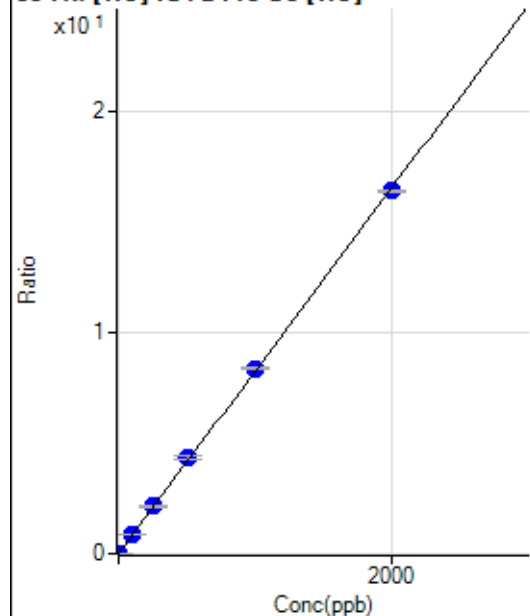
$$DL = 0.07743$$

$$BEC = 1.011$$

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	0.0012	P	37.7
2	☐	0.100					
3	☐	1.000	1.127	444.46	0.0106	P	17.4
4	☐	100.000	104.943	36932.25	0.8695	P	0.4
5	☐	250.000	258.296	91863.96	2.1383	P	1.6
6	☐	500.000	525.250	180814.01	4.3471	P	2.9
7	☐	1000.000	1012.953	349481.30	8.3822	P	1.3
8	☐	2000.000	1985.927	671461.27	16.4324	P	0.8
9	☐			4105.12	0.0967	P	1.6

$$y = 0.0083 * x + 0.0012$$

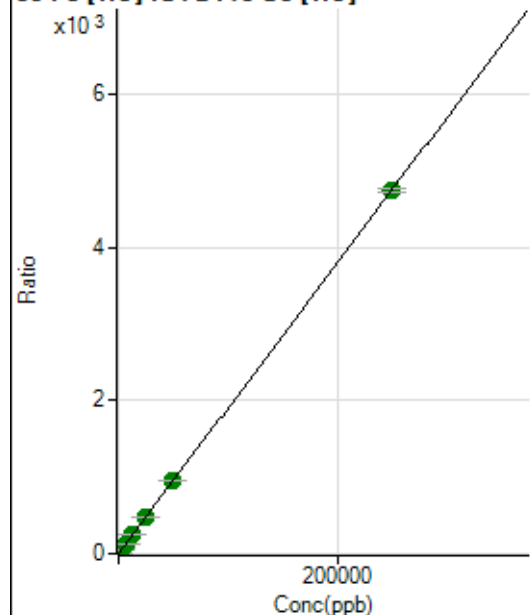
$$R = 0.9999$$

$$DL = 0.1703$$

$$BEC = 0.1505$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2639.21	0.0628	P	0.7
2	☐	5.000					
3	☐	50.000	45.966	39294.79	0.9339	P	1.5
4	☐	2500.000	2640.662	2127879.07	50.1023	A	0.9
5	☐	6250.000	6461.126	5262773.50	122.4986	A	0.7
6	☐	12500.000	13105.131	10332529.74	248.3999	A	2.6
7	☐	25000.000	25396.959	20068595.59	481.3253	A	1.0
8	☐	50000.000	50409.438	39036069.85	955.3020	A	0.6
9	☐	250000.00	249841.47	200967050.7	4,734.461	A	1.0

$$y = 0.0189 * x + 0.0628$$

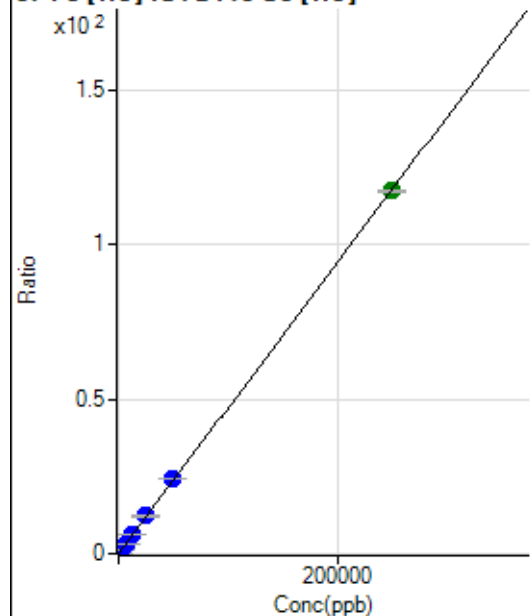
$$R = 1.0000$$

$$DL = 0.07126$$

$$BEC = 3.315$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.08	0.0018	P	28.9
2	☐	5.000					
3	☐	50.000	49.146	1046.37	0.0249	P	6.3
4	☐	2500.000	2663.583	53259.39	1.2540	P	0.9
5	☐	6250.000	6535.285	132068.21	3.0742	P	1.5
6	☐	12500.000	13438.883	262869.38	6.3198	P	2.9
7	☐	25000.000	25879.559	507306.33	12.1686	P	2.0
8	☐	50000.000	51156.083	982817.77	24.0519	P	0.6
9	☐	250000.00	249625.11	4981475.86	117.3585	A	0.4

$$y = 4.7013E-004 * x + 0.0018$$

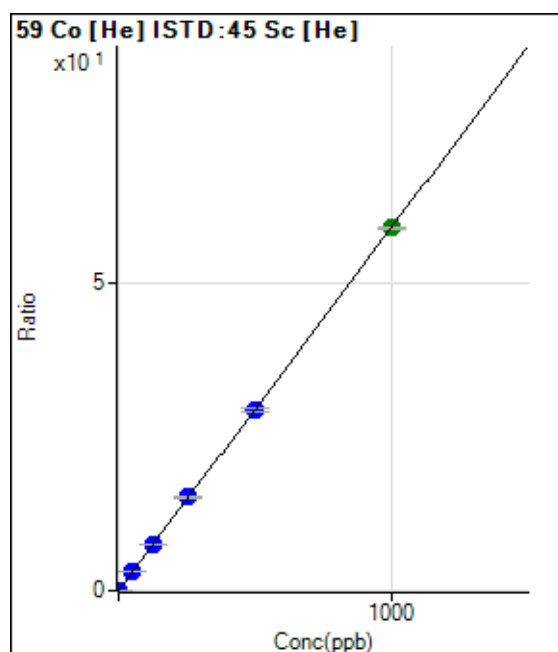
$$R = 1.0000$$

$$DL = 3.246$$

$$BEC = 3.738$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.78	0.0016	P	37.5
2	☐	0.100					
3	☐	1.000	0.879	2244.66	0.0533	P	2.4
4	☐	50.000	50.750	126873.20	2.9874	P	1.1
5	☐	125.000	125.341	316867.05	7.3757	P	1.3
6	☐	250.000	257.415	630023.01	15.1460	P	2.6
7	☐	500.000	497.751	1220924.14	29.2856	P	1.9
8	☐	1000.000	999.191	2402181.37	58.7866	A	0.8
9	☐			4247.38	0.1001	P	3.5

$$y = 0.0588 * x + 0.0016$$

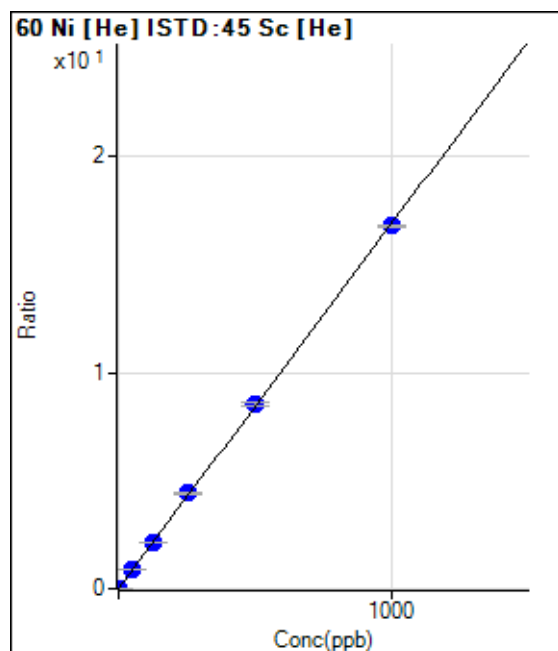
$$R = 1.0000$$

$$DL = 0.03079$$

$$BEC = 0.02739$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0024	P	13.3
2	☐	0.100					
3	☐	1.000	0.955	778.93	0.0185	P	1.6
4	☐	50.000	52.145	37503.90	0.8831	P	1.7
5	☐	125.000	128.058	93021.39	2.1653	P	1.1
6	☐	250.000	261.391	183746.83	4.4172	P	2.4
7	☐	500.000	505.498	356052.59	8.5401	P	1.6
8	☐	1000.000	993.914	686045.41	16.7893	P	0.7
9	☐			12316.73	0.2902	P	1.0

$$y = 0.0169 * x + 0.0024$$

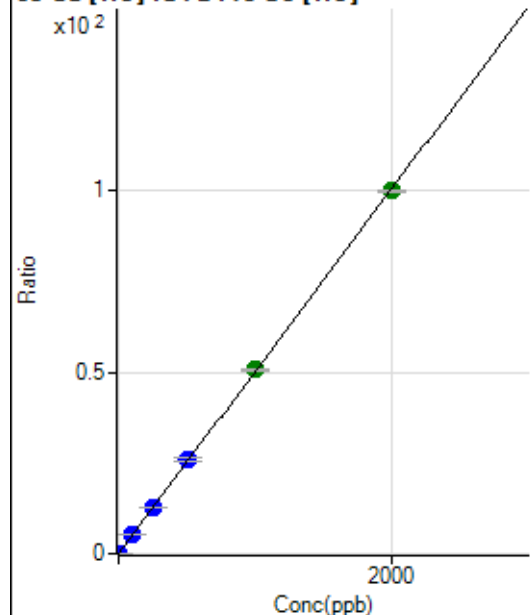
$$R = 0.9999$$

$$DL = 0.05627$$

$$BEC = 0.1409$$

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	327.79	0.0078	P	6.7
2	☐	0.200					
3	☐	2.000	2.055	4668.63	0.1110	P	2.5
4	☐	100.000	102.218	218304.57	5.1402	P	0.9
5	☐	250.000	252.745	545539.80	12.6981	P	0.7
6	☐	500.000	516.342	1078715.79	25.9334	P	2.7
7	☐	1000.000	1010.647	2116122.40	50.7524	A	1.0
8	☐	2000.000	1990.137	4083642.61	99.9327	A	0.5
9	☐			10281.72	0.2422	P	1.4

$$y = 0.0502 * x + 0.0078$$

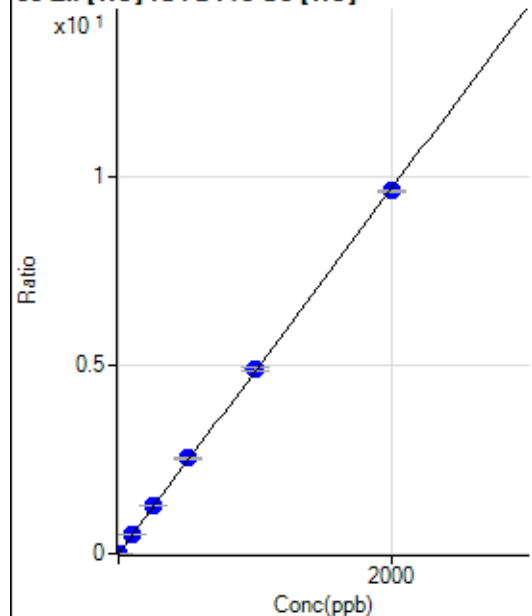
$$R = 0.9999$$

$$DL = 0.03125$$

$$BEC = 0.1554$$

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	51.11	0.0012	P	5.8
2	☐	0.200					
3	☐	2.000	1.948	448.90	0.0107	P	9.7
4	☐	100.000	103.203	21315.47	0.5019	P	0.8
5	☐	250.000	258.723	53976.93	1.2564	P	0.3
6	☐	500.000	522.590	105513.90	2.5365	P	2.3
7	☐	1000.000	1011.833	204698.58	4.9099	P	1.7
8	☐	2000.000	1987.186	393985.32	9.6417	P	0.4
9	☐			6934.07	0.1634	P	1.3

$$y = 0.0049 * x + 0.0012$$

$$R = 0.9999$$

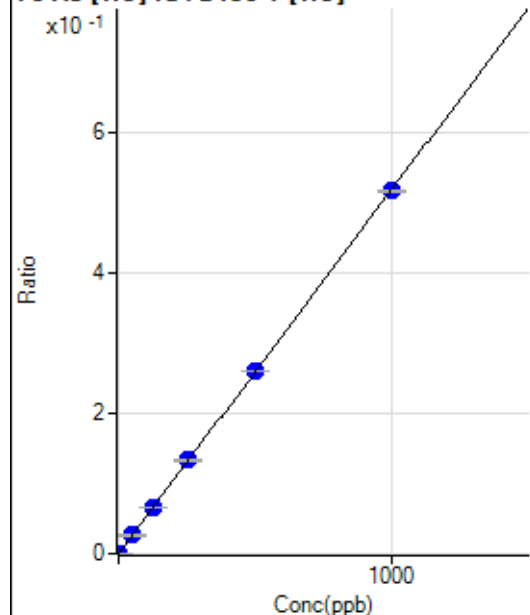
$$DL = 0.04349$$

$$BEC = 0.2506$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.18	0.0000	P	16.6
2	☐	0.100					
3	☐	1.000	0.855	135.19	0.0005	P	20.8
4	☐	50.000	50.441	7692.94	0.0262	P	3.5
5	☐	125.000	125.249	19287.61	0.0649	P	0.3
6	☐	250.000	256.328	38492.92	0.1328	P	3.4
7	☐	500.000	502.476	75530.14	0.2604	P	0.4
8	☐	1000.000	997.127	145899.15	0.5167	P	0.4
9	☐			95.68	0.0003	P	16.4

$$y = 5.1814\text{E-}004 * x + 2.1287\text{E-}005$$

$$R = 1.0000$$

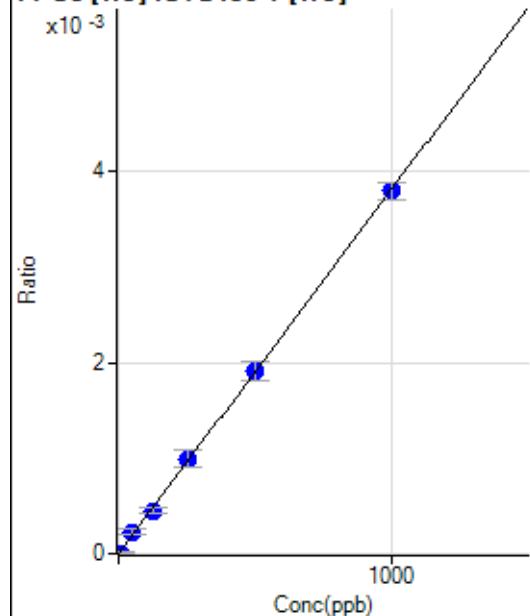
$$DL = 0.02042$$

$$BEC = 0.04108$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	1.996	2.22	0.0000	P	86.6
4	☐	50.000	60.509	67.78	0.0002	P	20.6
5	☐	125.000	117.819	133.34	0.0004	P	10.9
6	☐	250.000	260.317	286.67	0.0010	P	17.9
7	☐	500.000	503.741	556.69	0.0019	P	10.6
8	☐	1000.000	995.937	1071.17	0.0038	P	4.5
9	☐			1.11	0.0000	P	173.

$$y = 3.8091\text{E-}006 * x + 0.0000\text{E+}000$$

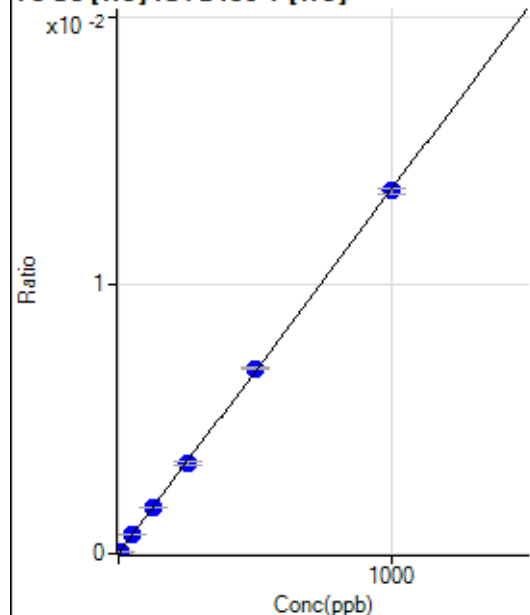
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.47	0.0000	P	43.8
2	☐	0.500					
3	☐	5.000	4.854	21.60	0.0001	P	13.7
4	☐	50.000	52.658	212.35	0.0007	P	1.3
5	☐	125.000	125.566	508.04	0.0017	P	2.0
6	☐	250.000	248.914	979.67	0.0034	P	4.6
7	☐	500.000	508.711	2002.01	0.0069	P	1.1
8	☐	1000.000	995.713	3812.30	0.0135	P	1.4
9	☐			4.32	0.0000	P	89.1

$$y = 1.3550\text{E-}005 * x + 8.5185\text{E-}006$$

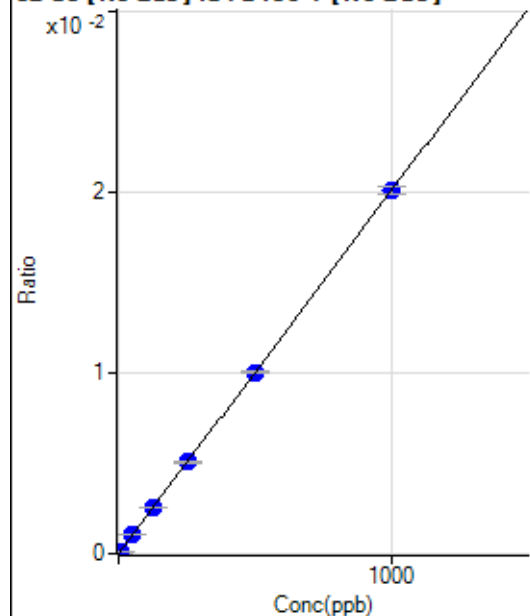
$$R = 0.9999$$

$$DL = 0.8262$$

$$BEC = 0.6287$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-101.38	0.0000	P	-78.
2	☐	0.500					
3	☐	5.000	5.036	606.79	0.0001	P	6.7
4	☐	50.000	52.066	7287.92	0.0010	P	2.8
5	☐	125.000	127.333	18603.93	0.0025	P	1.0
6	☐	250.000	252.645	37206.50	0.0051	P	0.9
7	☐	500.000	499.383	74453.24	0.0100	P	0.4
8	☐	1000.000	999.252	148533.71	0.0201	P	1.9
9	☐			187.45	0.0000	P	70.1

$$y = 2.0107\text{E-}005 * x - 1.4266\text{E-}005$$

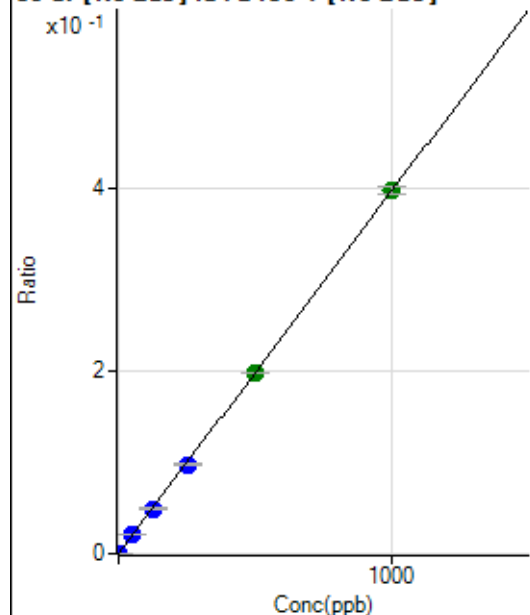
$$R = 1.0000$$

$$DL = 1.68$$

$$BEC = -0.7095$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1519.60	0.0002	P	13.2
2	☐	0.100					
3	☐	1.000	0.961	4164.70	0.0006	P	4.7
4	☐	50.000	50.994	144488.49	0.0205	P	1.2
5	☐	125.000	123.837	360965.81	0.0494	P	0.8
6	☐	250.000	246.281	720047.30	0.0980	P	0.5
7	☐	500.000	499.500	1474746.06	0.1986	A	0.6
8	☐	1000.000	1001.275	2943508.05	0.3979	A	2.2
9	☐			102821.67	0.0139	P	2.1

$$y = 3.9717\text{E-}004 * x + 2.1512\text{E-}004$$

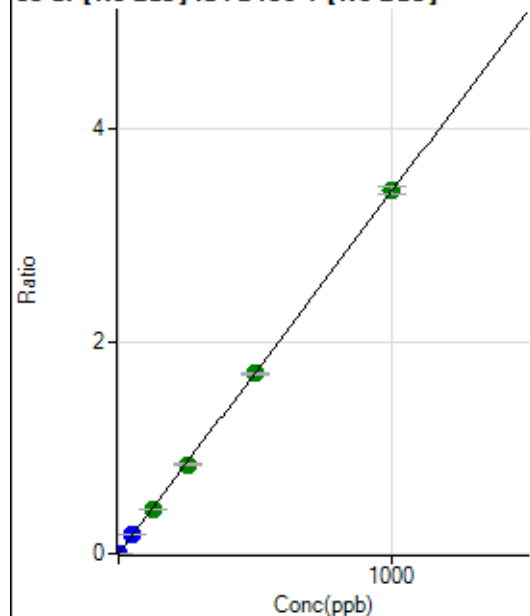
$$R = 1.0000$$

$$DL = 0.2151$$

$$BEC = 0.5416$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	327.80	0.0000	P	17.6
2	☐	0.100					
3	☐	1.000	0.918	22129.73	0.0032	P	3.9
4	☐	50.000	51.005	1227206.89	0.1739	P	1.8
5	☐	125.000	124.615	3103332.16	0.4247	A	0.1
6	☐	250.000	246.856	6179303.78	0.8413	A	0.5
7	☐	500.000	497.399	12586419.90	1.6951	A	0.5
8	☐	1000.000	1002.084	25263072.27	3.4149	A	2.1
9	☐			873833.30	0.1178	P	1.2

$$y = 0.0034 * x + 4.6427\text{E-}005$$

$$R = 1.0000$$

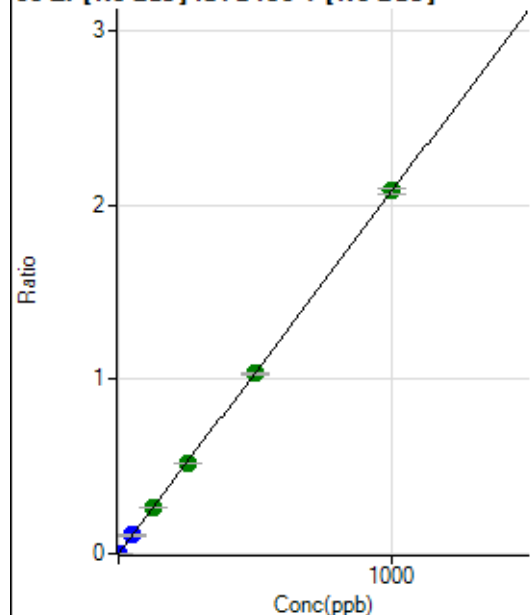
$$DL = 0.007213$$

$$BEC = 0.01362$$

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	600.18	0.0001	P	33.2
2	☐	0.100					
3	☐	1.000	0.905	13688.02	0.0020	P	7.1
4	☐	50.000	50.815	745412.81	0.1056	P	1.8
5	☐	125.000	125.674	1907524.94	0.2610	A	0.3
6	☐	250.000	248.231	3786717.18	0.5155	A	0.5
7	☐	500.000	497.159	7666201.21	1.0324	A	0.9
8	☐	1000.000	1001.738	15389839.93	2.0802	A	1.7
9	☐			6385.15	0.0009	P	6.2

$$y = 0.0021 * x + 8.5148E-005$$

$$R = 1.0000$$

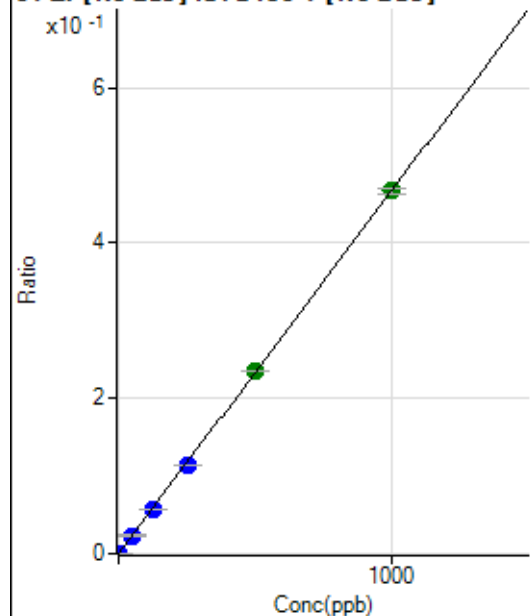
$$DL = 0.0408$$

$$BEC = 0.041$$

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	113.89	0.0000	P	24.1
2	☐	0.100					
3	☐	1.000	0.895	3028.25	0.0004	P	0.8
4	☐	50.000	50.046	165084.11	0.0234	P	1.9
5	☐	125.000	121.894	416080.01	0.0569	P	1.2
6	☐	250.000	244.589	839076.62	0.1142	P	1.0
7	☐	500.000	503.413	1745808.70	0.2351	A	0.4
8	☐	1000.000	1000.032	3455265.10	0.4670	A	1.8
9	☐			1361.24	0.0002	P	3.8

$$y = 4.6700E-004 * x + 1.6145E-005$$

$$R = 1.0000$$

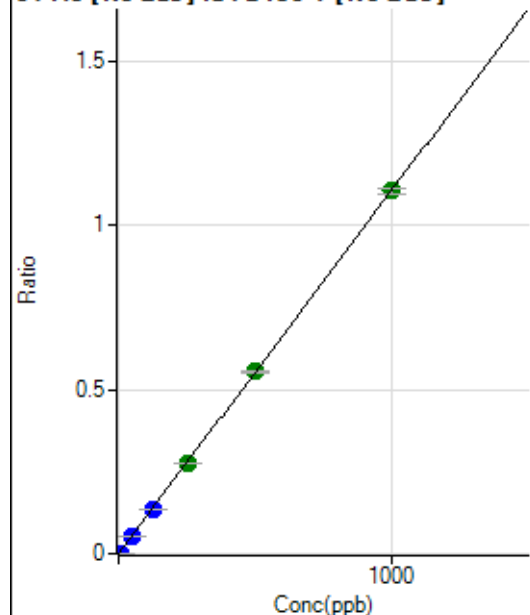
$$DL = 0.02498$$

$$BEC = 0.03457$$

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	219.46	0.0000	P	22.5
2	☐	0.500					
3	☐	5.000	2.019	15807.02	0.0023	P	3.3
4	☐	50.000	49.771	389244.61	0.0551	P	1.7
5	☐	125.000	122.722	993220.42	0.1359	P	0.3
6	☐	250.000	249.789	2031861.03	0.2766	A	0.9
7	☐	500.000	502.313	4130401.13	0.5563	A	1.2
8	☐	1000.000	999.207	8185757.91	1.1065	A	1.9
9	☐			14778.11	0.0020	P	2.3

$$y = 0.0011 * x + 3.1099E-005$$

$$R = 1.0000$$

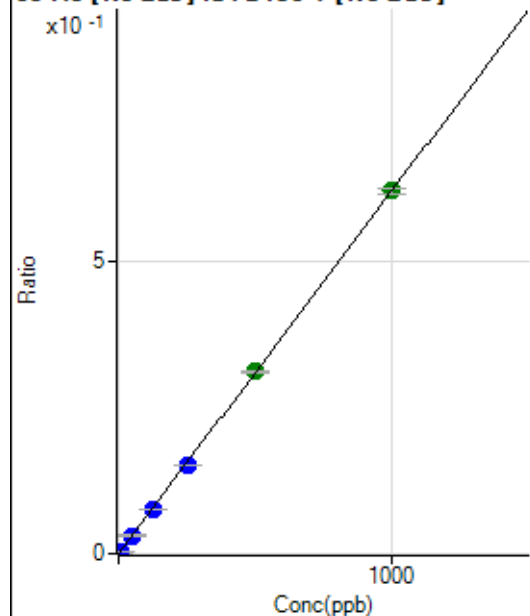
$$DL = 0.01895$$

$$BEC = 0.02808$$

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	77.78	0.0000	P	15.7
2	☐	0.500					
3	☐	5.000	4.305	18724.82	0.0027	P	3.4
4	☐	50.000	49.911	218882.47	0.0310	P	2.5
5	☐	125.000	121.761	552711.73	0.0756	P	0.9
6	☐	250.000	242.492	1106360.57	0.1506	P	0.8
7	☐	500.000	502.061	2315491.28	0.3119	A	1.6
8	☐	1000.000	1001.259	4601089.69	0.6219	A	1.7
9	☐			22040.97	0.0030	P	1.4

$$y = 6.2112E-004 * x + 1.0993E-005$$

$$R = 1.0000$$

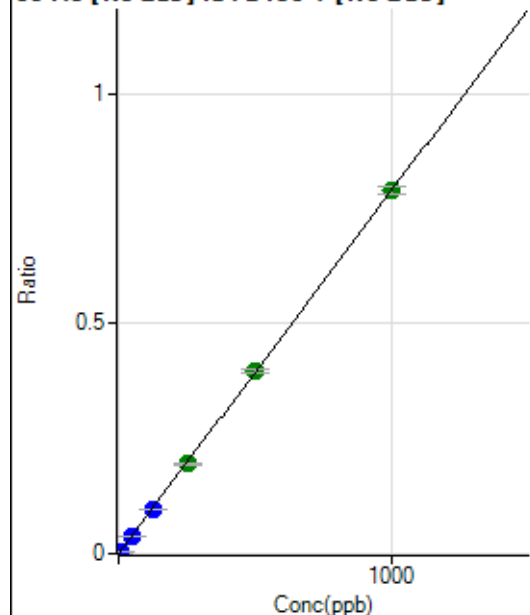
$$DL = 0.008322$$

$$BEC = 0.0177$$

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	158.34	0.0000	P	22.8
2	☐	0.500					
3	☐	5.000	3.750	20814.04	0.0030	P	2.1
4	☐	50.000	49.647	276928.34	0.0392	P	1.5
5	☐	125.000	121.961	703989.59	0.0963	P	0.6
6	☐	250.000	246.554	1430350.90	0.1947	A	1.0
7	☐	500.000	503.754	2954193.99	0.3979	A	1.3
8	☐	1000.000	999.388	5839058.21	0.7893	A	2.2
9	☐			26240.14	0.0035	P	4.0

$$y = 7.8976\text{E-}004 * x + 2.2337\text{E-}005$$

$$R = 1.0000$$

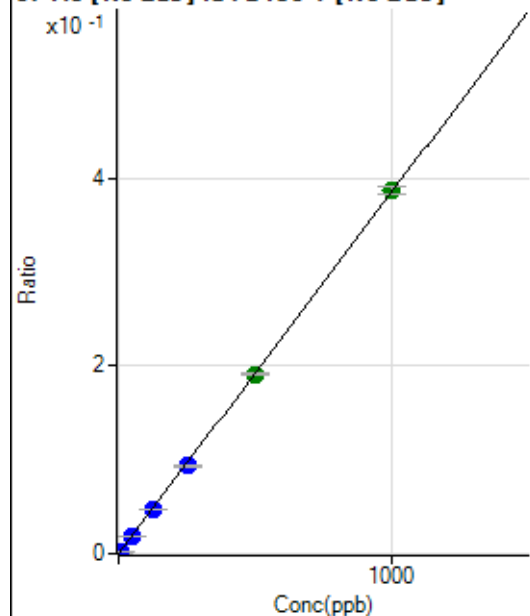
$$DL = 0.01938$$

$$BEC = 0.02828$$

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	66.67	0.0000	P	25.1
2	☐	0.500					
3	☐	5.000	4.326	11694.44	0.0017	P	2.7
4	☐	50.000	49.421	134503.84	0.0191	P	1.4
5	☐	125.000	121.139	341185.42	0.0467	P	0.4
6	☐	250.000	242.459	686370.48	0.0934	P	0.3
7	☐	500.000	496.665	1421307.99	0.1914	A	0.7
8	☐	1000.000	1004.068	2862584.59	0.3869	A	2.1
9	☐			13309.98	0.0018	P	4.0

$$y = 3.8536\text{E-}004 * x + 9.4334\text{E-}006$$

$$R = 1.0000$$

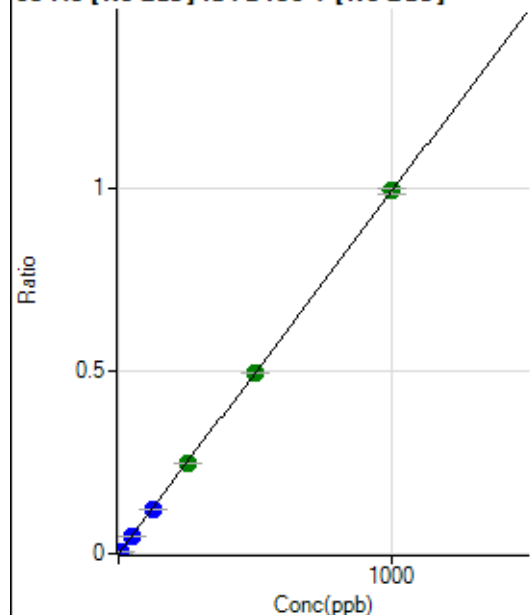
$$DL = 0.01843$$

$$BEC = 0.02448$$

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	80.56	0.0000	P	17.0
2	☐	0.500					
3	☐	5.000	4.395	30499.20	0.0044	P	2.4
4	☐	50.000	49.735	348442.41	0.0494	P	1.1
5	☐	125.000	121.367	880049.47	0.1204	P	0.7
6	☐	250.000	248.856	1813811.63	0.2469	A	1.3
7	☐	500.000	497.814	3667964.01	0.4940	A	0.4
8	☐	1000.000	1001.849	7354818.31	0.9941	A	1.3
9	☐			34812.62	0.0047	P	0.5

$$y = 9.9225\text{E-}004 * x + 1.1407\text{E-}005$$

$$R = 1.0000$$

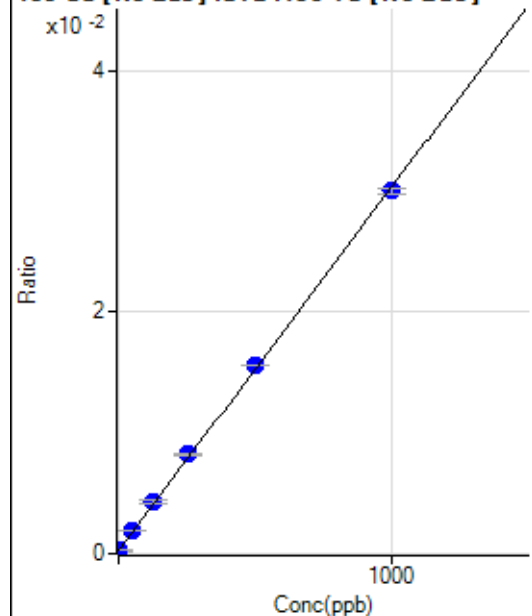
$$DL = 0.005877$$

$$BEC = 0.0115$$

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	1644.63	0.0002	P	7.9
2	☐	0.100					
3	☐	1.000	0.750	1775.20	0.0003	P	4.6
4	☐	50.000	55.741	13234.87	0.0019	P	2.7
5	☐	125.000	134.152	30157.01	0.0043	P	4.8
6	☐	250.000	264.806	59457.05	0.0082	P	1.4
7	☐	500.000	509.350	117838.15	0.0156	P	0.5
8	☐	1000.000	990.193	237365.93	0.0301	P	1.4
9	☐			1772.43	0.0002	P	0.9

$$y = 3.0119\text{E-}005 * x + 2.4023\text{E-}004$$

$$R = 0.9998$$

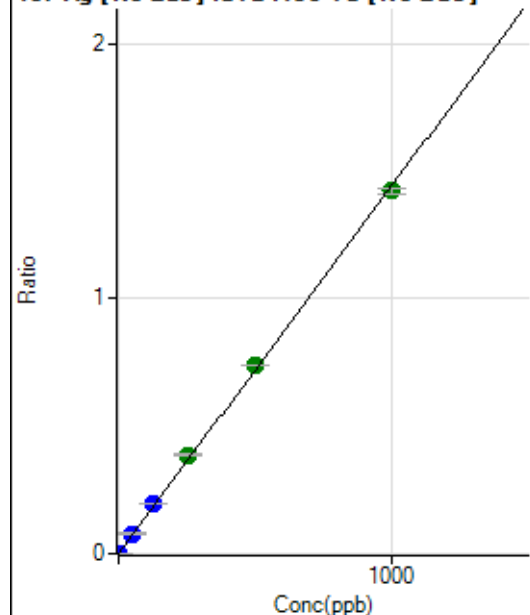
$$DL = 1.9$$

$$BEC = 7.976$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	28.1
2	☐	0.100					
3	☐	1.000	1.289	12592.62	0.0019	P	2.7
4	☐	50.000	54.883	545939.52	0.0792	P	1.2
5	☐	125.000	135.187	1374006.87	0.1950	P	1.2
6	☐	250.000	268.477	2802636.95	0.3873	A	1.1
7	☐	500.000	513.634	5603168.62	0.7409	A	0.2
8	☐	1000.000	987.046	11241010.49	1.4238	A	1.3
9	☐			2542.04	0.0003	P	5.9

$$y = 0.0014 * x + 6.4854E-006$$

$$R = 0.9997$$

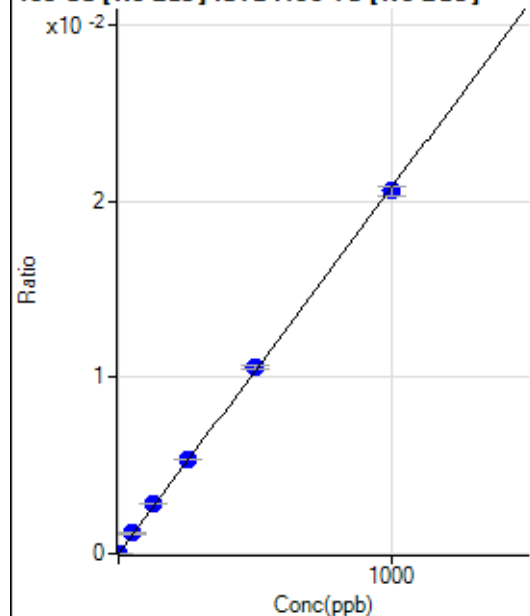
$$DL = 0.00379$$

$$BEC = 0.004496$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.34	0.0000	P	87.9
2	☐	0.100					
3	☐	1.000	1.289	188.90	0.0000	P	3.4
4	☐	50.000	55.947	8012.28	0.0012	P	3.9
5	☐	125.000	134.990	19745.33	0.0028	P	1.2
6	☐	250.000	258.133	38772.61	0.0054	P	1.5
7	☐	500.000	510.259	80077.66	0.0106	P	1.6
8	☐	1000.000	991.291	162390.80	0.0206	P	2.3
9	☐			52.78	0.0000	P	20.1

$$y = 2.0750E-005 * x + 1.2271E-006$$

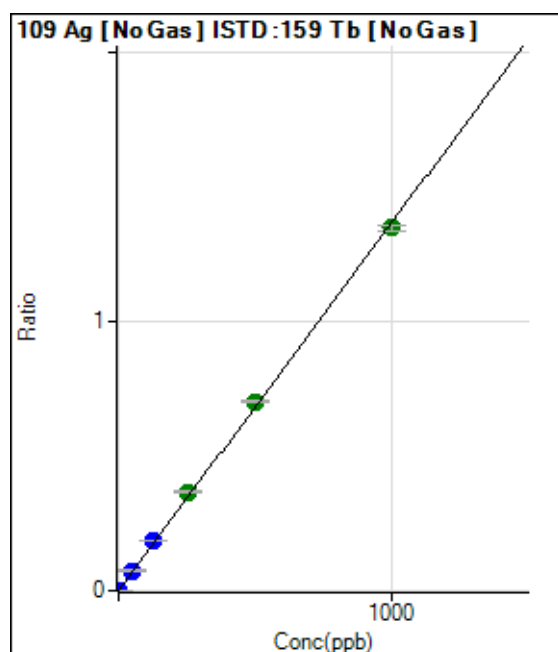
$$R = 0.9999$$

$$DL = 0.156$$

$$BEC = 0.05914$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.12	0.0000	P	7.1
2	☐	0.100					
3	☐	1.000	1.255	11616.60	0.0017	P	2.3
4	☐	50.000	54.862	516112.44	0.0748	P	1.7
5	☐	125.000	135.600	1303465.22	0.1850	P	1.5
6	☐	250.000	268.609	2652083.02	0.3664	A	0.7
7	☐	500.000	514.066	5303503.81	0.7013	A	0.7
8	☐	1000.000	986.746	10627534.09	1.3461	A	1.6
9	☐			2472.56	0.0003	P	3.1

$$y = 0.0014 * x + 8.9205E-006$$

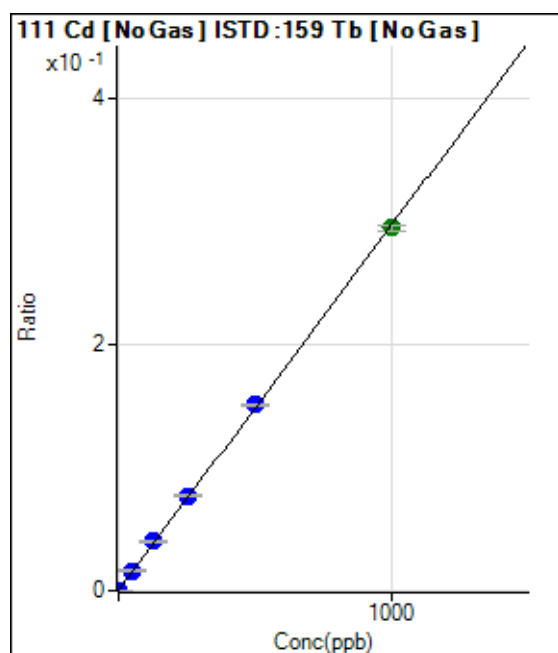
$$R = 0.9996$$

$$DL = 0.001397$$

$$BEC = 0.006539$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1157.90	0.0002	P	8.0
2	☐	0.100					
3	☐	1.000	0.928	3006.43	0.0004	P	4.2
4	☐	50.000	54.130	112155.59	0.0163	P	2.3
5	☐	125.000	134.104	282190.61	0.0401	P	1.6
6	☐	250.000	259.272	559236.47	0.0773	P	1.2
7	☐	500.000	507.756	1143285.00	0.1512	P	0.5
8	☐	1000.000	992.460	2331639.82	0.2953	A	1.3
9	☐			1803.78	0.0002	P	5.9

$$y = 2.9739E-004 * x + 1.6912E-004$$

$$R = 0.9999$$

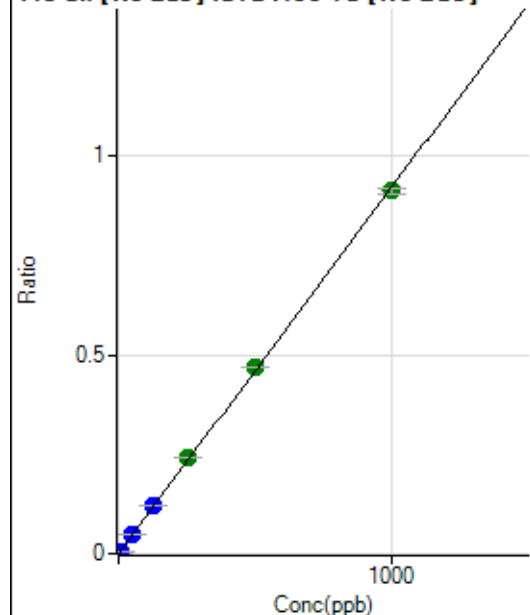
$$DL = 0.1363$$

$$BEC = 0.5687$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	761.34	0.0001	P	17.5
2	☐	0.500					
3	☐	5.000	4.694	29917.85	0.0044	P	0.5
4	☐	50.000	53.087	337627.61	0.0490	P	2.0
5	☐	125.000	132.716	861404.55	0.1222	P	0.4
6	☐	250.000	261.884	1745031.62	0.2411	A	0.6
7	☐	500.000	510.577	3554476.21	0.4700	A	0.4
8	☐	1000.000	990.623	7198757.71	0.9118	A	1.4
9	☐			10198.79	0.0013	P	3.5

$$y = 9.2029\text{E-}004 * x + 1.1133\text{E-}004$$

$$R = 0.9998$$

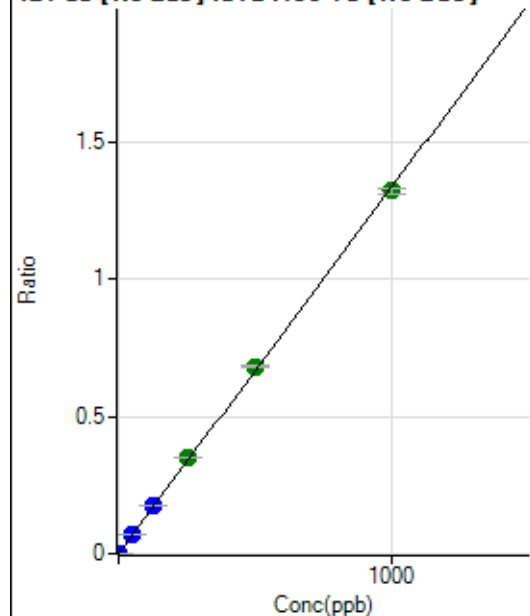
$$DL = 0.06338$$

$$BEC = 0.121$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	65.3
2	☐	0.200					
3	☐	2.000	1.920	17325.84	0.0026	P	3.2
4	☐	50.000	52.922	486573.30	0.0706	P	2.2
5	☐	125.000	132.101	1241174.87	0.1761	P	0.7
6	☐	250.000	261.369	2522143.48	0.3485	A	1.1
7	☐	500.000	511.495	5157899.99	0.6820	A	0.6
8	☐	1000.000	990.377	10425718.38	1.3206	A	1.7
9	☐			26104.32	0.0034	P	2.1

$$y = 0.0013 * x + 6.4907\text{E-}006$$

$$R = 0.9998$$

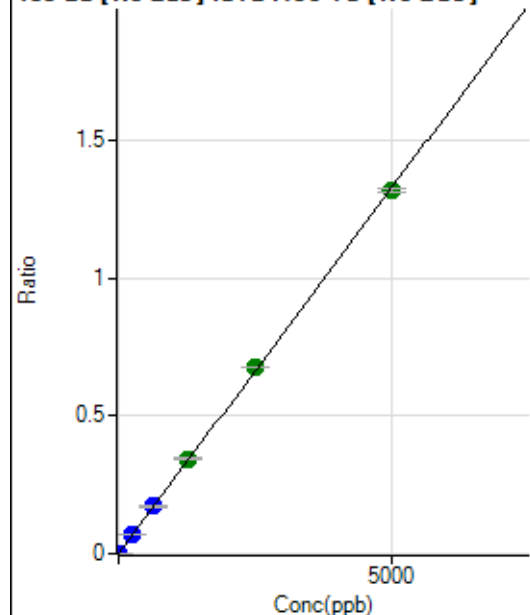
$$DL = 0.009543$$

$$BEC = 0.004868$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	18.8
2	☐	1.000					
3	☐	10.000	9.314	16716.77	0.0025	P	2.8
4	☐	250.000	261.898	478680.41	0.0694	P	2.0
5	☐	625.000	647.007	1208383.96	0.1715	P	1.7
6	☐	1250.000	1297.009	2487972.54	0.3438	A	1.1
7	☐	2500.000	2544.734	5101184.53	0.6745	A	0.1
8	☐	5000.000	4962.536	10385933.57	1.3154	A	0.9
9	☐			5832.13	0.0008	P	3.8

$$y = 2.6506E-004 * x + 7.7130E-006$$

$$R = 0.9999$$

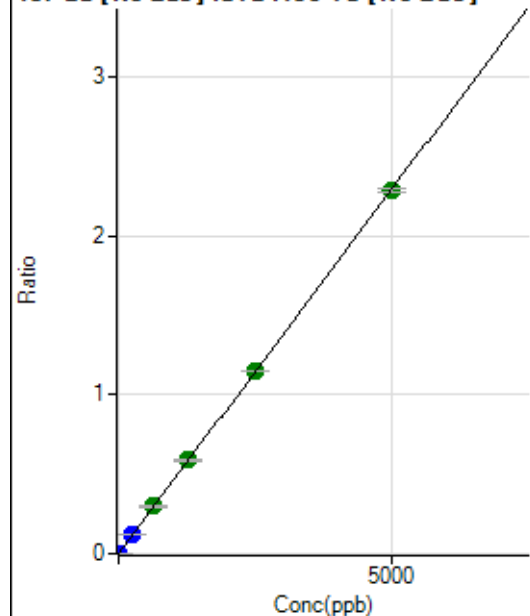
$$DL = 0.01641$$

$$BEC = 0.0291$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	14.8
2	☐	1.000					
3	☐	10.000	9.397	29149.80	0.0043	P	3.0
4	☐	250.000	261.633	826405.06	0.1199	P	2.5
5	☐	625.000	647.938	2091404.99	0.2968	A	1.8
6	☐	1250.000	1286.478	4264896.80	0.5893	A	1.4
7	☐	2500.000	2510.605	8697939.78	1.1501	A	0.5
8	☐	5000.000	4982.131	18020084.25	2.2823	A	1.2
9	☐			10187.69	0.0013	P	3.6

$$y = 4.5809E-004 * x + 1.3807E-005$$

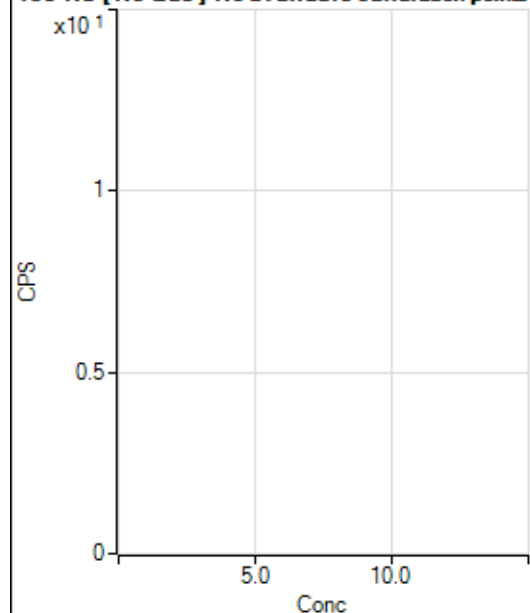
$$R = 1.0000$$

$$DL = 0.01342$$

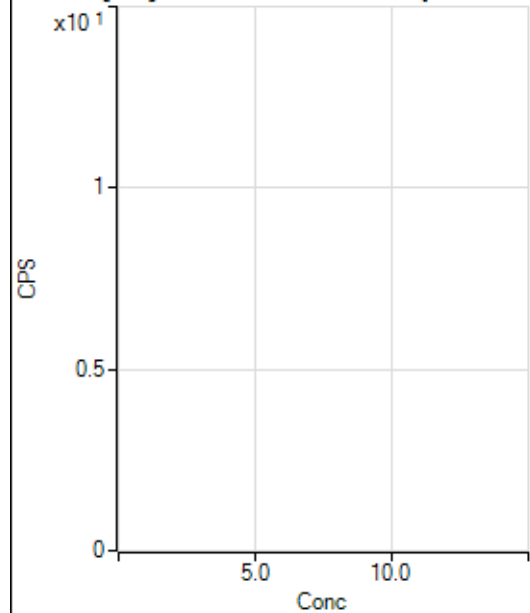
$$BEC = 0.03014$$

Weight: <None>

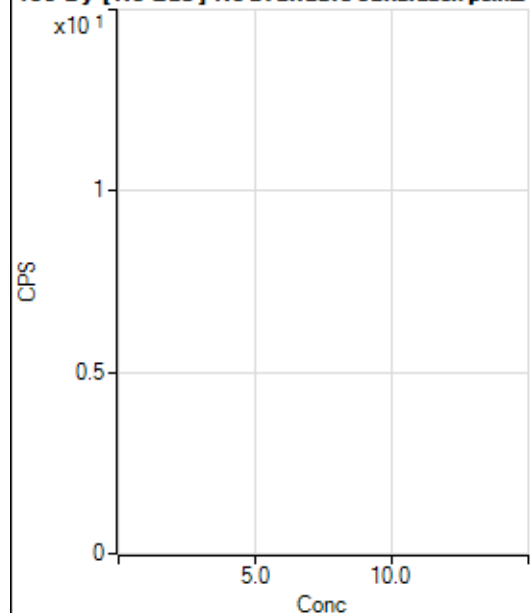
Min Conc: 0

150 Nd [No Gas] No available calibration points

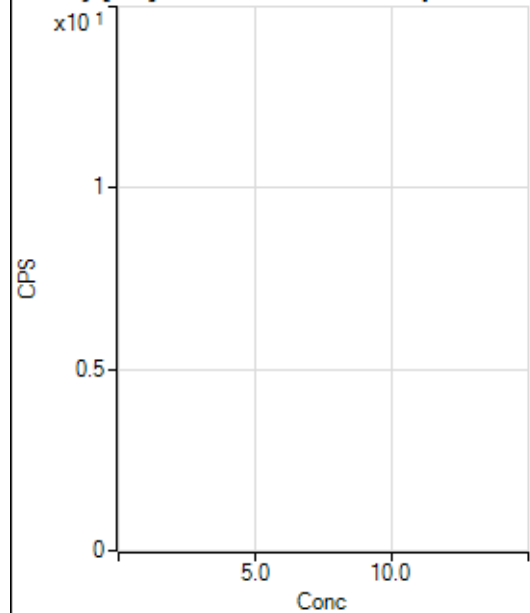
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	107.
2	☐						
3	☐			26.67		P	50.0
4	☐			26.67		P	43.3
5	☐			46.67		P	49.5
6	☐			100.00		P	26.7
7	☐			226.68		P	7.8
8	☐			344.46		P	11.3
9	☐			142.23		P	18.9

150 Nd [He] No available calibration points

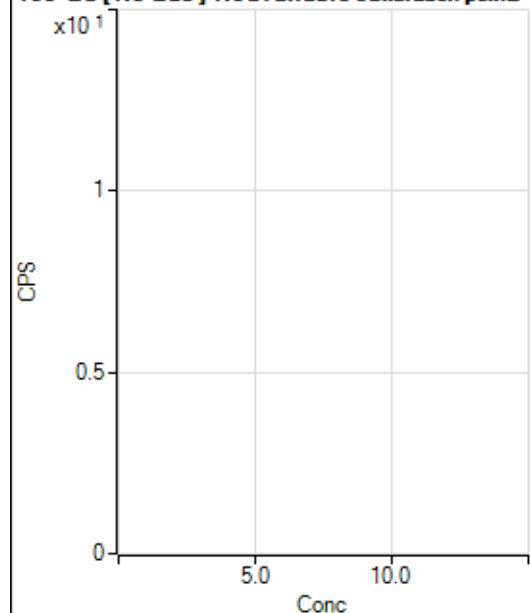
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			3.33		P	100.
7	☐			8.89		P	57.3
8	☐			8.89		P	21.6
9	☐			25.56		P	7.5

156 Dy [No Gas] No available calibration points

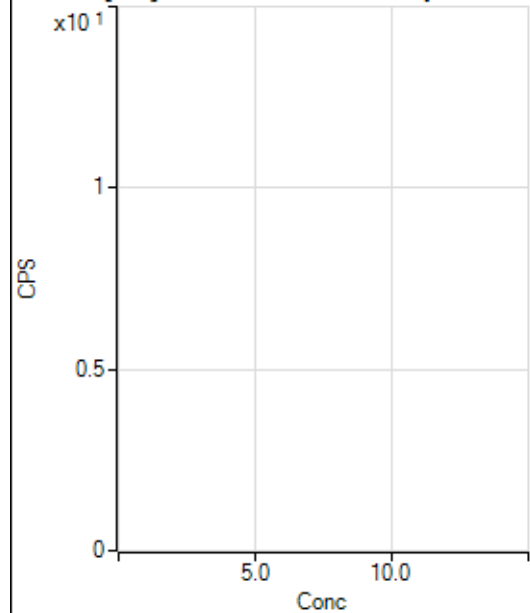
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			13.89		P	124.
4	☐			13.89		P	69.3
5	☐			41.67		P	20.0
6	☐			58.33		P	37.8
7	☐			91.67		P	31.5
8	☐			183.34		P	16.4
9	☐			113.90		P	16.9

156 Dy [He] No available calibration points

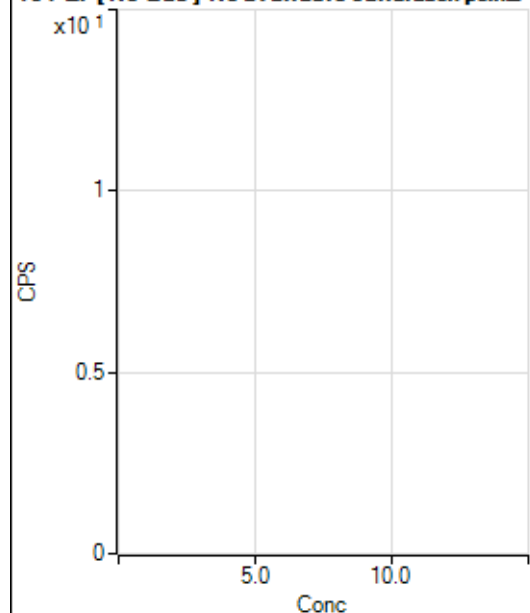
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			3.33		P	173.
4	☐			3.33		P	173.
5	☐			0.00		P	
6	☐			6.66		P	86.6
7	☐			13.34		P	43.3
8	☐			10.00		P	57.7
9	☐			37.78		P	43.5

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

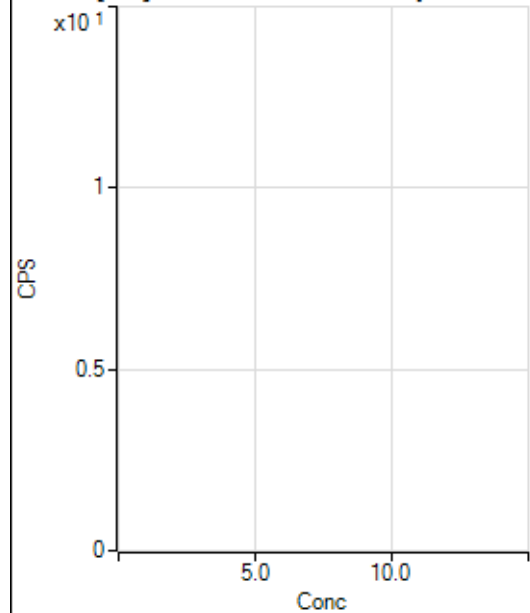
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	72.7
2	☐						
3	☐			75.00		P	22.2
4	☐			55.56		P	34.6
5	☐			77.78		P	16.4
6	☐			86.12		P	14.8
7	☐			80.56		P	33.3
8	☐			130.56		P	14.7
9	☐			147.23		P	11.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	21.7
2	☐						
3	☐			14.44		P	13.4
4	☐			16.67		P	52.9
5	☐			10.00		P	57.7
6	☐			10.00		P	33.3
7	☐			20.00		P	60.1
8	☐			25.56		P	39.8
9	☐			46.67		P	37.1

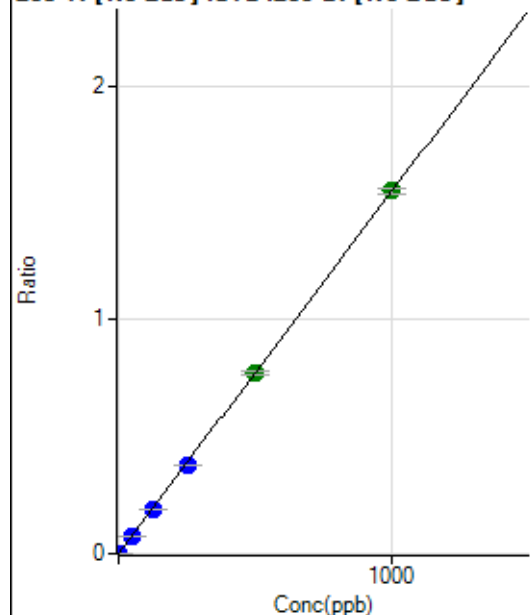
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	56.8
2	☐						
3	☐			19.45		P	24.7
4	☐			50.00		P	44.1
5	☐			41.67		P	20.0
6	☐			41.67		P	40.0
7	☐			38.89		P	32.7
8	☐			80.56		P	36.3
9	☐			94.45		P	31.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			7.78		P	89.2
4	☐			8.89		P	108.
5	☐			7.78		P	49.5
6	☐			5.56		P	34.7
7	☐			5.56		P	34.7
8	☐			16.67		P	20.0
9	☐			25.55		P	27.1

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	30.4
2	☐	0.100					
3	☐	1.000	0.921	5176.34	0.0014	P	3.5
4	☐	50.000	49.465	283405.67	0.0765	P	1.1
5	☐	125.000	122.530	716414.22	0.1895	P	1.5
6	☐	250.000	244.476	1454406.01	0.3780	P	1.0
7	☐	500.000	498.095	3114573.29	0.7701	A	2.4
8	☐	1000.000	1002.669	6465741.47	1.5502	A	1.7
9	☐			4109.21	0.0011	P	1.9

$$y = 0.0015 * x + 2.1090E-005$$

$$R = 1.0000$$

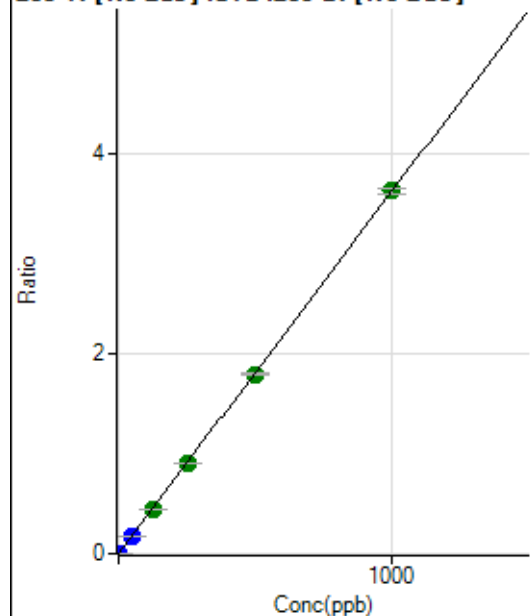
$$DL = 0.01245$$

$$BEC = 0.01364$$

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	161.12	0.0000	P	26.5
2	☐	0.100					
3	☐	1.000	0.925	12170.26	0.0034	P	3.7
4	☐	50.000	50.079	673002.31	0.1816	P	0.6
5	☐	125.000	123.741	1697031.11	0.4488	A	0.9
6	☐	250.000	249.067	3475426.55	0.9033	A	1.1
7	☐	500.000	495.119	7262196.69	1.7955	A	1.4
8	☐	1000.000	1002.828	15168358.67	3.6367	A	1.6
9	☐			9946.00	0.0026	P	2.9

$$y = 0.0036 * x + 4.3746E-005$$

$$R = 1.0000$$

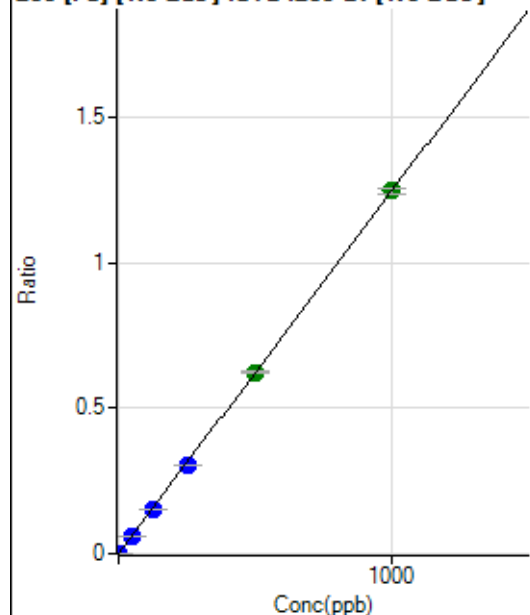
$$DL = 0.009576$$

$$BEC = 0.01206$$

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	237.05	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	1.019	4776.98	0.0013	P	5.3
4	☐	50.000	49.320	228033.53	0.0615	P	0.6
5	☐	125.000	122.537	577870.81	0.1528	P	1.5
6	☐	250.000	244.023	1170697.20	0.3043	P	1.0
7	☐	500.000	500.802	2525231.77	0.6244	A	1.4
8	☐	1000.000	1001.435	5207258.16	1.2484	A	1.4
9	☐			11259.01	0.0029	P	2.9

$$y = 0.0012 * x + 6.4340E-005$$

$$R = 1.0000$$

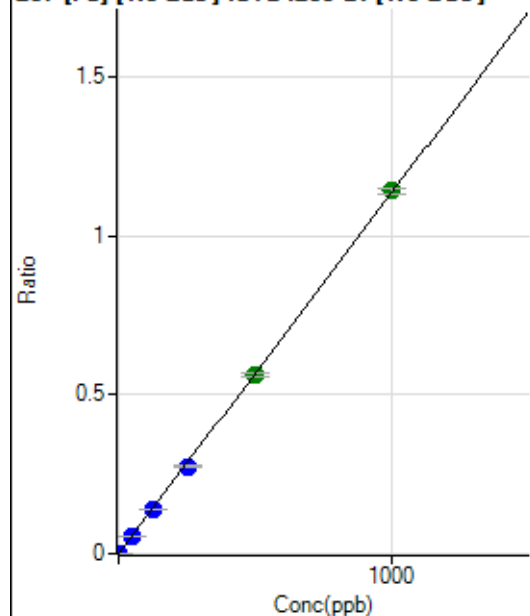
$$DL = 0.01763$$

$$BEC = 0.05161$$

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	231.49	0.0001	P	4.3
2	☐	0.100					
3	☐	1.000	0.990	4247.13	0.0012	P	3.2
4	☐	50.000	49.033	206256.75	0.0557	P	0.9
5	☐	125.000	121.037	519292.26	0.1373	P	1.8
6	☐	250.000	241.690	1054895.67	0.2742	P	1.1
7	☐	500.000	494.775	2269815.99	0.5612	A	1.7
8	☐	1000.000	1005.234	4755242.24	1.1401	A	1.7
9	☐			9470.50	0.0024	P	1.3

$$y = 0.0011 * x + 6.2863E-005$$

$$R = 0.9999$$

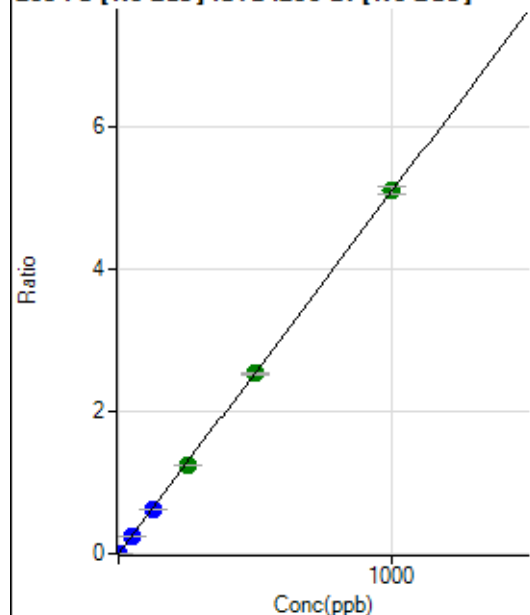
$$DL = 0.007113$$

$$BEC = 0.05543$$

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	1024.12	0.0003	P	3.0
2	☐	0.100					
3	☐	1.000	1.025	19628.85	0.0055	P	2.3
4	☐	50.000	49.119	924707.00	0.2496	P	0.8
5	☐	125.000	121.716	2337184.81	0.6181	P	1.3
6	☐	250.000	245.882	4803194.72	1.2483	A	0.7
7	☐	500.000	497.967	10224330.58	2.5278	A	0.8
8	☐	1000.000	1002.500	21223383.29	5.0886	A	2.0
9	☐			44294.53	0.0114	P	1.3

$$y = 0.0051 * x + 2.7804E-004$$

$$R = 1.0000$$

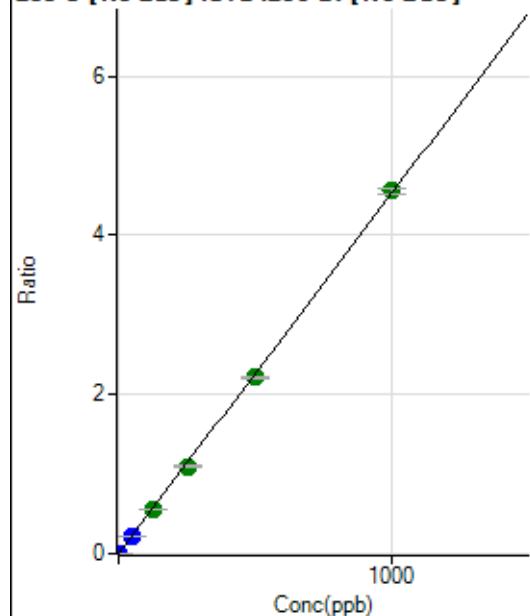
$$DL = 0.004868$$

$$BEC = 0.05478$$

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	102.78	0.0000	P	36.0
2	☐	0.100					
3	☐	1.000	0.899	14653.65	0.0041	P	3.3
4	☐	50.000	48.160	806808.46	0.2178	P	1.9
5	☐	125.000	122.160	2088842.58	0.5524	A	0.5
6	☐	250.000	242.067	4211518.19	1.0945	A	1.2
7	☐	500.000	489.771	8957184.14	2.2145	A	0.6
8	☐	1000.000	1007.545	19001213.97	4.5556	A	1.7
9	☐			5343.07	0.0014	P	2.6

$$y = 0.0045 * x + 2.7863E-005$$

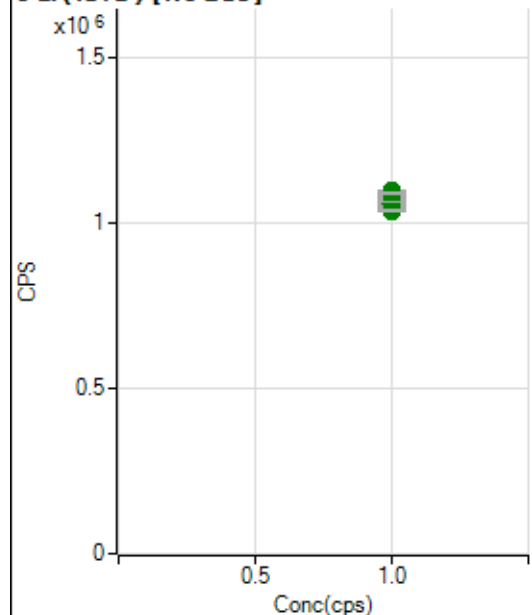
$$R = 0.9999$$

$$DL = 0.006657$$

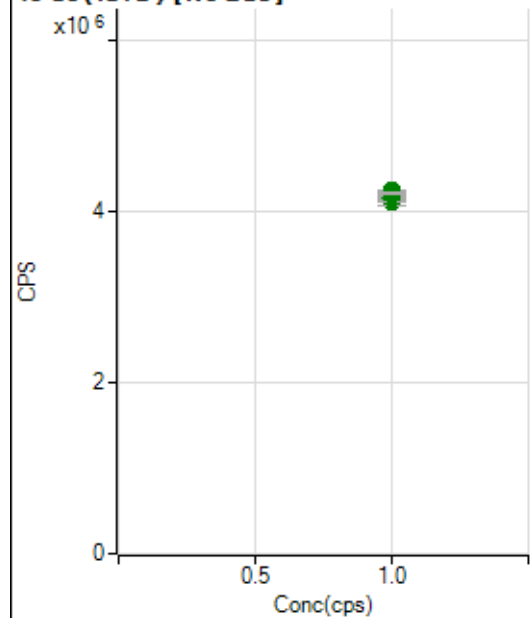
$$BEC = 0.006162$$

Weight: <None>

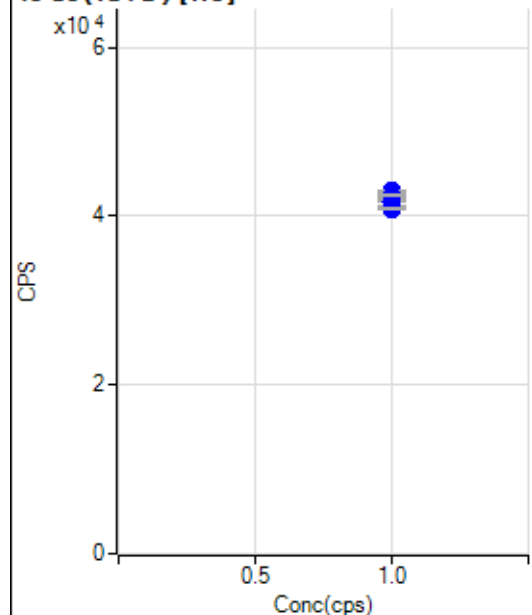
Min Conc: 0

6 Li (ISTD) [No Gas]

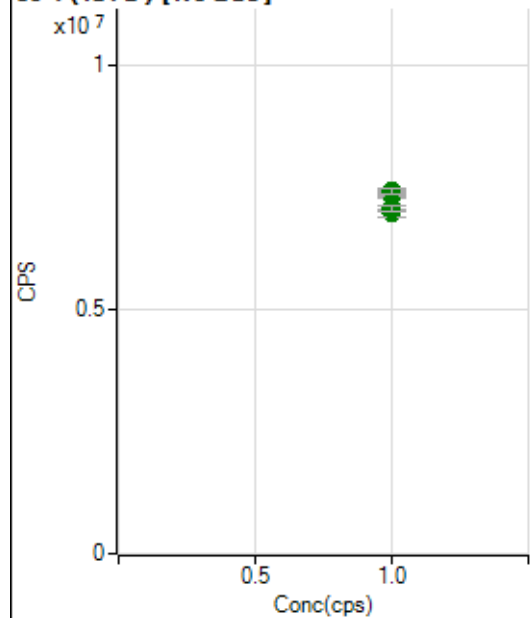
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1060945.99		A	1.0
2	☐	1.000					
3	☐	1.000		1056432.48		A	2.8
4	☐	1.000		1066847.93		A	1.4
5	☐	1.000		1087674.11		A	0.6
6	☐	1.000		1097224.33		A	0.7
7	☐	1.000		1088875.22		A	0.8
8	☐	1.000		1056273.87		A	1.7
9	☐	1.000		1037369.81		A	0.4

45 Sc (ISTD) [No Gas]

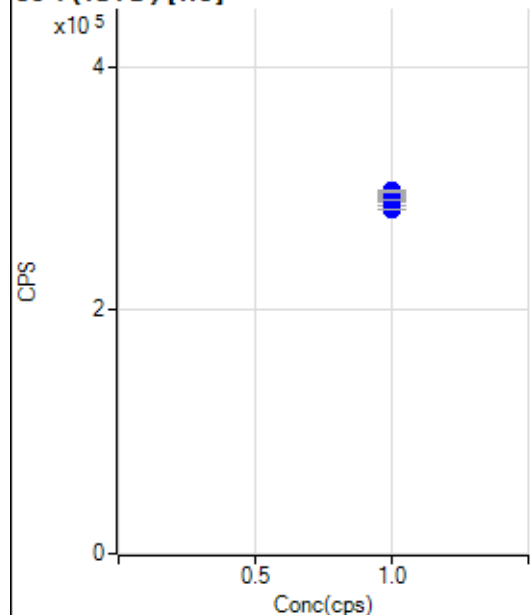
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4161242.71		A	0.4
2	☐	1.000					
3	☐	1.000		4116420.23		A	1.8
4	☐	1.000		4158317.50		A	0.9
5	☐	1.000		4236123.97		A	0.7
6	☐	1.000		4243247.62		A	0.6
7	☐	1.000		4230164.46		A	0.6
8	☐	1.000		4155989.07		A	1.8
9	☐	1.000		4215645.97		A	0.3

45 Sc (ISTD) [He]

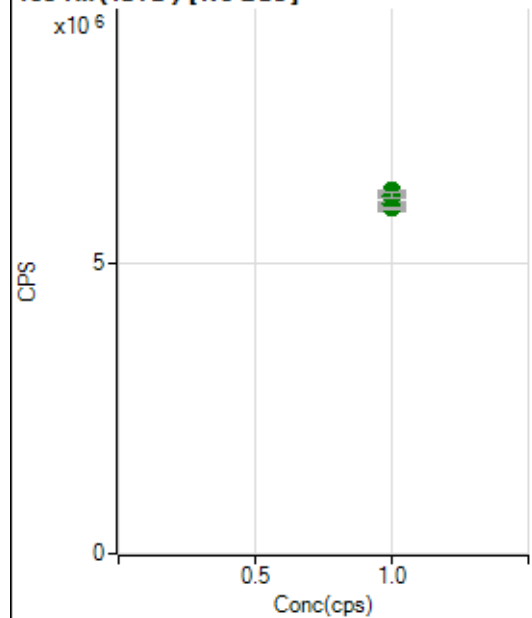
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		42018.49		P	1.8
2	☐	1.000					
3	☐	1.000		42078.58		P	0.6
4	☐	1.000		42473.09		P	1.0
5	☐	1.000		42963.43		P	0.8
6	☐	1.000		41615.06		P	2.6
7	☐	1.000		41699.64		P	1.8
8	☐	1.000		40863.80		P	0.9
9	☐	1.000		42447.36		P	0.7

89 Y (ISTD) [No Gas]

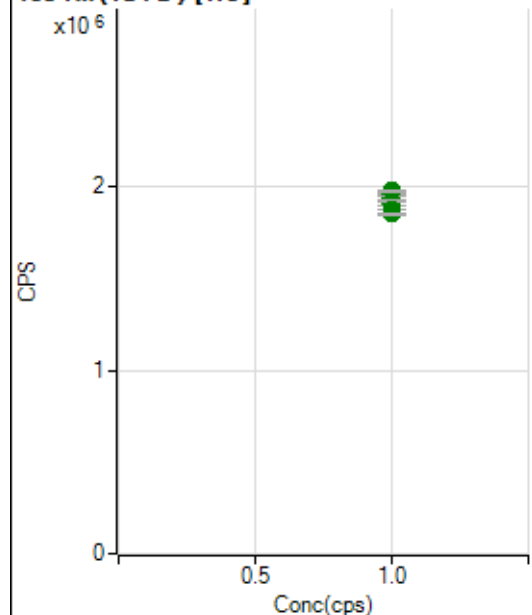
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7072412.19		A	1.8
2	☐	1.000					
3	☐	1.000		6978184.34		A	2.3
4	☐	1.000		7059946.70		A	1.7
5	☐	1.000		7307118.16		A	0.3
6	☐	1.000		7345284.96		A	0.9
7	☐	1.000		7425607.88		A	0.8
8	☐	1.000		7399596.07		A	1.7
9	☐	1.000		7419912.39		A	1.2

89 Y(ISTD) [He]

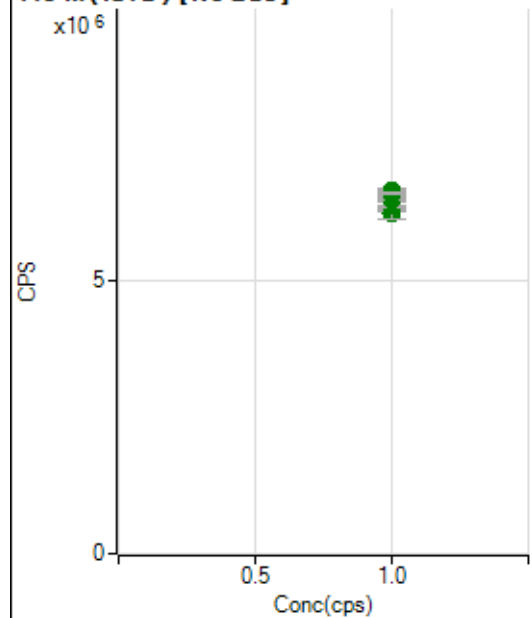
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		289948.01		P	0.7
2	☐	1.000					
3	☐	1.000		290982.31		P	0.9
4	☐	1.000		294109.20		P	0.4
5	☐	1.000		297111.04		P	0.0
6	☐	1.000		289944.18		P	2.5
7	☐	1.000		290086.57		P	0.2
8	☐	1.000		282384.57		P	0.3
9	☐	1.000		297714.46		P	0.7

103 Rh(ISTD) [No Gas]

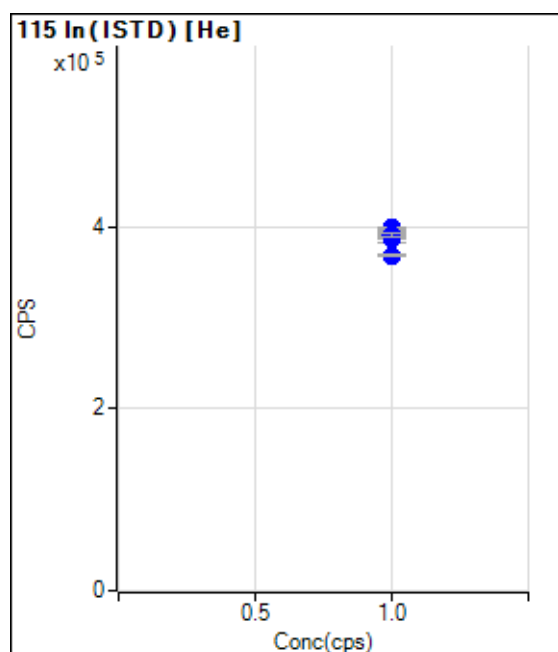
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6092352.79		A	2.1
2	☐	1.000					
3	☐	1.000		5975795.97		A	2.3
4	☐	1.000		6049520.84		A	1.2
5	☐	1.000		6174520.32		A	0.3
6	☐	1.000		6222344.24		A	0.6
7	☐	1.000		6266407.52		A	0.5
8	☐	1.000		6187581.04		A	1.7
9	☐	1.000		5961959.55		A	0.8

103 Rh (ISTD) [He]

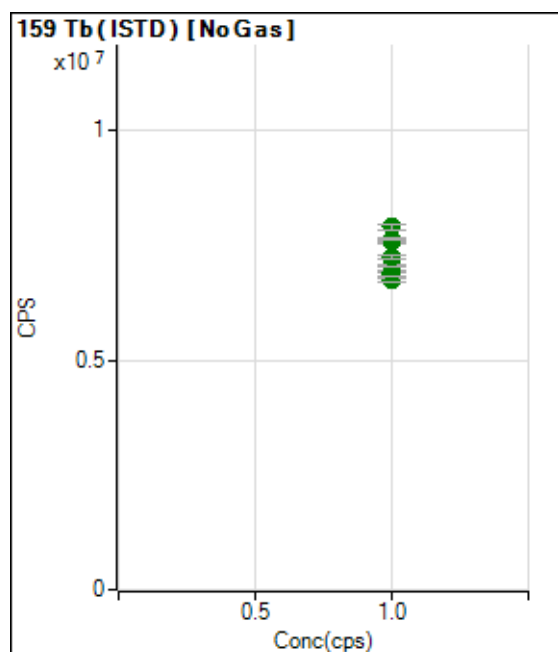
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1958311.20		A	0.4
2	☐	1.000					
3	☐	1.000		1943193.41		A	1.2
4	☐	1.000		1961606.14		A	0.9
5	☐	1.000		1978815.46		A	0.6
6	☐	1.000		1913059.49		A	2.0
7	☐	1.000		1924482.63		A	0.6
8	☐	1.000		1874388.17		A	0.2
9	☐	1.000		1853074.18		A	0.9

115 In (ISTD) [No Gas]

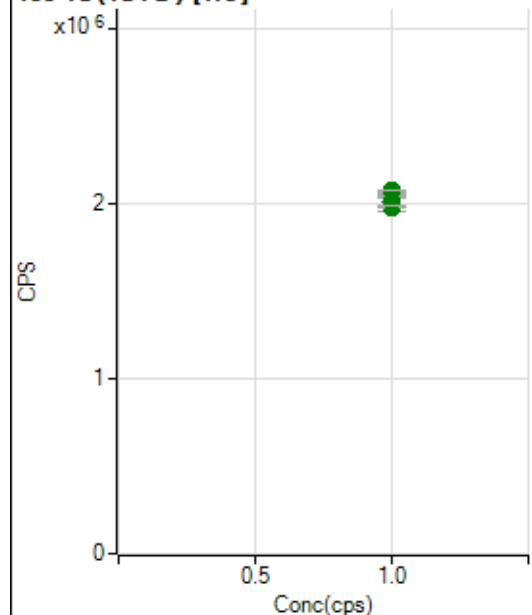
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6340598.46		A	1.9
2	☐	1.000					
3	☐	1.000		6237063.25		A	2.9
4	☐	1.000		6366940.50		A	1.0
5	☐	1.000		6498083.40		A	0.8
6	☐	1.000		6505640.91		A	0.9
7	☐	1.000		6654163.47		A	1.0
8	☐	1.000		6601378.60		A	1.7
9	☐	1.000		6629457.17		A	0.6



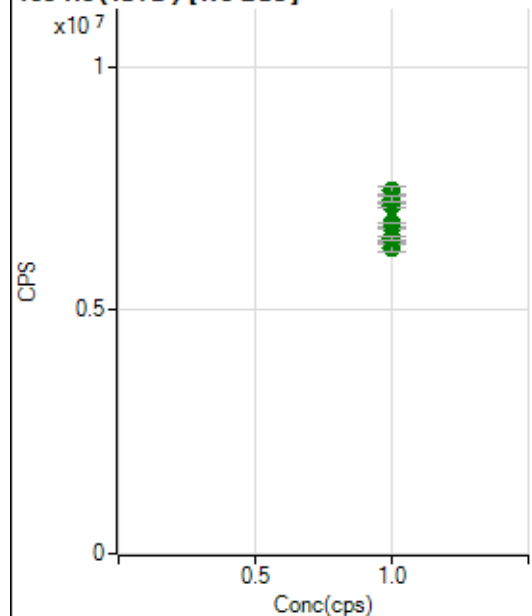
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		391022.70		P	0.6
2	☐	1.000					
3	☐	1.000		390344.68		P	0.1
4	☐	1.000		396803.74		P	0.4
5	☐	1.000		398559.58		P	0.5
6	☐	1.000		386867.62		P	2.0
7	☐	1.000		386477.62		P	0.3
8	☐	1.000		368109.05		P	0.3
9	☐	1.000		391330.84		P	1.1



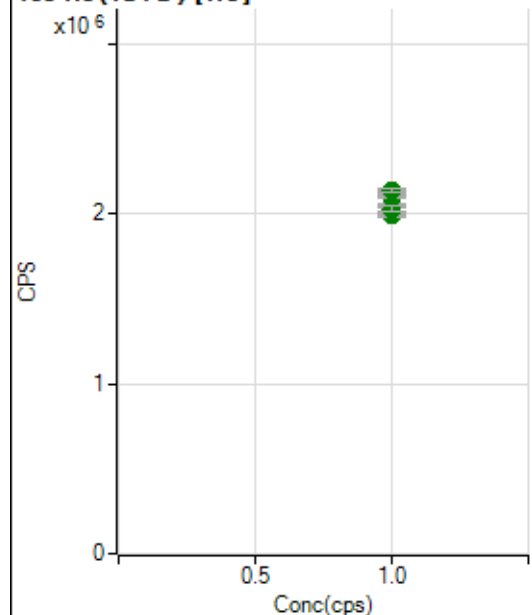
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6849256.56		A	1.4
2	☐	1.000					
3	☐	1.000		6751963.37		A	1.2
4	☐	1.000		6896628.37		A	1.9
5	☐	1.000		7046454.34		A	0.8
6	☐	1.000		7237392.04		A	0.9
7	☐	1.000		7562877.53		A	0.9
8	☐	1.000		7896600.65		A	1.8
9	☐	1.000		7637691.90		A	0.6

159 Tb (ISTD) [He]

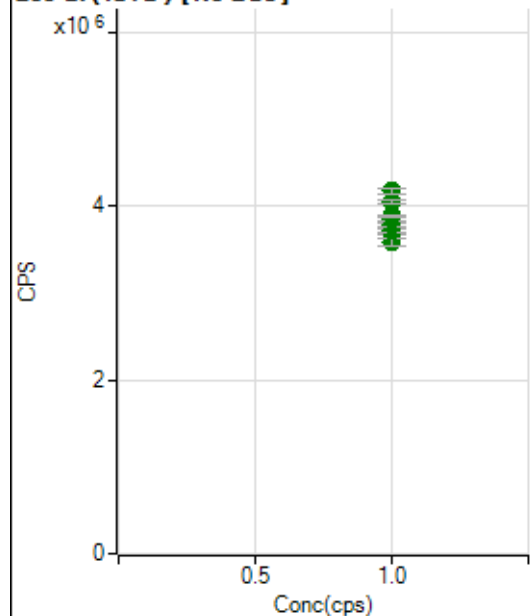
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1972710.61		A	2.0
2	☐	1.000					
3	☐	1.000		1978656.86		A	0.2
4	☐	1.000		1981566.46		A	0.6
5	☐	1.000		2038133.77		A	0.4
6	☐	1.000		2007232.44		A	2.1
7	☐	1.000		2066014.55		A	0.3
8	☐	1.000		2047707.71		A	0.2
9	☐	1.000		2071805.37		A	0.1

165 Ho (ISTD) [No Gas]

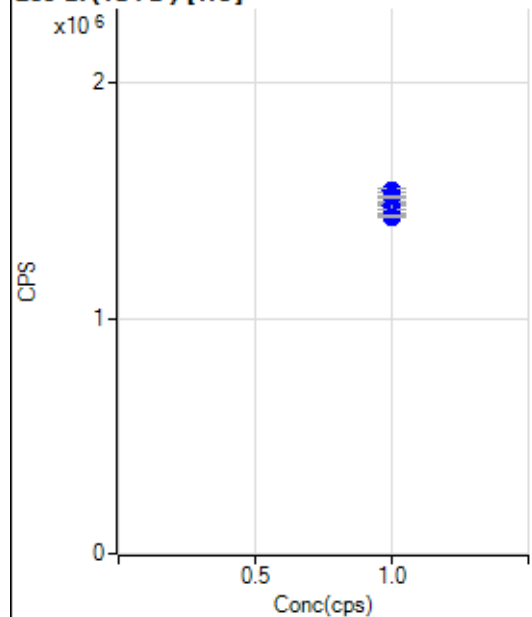
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6455858.83		A	1.7
2	☐	1.000					
3	☐	1.000		6287823.10		A	2.5
4	☐	1.000		6462724.32		A	1.1
5	☐	1.000		6703126.28		A	0.5
6	☐	1.000		6787265.17		A	0.4
7	☐	1.000		7152683.41		A	1.3
8	☐	1.000		7448859.28		A	2.2
9	☐	1.000		7275825.42		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2008817.37		A	0.8
2	☐	1.000					
3	☐	1.000		1985715.70		A	0.5
4	☐	1.000		2038004.08		A	0.6
5	☐	1.000		2045878.20		A	1.2
6	☐	1.000		2024756.15		A	1.6
7	☐	1.000		2126686.27		A	0.8
8	☐	1.000		2100261.60		A	0.5
9	☐	1.000		2132401.15		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3683123.21		A	0.7
2	☐	1.000					
3	☐	1.000		3583723.31		A	2.3
4	☐	1.000		3705131.44		A	1.2
5	☐	1.000		3781641.75		A	0.9
6	☐	1.000		3847948.69		A	1.1
7	☐	1.000		4044876.85		A	1.0
8	☐	1.000		4171604.52		A	1.5
9	☐	1.000		3887194.07		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1442445.07		P	0.8
2	☐	1.000					
3	☐	1.000		1435401.56		P	0.3
4	☐	1.000		1479090.83		P	0.4
5	☐	1.000		1487341.79		P	0.4
6	☐	1.000		1479441.05		P	2.1
7	☐	1.000		1541082.14		P	1.0
8	☐	1.000		1517820.29		P	0.6
9	☐	1.000		1431743.28		P	0.4

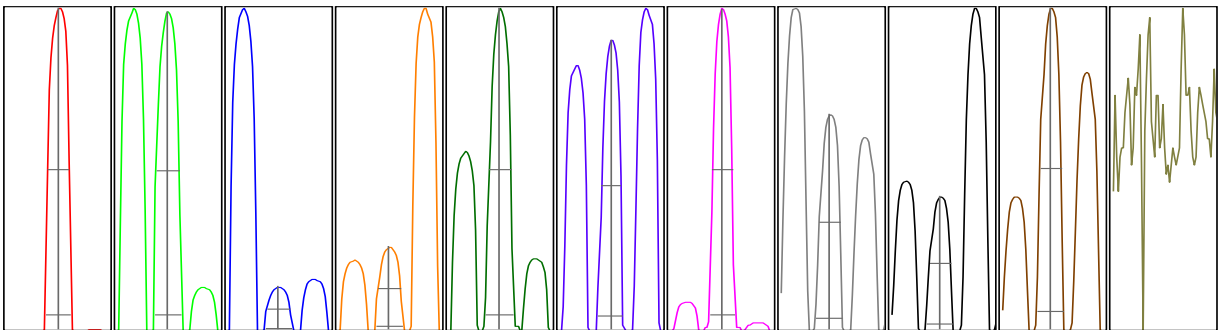
US EPA Tune Check Sample Report

Batch Folder D:\P8072817-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8917	1.44	5.00	
24	47224	1.15	5.00	
25	6424	0.74	5.00	
26	7515	0.87	5.00	
59	88354	0.82	5.00	
113	10512	0.96	5.00	
115	132031	1.43	5.00	
206	21765	0.46	5.00	
207	19702	0.50	5.00	
208	47313	1.05	5.00	
220	1	24.83		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8890	9132	8856	8913	8794
24	46961	48143	46812	46908	47297
25	6390	6483	6406	6374	6465
26	7485	7543	7473	7457	7617
59	87579	88003	88325	88327	89537
113	10367	10542	10647	10506	10497
115	131336	130297	135267	131654	131601
206	21711	21692	21860	21675	21889
207	19562	19660	19818	19703	19766
208	48037	46915	46841	47580	47190
220	1	1	2	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	14303	9.05	8.9 - 9.1		0.741	0.900	
24	74658	24.00	23.9 - 24.1		0.788	0.900	
25	10129	25.00	24.9 - 25.1		0.789	0.900	
26	12006	26.00	25.9 - 26.1		0.787	0.900	
59	146418	59.00	58.9 - 59.1		0.823	0.900	
113	18858	113.05	112.9 - 113.1		0.731	0.900	
115	233779	115.05	114.9 - 115.1		0.737	0.900	
206	38175	205.95	205.9 - 206.1		0.775	0.900	
207	34191	206.95	206.9 - 207.1		0.778	0.900	
208	82172	207.95	207.9 - 208.1		0.777	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.9	V	Deflect	13.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12285	1.39	
89	3478	1.13	
205	15478	1.14	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12037	12455	12411	12330	12192
89	3428	3510	3483	3520	3449
205	15284	15717	15596	15439	15357

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.9	V	Deflect	1.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:11:05	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.31	-0.67	-0.64	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.09	-0.26	0.35	0.00	N/A	ppb
Boron	11-1	-0.01	0.02	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.05	0.02	0.00	N/A	ppb
Cadmium	106-1	0.33	-0.73	0.40	0.00	N/A	ppb
Cadmium	108-1	-0.03	-0.03	0.06	0.00	N/A	ppb
Calcium	43-1	5.60	3.55	-9.15	0.00	N/A	ppb
Calcium	44-1	2.61	1.23	-3.84	0.00	N/A	ppb
Chromium	52-2	0.00	-0.03	0.03	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.01	-0.01	0.03	0.00	N/A	ppb
Iron	57-2	0.16	0.99	-1.15	0.00	N/A	ppb
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.03	-0.78	0.75	0.00	N/A	ppb
Manganese	55-2	0.04	-0.07	0.03	0.00	N/A	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:11:05	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00	N/A	ppb
Phosphorus	31-2	2.02	27.85	-23.42	2.15	1193.52	ppb
Potassium	39-2	-8.56	4.28	4.28	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.16	0.32	0.00	N/A	ppb
Selenium	82-1	0.41	-0.64	0.23	0.00	N/A	ppb
Silicon	28-1	-0.43	-0.89	1.33	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	1.31	-0.31	-1.00	0.00	N/A	ppb
Strontium	86-1	0.03	-0.08	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-104.51	-28.29	-29.67	-54.16		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.02	0.02	0.00	N/A	ppb
Titanium	47-1	-0.04	0.03	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.01	0.01	-0.02	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:11:05	DataFile Name :	003CALB.d

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

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:18:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.13	17.30	21.43	20.29	12.87	ppb
Antimony	121-1	1.85	1.95	1.96	1.92	3.19	ppb
Arsenic	75-2	0.90	0.65	1.02	0.86	21.77	ppb
Barium	135-1	9.25	9.60	9.09	9.31	2.82	ppb
Barium	137-1	9.22	9.72	9.26	9.40	2.97	ppb
Beryllium	9-1	0.87	0.97	0.81	0.88	8.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.02	23.56	20.65	22.07	6.59	ppb
Boron	11-1	21.21	22.67	21.00	21.62	4.20	ppb
Cadmium	111-1	0.99	0.87	0.92	0.93	6.76	ppb
Cadmium	106-1	1.14	0.34	0.77	0.75	53.67	ppb
Cadmium	108-1	1.33	1.30	1.24	1.29	3.53	ppb
Calcium	43-1	432.81	439.15	412.75	428.24	3.22	ppb
Calcium	44-1	429.05	451.98	432.81	437.95	2.81	ppb
Chromium	52-2	1.96	1.94	1.86	1.92	2.58	ppb
Cobalt	59-2	0.90	0.86	0.87	0.88	2.47	ppb
Copper	63-2	2.00	2.05	2.11	2.05	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.28	45.10	46.51	45.97	1.65	ppb
Iron	57-2	50.12	51.88	45.43	49.15	6.78	ppb
Lead	206-1	1.02	1.07	0.96	1.02	5.62	ppb
Lead	207-1	1.02	0.99	0.96	0.99	3.41	ppb
Lead	208-1	1.03	1.05	1.00	1.02	2.39	ppb
Lithium	6-1						%
Magnesium	24-2	444.23	445.74	452.56	447.51	0.99	ppb
Manganese	55-2	1.03	0.97	1.38	1.13	19.73	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:18:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.98	2.10	1.98	2.02	3.31	ppb
Molybdenum	95-1	4.20	4.47	4.24	4.30	3.41	ppb
Molybdenum	96-1	3.71	3.84	3.70	3.75	2.08	ppb
Molybdenum	97-1	4.27	4.46	4.25	4.33	2.74	ppb
Molybdenum	98-1	4.29	4.50	4.39	4.39	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.96	0.97	0.96	1.80	ppb
Phosphorus	31-2	40.97	-10.66	-36.74	-2.15		ppb
Potassium	39-2	456.48	460.14	479.43	465.35	2.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.98	0.00	3.01	2.00	86.61	ppb
Selenium	78-2	4.02	5.05	5.49	4.85	15.47	ppb
Selenium	82-1	4.70	5.19	5.21	5.04	5.77	ppb
Silicon	28-1	8.30	13.74	9.45	10.50	27.29	ppb
Silver	109-1	1.26	1.28	1.22	1.25	2.34	ppb
Silver	107-1	1.25	1.32	1.29	1.29	2.72	ppb
Sodium	23-2	467.19	475.06	472.91	471.72	0.86	ppb
Strontium	86-1	0.88	0.98	1.02	0.96	7.41	ppb
Strontium	88-1	0.91	0.96	0.89	0.92	3.92	ppb
Sulfur	34-1	-78.54	331.67	-90.66	54.16	443.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.90	0.96	0.90	0.92	3.57	ppb
Thallium	205-1	0.89	0.96	0.93	0.92	3.78	ppb
Tin	118-1	4.67	4.71	4.71	4.69	0.49	ppb
Titanium	47-1	4.46	4.41	4.52	4.47	1.26	ppb
Uranium	238-1	0.89	0.93	0.87	0.90	3.36	ppb
Vanadium	51-2	4.76	4.62	4.41	4.59	3.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.18	1.89	1.77	1.95	10.92	ppb
Zirconium	90-1	0.87	0.98	0.87	0.90	7.42	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:18:12	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.90	0.90	0.89	0.85	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:21:40	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	963.52	1009.75	1000.17	991.15	2.46	ppb
Antimony	121-1	51.90	54.23	52.64	52.92	2.25	ppb
Arsenic	75-2	52.02	50.75	48.55	50.44	3.49	ppb
Barium	135-1	259.63	267.96	258.10	261.90	2.03	ppb
Barium	137-1	256.44	268.97	259.50	261.63	2.50	ppb
Beryllium	9-1	50.05	51.76	51.15	50.99	1.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.29	51.59	49.60	49.82	3.34	ppb
Boron	11-1	47.28	49.99	51.34	49.53	4.17	ppb
Cadmium	111-1	52.91	55.45	54.03	54.13	2.36	ppb
Cadmium	106-1	57.30	56.00	53.93	55.74	3.05	ppb
Cadmium	108-1	53.40	57.35	57.09	55.95	3.95	ppb
Calcium	43-1	4936.05	4980.36	5032.80	4983.07	0.97	ppb
Calcium	44-1	5012.32	5157.91	5058.28	5076.17	1.47	ppb
Chromium	52-2	51.22	50.61	51.55	51.13	0.93	ppb
Cobalt	59-2	50.61	50.28	51.36	50.75	1.09	ppb
Copper	63-2	102.20	101.28	103.16	102.22	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2631.53	2623.34	2667.12	2640.66	0.88	ppb
Iron	57-2	2690.11	2639.99	2660.65	2663.58	0.95	ppb
Lead	206-1	48.97	49.47	49.51	49.32	0.61	ppb
Lead	207-1	48.77	49.56	48.77	49.03	0.93	ppb
Lead	208-1	48.84	49.55	48.96	49.12	0.78	ppb
Lithium	6-1						%
Magnesium	24-2	5094.11	5156.52	5164.10	5138.24	0.75	ppb
Manganese	55-2	105.11	105.30	104.42	104.94	0.44	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:21:40	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.81	50.42	50.09	49.77	1.71	ppb
Molybdenum	95-1	48.54	51.00	50.20	49.91	2.51	ppb
Molybdenum	96-1	48.79	50.24	49.91	49.65	1.53	ppb
Molybdenum	97-1	48.87	50.18	49.21	49.42	1.38	ppb
Molybdenum	98-1	49.24	50.32	49.64	49.73	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.78	51.49	53.17	52.15	1.72	ppb
Phosphorus	31-2	906.36	947.17	1020.18	957.90	6.02	ppb
Potassium	39-2	2582.38	2488.60	2638.39	2569.79	2.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	50.73	56.26	74.54	60.51	20.60	ppb
Selenium	78-2	53.43	52.09	52.45	52.66	1.31	ppb
Selenium	82-1	50.71	53.60	51.89	52.07	2.80	ppb
Silicon	28-1	64.74	68.81	69.15	67.57	3.63	ppb
Silver	109-1	53.88	55.75	54.96	54.86	1.72	ppb
Silver	107-1	54.23	55.58	54.84	54.88	1.23	ppb
Sodium	23-2	5245.70	5131.36	5263.25	5213.43	1.37	ppb
Strontium	86-1	50.57	51.70	50.71	50.99	1.21	ppb
Strontium	88-1	49.95	51.70	51.36	51.01	1.82	ppb
Sulfur	34-1	1480.87	1729.83	1610.84	1607.18	7.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.41	50.05	48.94	49.47	1.13	ppb
Thallium	205-1	50.06	50.40	49.77	50.08	0.63	ppb
Tin	118-1	51.96	54.13	53.17	53.09	2.05	ppb
Titanium	47-1	49.38	51.47	50.03	50.29	2.13	ppb
Uranium	238-1	47.68	49.19	47.61	48.16	1.86	ppb
Vanadium	51-2	50.89	50.66	51.29	50.95	0.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	103.76	102.19	103.66	103.20	0.85	ppb
Zirconium	90-1	50.03	51.83	50.59	50.82	1.81	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:21:40	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.39	51.15	49.60	50.05	1.91	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:25:12	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2470.39	2496.82	2486.74	2484.65	0.54	ppb
Antimony	121-1	131.29	131.92	133.08	132.10	0.69	ppb
Arsenic	75-2	125.04	125.64	125.07	125.25	0.27	ppb
Barium	135-1	636.20	647.19	657.63	647.01	1.66	ppb
Barium	137-1	636.20	647.94	659.68	647.94	1.81	ppb
Beryllium	9-1	125.14	123.32	124.31	124.25	0.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	118.21	121.54	127.32	122.36	3.77	ppb
Boron	11-1	123.14	121.48	124.27	122.96	1.14	ppb
Cadmium	111-1	131.87	134.23	136.21	134.10	1.62	ppb
Cadmium	106-1	126.51	139.60	136.35	134.15	5.08	ppb
Cadmium	108-1	133.98	134.14	136.84	134.99	1.19	ppb
Calcium	43-1	12361.29	12211.48	12404.20	12325.66	0.82	ppb
Calcium	44-1	12516.31	12141.06	12302.48	12319.95	1.53	ppb
Chromium	52-2	128.96	127.03	125.63	127.20	1.31	ppb
Cobalt	59-2	126.85	125.46	123.71	125.34	1.25	ppb
Copper	63-2	253.05	254.31	250.87	252.74	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6504.63	6465.82	6412.93	6461.13	0.71	ppb
Iron	57-2	6603.45	6579.54	6422.86	6535.28	1.50	ppb
Lead	206-1	123.64	120.44	123.53	122.54	1.48	ppb
Lead	207-1	123.12	118.74	121.25	121.04	1.82	ppb
Lead	208-1	122.96	119.96	122.24	121.72	1.29	ppb
Lithium	6-1						%
Magnesium	24-2	12804.77	12788.33	12533.67	12708.92	1.20	ppb
Manganese	55-2	262.80	257.00	255.09	258.30	1.56	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:25:12	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	122.60	122.47	123.09	122.72	0.27	ppb
Molybdenum	95-1	121.41	120.86	123.01	121.76	0.92	ppb
Molybdenum	96-1	121.16	122.52	122.20	121.96	0.58	ppb
Molybdenum	97-1	121.32	120.54	121.55	121.14	0.44	ppb
Molybdenum	98-1	121.18	122.26	120.66	121.37	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.01	128.74	126.42	128.06	1.11	ppb
Phosphorus	31-2	2596.62	2881.55	2494.89	2657.69	7.54	ppb
Potassium	39-2	6532.88	6454.08	6297.51	6428.16	1.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	108.95	111.92	132.59	117.82	10.93	ppb
Selenium	78-2	123.07	128.17	125.46	125.57	2.03	ppb
Selenium	82-1	127.67	125.96	128.37	127.33	0.98	ppb
Silicon	28-1	129.97	124.18	138.03	130.72	5.32	ppb
Silver	109-1	134.24	134.62	137.94	135.60	1.50	ppb
Silver	107-1	133.36	135.81	136.39	135.19	1.19	ppb
Sodium	23-2	13071.66	13244.91	12828.41	13048.33	1.60	ppb
Strontium	86-1	124.40	122.73	124.37	123.84	0.77	ppb
Strontium	88-1	124.72	124.57	124.56	124.61	0.07	ppb
Sulfur	34-1	3425.00	3052.41	3239.97	3239.12	5.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	124.09	120.58	122.92	122.53	1.46	ppb
Thallium	205-1	124.85	122.72	123.66	123.74	0.86	ppb
Tin	118-1	132.14	133.02	132.98	132.72	0.37	ppb
Titanium	47-1	123.92	123.52	124.00	123.81	0.21	ppb
Uranium	238-1	122.67	121.54	122.28	122.16	0.47	ppb
Vanadium	51-2	126.21	126.03	123.07	125.10	1.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	258.68	259.52	257.96	258.72	0.30	ppb
Zirconium	90-1	125.78	125.22	126.02	125.67	0.33	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:25:12	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	121.74	120.53	123.42	121.89	1.19	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:28:35	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4966.85	5039.18	5249.44	5085.16	2.89	ppb
Antimony	121-1	260.66	258.87	264.58	261.37	1.12	ppb
Arsenic	75-2	249.14	253.92	265.93	256.33	3.37	ppb
Barium	135-1	1292.10	1285.81	1313.12	1297.01	1.10	ppb
Barium	137-1	1281.01	1271.72	1306.71	1286.48	1.41	ppb
Beryllium	9-1	245.94	244.32	247.95	246.07	0.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	244.92	244.99	254.18	248.03	2.15	ppb
Boron	11-1	238.03	241.59	247.14	242.25	1.90	ppb
Cadmium	111-1	261.39	255.81	260.62	259.27	1.17	ppb
Cadmium	106-1	264.48	261.17	268.77	264.81	1.44	ppb
Cadmium	108-1	254.02	258.89	261.49	258.13	1.47	ppb
Calcium	43-1	24385.99	24322.18	24614.07	24440.75	0.63	ppb
Calcium	44-1	24471.29	24245.59	24472.42	24396.43	0.54	ppb
Chromium	52-2	253.31	259.02	268.46	260.26	2.94	ppb
Cobalt	59-2	251.37	256.36	264.52	257.41	2.58	ppb
Copper	63-2	503.43	514.26	531.34	516.34	2.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12793.13	13048.31	13473.95	13105.13	2.62	ppb
Iron	57-2	13160.06	13270.71	13885.88	13438.88	2.91	ppb
Lead	206-1	241.28	244.69	246.10	244.02	1.02	ppb
Lead	207-1	239.46	241.04	244.58	241.69	1.08	ppb
Lead	208-1	245.17	244.71	247.77	245.88	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	25456.30	25902.78	26969.27	26109.45	2.98	ppb
Manganese	55-2	513.72	519.62	542.41	525.25	2.89	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:28:35	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	251.32	247.13	250.91	249.79	0.92	ppb
Molybdenum	95-1	240.96	241.85	244.67	242.49	0.80	ppb
Molybdenum	96-1	246.83	244.02	248.80	246.55	0.97	ppb
Molybdenum	97-1	241.67	242.82	242.89	242.46	0.28	ppb
Molybdenum	98-1	252.19	245.74	248.64	248.86	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.72	260.30	268.15	261.39	2.40	ppb
Phosphorus	31-2	5225.58	5163.41	4833.55	5074.18	4.15	ppb
Potassium	39-2	12784.31	12860.11	13281.48	12975.30	2.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	209.28	271.01	300.67	260.32	17.91	ppb
Selenium	78-2	241.52	242.98	262.24	248.91	4.65	ppb
Selenium	82-1	251.83	250.83	255.27	252.65	0.92	ppb
Silicon	28-1	255.53	255.50	252.80	254.61	0.62	ppb
Silver	109-1	270.78	267.75	267.30	268.61	0.71	ppb
Silver	107-1	269.73	264.97	270.74	268.48	1.15	ppb
Sodium	23-2	25790.40	26347.13	27066.45	26401.33	2.42	ppb
Strontium	86-1	244.90	246.45	247.49	246.28	0.53	ppb
Strontium	88-1	248.05	245.64	246.88	246.86	0.49	ppb
Sulfur	34-1	6199.50	6376.78	6358.73	6311.67	1.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	242.62	243.60	247.21	244.48	0.99	ppb
Thallium	205-1	245.80	250.44	250.96	249.07	1.14	ppb
Tin	118-1	262.72	259.96	262.97	261.88	0.64	ppb
Titanium	47-1	247.59	246.04	247.86	247.16	0.40	ppb
Uranium	238-1	241.74	239.27	245.18	242.07	1.23	ppb
Vanadium	51-2	250.33	257.26	263.81	257.13	2.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	514.58	516.68	536.51	522.59	2.32	ppb
Zirconium	90-1	246.94	248.11	249.64	248.23	0.55	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:28:35	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	243.44	242.87	247.45	244.59	1.02	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:31:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9822.99	9844.35	9726.83	9798.06	0.64	ppb
Antimony	121-1	515.05	510.35	509.09	511.49	0.61	ppb
Arsenic	75-2	504.62	500.87	501.93	502.48	0.38	ppb
Barium	135-1	2546.94	2543.62	2543.64	2544.73	0.08	ppb
Barium	137-1	2523.33	2499.18	2509.31	2510.60	0.48	ppb
Beryllium	9-1	492.36	492.02	484.90	489.76	0.86	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	475.73	494.16	483.53	484.48	1.91	ppb
Boron	11-1	481.80	489.52	489.44	486.92	0.91	ppb
Cadmium	111-1	509.86	505.06	508.35	507.76	0.48	ppb
Cadmium	106-1	512.24	507.47	508.34	509.35	0.50	ppb
Cadmium	108-1	518.94	508.81	503.03	510.26	1.58	ppb
Calcium	43-1	49113.48	49121.01	48993.72	49076.07	0.15	ppb
Calcium	44-1	49040.83	48851.34	48640.15	48844.11	0.41	ppb
Chromium	52-2	502.17	514.85	495.18	504.07	1.98	ppb
Cobalt	59-2	493.31	508.74	491.20	497.75	1.92	ppb
Copper	63-2	1011.90	1019.57	1000.47	1010.65	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25388.41	25663.29	25139.18	25396.96	1.03	ppb
Iron	57-2	25659.30	26464.71	25514.66	25879.56	1.98	ppb
Lead	206-1	508.76	495.82	497.83	500.80	1.39	ppb
Lead	207-1	500.05	485.04	499.23	494.77	1.71	ppb
Lead	208-1	500.51	493.17	500.22	497.97	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	51244.97	51725.86	50043.68	51004.84	1.70	ppb
Manganese	55-2	1011.11	1026.78	1000.97	1012.95	1.28	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:31:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	495.82	507.92	503.20	502.31	1.21	ppb
Molybdenum	95-1	498.54	511.44	496.20	502.06	1.63	ppb
Molybdenum	96-1	501.03	511.12	499.11	503.75	1.28	ppb
Molybdenum	97-1	492.82	497.73	499.44	496.66	0.69	ppb
Molybdenum	98-1	495.72	499.47	498.26	497.81	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.66	514.53	499.31	505.50	1.58	ppb
Phosphorus	31-2	10036.95	10147.70	9955.32	10046.66	0.96	ppb
Potassium	39-2	24740.48	25266.79	24633.01	24880.10	1.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	444.06	547.54	519.63	503.74	10.63	ppb
Selenium	78-2	506.08	504.95	515.10	508.71	1.09	ppb
Selenium	82-1	497.42	501.77	498.97	499.38	0.44	ppb
Silicon	28-1	512.35	510.72	508.60	510.56	0.37	ppb
Silver	109-1	517.86	513.94	510.40	514.07	0.73	ppb
Silver	107-1	514.34	514.32	512.24	513.63	0.24	ppb
Sodium	23-2	50829.72	51694.36	49739.46	50754.52	1.93	ppb
Strontium	86-1	502.68	497.67	498.15	499.50	0.55	ppb
Strontium	88-1	496.54	500.33	495.34	497.40	0.52	ppb
Sulfur	34-1	12238.12	12112.77	11963.20	12104.70	1.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	509.62	485.74	498.93	498.10	2.40	ppb
Thallium	205-1	501.72	488.02	495.61	495.12	1.39	ppb
Tin	118-1	508.90	512.85	509.99	510.58	0.40	ppb
Titanium	47-1	494.43	491.00	489.97	491.80	0.47	ppb
Uranium	238-1	492.63	490.02	486.67	489.77	0.61	ppb
Vanadium	51-2	499.18	510.26	493.12	500.85	1.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1010.05	1030.36	995.09	1011.83	1.75	ppb
Zirconium	90-1	497.73	501.11	492.64	497.16	0.86	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:31:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.50	505.71	502.03	503.41	0.40	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:35:04	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19354.95	19084.72	19672.86	19370.84	1.52	ppb
Antimony	121-1	982.97	977.98	1010.18	990.38	1.75	ppb
Arsenic	75-2	998.75	992.13	1000.49	997.13	0.44	ppb
Barium	135-1	4928.15	4946.18	5013.28	4962.54	0.90	ppb
Barium	137-1	4932.87	4963.66	5049.86	4982.13	1.22	ppb
Beryllium	9-1	987.37	1010.55	1020.52	1006.15	1.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	982.80	1011.55	1031.66	1008.67	2.43	ppb
Boron	11-1	987.38	1002.52	1036.61	1008.84	2.50	ppb
Cadmium	111-1	997.13	977.53	1002.72	992.46	1.33	ppb
Cadmium	106-1	982.53	982.17	1005.88	990.19	1.37	ppb
Cadmium	108-1	991.68	968.10	1014.09	991.29	2.32	ppb
Calcium	43-1	99595.66	98250.49	100786.91	99544.35	1.27	ppb
Calcium	44-1	97776.64	96586.88	100067.55	98143.69	1.80	ppb
Chromium	52-2	989.04	993.51	1002.65	995.07	0.70	ppb
Cobalt	59-2	992.25	1008.38	996.93	999.19	0.83	ppb
Copper	63-2	1994.59	1978.16	1997.66	1990.14	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50085.19	50630.82	50512.30	50409.44	0.57	ppb
Iron	57-2	50825.91	51314.65	51327.68	51156.08	0.56	ppb
Lead	206-1	991.15	995.59	1017.57	1001.44	1.41	ppb
Lead	207-1	995.91	994.41	1025.38	1005.23	1.74	ppb
Lead	208-1	985.61	996.98	1024.91	1002.50	2.02	ppb
Lithium	6-1						%
Magnesium	24-2	98803.71	99623.30	99495.39	99307.47	0.44	ppb
Manganese	55-2	1972.04	1983.09	2002.66	1985.93	0.78	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:35:04	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	984.73	991.86	1021.03	999.21	1.92	ppb
Molybdenum	95-1	993.84	989.23	1020.71	1001.26	1.70	ppb
Molybdenum	96-1	986.29	987.08	1024.80	999.39	2.20	ppb
Molybdenum	97-1	982.54	1005.66	1024.00	1004.07	2.07	ppb
Molybdenum	98-1	990.16	999.25	1016.14	1001.85	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.18	994.56	1001.00	993.91	0.75	ppb
Phosphorus	31-2	20793.53	19429.06	19598.97	19940.52	3.73	ppb
Potassium	39-2	49316.06	49437.97	48655.63	49136.56	0.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	951.20	995.36	1041.25	995.94	4.52	ppb
Selenium	78-2	991.61	1011.13	984.40	995.71	1.39	ppb
Selenium	82-1	987.42	988.91	1021.43	999.25	1.92	ppb
Silicon	28-1	978.49	980.51	1016.91	991.97	2.18	ppb
Silver	109-1	985.15	972.07	1003.01	986.75	1.57	ppb
Silver	107-1	988.06	973.73	999.34	987.05	1.30	ppb
Sodium	23-2	99443.56	99156.86	101057.87	99886.10	1.03	ppb
Strontium	86-1	988.84	987.91	1027.07	1001.28	2.23	ppb
Strontium	88-1	993.60	986.21	1026.44	1002.08	2.14	ppb
Sulfur	34-1	18869.44	17545.83	19075.69	18496.99	4.49	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	985.94	1001.82	1020.25	1002.67	1.71	ppb
Thallium	205-1	988.26	999.91	1020.31	1002.83	1.62	ppb
Tin	118-1	982.17	982.55	1007.16	990.62	1.45	ppb
Titanium	47-1	1015.71	988.12	1011.01	1004.95	1.47	ppb
Uranium	238-1	1001.69	993.62	1027.33	1007.54	1.75	ppb
Vanadium	51-2	992.10	995.89	1005.20	997.73	0.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1978.52	1990.29	1992.74	1987.19	0.38	ppb
Zirconium	90-1	991.10	992.86	1021.26	1001.74	1.69	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:35:04	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	996.80	983.54	1019.76	1000.03	1.83	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 15:38:11 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100492.52	99430.79	100503.41	100142.24	0.62	ppb
Antimony	121-1	2.61	2.50	2.56	2.56	2.15	ppb
Arsenic	75-2	0.70	0.53	0.51	0.58	17.61	ppb
Barium	135-1	2.97	2.82	2.76	2.85	3.83	ppb
Barium	137-1	3.00	2.82	2.82	2.88	3.62	ppb
Beryllium	9-1	0.34	0.30	0.31	0.32	7.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	38.73	34.28	33.62	35.54	7.81	ppb
Boron	11-1	39.34	36.56	34.25	36.72	6.94	ppb
Cadmium	111-1	0.26	0.17	0.24	0.23	20.75	ppb
Cadmium	106-1	-0.30	-0.19	-0.32	-0.27		ppb
Cadmium	108-1	0.20	0.33	0.28	0.27	24.40	ppb
Calcium	43-1	498300.75	502753.32	499594.18	500216.08	0.46	ppb
Calcium	44-1	500345.47	499874.53	501342.49	500520.83	0.15	ppb
Chromium	52-2	30.45	30.06	29.74	30.09	1.18	ppb
Cobalt	59-2	1.69	1.61	1.72	1.67	3.59	ppb
Copper	63-2	4.70	4.72	4.59	4.67	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	251300.29	247076.39	251147.76	249841.48	0.96	ppb
Iron	57-2	250675.54	249488.48	248711.32	249625.12	0.40	ppb
Lead	206-1	2.35	2.22	2.24	2.27	3.00	ppb
Lead	207-1	2.11	2.06	2.10	2.09	1.29	ppb
Lead	208-1	2.18	2.17	2.22	2.19	1.38	ppb
Lithium	6-1						%
Magnesium	24-2	500754.31	499558.63	499615.05	499976.00	0.13	ppb
Manganese	55-2	11.64	11.33	11.65	11.54	1.58	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:38:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.72	1.80	1.79	1.77	2.31	ppb
Molybdenum	95-1	4.84	4.73	4.72	4.76	1.41	ppb
Molybdenum	96-1	4.26	4.49	4.61	4.45	4.05	ppb
Molybdenum	97-1	4.81	4.44	4.65	4.63	3.99	ppb
Molybdenum	98-1	4.72	4.74	4.70	4.72	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.98	16.90	17.24	17.04	1.04	ppb
Phosphorus	31-2	28.23	-10.85	-36.74	-6.46		ppb
Potassium	39-2	251112.03	249249.38	250106.08	250155.83	0.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.94	0.00	0.98	173.21	ppb
Selenium	78-2	0.76	1.21	-0.63	0.45	214.62	ppb
Selenium	82-1	2.72	1.00	2.15	1.96	44.74	ppb
Silicon	28-1	1.52	8.39	1.44	3.78	105.47	ppb
Silver	109-1	0.24	0.23	0.23	0.23	3.24	ppb
Silver	107-1	0.24	0.22	0.22	0.23	6.05	ppb
Sodium	23-2	500577.43	499882.26	499124.65	499861.45	0.15	ppb
Strontium	86-1	33.50	34.79	34.78	34.36	2.16	ppb
Strontium	88-1	34.08	34.78	34.79	34.55	1.18	ppb
Sulfur	34-1	-485.22	-512.14	-529.76	-509.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.68	0.66	0.68	0.67	1.93	ppb
Thallium	205-1	0.70	0.71	0.67	0.69	2.93	ppb
Tin	118-1	1.38	1.28	1.33	1.33	3.78	ppb
Titanium	47-1	1.30	2.22	1.59	1.70	27.76	ppb
Uranium	238-1	0.30	0.29	0.30	0.30	2.65	ppb
Vanadium	51-2	0.60	0.59	0.69	0.63	9.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.11	33.94	33.22	33.42	1.35	ppb
Zirconium	90-1	0.39	0.38	0.34	0.37	6.84	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:38:11	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.35	0.38	0.35	0.36	4.16	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:47:49	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	498.69	501.25	544.00	514.65	4.95	ppb
Antimony	121-1	201.35	206.03	204.79	204.06	1.19	ppb
Arsenic	75-2	199.28	196.71	193.86	196.62	1.38	ppb
Barium	135-1	101.74	101.64	101.61	101.66	0.07	ppb
Barium	137-1	101.31	100.91	102.47	101.56	0.79	ppb
Beryllium	9-1	93.93	92.79	92.05	92.92	1.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	501.12	492.91	506.63	500.22	1.38	ppb
Boron	11-1	499.82	506.56	504.39	503.59	0.68	ppb
Cadmium	111-1	104.02	104.84	106.41	105.09	1.15	ppb
Cadmium	106-1	147.26	153.85	158.68	153.26	3.74	ppb
Cadmium	108-1	131.02	131.49	133.91	132.14	1.17	ppb
Calcium	43-1	2068.02	2043.92	2015.26	2042.40	1.29	ppb
Calcium	44-1	2039.40	2011.54	2034.30	2028.41	0.73	ppb
Chromium	52-2	97.15	93.38	94.69	95.07	2.01	ppb
Cobalt	59-2	98.99	97.10	96.03	97.38	1.54	ppb
Copper	63-2	98.64	98.03	96.87	97.85	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1012.76	987.21	983.08	994.35	1.62	ppb
Iron	57-2	996.94	972.12	966.26	978.44	1.66	ppb
Lead	206-1	192.48	194.22	197.70	194.80	1.37	ppb
Lead	207-1	185.14	184.16	189.10	186.13	1.41	ppb
Lead	208-1	191.74	190.75	194.43	192.31	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	1207.74	1191.03	1180.93	1193.23	1.13	ppb
Manganese	55-2	99.14	96.15	99.67	98.32	1.93	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:47:49	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	470.47	473.02	479.78	474.42	1.01	ppb
Molybdenum	95-1	457.08	456.30	466.90	460.09	1.28	ppb
Molybdenum	96-1	454.96	464.65	471.19	463.60	1.76	ppb
Molybdenum	97-1	442.34	449.42	458.02	449.93	1.75	ppb
Molybdenum	98-1	454.69	458.09	467.75	460.18	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.39	98.38	96.64	98.47	1.90	ppb
Phosphorus	31-2	13.44	-36.74	-24.37	-15.89		ppb
Potassium	39-2	1975.03	1965.18	1926.29	1955.50	1.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	161.69	209.73	224.22	198.55	16.48	ppb
Selenium	78-2	193.59	199.55	202.66	198.60	2.32	ppb
Selenium	82-1	192.79	198.16	199.20	196.72	1.75	ppb
Silicon	28-1	430.24	425.62	429.48	428.44	0.58	ppb
Silver	109-1	103.00	104.27	105.99	104.42	1.44	ppb
Silver	107-1	103.32	104.35	106.79	104.82	1.70	ppb
Sodium	23-2	2049.15	2023.31	2000.93	2024.46	1.19	ppb
Strontium	86-1	468.93	468.90	475.01	470.95	0.75	ppb
Strontium	88-1	463.76	469.10	474.94	469.26	1.19	ppb
Sulfur	34-1	-1165.03	-1460.37	-1204.72	-1276.71		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	197.35	197.16	199.49	198.00	0.65	ppb
Thallium	205-1	203.88	203.97	206.30	204.71	0.67	ppb
Tin	118-1	486.62	501.36	502.33	496.77	1.77	ppb
Titanium	47-1	457.21	457.73	465.62	460.19	1.02	ppb
Uranium	238-1	433.63	440.86	444.40	439.63	1.25	ppb
Vanadium	51-2	96.61	95.40	93.97	95.33	1.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	202.82	197.30	196.43	198.85	1.74	ppb
Zirconium	90-1	473.99	474.51	483.03	477.18	1.06	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:47:49	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	472.95	471.53	486.50	476.99	1.73	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 15:50:53 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.69	-1.66	2.23	-0.04		ppb
Antimony	121-1	0.18	0.19	0.16	0.18	8.20	ppb
Arsenic	75-2	0.00	0.03	0.00	0.01	295.56	ppb
Barium	135-1	-0.02	-0.02	0.00	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.03	0.07	0.04	46.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.56	13.57	12.96	13.70	5.88	ppb
Boron	11-1	13.83	13.55	13.35	13.58	1.77	ppb
Cadmium	111-1	-0.01	-0.07	0.04	-0.01		ppb
Cadmium	106-1	0.03	-0.94	0.49	-0.14		ppb
Cadmium	108-1	0.03	0.03	0.00	0.02	102.99	ppb
Calcium	43-1	-17.58	-18.63	-16.64	-17.61		ppb
Calcium	44-1	18.08	10.89	16.48	15.15	24.90	ppb
Chromium	52-2	-0.02	0.02	0.02	0.01	369.68	ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	743.68	ppb
Copper	63-2	0.00	0.01	-0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.36	1.27	0.44	0.69	73.37	ppb
Iron	57-2	-1.00	1.53	0.10	0.21	608.59	ppb
Lead	206-1	0.09	0.08	0.07	0.08	12.71	ppb
Lead	207-1	0.07	0.08	0.07	0.07	10.82	ppb
Lead	208-1	0.07	0.08	0.07	0.07	7.65	ppb
Lithium	6-1						%
Magnesium	24-2	-0.41	-0.79	1.39	0.06	1813.07	ppb
Manganese	55-2	0.00	0.02	0.03	0.02	96.31	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 15:50:53 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.04	0.04	9.65	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	43.63	ppb
Molybdenum	96-1	0.05	0.05	0.03	0.04	34.64	ppb
Molybdenum	97-1	0.04	0.04	0.02	0.03	30.21	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	26.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	0.03	0.00		ppb
Phosphorus	31-2	-24.04	-11.00	-24.04	-19.70		ppb
Potassium	39-2	11.37	11.83	-5.89	5.77	175.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.17	-0.63	0.29	-0.17		ppb
Selenium	82-1	-0.23	-0.01	-0.36	-0.20		ppb
Silicon	28-1	-14.84	-1.86	-12.49	-9.73		ppb
Silver	109-1	0.01	0.01	0.02	0.01	39.71	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.74	ppb
Sodium	23-2	31.74	38.18	30.75	33.56	12.02	ppb
Strontium	86-1	-0.09	-0.03	0.00	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1152.76	-1130.31	-1165.46	-1149.51		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.05	0.04	0.05	12.42	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	11.47	ppb
Tin	118-1	0.09	0.06	0.11	0.09	25.68	ppb
Titanium	47-1	0.01	0.03	0.02	0.02	32.64	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	94.27	ppb
Vanadium	51-2	0.00	0.03	0.01	0.01	139.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.20	0.30	0.13	0.21	40.25	ppb
Zirconium	90-1	0.06	0.05	0.07	0.06	11.90	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:50:53	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.06	0.06	0.05	23.80	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 15:54:03 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92197.54	90408.06	90656.61	91087.41	1.06	ppb
Antimony	121-1	1.26	1.24	1.20	1.24	2.61	ppb
Arsenic	75-2	0.28	0.23	0.31	0.27	14.47	ppb
Barium	135-1	1.48	1.53	1.30	1.44	8.29	ppb
Barium	137-1	1.55	1.41	1.46	1.48	4.86	ppb
Beryllium	9-1	0.33	0.30	0.30	0.31	5.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.72	12.24	12.70	12.22	4.01	ppb
Boron	11-1	13.23	12.59	11.56	12.46	6.76	ppb
Cadmium	111-1	0.33	0.25	0.25	0.28	16.51	ppb
Cadmium	106-1	-0.54	-0.77	-0.61	-0.64		ppb
Cadmium	108-1	7.24	7.11	7.53	7.29	2.95	ppb
Calcium	43-1	97378.88	93248.23	95026.03	95217.71	2.18	ppb
Calcium	44-1	96629.75	93711.05	94362.81	94901.20	1.61	ppb
Chromium	52-2	20.29	19.86	20.26	20.14	1.21	ppb
Cobalt	59-2	1.10	1.09	1.15	1.12	2.94	ppb
Copper	63-2	7.85	7.46	7.65	7.65	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99232.13	98690.62	99046.82	98989.86	0.28	ppb
Iron	57-2	101445.12	99163.19	100947.35	100518.55	1.19	ppb
Lead	206-1	4.74	4.55	4.71	4.67	2.24	ppb
Lead	207-1	3.97	3.90	3.83	3.90	1.78	ppb
Lead	208-1	4.29	4.12	4.17	4.19	2.04	ppb
Lithium	6-1						%
Magnesium	24-2	98171.10	96850.98	97152.28	97391.45	0.71	ppb
Manganese	55-2	7.83	7.83	7.83	7.83	0.02	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:54:03	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	611.54	589.31	591.59	597.48	2.05	ppb
Molybdenum	95-1	1890.01	1852.97	1850.86	1864.61	1.18	ppb
Molybdenum	96-1	1580.60	1549.71	1558.93	1563.08	1.01	ppb
Molybdenum	97-1	1892.09	1840.06	1862.14	1864.76	1.40	ppb
Molybdenum	98-1	1899.18	1878.57	1868.16	1881.97	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.69	5.59	5.65	5.64	0.90	ppb
Phosphorus	31-2	101218.88	98351.65	98582.89	99384.47	1.60	ppb
Potassium	39-2	101195.39	99275.01	100937.52	100469.31	1.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.30	-0.16	0.80	0.32	152.20	ppb
Selenium	82-1	0.99	0.53	1.50	1.01	48.48	ppb
Silicon	28-1	24.44	18.25	21.79	21.50	14.46	ppb
Silver	109-1	0.19	0.16	0.18	0.18	6.59	ppb
Silver	107-1	0.18	0.17	0.17	0.17	2.05	ppb
Sodium	23-2	100066.32	100079.53	100359.69	100168.51	0.17	ppb
Strontium	86-1	34.37	32.93	33.51	33.61	2.15	ppb
Strontium	88-1	33.79	33.06	33.13	33.33	1.21	ppb
Sulfur	34-1	90237.15	85347.87	85313.41	86966.15	3.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.15	0.19	0.15	0.16	13.58	ppb
Thallium	205-1	0.15	0.16	0.16	0.16	5.17	ppb
Tin	118-1	0.41	0.39	0.43	0.41	5.04	ppb
Titanium	47-1	1953.07	1867.22	1898.21	1906.16	2.28	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	12.73	ppb
Vanadium	51-2	0.17	0.13	0.16	0.15	12.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.95	11.21	11.72	11.29	3.49	ppb
Zirconium	90-1	1.35	1.13	1.04	1.18	13.53	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:54:03	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.30	1.18	1.11	1.20	8.01	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:57:06	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92206.07	89980.42	89557.45	90581.31	1.57	ppb
Antimony	121-1	20.99	20.60	20.78	20.79	0.95	ppb
Arsenic	75-2	18.95	19.19	19.46	19.20	1.34	ppb
Barium	135-1	22.22	21.65	21.39	21.75	1.97	ppb
Barium	137-1	21.84	21.45	20.86	21.39	2.30	ppb
Beryllium	9-1	20.13	19.24	19.38	19.59	2.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	64.08	62.10	64.00	63.39	1.76	ppb
Boron	11-1	62.06	63.73	61.52	62.44	1.85	ppb
Cadmium	111-1	19.82	19.94	20.06	19.94	0.61	ppb
Cadmium	106-1	22.01	22.34	22.63	22.32	1.38	ppb
Cadmium	108-1	30.54	29.36	29.26	29.72	2.39	ppb
Calcium	43-1	95079.38	95874.28	92989.99	94647.89	1.57	ppb
Calcium	44-1	95649.66	95099.08	92891.95	94546.90	1.54	ppb
Chromium	52-2	40.59	38.80	38.37	39.25	3.00	ppb
Cobalt	59-2	20.81	20.49	20.28	20.53	1.31	ppb
Copper	63-2	27.27	26.77	26.45	26.83	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	100564.56	97907.63	97190.14	98554.11	1.80	ppb
Iron	57-2	102972.89	98954.24	99831.39	100586.17	2.10	ppb
Lead	206-1	24.02	25.09	24.77	24.62	2.23	ppb
Lead	207-1	22.01	22.23	22.28	22.17	0.65	ppb
Lead	208-1	23.01	23.33	23.32	23.22	0.78	ppb
Lithium	6-1						%
Magnesium	24-2	100097.26	96355.20	95207.22	97219.89	2.63	ppb
Manganese	55-2	27.96	26.39	26.91	27.09	2.94	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:57:06	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	651.09	640.18	637.94	643.07	1.09	ppb
Molybdenum	95-1	1941.51	1894.10	1918.53	1918.05	1.24	ppb
Molybdenum	96-1	1636.30	1590.37	1599.70	1608.79	1.51	ppb
Molybdenum	97-1	1929.80	1869.37	1889.45	1896.21	1.62	ppb
Molybdenum	98-1	1937.11	1876.20	1914.03	1909.11	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.09	24.43	23.82	24.45	2.59	ppb
Phosphorus	31-2	101427.78	98560.63	98423.30	99470.57	1.71	ppb
Potassium	39-2	101696.45	99640.43	99397.90	100244.93	1.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	15.07	30.00	21.23	22.10	33.97	ppb
Selenium	78-2	17.25	12.49	30.16	19.97	45.79	ppb
Selenium	82-1	20.53	20.02	18.91	19.82	4.17	ppb
Silicon	28-1	64.46	79.27	76.45	73.39	10.71	ppb
Silver	109-1	19.49	19.12	19.27	19.29	0.98	ppb
Silver	107-1	19.50	19.14	19.33	19.33	0.92	ppb
Sodium	23-2	101786.53	98902.56	98342.35	99677.14	1.85	ppb
Strontium	86-1	83.02	82.19	81.29	82.16	1.05	ppb
Strontium	88-1	86.57	84.31	83.75	84.88	1.76	ppb
Sulfur	34-1	86823.79	85989.66	83159.27	85324.24	2.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.90	20.02	19.90	19.94	0.36	ppb
Thallium	205-1	20.00	20.20	19.99	20.06	0.60	ppb
Tin	118-1	51.43	50.64	51.07	51.05	0.78	ppb
Titanium	47-1	1960.80	1959.88	1920.20	1946.96	1.19	ppb
Uranium	238-1	48.16	48.51	49.20	48.62	1.09	ppb
Vanadium	51-2	19.42	19.13	19.21	19.25	0.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.56	30.54	29.70	30.93	4.75	ppb
Zirconium	90-1	52.41	51.33	51.40	51.71	1.17	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:57:06	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.96	50.90	51.59	51.49	1.05	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:00:10	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51546.61	49890.84	49682.84	50373.43	2.03	ppb
Antimony	121-1	509.01	523.42	522.29	518.24	1.55	ppb
Arsenic	75-2	502.01	501.29	493.35	498.88	0.96	ppb
Barium	135-1	2573.60	2646.54	2607.52	2609.22	1.40	ppb
Barium	137-1	2556.21	2572.85	2592.14	2573.73	0.70	ppb
Beryllium	9-1	491.54	503.76	497.84	497.71	1.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	486.25	514.84	507.04	502.71	2.94	ppb
Boron	11-1	490.22	511.66	507.27	503.05	2.25	ppb
Cadmium	111-1	490.69	505.26	503.09	499.68	1.57	ppb
Cadmium	106-1	493.46	512.32	504.71	503.50	1.88	ppb
Cadmium	108-1	500.04	513.25	501.48	504.92	1.44	ppb
Calcium	43-1	243266.49	244380.52	247512.77	245053.26	0.90	ppb
Calcium	44-1	245158.35	244939.13	250299.05	246798.84	1.23	ppb
Chromium	52-2	524.41	512.67	508.28	515.12	1.62	ppb
Cobalt	59-2	495.74	484.31	479.79	486.61	1.69	ppb
Copper	63-2	992.12	967.47	957.79	972.46	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124935.26	122476.39	120973.23	122794.96	1.63	ppb
Iron	57-2	128363.83	124445.98	123758.25	125522.69	1.98	ppb
Lead	206-1	499.90	508.10	510.85	506.28	1.13	ppb
Lead	207-1	502.59	508.04	507.48	506.04	0.59	ppb
Lead	208-1	502.18	506.03	513.43	507.21	1.13	ppb
Lithium	6-1						%
Magnesium	24-2	256188.17	248538.03	246045.34	250257.18	2.11	ppb
Manganese	55-2	1031.68	1014.23	1012.57	1019.50	1.04	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:00:10	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	490.25	499.22	508.59	499.35	1.84	ppb
Molybdenum	95-1	498.11	511.29	513.81	507.74	1.66	ppb
Molybdenum	96-1	493.12	501.21	518.08	504.14	2.53	ppb
Molybdenum	97-1	486.26	493.92	506.48	495.55	2.06	ppb
Molybdenum	98-1	492.91	501.43	510.52	501.62	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.88	489.67	482.85	492.80	2.40	ppb
Phosphorus	31-2	10652.34	9874.68	10664.95	10397.32	4.35	ppb
Potassium	39-2	129526.82	125959.96	125735.83	127074.20	1.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	505.31	514.36	485.12	501.60	2.98	ppb
Selenium	78-2	483.52	481.38	519.12	494.67	4.29	ppb
Selenium	82-1	487.59	494.18	499.89	493.89	1.25	ppb
Silicon	28-1	509.99	509.76	532.77	517.51	2.55	ppb
Silver	109-1	503.61	510.84	508.64	507.70	0.73	ppb
Silver	107-1	498.84	510.49	509.47	506.27	1.27	ppb
Sodium	23-2	259136.11	249770.69	247969.13	252291.98	2.38	ppb
Strontium	86-1	511.71	515.16	517.23	514.70	0.54	ppb
Strontium	88-1	513.67	512.58	514.94	513.73	0.23	ppb
Sulfur	34-1	10473.02	10447.91	11181.39	10700.78	3.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	504.94	505.90	511.04	507.29	0.65	ppb
Thallium	205-1	508.47	502.20	512.00	507.56	0.98	ppb
Tin	118-1	518.77	523.79	529.02	523.86	0.98	ppb
Titanium	47-1	494.03	487.58	505.02	495.54	1.78	ppb
Uranium	238-1	502.25	499.48	514.64	505.46	1.60	ppb
Vanadium	51-2	516.52	499.96	498.45	504.98	1.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	992.18	967.10	966.76	975.35	1.49	ppb
Zirconium	90-1	492.76	499.81	500.11	497.56	0.84	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:00:10	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.29	502.32	501.04	497.88	1.33	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB32 Instrumnet Name : P8
 Client Sample ID : CCB32 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 16:03:27 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.28	-0.68	1.35	0.99	153.55	ppb
Antimony	121-1	0.30	0.26	0.26	0.27	8.23	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.06	0.05	0.07	0.06	14.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.05	14.19	12.96	14.40	10.82	ppb
Boron	11-1	15.05	13.39	13.07	13.83	7.68	ppb
Cadmium	111-1	-0.05	-0.09	-0.03	-0.06		ppb
Cadmium	106-1	-0.73	-1.18	-0.40	-0.77		ppb
Cadmium	108-1	0.03	0.11	0.11	0.08	59.61	ppb
Calcium	43-1	-0.89	-11.16	7.62	-1.48		ppb
Calcium	44-1	27.11	30.93	29.29	29.11	6.58	ppb
Chromium	52-2	-0.02	-0.01	-0.04	-0.02		ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	640.63	ppb
Copper	63-2	0.04	0.08	0.06	0.06	31.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.94	0.91	1.15	1.00	13.20	ppb
Iron	57-2	1.53	0.69	1.34	1.19	37.37	ppb
Lead	206-1	0.07	0.07	0.08	0.07	11.57	ppb
Lead	207-1	0.06	0.04	0.04	0.05	19.48	ppb
Lead	208-1	0.05	0.05	0.06	0.05	5.45	ppb
Lithium	6-1						%
Magnesium	24-2	2.86	1.63	-0.34	1.38	116.81	ppb
Manganese	55-2	0.04	0.10	0.11	0.08	46.87	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:03:27	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.07	0.06	16.73	ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	36.00	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	4.08	ppb
Molybdenum	97-1	0.07	0.08	0.04	0.06	31.64	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.03	7.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.02	-0.01		ppb
Phosphorus	31-2	-36.74	-23.92	-10.54	-23.73		ppb
Potassium	39-2	33.18	33.89	36.66	34.58	5.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.30	0.30	-0.16	0.14	185.16	ppb
Selenium	82-1	0.97	-0.10	0.46	0.44	119.94	ppb
Silicon	28-1	-12.95	-13.73	-15.86	-14.18		ppb
Silver	109-1	0.03	0.02	0.02	0.03	23.72	ppb
Silver	107-1	0.03	0.04	0.03	0.04	14.64	ppb
Sodium	23-2	90.53	89.74	81.72	87.33	5.58	ppb
Strontium	86-1	-0.03	-0.01	-0.06	-0.03		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-1643.88	-1491.11	-1507.43	-1547.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.06	0.06	0.07	17.25	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	16.35	ppb
Tin	118-1	0.06	0.03	0.05	0.05	28.83	ppb
Titanium	47-1	-0.04	0.01	-0.05	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1980.99	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.14	0.12	0.08	0.11	27.23	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	12.05	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:03:27	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.07	0.08	10.32	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:06:35	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.45	30.25	14.61	21.44	37.35	ppb
Antimony	121-1	1.93	1.97	2.00	1.97	1.94	ppb
Arsenic	75-2	1.06	0.85	0.86	0.92	12.77	ppb
Barium	135-1	9.18	9.20	9.21	9.20	0.18	ppb
Barium	137-1	9.18	9.38	9.30	9.28	1.07	ppb
Beryllium	9-1	0.94	0.95	0.88	0.92	4.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	30.49	29.27	27.80	29.19	4.62	ppb
Boron	11-1	28.02	28.40	29.70	28.71	3.05	ppb
Cadmium	111-1	0.95	0.96	0.86	0.93	5.68	ppb
Cadmium	106-1	0.14	0.87	-0.27	0.25	234.39	ppb
Cadmium	108-1	0.79	1.05	0.96	0.93	13.81	ppb
Calcium	43-1	402.10	438.06	403.20	414.45	4.93	ppb
Calcium	44-1	448.58	445.86	452.02	448.82	0.69	ppb
Chromium	52-2	1.96	1.89	1.79	1.88	4.48	ppb
Cobalt	59-2	0.81	0.85	0.91	0.86	5.82	ppb
Copper	63-2	1.99	1.97	2.03	2.00	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.72	45.85	46.76	46.11	1.23	ppb
Iron	57-2	50.55	47.98	42.61	47.05	8.61	ppb
Lead	206-1	1.06	0.93	0.94	0.98	7.80	ppb
Lead	207-1	1.04	0.98	0.98	1.00	3.57	ppb
Lead	208-1	1.01	0.99	0.97	0.99	1.83	ppb
Lithium	6-1						%
Magnesium	24-2	457.25	453.74	455.25	455.41	0.39	ppb
Manganese	55-2	0.82	0.94	0.72	0.83	13.48	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:06:35	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	2.01	2.04	2.00	2.08	ppb
Molybdenum	95-1	4.14	4.31	4.36	4.27	2.76	ppb
Molybdenum	96-1	3.76	3.74	3.83	3.78	1.17	ppb
Molybdenum	97-1	4.25	4.36	4.19	4.27	2.07	ppb
Molybdenum	98-1	4.34	4.31	4.34	4.33	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	0.92	0.92	0.93	2.22	ppb
Phosphorus	31-2	-36.74	39.06	-11.73	-3.14		ppb
Potassium	39-2	494.34	490.52	473.14	486.00	2.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.93	11.78	5.91	6.87	65.56	ppb
Selenium	78-2	3.95	6.74	2.60	4.43	47.65	ppb
Selenium	82-1	4.80	4.58	4.82	4.73	2.81	ppb
Silicon	28-1	-3.81	-3.63	-3.76	-3.73		ppb
Silver	109-1	1.29	1.30	1.33	1.31	1.44	ppb
Silver	107-1	1.34	1.25	1.31	1.30	3.63	ppb
Sodium	23-2	523.78	525.03	511.37	520.06	1.45	ppb
Strontium	86-1	0.84	0.84	0.77	0.82	5.36	ppb
Strontium	88-1	0.92	0.91	0.93	0.92	0.99	ppb
Sulfur	34-1	-1699.00	-1488.39	-1444.41	-1543.93		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.98	0.93	0.87	0.93	5.94	ppb
Thallium	205-1	0.95	0.92	0.98	0.95	3.46	ppb
Tin	118-1	4.50	4.89	4.71	4.70	4.20	ppb
Titanium	47-1	3.88	4.37	4.06	4.10	6.00	ppb
Uranium	238-1	0.82	0.84	0.83	0.83	1.21	ppb
Vanadium	51-2	4.44	4.61	4.44	4.50	2.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.87	1.90	1.96	1.91	2.37	ppb
Zirconium	90-1	0.98	0.92	0.92	0.94	3.96	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:06:35	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.95	0.89	0.91	4.00	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BL	Instrumnet Name :	P8
Client Sample ID :	PB101045BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:09:44	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.05	1.24	0.27	1.85	106.06	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	21.54	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00		ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	30.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.97	7.06	6.26	6.76	6.51	ppb
Boron	11-1	7.67	7.23	6.89	7.26	5.36	ppb
Cadmium	111-1	-0.02	-0.05	-0.03	-0.04		ppb
Cadmium	106-1	-0.31	-0.76	-0.47	-0.51		ppb
Cadmium	108-1	0.06	-0.06	0.06	0.02	358.96	ppb
Calcium	43-1	15.16	-19.53	-15.65	-6.67		ppb
Calcium	44-1	25.93	16.98	16.41	19.77	27.00	ppb
Chromium	52-2	0.00	-0.05	-0.13	-0.06		ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	0.04	0.05	0.04	0.04	5.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.13	0.41	0.41	0.32	51.03	ppb
Iron	57-2	0.82	0.34	1.96	1.04	80.39	ppb
Lead	206-1	0.04	0.03	0.03	0.04	16.54	ppb
Lead	207-1	0.03	0.04	0.04	0.04	17.58	ppb
Lead	208-1	0.04	0.04	0.04	0.04	5.34	ppb
Lithium	6-1						%
Magnesium	24-2	1.30	0.76	2.74	1.60	63.83	ppb
Manganese	55-2	0.08	0.00	-0.05	0.01	713.30	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BL	Instrumnet Name :	P8
Client Sample ID :	PB101045BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:09:44	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.02	0.02	23.60	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	128.98	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	10.50	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	192.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.03	-0.05	-0.04		ppb
Phosphorus	31-2	-24.31	-36.74	-24.15	-28.40		ppb
Potassium	39-2	9.27	-2.77	-1.29	1.73	378.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.29	0.29	1.66	0.75	106.15	ppb
Selenium	82-1	-0.27	0.30	0.10	0.05	631.23	ppb
Silicon	28-1	-10.29	-16.80	-16.24	-14.44		ppb
Silver	109-1	0.02	0.02	0.03	0.02	20.22	ppb
Silver	107-1	0.03	0.03	0.02	0.03	30.30	ppb
Sodium	23-2	37.19	44.77	40.59	40.85	9.30	ppb
Strontium	86-1	-0.04	-0.01	0.03	0.00		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-774.46	-1594.47	-1661.96	-1343.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.02	0.03	28.33	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	7.31	ppb
Tin	118-1	-0.03	0.00	-0.03	-0.02		ppb
Titanium	47-1	0.02	0.05	0.00	0.02	93.35	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	0.16	0.02	0.08	84.21	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.72	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BL	Instrumnet Name :	P8
Client Sample ID :	PB101045BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:09:44	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.02	0.03	17.55	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : PB101045BS Instrumnet Name : P8
 Client Sample ID : PB101045BS Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 16:12:53 DataFile Name : 022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.72	49.73	48.33	44.93	15.91	ppb
Antimony	121-1	3.99	3.98	4.01	3.99	0.36	ppb
Arsenic	75-2	1.92	2.35	1.81	2.03	13.98	ppb
Barium	135-1	18.86	19.26	19.65	19.26	2.04	ppb
Barium	137-1	18.45	19.46	19.22	19.04	2.78	ppb
Beryllium	9-1	1.99	1.81	1.85	1.88	4.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.34	50.60	48.02	48.32	4.45	ppb
Boron	11-1	46.85	48.86	48.90	48.21	2.43	ppb
Cadmium	111-1	1.89	2.11	2.03	2.01	5.37	ppb
Cadmium	106-1	1.05	1.98	2.91	1.98	46.87	ppb
Cadmium	108-1	1.77	1.91	2.02	1.90	6.67	ppb
Calcium	43-1	873.69	849.76	884.84	869.43	2.06	ppb
Calcium	44-1	898.29	911.38	912.72	907.47	0.88	ppb
Chromium	52-2	3.90	3.96	3.71	3.85	3.42	ppb
Cobalt	59-2	1.89	1.80	1.96	1.88	4.24	ppb
Copper	63-2	3.88	4.09	4.02	4.00	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	377.30	381.43	385.34	381.36	1.05	ppb
Iron	57-2	367.73	383.46	365.05	372.08	2.67	ppb
Lead	206-1	2.26	2.10	2.20	2.19	3.47	ppb
Lead	207-1	2.17	2.06	2.08	2.10	2.74	ppb
Lead	208-1	2.17	2.08	2.14	2.13	2.18	ppb
Lithium	6-1						%
Magnesium	24-2	937.95	932.28	927.34	932.52	0.57	ppb
Manganese	55-2	2.19	2.06	1.92	2.05	6.55	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BS	Instrumnet Name :	P8
Client Sample ID :	PB101045BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:12:53	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.06	4.20	4.21	4.16	2.10	ppb
Molybdenum	95-1	9.03	8.82	9.16	9.01	1.91	ppb
Molybdenum	96-1	7.61	7.76	7.76	7.71	1.13	ppb
Molybdenum	97-1	9.01	8.55	8.96	8.84	2.83	ppb
Molybdenum	98-1	8.77	8.89	9.19	8.95	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	1.97	1.99	2.05	6.06	ppb
Phosphorus	31-2	-24.21	-11.40	1.68	-11.31		ppb
Potassium	39-2	949.77	999.83	990.86	980.15	2.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.77	17.46	8.85	11.69	42.72	ppb
Selenium	78-2	6.67	7.09	10.89	8.22	28.23	ppb
Selenium	82-1	10.27	9.79	9.96	10.01	2.43	ppb
Silicon	28-1	8.58	8.78	11.78	9.71	18.48	ppb
Silver	109-1	2.05	2.11	2.06	2.07	1.58	ppb
Silver	107-1	2.15	2.08	2.13	2.12	1.65	ppb
Sodium	23-2	1016.24	1007.82	1013.00	1012.35	0.42	ppb
Strontium	86-1	1.85	2.05	1.91	1.94	5.09	ppb
Strontium	88-1	1.93	1.97	1.98	1.96	1.25	ppb
Sulfur	34-1	-1648.10	-1414.10	-1229.17	-1430.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.85	1.99	1.90	1.91	3.56	ppb
Thallium	205-1	1.89	1.86	1.89	1.88	0.79	ppb
Tin	118-1	9.41	9.90	9.59	9.63	2.55	ppb
Titanium	47-1	9.39	8.79	9.09	9.09	3.32	ppb
Uranium	238-1	1.83	1.76	1.78	1.79	2.13	ppb
Vanadium	51-2	9.12	9.56	9.45	9.38	2.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.71	3.92	4.34	3.99	8.05	ppb
Zirconium	90-1	1.90	1.97	1.94	1.94	1.91	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BS	Instrumnet Name :	P8
Client Sample ID :	PB101045BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:12:53	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.99	1.92	1.88	1.93	2.98	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4260-11	Instrumnet Name :	P8
Client Sample ID :	MBDX34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:16:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.80	3.02	2.02	2.62	20.10	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	18.67	ppb
Arsenic	75-2	-0.01	-0.04	-0.03	-0.03		ppb
Barium	135-1	0.00	0.01	0.01	0.01	84.63	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	730.67	ppb
Beryllium	9-1	0.00	0.01	0.04	0.02	139.81	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.91	4.86	4.92	4.89	0.64	ppb
Boron	11-1	5.62	4.74	5.06	5.14	8.72	ppb
Cadmium	111-1	-0.02	-0.07	0.02	-0.02		ppb
Cadmium	106-1	-0.22	-0.91	0.30	-0.28		ppb
Cadmium	108-1	-0.06	0.00	0.00	-0.02		ppb
Calcium	43-1	-11.60	-20.59	-21.32	-17.84		ppb
Calcium	44-1	4.89	7.61	1.67	4.72	62.90	ppb
Chromium	52-2	-0.29	-0.24	-0.22	-0.25		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	0.04	0.04	0.04	9.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.28	0.01	-0.02	0.09	192.83	ppb
Iron	57-2	0.53	2.85	-0.63	0.92	193.08	ppb
Lead	206-1	0.07	0.04	0.05	0.05	25.60	ppb
Lead	207-1	0.06	0.08	0.06	0.07	12.84	ppb
Lead	208-1	0.06	0.06	0.05	0.06	11.86	ppb
Lithium	6-1						%
Magnesium	24-2	0.51	-0.30	1.93	0.71	158.39	ppb
Manganese	55-2	0.01	-0.01	-0.04	-0.01		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4260-11	Instrumnet Name :	P8
Client Sample ID :	MBDX34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:16:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	0.02	0.01	0.01	161.11	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.01	-0.04	-0.03		ppb
Phosphorus	31-2	-25.09	-12.29	-12.70	-16.69		ppb
Potassium	39-2	0.25	8.05	11.85	6.72	88.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	2.85	0.00	0.95	173.21	ppb
Selenium	78-2	-0.21	0.71	-0.19	0.11	496.45	ppb
Selenium	82-1	-0.12	0.40	0.14	0.14	187.15	ppb
Silicon	28-1	-28.76	-31.65	-30.99	-30.46		ppb
Silver	109-1	0.03	0.01	0.02	0.02	50.04	ppb
Silver	107-1	0.02	0.03	0.02	0.02	16.80	ppb
Sodium	23-2	28.19	33.22	28.52	29.98	9.39	ppb
Strontium	86-1	0.00	-0.04	-0.09	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	101.89	ppb
Sulfur	34-1	-2500.89	-2613.78	-2902.28	-2672.32		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.01	40.70	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.52	ppb
Tin	118-1	-0.03	-0.03	-0.04	-0.04		ppb
Titanium	47-1	-0.02	0.03	-0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.66	0.53	0.55	0.58	11.68	ppb
Zirconium	90-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4260-11	Instrumnet Name :	P8
Client Sample ID :	MBDX34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:16:02	DataFile Name :	023SMPL.d

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

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:19:42	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50050.93	51091.39	50408.60	50516.97	1.05	ppb
Antimony	121-1	521.47	513.99	510.20	515.22	1.11	ppb
Arsenic	75-2	504.78	501.76	499.48	502.01	0.53	ppb
Barium	135-1	2595.83	2534.40	2538.00	2556.08	1.35	ppb
Barium	137-1	2547.38	2526.67	2500.86	2524.97	0.92	ppb
Beryllium	9-1	489.89	501.95	500.14	497.33	1.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	484.32	495.54	509.39	496.42	2.53	ppb
Boron	11-1	484.04	508.49	515.02	502.52	3.25	ppb
Cadmium	111-1	503.80	502.11	496.87	500.92	0.72	ppb
Cadmium	106-1	513.52	502.58	507.05	507.72	1.08	ppb
Cadmium	108-1	506.25	497.11	506.25	503.20	1.05	ppb
Calcium	43-1	242696.64	242060.35	241312.75	242023.25	0.29	ppb
Calcium	44-1	241995.55	242642.74	243395.79	242678.03	0.29	ppb
Chromium	52-2	505.99	511.24	517.61	511.61	1.14	ppb
Cobalt	59-2	479.81	485.72	483.47	483.00	0.62	ppb
Copper	63-2	976.11	966.37	962.65	968.38	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121918.89	123027.55	122882.01	122609.48	0.49	ppb
Iron	57-2	123763.34	126118.06	124688.78	124856.73	0.95	ppb
Lead	206-1	502.54	504.67	509.61	505.61	0.72	ppb
Lead	207-1	495.71	506.34	507.17	503.08	1.27	ppb
Lead	208-1	501.31	505.06	507.43	504.60	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	247699.76	252564.89	250579.66	250281.44	0.98	ppb
Manganese	55-2	1007.00	1021.12	1022.66	1016.93	0.85	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:19:42	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	487.75	496.10	493.54	492.46	0.87	ppb
Molybdenum	95-1	494.84	505.64	505.02	501.83	1.21	ppb
Molybdenum	96-1	494.35	500.71	504.24	499.77	1.00	ppb
Molybdenum	97-1	498.17	495.93	502.87	498.99	0.71	ppb
Molybdenum	98-1	498.55	501.38	509.73	503.22	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.68	489.42	488.27	488.12	0.28	ppb
Phosphorus	31-2	10222.27	10377.56	10580.84	10393.55	1.73	ppb
Potassium	39-2	124997.27	125809.18	126293.92	125700.12	0.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	499.83	487.13	457.84	481.60	4.47	ppb
Selenium	78-2	483.10	481.98	493.00	486.03	1.25	ppb
Selenium	82-1	486.68	489.31	492.66	489.55	0.61	ppb
Silicon	28-1	505.51	515.88	516.99	512.79	1.24	ppb
Silver	109-1	513.58	507.28	509.06	509.97	0.64	ppb
Silver	107-1	514.31	508.61	510.27	511.06	0.57	ppb
Sodium	23-2	250058.43	253254.15	252074.19	251795.59	0.64	ppb
Strontium	86-1	511.91	519.79	517.35	516.35	0.78	ppb
Strontium	88-1	505.32	515.47	513.86	511.55	1.07	ppb
Sulfur	34-1	11212.83	10936.09	11178.48	11109.14	1.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.19	508.23	499.82	503.41	0.86	ppb
Thallium	205-1	499.73	505.75	508.44	504.64	0.88	ppb
Tin	118-1	528.78	516.29	516.49	520.52	1.37	ppb
Titanium	47-1	485.86	490.90	488.31	488.36	0.52	ppb
Uranium	238-1	503.57	503.37	507.12	504.69	0.42	ppb
Vanadium	51-2	499.76	504.49	505.01	503.09	0.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	953.17	975.80	980.88	969.95	1.52	ppb
Zirconium	90-1	483.71	487.72	496.83	489.42	1.37	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:19:42	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	485.57	495.04	493.13	491.25	1.02	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 16:22:40 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.66	-0.69	-0.69	-1.01		ppb
Antimony	121-1	0.26	0.30	0.26	0.27	8.91	ppb
Arsenic	75-2	-0.01	-0.02	0.03	0.00	896.77	ppb
Barium	135-1	-0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.08	0.08	0.07	31.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.01	15.03	13.11	14.72	10.04	ppb
Boron	11-1	14.39	13.39	12.56	13.45	6.79	ppb
Cadmium	111-1	0.05	-0.06	0.00	0.00		ppb
Cadmium	106-1	0.55	-0.84	0.01	-0.09		ppb
Cadmium	108-1	0.03	0.06	0.03	0.04	50.14	ppb
Calcium	43-1	6.46	11.21	-8.72	2.98	349.01	ppb
Calcium	44-1	23.57	26.68	19.39	23.21	15.76	ppb
Chromium	52-2	-0.05	0.03	0.02	0.00	4525.98	ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	-0.02	0.00	0.02	0.00	880.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.71	0.67	0.76	0.71	6.47	ppb
Iron	57-2	1.68	1.42	2.26	1.79	24.09	ppb
Lead	206-1	0.06	0.06	0.07	0.06	8.03	ppb
Lead	207-1	0.05	0.09	0.05	0.06	33.53	ppb
Lead	208-1	0.06	0.06	0.05	0.06	11.20	ppb
Lithium	6-1						%
Magnesium	24-2	0.56	1.36	2.37	1.43	63.64	ppb
Manganese	55-2	0.04	-0.06	-0.02	-0.01		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:22:40	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.08	0.07	21.31	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	63.89	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	9.20	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	6.25	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	46.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.01	-0.02		ppb
Phosphorus	31-2	-24.17	-11.53	-36.74	-24.15		ppb
Potassium	39-2	36.07	26.93	12.63	25.21	46.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.99	-0.17	1.67	1.50	105.98	ppb
Selenium	82-1	0.89	-0.72	0.12	0.10	827.31	ppb
Silicon	28-1	-12.25	-9.47	-15.52	-12.42		ppb
Silver	109-1	0.02	0.03	0.02	0.02	19.54	ppb
Silver	107-1	0.02	0.04	0.04	0.03	30.97	ppb
Sodium	23-2	78.55	78.69	75.43	77.56	2.37	ppb
Strontium	86-1	-0.04	-0.03	-0.03	-0.03		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-1471.86	-889.64	-1460.17	-1273.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.08	0.05	0.07	28.47	ppb
Thallium	205-1	0.08	0.07	0.07	0.08	8.60	ppb
Tin	118-1	0.07	0.08	0.09	0.08	8.86	ppb
Titanium	47-1	-0.03	-0.01	0.04	0.00	1803.18	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.02	0.00	-0.01	0.00	468.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	0.13	0.13	0.14	18.26	ppb
Zirconium	90-1	0.07	0.08	0.07	0.07	10.97	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:22:40	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.10	0.08	0.09	11.75	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : PB101006BL Instrumnet Name : P8
 Client Sample ID : PB101006BL Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 16:25:49 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.69	1.24	2.27	0.94	159.45	ppb
Antimony	121-1	0.09	0.09	0.10	0.09	5.41	ppb
Arsenic	75-2	-0.03	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	16.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.86	6.62	8.01	7.50	10.17	ppb
Boron	11-1	7.79	7.63	7.28	7.57	3.43	ppb
Cadmium	111-1	0.00	-0.07	0.04	-0.01		ppb
Cadmium	106-1	-0.09	-1.01	0.39	-0.23		ppb
Cadmium	108-1	0.00	0.03	-0.03	0.00		ppb
Calcium	43-1	-12.70	-14.98	-11.28	-12.99		ppb
Calcium	44-1	16.90	10.96	21.39	16.42	31.89	ppb
Chromium	52-2	-0.02	-0.04	-0.05	-0.04		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.02	0.01	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.60	-0.03	0.39	0.32	99.42	ppb
Iron	57-2	-0.45	0.61	0.69	0.28	224.98	ppb
Lead	206-1	0.05	0.06	0.04	0.05	19.16	ppb
Lead	207-1	0.06	0.03	0.01	0.03	70.51	ppb
Lead	208-1	0.04	0.04	0.03	0.04	17.23	ppb
Lithium	6-1						%
Magnesium	24-2	1.39	-0.82	2.44	1.00	166.15	ppb
Manganese	55-2	0.12	0.05	0.00	0.06	103.65	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BL	Instrumnet Name :	P8
Client Sample ID :	PB101006BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:25:49	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.03	0.03	4.98	ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	61.26	ppb
Molybdenum	97-1	0.02	0.00	0.00	0.01	149.57	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.02	-0.03		ppb
Phosphorus	31-2	1.41	-11.52	-36.74	-15.62		ppb
Potassium	39-2	9.96	19.04	19.93	16.31	33.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.63	1.20	0.73	0.44	218.38	ppb
Selenium	82-1	0.01	0.58	0.17	0.25	115.46	ppb
Silicon	28-1	-13.98	-15.45	-14.07	-14.50		ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.29	ppb
Silver	107-1	0.03	0.01	0.02	0.02	32.77	ppb
Sodium	23-2	55.46	48.29	48.28	50.68	8.17	ppb
Strontium	86-1	-0.03	-0.03	-0.06	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1438.21	-1552.33	-1280.62	-1423.72		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.03	0.03	11.12	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.77	ppb
Tin	118-1	0.03	0.01	0.01	0.02	68.64	ppb
Titanium	47-1	-0.06	0.01	0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	0.05	0.04	0.07	61.18	ppb
Zirconium	90-1	0.05	0.04	0.03	0.04	28.06	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BL	Instrumnet Name :	P8
Client Sample ID :	PB101006BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:25:49	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.06	0.05	15.30	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BS	Instrumnet Name :	P8
Client Sample ID :	PB101006BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:28:57	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51495.17	50840.45	49362.03	50565.88	2.16	ppb
Antimony	121-1	528.48	518.44	516.98	521.30	1.20	ppb
Arsenic	75-2	502.11	501.17	495.58	499.62	0.71	ppb
Barium	135-1	2655.14	2635.80	2607.00	2632.65	0.92	ppb
Barium	137-1	2604.08	2614.48	2582.62	2600.39	0.62	ppb
Beryllium	9-1	506.54	508.38	511.51	508.81	0.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	500.93	509.30	503.95	504.73	0.84	ppb
Boron	11-1	504.65	509.70	521.44	511.93	1.68	ppb
Cadmium	111-1	505.80	507.01	505.31	506.04	0.17	ppb
Cadmium	106-1	523.19	524.03	519.68	522.30	0.44	ppb
Cadmium	108-1	515.67	507.56	504.22	509.15	1.16	ppb
Calcium	43-1	242314.12	243656.90	237930.47	241300.50	1.24	ppb
Calcium	44-1	244535.98	246112.91	241287.97	243978.95	1.01	ppb
Chromium	52-2	526.60	523.83	508.24	519.56	1.90	ppb
Cobalt	59-2	495.62	490.01	477.63	487.75	1.89	ppb
Copper	63-2	898.34	885.56	866.41	883.44	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	130804.50	130133.31	125971.29	128969.70	2.03	ppb
Iron	57-2	133295.19	132002.17	128274.61	131190.66	1.99	ppb
Lead	206-1	512.55	514.11	515.89	514.18	0.32	ppb
Lead	207-1	512.09	517.31	515.59	514.99	0.52	ppb
Lead	208-1	512.55	514.70	519.17	515.47	0.66	ppb
Lithium	6-1						%
Magnesium	24-2	246519.29	243989.33	237882.11	242796.91	1.83	ppb
Manganese	55-2	1015.74	1003.75	984.77	1001.42	1.56	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BS	Instrumnet Name :	P8
Client Sample ID :	PB101006BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:28:57	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.74	515.33	506.02	510.03	0.94	ppb
Molybdenum	95-1	506.29	510.14	494.12	503.52	1.66	ppb
Molybdenum	96-1	509.21	507.25	498.87	505.11	1.09	ppb
Molybdenum	97-1	497.04	506.16	490.87	498.02	1.54	ppb
Molybdenum	98-1	498.34	498.81	495.84	497.66	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.92	498.62	483.52	495.35	2.14	ppb
Phosphorus	31-2	10749.76	11078.25	9981.83	10603.28	5.31	ppb
Potassium	39-2	128835.80	128037.77	124349.41	127074.33	1.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	581.84	460.78	536.18	526.27	11.62	ppb
Selenium	78-2	504.18	482.52	532.33	506.34	4.93	ppb
Selenium	82-1	501.44	504.44	494.24	500.04	1.05	ppb
Silicon	28-1	729.62	777.77	789.23	765.54	4.13	ppb
Silver	109-1	522.99	516.64	517.24	518.95	0.68	ppb
Silver	107-1	519.51	519.51	515.68	518.23	0.43	ppb
Sodium	23-2	252505.36	249370.40	244423.23	248766.33	1.64	ppb
Strontium	86-1	510.07	521.68	506.81	512.85	1.52	ppb
Strontium	88-1	514.31	515.28	514.83	514.81	0.09	ppb
Sulfur	34-1	11934.35	11724.99	11296.90	11652.08	2.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.62	525.71	527.54	525.29	0.47	ppb
Thallium	205-1	518.37	520.94	524.11	521.14	0.55	ppb
Tin	118-1	529.69	520.16	512.16	520.67	1.69	ppb
Titanium	47-1	488.72	489.15	482.67	486.85	0.74	ppb
Uranium	238-1	507.14	517.23	519.05	514.47	1.25	ppb
Vanadium	51-2	521.04	512.83	502.30	512.06	1.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	971.73	966.19	933.21	957.05	2.18	ppb
Zirconium	90-1	514.13	515.79	512.92	514.28	0.28	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BS	Instrumnet Name :	P8
Client Sample ID :	PB101006BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:28:57	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	514.15	517.04	510.11	513.77	0.68	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02	Instrumnet Name :	P8
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:31:56	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89.75	98.57	75.36	87.89	13.33	ppb
Antimony	121-1	10.85	10.79	10.73	10.79	0.58	ppb
Arsenic	75-2	1.57	1.61	1.29	1.49	11.78	ppb
Barium	135-1	183.94	185.08	186.09	185.04	0.58	ppb
Barium	137-1	183.29	186.06	187.85	185.73	1.24	ppb
Beryllium	9-1	0.10	0.06	0.06	0.07	35.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	169.25	162.71	158.43	163.46	3.33	ppb
Boron	11-1	167.82	160.94	157.99	162.25	3.11	ppb
Cadmium	111-1	0.51	0.43	0.50	0.48	8.28	ppb
Cadmium	106-1	-0.60	-0.98	0.03	-0.52		ppb
Cadmium	108-1	0.81	0.89	0.69	0.80	12.67	ppb
Calcium	43-1	207214.02	204455.83	206631.94	206100.60	0.71	ppb
Calcium	44-1	208440.57	205254.22	208738.68	207477.82	0.93	ppb
Chromium	52-2	0.65	0.72	0.60	0.65	9.19	ppb
Cobalt	59-2	9.36	9.57	9.67	9.53	1.65	ppb
Copper	63-2	17.69	17.88	18.49	18.02	2.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1525.42	1553.21	1554.75	1544.46	1.07	ppb
Iron	57-2	1545.53	1578.58	1574.72	1566.28	1.15	ppb
Lead	206-1	6.20	6.21	6.42	6.28	2.01	ppb
Lead	207-1	5.75	5.78	5.92	5.81	1.60	ppb
Lead	208-1	6.01	5.99	6.09	6.03	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	35859.72	35650.27	36068.66	35859.55	0.58	ppb
Manganese	55-2	960.36	979.01	977.10	972.16	1.06	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02	Instrumnet Name :	P8
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:31:56	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.22	3.07	3.15	3.14	2.41	ppb
Molybdenum	95-1	7.35	7.43	7.45	7.41	0.72	ppb
Molybdenum	96-1	6.42	6.21	6.29	6.31	1.75	ppb
Molybdenum	97-1	7.18	7.29	7.21	7.23	0.84	ppb
Molybdenum	98-1	7.19	7.41	7.36	7.32	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.82	9.11	9.26	9.40	3.98	ppb
Phosphorus	31-2	36.07	7.90	-6.70	12.42	174.99	ppb
Potassium	39-2	6637.01	6752.57	6645.16	6678.25	0.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.92	3.46	3.46	99.99	ppb
Selenium	78-2	1.51	1.53	4.24	2.43	64.59	ppb
Selenium	82-1	2.11	0.67	1.80	1.53	49.75	ppb
Silicon	28-1	10394.48	10351.25	10350.39	10365.37	0.24	ppb
Silver	109-1	0.73	0.69	0.57	0.66	12.60	ppb
Silver	107-1	0.75	0.69	0.63	0.69	8.68	ppb
Sodium	23-2	11961.74	11902.82	12133.61	11999.39	1.00	ppb
Strontium	86-1	862.02	857.79	863.01	860.94	0.32	ppb
Strontium	88-1	862.81	859.41	862.52	861.58	0.22	ppb
Sulfur	34-1	68518.30	68076.07	67287.33	67960.57	0.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.29	0.20	0.25	19.19	ppb
Thallium	205-1	0.26	0.25	0.26	0.26	2.21	ppb
Tin	118-1	4.39	4.39	4.38	4.38	0.15	ppb
Titanium	47-1	2.06	2.29	1.82	2.06	11.28	ppb
Uranium	238-1	2.58	2.59	2.61	2.59	0.45	ppb
Vanadium	51-2	0.32	0.33	0.37	0.34	6.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	232.37	238.30	237.68	236.12	1.38	ppb
Zirconium	90-1	1.28	1.08	1.01	1.12	12.62	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02	Instrumnet Name :	P8
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:31:56	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.26	1.24	1.04	1.18	10.42	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:35:03	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87.12	95.54	97.11	93.26	5.76	ppb
Antimony	121-1	9.91	10.08	9.78	9.92	1.53	ppb
Arsenic	75-2	1.62	1.44	1.48	1.51	6.07	ppb
Barium	135-1	182.97	182.40	180.72	182.03	0.64	ppb
Barium	137-1	183.77	181.27	181.17	182.07	0.81	ppb
Beryllium	9-1	0.02	0.05	0.01	0.03	77.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	142.37	143.38	141.55	142.43	0.64	ppb
Boron	11-1	135.39	136.03	136.84	136.09	0.53	ppb
Cadmium	111-1	0.46	0.60	0.42	0.49	18.81	ppb
Cadmium	106-1	-0.99	0.65	-0.25	-0.20		ppb
Cadmium	108-1	0.56	0.78	0.60	0.65	18.05	ppb
Calcium	43-1	206426.16	202455.95	203143.42	204008.51	1.04	ppb
Calcium	44-1	208490.59	206543.62	204403.08	206479.10	0.99	ppb
Chromium	52-2	0.99	0.97	0.85	0.94	7.96	ppb
Cobalt	59-2	9.41	9.75	9.48	9.55	1.87	ppb
Copper	63-2	18.13	18.24	17.83	18.07	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1536.41	1555.54	1532.31	1541.42	0.80	ppb
Iron	57-2	1535.61	1581.50	1581.38	1566.16	1.69	ppb
Lead	206-1	6.40	6.16	6.21	6.26	2.03	ppb
Lead	207-1	5.91	5.83	5.85	5.86	0.72	ppb
Lead	208-1	6.10	6.01	6.12	6.08	0.98	ppb
Lithium	6-1						%
Magnesium	24-2	36342.15	36231.08	35559.13	36044.12	1.18	ppb
Manganese	55-2	959.38	966.61	949.88	958.63	0.88	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:35:03	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.85	2.66	2.73	2.75	3.41	ppb
Molybdenum	95-1	7.54	7.24	7.25	7.34	2.36	ppb
Molybdenum	96-1	6.42	6.16	6.24	6.27	2.19	ppb
Molybdenum	97-1	7.59	7.52	7.09	7.40	3.62	ppb
Molybdenum	98-1	7.58	7.52	7.42	7.51	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.59	9.63	9.61	9.61	0.25	ppb
Phosphorus	31-2	-36.74	9.16	8.27	-6.44		ppb
Potassium	39-2	6487.72	6564.17	6425.45	6492.45	1.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.56	3.52	2.36	86.61	ppb
Selenium	78-2	2.11	0.48	1.02	1.20	68.70	ppb
Selenium	82-1	0.89	1.49	0.65	1.01	42.53	ppb
Silicon	28-1	10563.93	10156.97	10042.91	10254.60	2.67	ppb
Silver	109-1	0.41	0.36	0.35	0.37	8.50	ppb
Silver	107-1	0.40	0.40	0.39	0.40	1.24	ppb
Sodium	23-2	11819.86	12398.83	11652.36	11957.02	3.28	ppb
Strontium	86-1	877.93	847.29	863.54	862.92	1.78	ppb
Strontium	88-1	870.29	849.11	851.97	857.12	1.34	ppb
Sulfur	34-1	67655.63	65562.62	66209.78	66476.01	1.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.20	0.19	0.18	0.19	5.36	ppb
Thallium	205-1	0.20	0.21	0.19	0.20	5.35	ppb
Tin	118-1	3.58	3.68	3.62	3.63	1.40	ppb
Titanium	47-1	2.23	2.21	2.27	2.24	1.30	ppb
Uranium	238-1	2.60	2.56	2.63	2.60	1.36	ppb
Vanadium	51-2	0.34	0.41	0.38	0.38	9.58	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	237.76	239.54	237.61	238.30	0.45	ppb
Zirconium	90-1	0.63	0.60	0.60	0.61	3.29	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:35:03	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.65	0.61	0.60	0.62	3.95	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 16:38:10	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.89	14.13	22.39	16.14	34.27	ppb
Antimony	121-1	1.96	1.95	2.02	1.98	1.89	ppb
Arsenic	75-2	0.24	0.30	0.32	0.29	13.85	ppb
Barium	135-1	35.73	36.04	36.53	36.10	1.12	ppb
Barium	137-1	35.57	35.77	36.80	36.05	1.83	ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	27.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.31	42.83	43.17	43.11	0.58	ppb
Boron	11-1	43.69	43.57	42.45	43.24	1.57	ppb
Cadmium	111-1	0.01	-0.02	0.07	0.02	269.43	ppb
Cadmium	106-1	-1.28	-1.42	-0.41	-1.03		ppb
Cadmium	108-1	0.23	0.12	0.09	0.15	51.63	ppb
Calcium	43-1	40036.43	40299.71	40586.66	40307.60	0.68	ppb
Calcium	44-1	40984.93	40699.30	41066.23	40916.82	0.47	ppb
Chromium	52-2	0.17	0.10	0.03	0.10	69.59	ppb
Cobalt	59-2	1.76	1.93	1.91	1.87	4.81	ppb
Copper	63-2	3.55	3.55	3.64	3.58	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	302.38	302.19	299.72	301.43	0.49	ppb
Iron	57-2	306.45	323.42	296.53	308.80	4.40	ppb
Lead	206-1	1.29	1.23	1.28	1.26	2.44	ppb
Lead	207-1	1.21	1.18	1.11	1.16	4.40	ppb
Lead	208-1	1.23	1.18	1.19	1.20	2.11	ppb
Lithium	6-1						%
Magnesium	24-2	6840.23	6837.03	6855.72	6844.33	0.15	ppb
Manganese	55-2	190.24	192.46	192.63	191.78	0.70	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 16:38:10	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.49	0.51	0.55	0.52	6.46	ppb
Molybdenum	95-1	1.42	1.39	1.44	1.41	1.81	ppb
Molybdenum	96-1	1.18	1.14	1.14	1.15	1.91	ppb
Molybdenum	97-1	1.46	1.46	1.39	1.44	2.67	ppb
Molybdenum	98-1	1.44	1.36	1.41	1.40	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.91	1.69	1.82	6.45	ppb
Phosphorus	31-2	17.72	-23.00	-9.42	-4.90		ppb
Potassium	39-2	1307.63	1343.35	1317.56	1322.84	1.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.20	0.00	1.07	173.21	ppb
Selenium	78-2	0.85	-0.13	1.34	0.69	108.82	ppb
Selenium	82-1	-0.46	0.55	1.15	0.41	197.10	ppb
Silicon	28-1	1990.58	2039.32	2049.12	2026.34	1.55	ppb
Silver	109-1	0.14	0.13	0.11	0.13	11.26	ppb
Silver	107-1	0.12	0.12	0.13	0.12	4.31	ppb
Sodium	23-2	2307.55	2333.11	2296.26	2312.31	0.82	ppb
Strontium	86-1	167.38	167.52	165.50	166.80	0.68	ppb
Strontium	88-1	170.10	172.29	170.55	170.98	0.68	ppb
Sulfur	34-1	16335.00	16893.75	16977.09	16735.28	2.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.03	0.05	0.05	27.69	ppb
Thallium	205-1	0.04	0.05	0.05	0.04	10.75	ppb
Tin	118-1	0.30	0.35	0.30	0.32	8.75	ppb
Titanium	47-1	0.41	0.34	0.33	0.36	12.47	ppb
Uranium	238-1	0.52	0.54	0.50	0.52	3.42	ppb
Vanadium	51-2	0.10	0.12	0.05	0.09	39.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	48.81	46.50	46.69	47.33	2.71	ppb
Zirconium	90-1	0.05	0.06	0.07	0.06	18.65	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 16:38:10	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.07	0.08	0.06	33.61	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-03	Instrumnet Name :	P8
Client Sample ID :	MW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:41:17	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9846.84	9502.07	10177.61	9842.17	3.43	ppb
Antimony	121-1	558.54	559.78	550.03	556.12	0.95	ppb
Arsenic	75-2	556.61	558.37	567.63	560.87	1.06	ppb
Barium	135-1	2833.70	2823.09	2789.46	2815.42	0.82	ppb
Barium	137-1	2787.62	2770.50	2767.23	2775.12	0.39	ppb
Beryllium	9-1	335.14	328.24	324.54	329.31	1.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	447.98	438.64	438.20	441.61	1.25	ppb
Boron	11-1	441.29	438.36	437.90	439.18	0.42	ppb
Cadmium	111-1	523.87	531.48	521.68	525.68	0.98	ppb
Cadmium	106-1	533.83	534.03	526.56	531.47	0.80	ppb
Cadmium	108-1	536.01	535.37	524.80	532.06	1.18	ppb
Calcium	43-1	247167.50	245350.43	248247.00	246921.64	0.59	ppb
Calcium	44-1	250210.34	248167.90	249301.63	249226.62	0.41	ppb
Chromium	52-2	560.64	555.54	573.57	563.25	1.65	ppb
Cobalt	59-2	552.13	545.04	564.99	554.05	1.83	ppb
Copper	63-2	1103.03	1089.66	1135.32	1109.34	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27725.75	27582.65	28729.07	28012.49	2.23	ppb
Iron	57-2	27994.62	27819.40	29024.55	28279.52	2.30	ppb
Lead	206-1	529.40	537.78	537.81	535.00	0.91	ppb
Lead	207-1	527.00	538.63	532.12	532.58	1.09	ppb
Lead	208-1	528.59	534.66	536.88	533.38	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	87823.06	86778.35	90123.93	88241.78	1.94	ppb
Manganese	55-2	1921.95	1895.88	1979.11	1932.31	2.20	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-03	Instrumnet Name :	P8
Client Sample ID :	MW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:41:17	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	552.15	542.53	537.93	544.20	1.33	ppb
Molybdenum	95-1	527.11	520.81	522.49	523.47	0.62	ppb
Molybdenum	96-1	526.55	527.96	521.74	525.42	0.62	ppb
Molybdenum	97-1	507.22	520.86	507.10	511.73	1.55	ppb
Molybdenum	98-1	523.64	523.83	521.16	522.88	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	564.86	557.09	576.76	566.24	1.75	ppb
Phosphorus	31-2	-7.18	6.75	-6.54	-2.33		ppb
Potassium	39-2	31732.61	31120.54	32508.58	31787.24	2.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	587.61	518.37	595.39	567.12	7.48	ppb
Selenium	78-2	535.27	528.90	543.86	536.01	1.40	ppb
Selenium	82-1	528.97	526.98	528.21	528.05	0.19	ppb
Silicon	28-1	10168.72	10084.65	10129.92	10127.76	0.42	ppb
Silver	109-1	516.76	511.60	507.20	511.85	0.93	ppb
Silver	107-1	513.26	515.66	504.44	511.12	1.16	ppb
Sodium	23-2	68050.79	67694.02	70648.95	68797.92	2.34	ppb
Strontium	86-1	837.04	824.43	815.50	825.66	1.31	ppb
Strontium	88-1	832.21	823.30	816.63	824.05	0.95	ppb
Sulfur	34-1	64850.92	63633.65	64777.04	64420.54	1.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	545.52	538.25	547.41	543.73	0.89	ppb
Thallium	205-1	539.44	541.65	540.16	540.42	0.21	ppb
Tin	118-1	512.96	510.55	508.85	510.79	0.40	ppb
Titanium	47-1	502.31	491.15	496.34	496.60	1.12	ppb
Uranium	238-1	525.31	524.89	526.66	525.62	0.18	ppb
Vanadium	51-2	543.82	539.15	559.24	547.40	1.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1232.29	1210.11	1260.62	1234.34	2.05	ppb
Zirconium	90-1	555.13	557.75	550.27	554.38	0.68	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-03	Instrumnet Name :	P8
Client Sample ID :	MW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:41:17	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	554.81	556.62	550.53	553.99	0.56	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-04	Instrumnet Name :	P8
Client Sample ID :	MW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:44:17	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9783.01	9592.22	9636.38	9670.54	1.03	ppb
Antimony	121-1	524.82	536.46	546.12	535.80	1.99	ppb
Arsenic	75-2	553.04	546.36	536.17	545.19	1.56	ppb
Barium	135-1	2654.74	2713.51	2727.32	2698.52	1.43	ppb
Barium	137-1	2665.91	2688.01	2712.71	2688.88	0.87	ppb
Beryllium	9-1	349.95	348.57	342.58	347.04	1.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	479.72	476.55	477.37	477.88	0.34	ppb
Boron	11-1	477.12	474.95	474.55	475.54	0.29	ppb
Cadmium	111-1	503.84	508.07	509.58	507.16	0.59	ppb
Cadmium	106-1	509.68	515.09	518.06	514.28	0.83	ppb
Cadmium	108-1	509.63	514.39	514.14	512.72	0.52	ppb
Calcium	43-1	241398.85	239138.95	239472.40	240003.40	0.51	ppb
Calcium	44-1	244479.09	240436.36	240849.26	241921.57	0.92	ppb
Chromium	52-2	553.97	542.32	555.28	550.52	1.30	ppb
Cobalt	59-2	546.49	536.05	547.37	543.30	1.16	ppb
Copper	63-2	1107.55	1073.06	1092.97	1091.19	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27989.40	27255.02	27814.39	27686.27	1.39	ppb
Iron	57-2	28083.50	27295.37	28019.81	27799.56	1.57	ppb
Lead	206-1	527.53	531.59	517.94	525.69	1.33	ppb
Lead	207-1	525.93	522.41	516.87	521.74	0.88	ppb
Lead	208-1	525.87	525.25	519.48	523.53	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	87404.42	85247.48	86114.84	86255.58	1.26	ppb
Manganese	55-2	1935.70	1871.44	1922.10	1909.75	1.77	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-04	Instrumnet Name :	P8
Client Sample ID :	MW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:44:17	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	530.20	527.49	519.45	525.72	1.06	ppb
Molybdenum	95-1	515.23	512.19	498.04	508.48	1.80	ppb
Molybdenum	96-1	517.14	518.12	502.61	512.62	1.69	ppb
Molybdenum	97-1	494.05	500.77	483.30	492.71	1.79	ppb
Molybdenum	98-1	509.74	510.85	499.30	506.63	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	558.13	545.82	556.56	553.50	1.21	ppb
Phosphorus	31-2	37.74	36.07	-7.31	22.17	115.23	ppb
Potassium	39-2	31410.19	30597.04	31296.59	31101.28	1.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	583.13	565.26	482.26	543.55	9.90	ppb
Selenium	78-2	498.64	526.90	506.31	510.62	2.86	ppb
Selenium	82-1	514.71	521.56	499.61	511.96	2.19	ppb
Silicon	28-1	9995.51	9907.16	9861.92	9921.53	0.68	ppb
Silver	109-1	495.06	500.25	497.82	497.71	0.52	ppb
Silver	107-1	487.57	504.34	497.22	496.38	1.70	ppb
Sodium	23-2	67590.59	66434.40	66935.78	66986.92	0.87	ppb
Strontium	86-1	812.48	813.31	798.16	807.98	1.05	ppb
Strontium	88-1	804.01	802.80	791.22	799.35	0.88	ppb
Sulfur	34-1	62544.50	61667.07	63009.57	62407.05	1.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	537.24	536.66	531.14	535.02	0.63	ppb
Thallium	205-1	530.27	532.88	522.79	528.65	0.99	ppb
Tin	118-1	489.03	492.60	495.70	492.44	0.68	ppb
Titanium	47-1	487.11	482.72	486.15	485.33	0.48	ppb
Uranium	238-1	515.94	512.79	505.88	511.54	1.01	ppb
Vanadium	51-2	540.40	526.56	537.80	534.92	1.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1215.97	1188.42	1218.86	1207.75	1.39	ppb
Zirconium	90-1	540.61	542.02	529.35	537.33	1.29	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-04	Instrumnet Name :	P8
Client Sample ID :	MW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:44:17	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	537.20	537.14	525.10	533.14	1.31	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02A	Instrumnet Name :	P8
Client Sample ID :	MW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:47:15	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9681.87	9533.91	9816.77	9677.52	1.46	ppb
Antimony	121-1	573.43	538.68	536.33	549.48	3.78	ppb
Arsenic	75-2	545.84	544.65	553.15	547.88	0.84	ppb
Barium	135-1	2947.84	2726.75	2733.72	2802.77	4.48	ppb
Barium	137-1	2876.82	2705.00	2710.75	2764.19	3.53	ppb
Beryllium	9-1	367.29	336.16	339.33	347.59	4.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	499.85	472.12	471.34	481.10	3.38	ppb
Boron	11-1	492.53	460.90	472.71	475.38	3.36	ppb
Cadmium	111-1	553.24	507.01	514.58	524.94	4.72	ppb
Cadmium	106-1	548.81	509.69	519.12	525.88	3.88	ppb
Cadmium	108-1	557.12	509.17	513.20	526.50	5.05	ppb
Calcium	43-1	259683.95	242285.79	241546.24	247838.66	4.14	ppb
Calcium	44-1	258913.00	242133.22	242698.37	247914.86	3.84	ppb
Chromium	52-2	561.89	558.01	561.77	560.56	0.39	ppb
Cobalt	59-2	556.45	550.04	555.78	554.09	0.64	ppb
Copper	63-2	1126.41	1092.85	1097.13	1105.47	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28154.78	27947.83	28055.09	28052.57	0.37	ppb
Iron	57-2	28466.98	27874.88	28375.02	28238.96	1.13	ppb
Lead	206-1	574.49	520.34	527.02	540.62	5.46	ppb
Lead	207-1	569.42	515.89	515.42	533.58	5.82	ppb
Lead	208-1	569.70	519.97	522.97	537.54	5.19	ppb
Lithium	6-1						%
Magnesium	24-2	87540.15	86402.06	86585.34	86842.52	0.70	ppb
Manganese	55-2	1922.94	1896.72	1927.94	1915.87	0.88	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02A	Instrumnet Name :	P8
Client Sample ID :	MW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:47:15	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	581.09	530.12	538.17	549.79	4.98	ppb
Molybdenum	95-1	556.93	512.92	514.80	528.22	4.71	ppb
Molybdenum	96-1	556.40	526.34	517.74	533.49	3.80	ppb
Molybdenum	97-1	546.16	503.77	502.19	517.37	4.82	ppb
Molybdenum	98-1	552.69	517.80	508.36	526.29	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	564.33	557.10	565.91	562.45	0.84	ppb
Phosphorus	31-2	-7.05	7.49	37.75	12.73	179.55	ppb
Potassium	39-2	31805.53	31173.25	31445.96	31474.91	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	478.39	497.57	564.05	513.33	8.76	ppb
Selenium	78-2	522.92	499.34	520.33	514.20	2.51	ppb
Selenium	82-1	560.97	527.10	516.83	534.96	4.32	ppb
Silicon	28-1	10664.99	9939.73	10004.12	10202.95	3.93	ppb
Silver	109-1	548.41	500.98	499.54	516.31	5.39	ppb
Silver	107-1	540.67	504.48	500.14	515.10	4.32	ppb
Sodium	23-2	68672.02	67642.97	68936.62	68417.20	1.00	ppb
Strontium	86-1	882.58	821.66	811.69	838.64	4.58	ppb
Strontium	88-1	883.57	814.05	804.50	834.04	5.17	ppb
Sulfur	34-1	68297.98	62401.11	62724.42	64474.50	5.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	580.79	530.49	539.58	550.29	4.87	ppb
Thallium	205-1	576.78	525.21	531.73	544.57	5.16	ppb
Tin	118-1	532.06	498.27	506.75	512.36	3.43	ppb
Titanium	47-1	519.41	484.34	488.30	497.35	3.86	ppb
Uranium	238-1	558.53	519.89	513.58	530.66	4.59	ppb
Vanadium	51-2	544.25	540.90	543.18	542.77	0.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1212.64	1212.86	1215.12	1213.54	0.11	ppb
Zirconium	90-1	586.14	545.73	540.88	557.58	4.46	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02A	Instrumnet Name :	P8
Client Sample ID :	MW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:47:15	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	586.16	549.50	545.99	560.55	3.97	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-05	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:50:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.11	60.90	54.74	55.25	9.79	ppb
Antimony	121-1	1.51	1.46	1.53	1.50	2.35	ppb
Arsenic	75-2	2.45	2.44	2.66	2.52	5.03	ppb
Barium	135-1	145.80	145.94	148.05	146.59	0.86	ppb
Barium	137-1	147.67	147.97	147.85	147.83	0.10	ppb
Beryllium	9-1	0.10	0.11	0.07	0.09	23.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	86.08	87.14	85.17	86.13	1.14	ppb
Boron	11-1	84.69	84.11	84.30	84.37	0.35	ppb
Cadmium	111-1	0.02	0.00	-0.02	0.00		ppb
Cadmium	106-1	-1.11	-1.47	-1.48	-1.35		ppb
Cadmium	108-1	0.22	0.16	0.16	0.18	18.41	ppb
Calcium	43-1	114009.86	115284.83	114078.67	114457.79	0.63	ppb
Calcium	44-1	113046.58	113916.60	113058.77	113340.65	0.44	ppb
Chromium	52-2	1.06	0.90	0.99	0.99	8.07	ppb
Cobalt	59-2	0.84	0.78	0.66	0.76	11.98	ppb
Copper	63-2	4.56	4.43	4.65	4.55	2.47	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3644.02	3616.41	3587.04	3615.82	0.79	ppb
Iron	57-2	3628.61	3590.32	3545.20	3588.05	1.16	ppb
Lead	206-1	1.40	1.30	1.32	1.34	3.95	ppb
Lead	207-1	1.18	1.21	1.20	1.20	1.32	ppb
Lead	208-1	1.26	1.25	1.22	1.24	1.55	ppb
Lithium	6-1						%
Magnesium	24-2	13687.59	13325.73	13461.18	13491.50	1.36	ppb
Manganese	55-2	297.10	295.50	295.11	295.90	0.36	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-05	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:50:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.83	0.87	0.89	0.86	3.51	ppb
Molybdenum	95-1	2.22	2.27	2.26	2.25	1.15	ppb
Molybdenum	96-1	1.92	1.99	1.91	1.94	2.41	ppb
Molybdenum	97-1	2.31	2.36	2.19	2.29	3.95	ppb
Molybdenum	98-1	2.39	2.33	2.36	2.36	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.76	1.81	1.71	7.58	ppb
Phosphorus	31-2	117.01	54.08	143.74	104.94	43.86	ppb
Potassium	39-2	4322.15	4277.04	4296.87	4298.69	0.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.54	3.57	3.54	3.55	0.55	ppb
Selenium	78-2	1.59	1.61	1.03	1.41	23.12	ppb
Selenium	82-1	0.60	0.63	1.06	0.76	33.73	ppb
Silicon	28-1	9706.54	9698.19	9604.31	9669.68	0.59	ppb
Silver	109-1	0.26	0.26	0.27	0.26	1.62	ppb
Silver	107-1	0.28	0.26	0.24	0.26	9.12	ppb
Sodium	23-2	8123.09	8061.32	8024.42	8069.61	0.62	ppb
Strontium	86-1	465.85	473.97	474.37	471.40	1.02	ppb
Strontium	88-1	480.55	480.95	476.50	479.33	0.51	ppb
Sulfur	34-1	12387.29	12497.46	12340.80	12408.52	0.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.06	0.05	20.76	ppb
Thallium	205-1	0.05	0.04	0.06	0.05	10.95	ppb
Tin	118-1	6.34	6.42	6.09	6.28	2.77	ppb
Titanium	47-1	1.70	1.50	1.63	1.61	6.40	ppb
Uranium	238-1	0.26	0.27	0.28	0.27	2.16	ppb
Vanadium	51-2	0.38	0.40	0.38	0.38	2.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.75	14.28	13.41	13.81	3.16	ppb
Zirconium	90-1	0.20	0.21	0.19	0.20	6.71	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-05	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:50:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.24	0.34	0.27	20.37	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-06	Instrumnet Name :	P8
Client Sample ID :	DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:53:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.85	25.00	24.80	24.55	2.50	ppb
Antimony	121-1	1.31	1.10	1.20	1.20	8.91	ppb
Arsenic	75-2	92.25	93.25	95.57	93.69	1.82	ppb
Barium	135-1	148.82	133.34	135.96	139.37	5.94	ppb
Barium	137-1	148.95	134.75	136.74	140.14	5.49	ppb
Beryllium	9-1	0.07	0.07	0.06	0.07	9.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	118.97	116.22	113.30	116.17	2.44	ppb
Boron	11-1	120.18	115.29	114.36	116.61	2.68	ppb
Cadmium	111-1	-0.01	-0.07	-0.09	-0.06		ppb
Cadmium	106-1	-1.17	-2.08	-2.16	-1.80		ppb
Cadmium	108-1	0.12	0.11	0.19	0.14	32.07	ppb
Calcium	43-1	91598.01	83969.35	83112.94	86226.76	5.42	ppb
Calcium	44-1	90395.75	83177.25	83364.46	85645.82	4.80	ppb
Chromium	52-2	1.59	1.47	1.51	1.52	4.09	ppb
Cobalt	59-2	0.41	0.40	0.40	0.40	1.43	ppb
Copper	63-2	4.21	4.20	4.30	4.24	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6506.00	6388.23	6330.87	6408.37	1.39	ppb
Iron	57-2	6448.08	6346.66	6327.79	6374.17	1.01	ppb
Lead	206-1	1.10	0.96	0.95	1.00	8.38	ppb
Lead	207-1	0.90	0.91	0.88	0.90	1.37	ppb
Lead	208-1	0.97	0.91	0.89	0.92	4.75	ppb
Lithium	6-1						%
Magnesium	24-2	12143.87	11973.77	12027.25	12048.30	0.72	ppb
Manganese	55-2	274.25	268.83	269.17	270.75	1.12	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-06	Instrumnet Name :	P8
Client Sample ID :	DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:53:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.32	1.12	1.19	1.21	8.63	ppb
Molybdenum	95-1	3.69	3.56	3.40	3.55	3.98	ppb
Molybdenum	96-1	3.13	2.99	2.97	3.03	2.84	ppb
Molybdenum	97-1	3.83	3.58	3.40	3.60	5.98	ppb
Molybdenum	98-1	3.75	3.61	3.50	3.62	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.38	12.52	12.11	12.34	1.67	ppb
Phosphorus	31-2	39.02	-21.60	23.37	13.59	231.50	ppb
Potassium	39-2	1565.36	1534.43	1576.61	1558.80	1.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	7.09	2.36	173.21	ppb
Selenium	78-2	1.57	-0.63	1.03	0.66	174.32	ppb
Selenium	82-1	0.12	0.92	0.94	0.66	70.62	ppb
Silicon	28-1	9546.81	8850.01	8783.88	9060.23	4.67	ppb
Silver	109-1	0.21	0.20	0.17	0.19	10.72	ppb
Silver	107-1	0.21	0.20	0.17	0.19	8.32	ppb
Sodium	23-2	19347.33	19285.15	18997.02	19209.83	0.97	ppb
Strontium	86-1	497.27	459.77	460.17	472.40	4.56	ppb
Strontium	88-1	503.04	465.34	468.84	479.07	4.35	ppb
Sulfur	34-1	3433.13	2146.01	2049.25	2542.80	30.38	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.02	0.03	24.15	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	18.03	ppb
Tin	118-1	4.25	3.71	3.93	3.96	6.80	ppb
Titanium	47-1	1.08	1.04	0.99	1.04	4.23	ppb
Uranium	238-1	0.09	0.09	0.09	0.09	4.71	ppb
Vanadium	51-2	0.33	0.23	0.24	0.27	20.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.19	12.24	14.08	13.17	7.01	ppb
Zirconium	90-1	0.16	0.10	0.13	0.13	22.34	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-06	Instrumnet Name :	P8
Client Sample ID :	DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:53:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.12	0.17	0.16	20.34	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:56:29	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49726.50	49805.34	50103.22	49878.35	0.40	ppb
Antimony	121-1	476.39	476.31	480.85	477.85	0.54	ppb
Arsenic	75-2	503.02	500.67	507.79	503.83	0.72	ppb
Barium	135-1	2560.33	2552.51	2616.23	2576.36	1.35	ppb
Barium	137-1	2563.03	2541.42	2576.14	2560.20	0.69	ppb
Beryllium	9-1	472.36	469.35	478.65	473.45	1.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	481.08	473.87	491.26	482.07	1.81	ppb
Boron	11-1	472.66	475.07	494.69	480.81	2.51	ppb
Cadmium	111-1	500.33	495.69	499.03	498.35	0.48	ppb
Cadmium	106-1	502.94	501.90	506.14	503.66	0.44	ppb
Cadmium	108-1	507.93	499.21	503.65	503.60	0.87	ppb
Calcium	43-1	241878.20	243622.95	246804.09	244101.75	1.02	ppb
Calcium	44-1	242062.73	245714.42	247551.12	245109.42	1.14	ppb
Chromium	52-2	522.25	523.30	520.74	522.10	0.25	ppb
Cobalt	59-2	494.83	496.33	492.01	494.39	0.44	ppb
Copper	63-2	1010.32	1010.81	1005.07	1008.73	0.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124764.29	124887.89	124129.71	124593.96	0.33	ppb
Iron	57-2	128399.88	127447.92	126993.61	127613.80	0.56	ppb
Lead	206-1	509.63	509.65	522.55	513.94	1.45	ppb
Lead	207-1	516.05	504.22	517.88	512.72	1.45	ppb
Lead	208-1	513.41	505.47	521.47	513.45	1.56	ppb
Lithium	6-1						%
Magnesium	24-2	254516.34	254426.48	255706.52	254883.11	0.28	ppb
Manganese	55-2	1008.74	1019.05	1009.56	1012.45	0.57	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:56:29	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	488.89	503.37	507.78	500.01	1.98	ppb
Molybdenum	95-1	507.28	510.11	513.18	510.19	0.58	ppb
Molybdenum	96-1	505.82	510.62	514.20	510.21	0.82	ppb
Molybdenum	97-1	505.63	511.71	506.85	508.06	0.63	ppb
Molybdenum	98-1	503.38	507.82	514.47	508.56	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.23	508.29	500.76	506.09	0.92	ppb
Phosphorus	31-2	11142.39	10142.83	10365.55	10550.26	4.97	ppb
Potassium	39-2	128172.57	127215.66	125368.67	126918.97	1.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	550.48	472.98	492.32	505.26	7.98	ppb
Selenium	78-2	479.60	493.75	472.18	481.84	2.27	ppb
Selenium	82-1	484.82	491.38	500.09	492.10	1.56	ppb
Silicon	28-1	508.82	523.99	533.29	522.03	2.37	ppb
Silver	109-1	520.78	506.96	511.74	513.16	1.37	ppb
Silver	107-1	518.75	510.39	514.49	514.54	0.81	ppb
Sodium	23-2	258493.42	259408.20	257463.24	258454.95	0.38	ppb
Strontium	86-1	515.30	520.97	535.36	523.88	1.97	ppb
Strontium	88-1	509.08	513.29	524.38	515.58	1.53	ppb
Sulfur	34-1	10446.70	10603.51	10928.48	10659.56	2.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	509.99	514.45	523.23	515.89	1.31	ppb
Thallium	205-1	510.48	509.77	523.72	514.65	1.53	ppb
Tin	118-1	524.54	515.31	519.50	519.79	0.89	ppb
Titanium	47-1	483.51	496.45	493.81	491.26	1.39	ppb
Uranium	238-1	508.17	510.30	527.09	515.19	2.01	ppb
Vanadium	51-2	510.59	511.50	508.36	510.15	0.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	972.84	981.38	970.43	974.88	0.59	ppb
Zirconium	90-1	493.63	495.69	507.79	499.04	1.53	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:56:29	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.99	494.25	510.36	495.87	2.77	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:59:28	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.38	1.43	-1.66	0.72	293.68	ppb
Antimony	121-1	0.27	0.26	0.26	0.26	2.47	ppb
Arsenic	75-2	0.01	0.02	0.02	0.02	47.52	ppb
Barium	135-1	-0.02	0.01	0.01	0.00		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.08	0.12	0.07	0.09	25.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.54	19.40	18.44	19.79	8.03	ppb
Boron	11-1	21.59	19.37	19.14	20.03	6.76	ppb
Cadmium	111-1	-0.06	-0.07	-0.03	-0.05		ppb
Cadmium	106-1	-1.18	-1.38	-0.79	-1.12		ppb
Cadmium	108-1	0.08	0.16	0.05	0.10	60.63	ppb
Calcium	43-1	-6.29	-11.71	-21.05	-13.01		ppb
Calcium	44-1	8.39	7.72	10.21	8.77	14.67	ppb
Chromium	52-2	0.11	-0.11	0.05	0.02	595.49	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.02		ppb
Copper	63-2	0.09	0.14	0.08	0.11	28.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.99	1.28	1.11	1.13	12.94	ppb
Iron	57-2	1.10	2.94	1.70	1.91	49.15	ppb
Lead	206-1	0.05	0.02	0.05	0.04	39.60	ppb
Lead	207-1	0.04	0.02	0.05	0.04	31.87	ppb
Lead	208-1	0.04	0.03	0.05	0.04	25.45	ppb
Lithium	6-1						%
Magnesium	24-2	0.09	3.11	2.90	2.03	82.92	ppb
Manganese	55-2	0.00	0.02	0.05	0.02	91.89	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:59:28	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.05	0.08	0.07	21.30	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	13.68	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	11.06	ppb
Molybdenum	97-1	0.04	0.05	0.08	0.06	41.60	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	49.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.02	0.00		ppb
Phosphorus	31-2	-23.55	-9.80	-22.74	-18.69		ppb
Potassium	39-2	4.37	2.28	26.40	11.02	121.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.14	0.87	0.19	306.69	ppb
Selenium	82-1	0.17	-0.31	-0.55	-0.23		ppb
Silicon	28-1	-17.39	-16.83	-16.75	-16.99		ppb
Silver	109-1	0.05	0.06	0.05	0.05	12.91	ppb
Silver	107-1	0.06	0.07	0.07	0.07	13.07	ppb
Sodium	23-2	52.04	51.95	53.94	52.64	2.13	ppb
Strontium	86-1	-0.04	-0.13	-0.07	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2130.48	-2083.16	-1833.38	-2015.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.05	0.03	0.05	44.01	ppb
Thallium	205-1	0.05	0.07	0.04	0.05	23.65	ppb
Tin	118-1	0.04	0.07	0.06	0.05	23.28	ppb
Titanium	47-1	-0.01	-0.05	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	29.67	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.31	0.19	0.31	0.27	26.31	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	6.26	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:59:28	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.05	0.11	0.08	36.20	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-07	Instrumnet Name :	P8
Client Sample ID :	RINSEBLANK-GW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:02:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	1.16	0.95	0.71	83.57	ppb
Antimony	121-1	0.08	0.09	0.07	0.08	11.92	ppb
Arsenic	75-2	-0.02	0.03	-0.03	-0.01		ppb
Barium	135-1	-0.02	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	19.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.98	8.45	8.26	8.56	4.31	ppb
Boron	11-1	9.23	8.74	9.17	9.05	2.95	ppb
Cadmium	111-1	-0.06	-0.03	-0.06	-0.05		ppb
Cadmium	106-1	-0.97	-0.56	-1.01	-0.84		ppb
Cadmium	108-1	0.03	0.01	0.12	0.05	112.57	ppb
Calcium	43-1	-43.38	-50.09	-46.75	-46.74		ppb
Calcium	44-1	-22.88	-24.84	-19.54	-22.42		ppb
Chromium	52-2	-0.41	-0.29	-0.41	-0.37		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.03	0.07	0.04	0.05	33.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.13	-0.06	-0.15	-0.11		ppb
Iron	57-2	0.55	-0.30	-0.56	-0.10		ppb
Lead	206-1	0.05	0.04	0.05	0.05	6.99	ppb
Lead	207-1	0.06	0.05	0.05	0.05	13.51	ppb
Lead	208-1	0.06	0.04	0.05	0.05	15.72	ppb
Lithium	6-1						%
Magnesium	24-2	0.00	1.44	1.14	0.86	88.15	ppb
Manganese	55-2	0.03	0.04	-0.01	0.02	128.47	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-07	Instrumnet Name :	P8
Client Sample ID :	RINSEBLANK-GW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:02:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	5.02	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.38	0.28	0.34	17.31	ppb
Phosphorus	31-2	-36.74	-12.22	-36.74	-28.57		ppb
Potassium	39-2	-11.07	-4.03	-16.37	-10.49		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	5.04	2.82	0.00	2.62	96.48	ppb
Selenium	78-2	-0.24	-0.63	0.59	-0.09		ppb
Selenium	82-1	0.08	0.22	0.15	0.15	48.44	ppb
Silicon	28-1	-48.84	-48.48	-46.11	-47.81		ppb
Silver	109-1	0.02	0.03	0.02	0.02	21.75	ppb
Silver	107-1	0.03	0.03	0.02	0.03	27.55	ppb
Sodium	23-2	27.51	32.20	30.37	30.02	7.88	ppb
Strontium	86-1	-0.12	-0.13	-0.14	-0.13		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	41.70	ppb
Sulfur	34-1	-4927.60	-4728.08	-4447.23	-4700.97		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	21.58	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	26.31	ppb
Tin	118-1	0.00	0.01	-0.01	0.00		ppb
Titanium	47-1	-0.03	-0.07	-0.10	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	25.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.59	5.19	4.74	4.84	6.45	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-07	Instrumnet Name :	P8
Client Sample ID :	RINSEBLANK-GW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:02:37	DataFile Name :	038SMPL.d

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

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-08	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:05:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.34	60.78	48.53	52.88	12.95	ppb
Antimony	121-1	6.11	5.31	5.15	5.53	9.33	ppb
Arsenic	75-2	1.08	1.02	0.92	1.01	7.96	ppb
Barium	135-1	83.29	81.30	81.13	81.91	1.47	ppb
Barium	137-1	84.01	81.60	80.27	81.96	2.31	ppb
Beryllium	9-1	0.04	0.06	0.04	0.05	23.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	86.46	84.04	81.33	83.94	3.06	ppb
Boron	11-1	85.18	84.88	83.03	84.36	1.38	ppb
Cadmium	111-1	0.01	0.02	-0.09	-0.02		ppb
Cadmium	106-1	-1.16	-1.27	-2.60	-1.68		ppb
Cadmium	108-1	0.23	0.28	0.19	0.23	19.35	ppb
Calcium	43-1	92650.69	92831.00	92118.12	92533.27	0.40	ppb
Calcium	44-1	94003.41	93452.20	91310.61	92922.07	1.53	ppb
Chromium	52-2	2.04	2.13	1.97	2.05	4.05	ppb
Cobalt	59-2	2.57	2.65	2.76	2.66	3.62	ppb
Copper	63-2	8.05	8.25	7.98	8.09	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	158.98	161.34	158.63	159.65	0.92	ppb
Iron	57-2	152.90	171.70	155.42	160.01	6.38	ppb
Lead	206-1	1.32	1.23	1.22	1.26	4.14	ppb
Lead	207-1	1.14	1.20	1.14	1.16	2.84	ppb
Lead	208-1	1.20	1.22	1.17	1.20	2.02	ppb
Lithium	6-1						%
Magnesium	24-2	11041.97	11459.01	11320.34	11273.77	1.88	ppb
Manganese	55-2	344.45	361.83	348.48	351.59	2.59	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-08	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:05:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.39	1.23	1.14	1.25	10.16	ppb
Molybdenum	95-1	2.82	2.62	2.61	2.68	4.41	ppb
Molybdenum	96-1	2.38	2.36	2.22	2.32	3.83	ppb
Molybdenum	97-1	2.84	2.68	2.73	2.75	2.99	ppb
Molybdenum	98-1	2.76	2.72	2.77	2.75	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.39	9.24	8.78	8.80	4.82	ppb
Phosphorus	31-2	38.98	27.23	25.71	30.64	23.70	ppb
Potassium	39-2	5015.02	5239.84	5153.81	5136.22	2.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.20	3.62	7.24	6.02	34.52	ppb
Selenium	78-2	-0.07	1.07	-0.06	0.31	209.57	ppb
Selenium	82-1	1.12	1.80	1.68	1.54	23.71	ppb
Silicon	28-1	10521.57	10339.37	10176.61	10345.85	1.67	ppb
Silver	109-1	0.39	0.35	0.34	0.36	6.97	ppb
Silver	107-1	0.38	0.36	0.31	0.35	9.79	ppb
Sodium	23-2	12026.27	12526.61	12255.70	12269.53	2.04	ppb
Strontium	86-1	419.56	411.47	406.24	412.42	1.63	ppb
Strontium	88-1	431.76	419.04	414.59	421.79	2.11	ppb
Sulfur	34-1	31187.79	30576.65	28565.19	30109.88	4.56	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.19	0.15	0.16	0.16	13.76	ppb
Thallium	205-1	0.19	0.17	0.16	0.17	6.67	ppb
Tin	118-1	4.35	4.07	3.80	4.07	6.84	ppb
Titanium	47-1	1.78	1.57	1.44	1.59	10.60	ppb
Uranium	238-1	0.14	0.14	0.14	0.14	1.48	ppb
Vanadium	51-2	0.72	0.70	0.77	0.73	5.00	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	81.54	85.32	81.52	82.79	2.64	ppb
Zirconium	90-1	0.71	0.56	0.51	0.59	17.40	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-08	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:05:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.58	0.51	0.55	0.54	6.49	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-09	Instrumnet Name :	P8
Client Sample ID :	MW-4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:08:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	300.31	290.24	271.79	287.45	5.03	ppb
Antimony	121-1	2.12	2.15	2.20	2.16	2.01	ppb
Arsenic	75-2	3.20	3.08	3.13	3.14	1.93	ppb
Barium	135-1	241.37	243.32	246.85	243.84	1.14	ppb
Barium	137-1	242.45	246.09	247.66	245.40	1.09	ppb
Beryllium	9-1	0.03	0.06	0.02	0.04	54.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	68.14	69.69	73.81	70.55	4.15	ppb
Boron	11-1	72.58	71.22	72.15	71.98	0.97	ppb
Cadmium	111-1	-0.06	-0.09	-0.13	-0.09		ppb
Cadmium	106-1	-1.52	-2.02	-2.56	-2.04		ppb
Cadmium	108-1	0.13	0.29	0.19	0.20	40.70	ppb
Calcium	43-1	116484.96	116379.16	117670.43	116844.85	0.61	ppb
Calcium	44-1	116609.78	117197.88	116226.02	116677.89	0.42	ppb
Chromium	52-2	1.06	0.83	0.75	0.88	18.09	ppb
Cobalt	59-2	1.06	1.00	1.03	1.03	2.70	ppb
Copper	63-2	5.75	5.91	6.02	5.89	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1690.39	1666.33	1683.80	1680.17	0.74	ppb
Iron	57-2	1745.50	1652.30	1741.58	1713.13	3.08	ppb
Lead	206-1	10.74	10.78	10.86	10.79	0.59	ppb
Lead	207-1	10.08	9.91	9.85	9.95	1.19	ppb
Lead	208-1	10.35	10.24	10.38	10.32	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	21590.95	21222.84	21202.57	21338.79	1.02	ppb
Manganese	55-2	808.44	794.62	797.86	800.31	0.90	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-09	Instrumnet Name :	P8
Client Sample ID :	MW-4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:08:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.84	0.86	0.86	0.85	1.19	ppb
Molybdenum	95-1	0.98	1.00	1.03	1.00	2.80	ppb
Molybdenum	96-1	0.99	1.00	0.97	0.99	1.41	ppb
Molybdenum	97-1	1.00	0.94	1.08	1.01	7.06	ppb
Molybdenum	98-1	1.08	1.10	1.04	1.08	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.37	2.29	2.13	2.26	5.36	ppb
Phosphorus	31-2	105.29	102.22	135.64	114.38	16.15	ppb
Potassium	39-2	2687.70	2610.14	2619.44	2639.09	1.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.66	3.60	7.36	4.88	44.21	ppb
Selenium	78-2	-0.06	-0.63	2.25	0.52	292.76	ppb
Selenium	82-1	-0.17	0.38	1.18	0.47	145.80	ppb
Silicon	28-1	10095.29	9966.62	10065.63	10042.51	0.67	ppb
Silver	109-1	0.21	0.19	0.23	0.21	8.42	ppb
Silver	107-1	0.19	0.23	0.22	0.21	9.51	ppb
Sodium	23-2	25873.04	25272.58	25556.80	25567.47	1.17	ppb
Strontium	86-1	425.60	430.56	431.55	429.24	0.74	ppb
Strontium	88-1	433.57	436.03	440.90	436.83	0.85	ppb
Sulfur	34-1	3437.98	3370.18	3200.72	3336.30	3.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.01	0.02	36.08	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	20.70	ppb
Tin	118-1	2.58	2.74	2.98	2.77	7.32	ppb
Titanium	47-1	6.67	6.19	6.94	6.60	5.78	ppb
Uranium	238-1	0.29	0.29	0.28	0.29	2.57	ppb
Vanadium	51-2	2.04	2.01	2.00	2.02	1.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	25.06	24.16	24.55	24.59	1.83	ppb
Zirconium	90-1	0.80	0.76	0.85	0.80	5.26	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-09	Instrumnet Name :	P8
Client Sample ID :	MW-4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:08:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.72	0.75	0.78	9.21	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-10	Instrumnet Name :	P8
Client Sample ID :	MW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:11:58	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1668.36	1625.33	1642.17	1645.28	1.32	ppb
Antimony	121-1	5.54	5.27	5.79	5.53	4.73	ppb
Arsenic	75-2	5.74	5.63	5.33	5.56	3.84	ppb
Barium	135-1	73.36	73.77	79.70	75.61	4.69	ppb
Barium	137-1	74.11	73.90	79.45	75.82	4.15	ppb
Beryllium	9-1	0.15	0.09	0.12	0.12	26.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	85.00	81.45	93.12	86.52	6.91	ppb
Boron	11-1	81.29	82.32	87.21	83.61	3.79	ppb
Cadmium	111-1	0.18	0.11	0.13	0.14	27.13	ppb
Cadmium	106-1	-0.26	-1.04	-1.21	-0.84		ppb
Cadmium	108-1	0.38	0.24	0.26	0.29	26.50	ppb
Calcium	43-1	76660.37	76188.28	82469.00	78439.22	4.46	ppb
Calcium	44-1	75998.84	77475.03	82873.86	78782.58	4.59	ppb
Chromium	52-2	7.99	7.94	8.24	8.05	1.98	ppb
Cobalt	59-2	1.90	2.01	1.93	1.95	2.91	ppb
Copper	63-2	16.62	17.11	16.44	16.72	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4316.07	4354.15	4246.44	4305.56	1.27	ppb
Iron	57-2	4186.50	4308.68	4235.60	4243.60	1.45	ppb
Lead	206-1	35.26	35.50	38.17	36.31	4.45	ppb
Lead	207-1	31.75	32.38	34.29	32.81	4.03	ppb
Lead	208-1	33.46	33.66	36.02	34.38	4.15	ppb
Lithium	6-1						%
Magnesium	24-2	21512.69	21840.83	21436.39	21596.64	1.00	ppb
Manganese	55-2	328.05	333.90	328.90	330.28	0.96	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-10	Instrumnet Name :	P8
Client Sample ID :	MW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:11:58	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.77	6.72	7.45	6.98	5.83	ppb
Molybdenum	95-1	18.63	18.53	19.83	18.99	3.80	ppb
Molybdenum	96-1	15.64	15.91	16.76	16.10	3.63	ppb
Molybdenum	97-1	18.61	18.83	20.29	19.24	4.75	ppb
Molybdenum	98-1	18.87	18.50	20.04	19.14	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.93	5.67	5.44	5.68	4.35	ppb
Phosphorus	31-2	316.58	118.27	178.28	204.38	49.76	ppb
Potassium	39-2	6200.06	6127.84	6106.87	6144.92	0.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	10.67	7.07	5.91	91.81	ppb
Selenium	78-2	3.82	2.70	1.58	2.70	41.55	ppb
Selenium	82-1	1.36	0.30	1.13	0.93	60.17	ppb
Silicon	28-1	8409.61	8569.79	9136.44	8705.28	4.39	ppb
Silver	109-1	0.20	0.23	0.20	0.21	7.72	ppb
Silver	107-1	0.19	0.22	0.20	0.20	7.74	ppb
Sodium	23-2	38572.59	38694.30	38473.14	38580.01	0.29	ppb
Strontium	86-1	646.15	642.73	686.05	658.31	3.66	ppb
Strontium	88-1	641.89	645.75	687.94	658.52	3.88	ppb
Sulfur	34-1	22204.42	22729.06	24895.52	23276.33	6.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.06	0.07	0.06	23.69	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	11.85	ppb
Tin	118-1	4.59	4.61	4.76	4.66	1.97	ppb
Titanium	47-1	36.23	36.14	39.44	37.27	5.05	ppb
Uranium	238-1	3.00	2.98	3.06	3.02	1.38	ppb
Vanadium	51-2	5.79	5.76	5.48	5.68	3.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	76.36	77.48	76.52	76.78	0.79	ppb
Zirconium	90-1	1.29	1.26	1.43	1.33	6.78	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-10	Instrumnet Name :	P8
Client Sample ID :	MW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:11:58	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.32	1.19	1.40	1.30	8.18	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-11	Instrumnet Name :	P8
Client Sample ID :	MW-3-OLDWELL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:15:05	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1737.99	1747.21	1790.76	1758.65	1.60	ppb
Antimony	121-1	1.95	2.00	1.97	1.97	1.45	ppb
Arsenic	75-2	6.55	5.76	5.72	6.01	7.83	ppb
Barium	135-1	116.85	121.09	116.67	118.20	2.12	ppb
Barium	137-1	118.00	121.05	120.05	119.70	1.30	ppb
Beryllium	9-1	0.12	0.10	0.12	0.11	7.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	176.12	182.15	180.84	179.70	1.77	ppb
Boron	11-1	176.54	178.80	178.73	178.02	0.72	ppb
Cadmium	111-1	0.55	0.49	0.50	0.51	7.02	ppb
Cadmium	106-1	0.15	-1.17	-1.65	-0.89		ppb
Cadmium	108-1	0.60	0.69	0.61	0.63	8.29	ppb
Calcium	43-1	192186.41	191137.88	190731.02	191351.77	0.39	ppb
Calcium	44-1	192579.73	190396.38	190167.39	191047.84	0.70	ppb
Chromium	52-2	3.96	4.39	4.18	4.17	5.19	ppb
Cobalt	59-2	3.79	3.92	3.79	3.83	1.89	ppb
Copper	63-2	13.28	13.83	12.89	13.33	3.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4709.57	4941.24	4642.79	4764.53	3.29	ppb
Iron	57-2	4638.24	4897.05	4596.02	4710.44	3.46	ppb
Lead	206-1	19.66	19.33	19.16	19.38	1.30	ppb
Lead	207-1	17.97	18.20	17.81	17.99	1.09	ppb
Lead	208-1	18.74	18.88	18.49	18.70	1.03	ppb
Lithium	6-1						%
Magnesium	24-2	58055.21	61609.91	56036.60	58567.24	4.82	ppb
Manganese	55-2	989.61	1050.91	981.71	1007.41	3.76	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-11	Instrumnet Name :	P8
Client Sample ID :	MW-3-OLDWELL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:15:05	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.89	2.00	1.90	1.93	3.24	ppb
Molybdenum	95-1	2.65	2.44	2.65	2.58	4.57	ppb
Molybdenum	96-1	2.48	2.43	2.51	2.47	1.62	ppb
Molybdenum	97-1	2.70	2.82	2.81	2.78	2.49	ppb
Molybdenum	98-1	2.83	2.72	2.68	2.74	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.63	7.40	6.18	6.74	9.17	ppb
Phosphorus	31-2	133.64	78.97	160.63	124.41	33.44	ppb
Potassium	39-2	4539.34	4785.78	4356.67	4560.60	4.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.51	18.59	14.17	12.09	64.09	ppb
Selenium	78-2	2.67	1.11	2.69	2.16	41.88	ppb
Selenium	82-1	1.42	1.97	1.91	1.77	17.21	ppb
Silicon	28-1	9746.81	9525.96	9578.04	9616.94	1.20	ppb
Silver	109-1	0.18	0.19	0.19	0.19	4.44	ppb
Silver	107-1	0.21	0.19	0.20	0.20	5.53	ppb
Sodium	23-2	55804.28	58113.70	54035.65	55984.55	3.65	ppb
Strontium	86-1	956.81	950.70	942.66	950.06	0.75	ppb
Strontium	88-1	938.50	941.62	937.71	939.28	0.22	ppb
Sulfur	34-1	63395.92	62329.17	62461.44	62728.84	0.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.08	0.08	0.08	8.31	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	8.16	ppb
Tin	118-1	2.56	2.67	2.64	2.62	2.19	ppb
Titanium	47-1	29.77	27.69	29.52	28.99	3.93	ppb
Uranium	238-1	5.80	5.81	5.75	5.79	0.57	ppb
Vanadium	51-2	5.05	5.33	4.74	5.04	5.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	174.14	183.84	171.28	176.42	3.73	ppb
Zirconium	90-1	1.66	1.70	1.57	1.65	4.10	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-11	Instrumnet Name :	P8
Client Sample ID :	MW-3-OLDWELL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:15:05	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.54	1.61	1.56	1.57	2.27	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : PB101046BL Instrumnet Name : P8
 Client Sample ID : PB101046BL Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:18:10 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.17	0.32	-0.67	0.94	212.17	ppb
Antimony	121-1	0.05	0.06	0.04	0.05	15.25	ppb
Arsenic	75-2	0.00	0.00	0.02	0.00	327.34	ppb
Barium	135-1	0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	120.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.15	12.26	13.32	12.58	5.16	ppb
Boron	11-1	12.85	11.70	12.63	12.39	4.92	ppb
Cadmium	111-1	-0.03	-0.07	-0.06	-0.05		ppb
Cadmium	106-1	-0.35	-0.86	-0.85	-0.69		ppb
Cadmium	108-1	0.09	0.00	0.00	0.03	172.70	ppb
Calcium	43-1	-2.32	-18.00	-7.28	-9.20		ppb
Calcium	44-1	6.97	-0.77	5.81	4.00	104.31	ppb
Chromium	52-2	-0.05	0.05	0.00	0.00		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.16	0.11	0.12	0.13	18.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.45	0.68	0.54	0.55	20.92	ppb
Iron	57-2	1.98	-1.24	0.72	0.49	332.31	ppb
Lead	206-1	0.01	0.03	0.01	0.02	34.38	ppb
Lead	207-1	0.01	0.02	0.03	0.02	54.08	ppb
Lead	208-1	0.01	0.01	0.01	0.01	27.74	ppb
Lithium	6-1						%
Magnesium	24-2	0.57	1.65	1.46	1.23	47.03	ppb
Manganese	55-2	0.04	0.02	0.03	0.03	27.08	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BL	Instrumnet Name :	P8
Client Sample ID :	PB101046BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:18:10	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	-0.01	0.01	0.00	357.84	ppb
Molybdenum	97-1	0.03	0.05	0.04	0.04	23.91	ppb
Molybdenum	98-1	-0.01	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.02	0.00	3462.93	ppb
Phosphorus	31-2	13.78	-36.74	-23.81	-15.59		ppb
Potassium	39-2	7.95	9.95	4.91	7.60	33.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.03	0.00	1.01	173.21	ppb
Selenium	78-2	0.80	2.69	0.31	1.27	99.19	ppb
Selenium	82-1	0.72	-0.24	-0.54	-0.02		ppb
Silicon	28-1	-9.56	-18.74	-17.48	-15.26		ppb
Silver	109-1	0.04	0.03	0.03	0.03	13.98	ppb
Silver	107-1	0.04	0.03	0.03	0.03	9.70	ppb
Sodium	23-2	26.18	26.84	24.09	25.70	5.59	ppb
Strontium	86-1	-0.07	-0.04	-0.07	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1335.52	-1578.05	-1154.35	-1355.97		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	125.48	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	-0.03	-0.03	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	199.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.19	0.23	0.22	0.22	9.80	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BL	Instrumnet Name :	P8
Client Sample ID :	PB101046BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:18:10	DataFile Name :	043CCBE.d

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

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BS	Instrumnet Name :	P8
Client Sample ID :	PB101046BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:21:19	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9492.74	9766.19	9777.69	9678.88	1.67	ppb
Antimony	121-1	510.27	518.70	519.41	516.13	0.99	ppb
Arsenic	75-2	511.08	506.64	501.18	506.30	0.98	ppb
Barium	135-1	2566.47	2592.89	2657.07	2605.47	1.79	ppb
Barium	137-1	2527.18	2581.36	2594.55	2567.70	1.39	ppb
Beryllium	9-1	460.57	462.32	461.09	461.33	0.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	438.73	448.55	444.36	443.88	1.11	ppb
Boron	11-1	436.84	453.68	455.58	448.70	2.30	ppb
Cadmium	111-1	511.96	515.33	518.52	515.27	0.64	ppb
Cadmium	106-1	509.59	526.42	521.78	519.27	1.67	ppb
Cadmium	108-1	518.28	521.00	528.43	522.57	1.01	ppb
Calcium	43-1	49310.92	49288.46	48939.54	49179.64	0.42	ppb
Calcium	44-1	49018.72	49055.29	49181.74	49085.25	0.17	ppb
Chromium	52-2	500.12	517.11	514.12	510.45	1.78	ppb
Cobalt	59-2	494.60	514.15	510.16	506.30	2.04	ppb
Copper	63-2	1025.42	1047.73	1059.55	1044.24	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25509.89	26436.91	26254.14	26066.98	1.88	ppb
Iron	57-2	25677.57	26732.39	26555.11	26321.69	2.15	ppb
Lead	206-1	490.57	493.92	498.94	494.47	0.85	ppb
Lead	207-1	490.19	500.17	497.07	495.81	1.03	ppb
Lead	208-1	494.28	495.91	499.43	496.54	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	51407.08	52755.92	52132.36	52098.45	1.30	ppb
Manganese	55-2	993.21	1037.05	1018.88	1016.38	2.17	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BS	Instrumnet Name :	P8
Client Sample ID :	PB101046BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:21:19	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.27	500.46	494.25	498.66	0.77	ppb
Molybdenum	95-1	503.10	504.97	499.54	502.54	0.55	ppb
Molybdenum	96-1	502.03	504.76	499.54	502.11	0.52	ppb
Molybdenum	97-1	490.95	499.15	492.47	494.19	0.88	ppb
Molybdenum	98-1	498.67	504.07	500.30	501.01	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.44	520.12	519.21	514.26	1.82	ppb
Phosphorus	31-2	9426.10	10544.03	10002.22	9990.78	5.60	ppb
Potassium	39-2	24674.91	25753.04	25469.11	25299.02	2.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	543.12	459.20	523.09	508.47	8.62	ppb
Selenium	78-2	506.92	500.95	494.70	500.85	1.22	ppb
Selenium	82-1	499.38	498.67	499.62	499.22	0.10	ppb
Silicon	28-1	480.43	486.11	493.47	486.67	1.34	ppb
Silver	109-1	532.44	538.86	543.44	538.25	1.03	ppb
Silver	107-1	530.20	536.34	534.69	533.75	0.60	ppb
Sodium	23-2	51598.61	53127.44	52394.20	52373.42	1.46	ppb
Strontium	86-1	505.70	502.22	500.11	502.68	0.56	ppb
Strontium	88-1	500.08	496.40	499.40	498.63	0.39	ppb
Sulfur	34-1	10627.52	10820.80	10868.89	10772.40	1.19	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.19	490.25	507.46	498.30	1.74	ppb
Thallium	205-1	493.95	488.83	499.07	493.95	1.04	ppb
Tin	118-1	525.19	528.01	532.64	528.62	0.71	ppb
Titanium	47-1	485.77	490.87	489.73	488.79	0.55	ppb
Uranium	238-1	484.98	478.18	490.65	484.60	1.29	ppb
Vanadium	51-2	497.86	518.08	512.77	509.57	2.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	996.99	1027.62	1030.73	1018.45	1.83	ppb
Zirconium	90-1	499.92	500.81	500.63	500.46	0.09	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BS	Instrumnet Name :	P8
Client Sample ID :	PB101046BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:21:19	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.48	502.88	501.09	500.49	0.55	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-01 Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:24:19 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53.85	52.80	46.82	51.16	7.41	ppb
Antimony	121-1	2.68	2.30	1.99	2.32	15.06	ppb
Arsenic	75-2	50.96	54.42	52.15	52.51	3.35	ppb
Barium	135-1	462.21	452.63	450.87	455.24	1.34	ppb
Barium	137-1	458.55	465.01	457.61	460.39	0.87	ppb
Beryllium	9-1	0.05	0.09	0.06	0.07	36.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	154.99	160.02	153.86	156.29	2.10	ppb
Boron	11-1	160.36	161.74	159.02	160.37	0.85	ppb
Cadmium	111-1	0.06	0.12	0.05	0.07	49.03	ppb
Cadmium	106-1	-1.22	-0.46	-1.25	-0.98		ppb
Cadmium	108-1	0.28	0.30	0.13	0.24	38.41	ppb
Calcium	43-1	100005.43	98202.43	99203.90	99137.25	0.91	ppb
Calcium	44-1	98749.34	98478.84	98419.72	98549.30	0.18	ppb
Chromium	52-2	1.65	1.69	1.64	1.66	1.64	ppb
Cobalt	59-2	0.44	0.44	0.44	0.44	0.50	ppb
Copper	63-2	3.21	3.55	3.57	3.44	5.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9842.36	10133.59	10029.86	10001.94	1.48	ppb
Iron	57-2	9777.16	10241.21	10006.74	10008.37	2.32	ppb
Lead	206-1	0.38	0.38	0.38	0.38	0.53	ppb
Lead	207-1	0.34	0.35	0.29	0.33	8.67	ppb
Lead	208-1	0.35	0.36	0.33	0.35	4.55	ppb
Lithium	6-1						%
Magnesium	24-2	13312.79	13858.87	13594.56	13588.74	2.01	ppb
Manganese	55-2	193.63	203.24	196.83	197.90	2.47	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:24:19	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.91	0.88	0.88	0.89	1.90	ppb
Molybdenum	95-1	1.42	1.49	1.52	1.48	3.66	ppb
Molybdenum	96-1	1.38	1.42	1.38	1.39	1.80	ppb
Molybdenum	97-1	1.67	1.72	1.64	1.67	2.32	ppb
Molybdenum	98-1	1.57	1.55	1.57	1.56	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.21	59.81	58.24	58.75	1.56	ppb
Phosphorus	31-2	81.68	-5.80	8.50	28.13	166.84	ppb
Potassium	39-2	1217.54	1295.49	1222.82	1245.28	3.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.00	-0.63	1.58	0.65	176.21	ppb
Selenium	82-1	1.08	0.63	0.16	0.62	74.26	ppb
Silicon	28-1	10301.97	10443.65	10254.71	10333.44	0.95	ppb
Silver	109-1	0.22	0.20	0.20	0.21	7.63	ppb
Silver	107-1	0.22	0.23	0.21	0.22	4.58	ppb
Sodium	23-2	69088.16	71052.24	69665.20	69935.20	1.44	ppb
Strontium	86-1	541.30	544.63	543.46	543.13	0.31	ppb
Strontium	88-1	533.64	539.89	542.94	538.82	0.88	ppb
Sulfur	34-1	-2193.22	-2188.92	-2357.54	-2246.56		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.05	0.03	0.05	38.50	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	20.63	ppb
Tin	118-1	2.03	1.98	1.92	1.98	2.93	ppb
Titanium	47-1	1.02	1.09	0.86	0.99	11.96	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.94	ppb
Vanadium	51-2	2.27	2.40	2.13	2.27	5.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.35	17.29	15.85	16.50	4.43	ppb
Zirconium	90-1	0.52	0.49	0.47	0.49	4.65	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:24:19	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.51	0.53	0.51	0.52	2.09	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-01DUP Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718DL Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:27:24 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.25	40.25	50.23	47.24	12.86	ppb
Antimony	121-1	1.46	1.42	1.40	1.43	2.19	ppb
Arsenic	75-2	53.98	53.34	53.89	53.74	0.64	ppb
Barium	135-1	475.54	473.87	459.39	469.60	1.89	ppb
Barium	137-1	493.10	489.53	476.82	486.48	1.76	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	7.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	155.69	153.39	159.90	156.33	2.11	ppb
Boron	11-1	160.58	159.77	160.50	160.28	0.28	ppb
Cadmium	111-1	0.00	-0.04	0.03	0.00		ppb
Cadmium	106-1	-1.49	-2.01	-0.96	-1.49		ppb
Cadmium	108-1	0.14	0.19	0.13	0.15	21.14	ppb
Calcium	43-1	103308.15	103197.15	103023.88	103176.39	0.14	ppb
Calcium	44-1	102775.89	101742.28	102192.98	102237.05	0.51	ppb
Chromium	52-2	1.06	1.01	1.07	1.05	2.80	ppb
Cobalt	59-2	0.43	0.48	0.44	0.45	5.47	ppb
Copper	63-2	3.71	3.88	3.77	3.79	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10375.36	10352.42	10033.29	10253.69	1.86	ppb
Iron	57-2	10274.26	10405.25	10076.83	10252.12	1.61	ppb
Lead	206-1	0.31	0.35	0.31	0.32	7.19	ppb
Lead	207-1	0.27	0.32	0.27	0.29	9.36	ppb
Lead	208-1	0.30	0.31	0.29	0.30	2.62	ppb
Lithium	6-1						%
Magnesium	24-2	14068.54	14061.79	13841.07	13990.46	0.93	ppb
Manganese	55-2	202.05	205.01	198.00	201.69	1.74	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718DL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:27:24	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.67	0.65	0.63	0.65	2.44	ppb
Molybdenum	95-1	1.52	1.48	1.54	1.51	2.06	ppb
Molybdenum	96-1	1.36	1.32	1.38	1.35	2.15	ppb
Molybdenum	97-1	1.72	1.51	1.72	1.65	7.16	ppb
Molybdenum	98-1	1.71	1.65	1.66	1.67	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.74	61.35	59.94	60.68	1.16	ppb
Phosphorus	31-2	-36.74	54.52	22.21	13.33	347.21	ppb
Potassium	39-2	1241.35	1267.83	1242.90	1250.69	1.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.56	0.47	1.02	1.02	53.65	ppb
Selenium	82-1	0.61	0.15	0.39	0.39	59.46	ppb
Silicon	28-1	10742.47	10663.94	10756.02	10720.81	0.46	ppb
Silver	109-1	0.15	0.16	0.15	0.15	5.12	ppb
Silver	107-1	0.17	0.15	0.15	0.16	7.80	ppb
Sodium	23-2	72045.40	71521.86	70985.50	71517.59	0.74	ppb
Strontium	86-1	559.56	552.13	558.10	556.60	0.71	ppb
Strontium	88-1	551.40	553.46	553.68	552.85	0.23	ppb
Sulfur	34-1	-2058.42	-2242.60	-2131.90	-2144.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	55.86	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.88	ppb
Tin	118-1	1.79	1.85	1.75	1.80	2.88	ppb
Titanium	47-1	0.96	0.99	1.27	1.07	16.25	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	31.81	ppb
Vanadium	51-2	2.41	2.50	2.37	2.43	2.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.33	11.60	11.09	11.34	2.28	ppb
Zirconium	90-1	0.29	0.24	0.27	0.27	10.08	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718DL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:27:24	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.26	0.29	0.27	7.62	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-01LX5 Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718L Dilution Factor : 5
 Date & Time Acquired :: 2017-07-28 17:30:30 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.08	15.76	7.94	12.26	32.41	ppb
Antimony	121-1	0.43	0.38	0.41	0.40	6.14	ppb
Arsenic	75-2	9.98	10.35	10.18	10.17	1.84	ppb
Barium	135-1	93.50	91.44	91.16	92.03	1.39	ppb
Barium	137-1	93.22	91.19	91.73	92.05	1.14	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	63.65	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.71	44.21	45.18	44.36	1.69	ppb
Boron	11-1	45.33	46.34	45.60	45.76	1.14	ppb
Cadmium	111-1	-0.05	-0.06	-0.08	-0.06		ppb
Cadmium	106-1	-1.07	-1.19	-1.40	-1.22		ppb
Cadmium	108-1	0.05	0.00	0.11	0.05	104.97	ppb
Calcium	43-1	19879.16	19432.78	19797.68	19703.21	1.21	ppb
Calcium	44-1	20371.30	19748.28	19915.68	20011.75	1.61	ppb
Chromium	52-2	0.18	0.22	0.09	0.17	39.36	ppb
Cobalt	59-2	0.08	0.06	0.07	0.07	17.22	ppb
Copper	63-2	0.73	0.75	0.74	0.74	0.87	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2063.87	1991.68	1981.21	2012.25	2.24	ppb
Iron	57-2	1993.76	1956.09	2004.58	1984.81	1.28	ppb
Lead	206-1	0.06	0.07	0.06	0.06	14.56	ppb
Lead	207-1	0.07	0.07	0.06	0.06	5.12	ppb
Lead	208-1	0.06	0.06	0.06	0.06	7.61	ppb
Lithium	6-1						%
Magnesium	24-2	2696.71	2664.56	2705.57	2688.95	0.80	ppb
Manganese	55-2	39.12	37.93	38.75	38.60	1.57	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 17:30:30	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.10	0.12	0.12	10.14	ppb
Molybdenum	95-1	0.29	0.28	0.29	0.29	2.04	ppb
Molybdenum	96-1	0.27	0.25	0.28	0.27	4.15	ppb
Molybdenum	97-1	0.34	0.37	0.31	0.34	8.74	ppb
Molybdenum	98-1	0.29	0.28	0.31	0.29	6.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.16	11.37	11.32	11.28	0.98	ppb
Phosphorus	31-2	18.26	-9.97	32.94	13.74	158.65	ppb
Potassium	39-2	233.19	235.74	227.74	232.22	1.76	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.35	-0.14	-0.12	0.03	850.25	ppb
Selenium	82-1	-0.39	0.46	-0.64	-0.19		ppb
Silicon	28-1	2160.21	2074.38	2081.16	2105.25	2.27	ppb
Silver	109-1	0.05	0.07	0.05	0.06	24.53	ppb
Silver	107-1	0.06	0.07	0.06	0.06	13.64	ppb
Sodium	23-2	13959.34	13659.17	13821.86	13813.46	1.09	ppb
Strontium	86-1	105.93	104.85	103.54	104.77	1.14	ppb
Strontium	88-1	108.65	108.24	106.39	107.76	1.12	ppb
Sulfur	34-1	-1790.26	-2235.01	-1907.62	-1977.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.01	0.00	0.00	279.41	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	269.16	ppb
Tin	118-1	0.14	0.14	0.13	0.14	4.35	ppb
Titanium	47-1	0.23	0.14	0.13	0.17	31.81	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.44	0.49	0.41	0.44	8.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.71	2.06	2.49	2.42	13.62	ppb
Zirconium	90-1	0.01	0.02	0.04	0.02	59.59	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 17:30:30	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.04	0.04	31.14	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:33:37	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49605.92	49466.20	49307.80	49459.97	0.30	ppb
Antimony	121-1	501.50	495.00	511.48	502.66	1.65	ppb
Arsenic	75-2	498.85	504.05	506.84	503.25	0.81	ppb
Barium	135-1	2589.95	2595.55	2621.48	2602.32	0.65	ppb
Barium	137-1	2563.34	2562.97	2622.55	2582.95	1.33	ppb
Beryllium	9-1	487.96	478.56	491.53	486.02	1.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	475.40	475.05	489.43	479.96	1.71	ppb
Boron	11-1	483.24	481.67	500.96	488.62	2.19	ppb
Cadmium	111-1	505.60	504.89	511.25	507.25	0.69	ppb
Cadmium	106-1	510.10	514.21	523.19	515.83	1.30	ppb
Cadmium	108-1	509.91	508.40	513.13	510.48	0.47	ppb
Calcium	43-1	243992.21	244501.93	247399.66	245297.93	0.75	ppb
Calcium	44-1	248430.20	247619.34	249584.90	248544.81	0.40	ppb
Chromium	52-2	519.41	515.29	516.22	516.97	0.42	ppb
Cobalt	59-2	490.61	489.34	484.49	488.15	0.66	ppb
Copper	63-2	993.72	993.89	997.69	995.10	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124272.58	122593.35	122463.09	123109.67	0.82	ppb
Iron	57-2	126576.42	126902.67	125825.85	126434.98	0.44	ppb
Lead	206-1	507.87	523.25	527.09	519.40	1.96	ppb
Lead	207-1	505.85	522.76	521.34	516.65	1.82	ppb
Lead	208-1	507.77	517.68	523.72	516.39	1.56	ppb
Lithium	6-1						%
Magnesium	24-2	251745.93	251194.75	251038.91	251326.53	0.15	ppb
Manganese	55-2	1010.14	1005.69	999.42	1005.09	0.54	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:33:37	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.70	499.80	515.77	506.09	1.68	ppb
Molybdenum	95-1	511.19	509.45	523.09	514.58	1.44	ppb
Molybdenum	96-1	511.99	513.07	520.71	515.26	0.92	ppb
Molybdenum	97-1	507.72	501.96	518.37	509.35	1.63	ppb
Molybdenum	98-1	510.65	510.61	520.01	513.76	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.62	496.06	493.51	496.40	0.62	ppb
Phosphorus	31-2	9832.53	9878.83	9782.59	9831.32	0.49	ppb
Potassium	39-2	125559.25	126506.64	124342.51	125469.47	0.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	516.56	484.85	518.52	506.64	3.73	ppb
Selenium	78-2	506.89	480.06	502.33	496.43	2.89	ppb
Selenium	82-1	494.13	492.55	513.27	499.99	2.31	ppb
Silicon	28-1	512.35	533.45	533.14	526.31	2.30	ppb
Silver	109-1	513.11	518.85	524.35	518.77	1.08	ppb
Silver	107-1	518.14	521.74	523.33	521.07	0.51	ppb
Sodium	23-2	255293.61	254666.09	254745.18	254901.63	0.13	ppb
Strontium	86-1	523.86	526.67	530.72	527.08	0.65	ppb
Strontium	88-1	518.80	517.35	527.03	521.06	1.00	ppb
Sulfur	34-1	11153.30	11360.44	11417.93	11310.56	1.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.17	527.61	527.01	519.26	2.68	ppb
Thallium	205-1	503.11	520.88	521.38	515.12	2.02	ppb
Tin	118-1	529.61	522.69	534.69	529.00	1.14	ppb
Titanium	47-1	494.45	492.96	502.25	496.55	1.00	ppb
Uranium	238-1	500.57	511.99	519.19	510.58	1.84	ppb
Vanadium	51-2	506.32	502.37	501.40	503.36	0.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	964.07	963.64	961.87	963.20	0.12	ppb
Zirconium	90-1	495.58	495.67	504.02	498.42	0.97	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:33:37	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.22	498.44	508.72	502.12	1.14	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB35 Instrumnet Name : P8
 Client Sample ID : CCB35 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:36:36 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.41	0.36	-0.65	1.04	204.00	ppb
Antimony	121-1	0.24	0.28	0.25	0.26	8.93	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	1.91	ppb
Barium	135-1	-0.02	0.01	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.07	0.08	0.07	0.07	6.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.41	15.69	16.77	17.29	11.06	ppb
Boron	11-1	17.90	16.83	16.80	17.18	3.67	ppb
Cadmium	111-1	0.02	0.01	-0.04	0.00		ppb
Cadmium	106-1	-0.36	-0.46	-1.04	-0.62		ppb
Cadmium	108-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	-13.90	-7.25	-27.88	-16.34		ppb
Calcium	44-1	2.50	0.15	0.71	1.12	109.42	ppb
Chromium	52-2	0.03	-0.08	0.04	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.04	0.05	0.06	0.05	25.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.89	1.29	0.41	0.86	50.87	ppb
Iron	57-2	2.54	3.91	3.33	3.26	21.09	ppb
Lead	206-1	0.03	0.06	0.02	0.04	51.13	ppb
Lead	207-1	0.01	0.01	0.04	0.02	66.11	ppb
Lead	208-1	0.02	0.03	0.03	0.03	12.16	ppb
Lithium	6-1						%
Magnesium	24-2	2.39	-0.54	0.28	0.71	212.53	ppb
Manganese	55-2	0.06	0.02	0.05	0.05	44.66	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:36:36	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.04	0.05	25.37	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	39.92	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	10.70	ppb
Molybdenum	97-1	0.07	0.07	0.05	0.06	14.19	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	21.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	16.26	-10.44	-23.62	-5.93		ppb
Potassium	39-2	3.02	13.43	14.10	10.18	61.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.05	3.05	0.00	2.04	86.60	ppb
Selenium	78-2	2.24	-0.63	-0.63	0.33	506.81	ppb
Selenium	82-1	0.06	0.83	0.68	0.52	77.69	ppb
Silicon	28-1	-16.12	-16.63	-20.01	-17.59		ppb
Silver	109-1	0.05	0.05	0.03	0.04	34.25	ppb
Silver	107-1	0.04	0.04	0.04	0.04	7.12	ppb
Sodium	23-2	44.15	39.59	42.41	42.05	5.47	ppb
Strontium	86-1	-0.08	-0.06	-0.10	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1853.70	-1893.88	-1997.82	-1915.13		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.04	0.04	0.03	27.37	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	24.58	ppb
Tin	118-1	0.10	0.08	0.06	0.08	22.19	ppb
Titanium	47-1	-0.03	0.01	0.04	0.01	474.91	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	297.57	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.01	-0.09	0.26	0.06	282.51	ppb
Zirconium	90-1	0.09	0.06	0.06	0.07	27.62	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:36:36	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.07	0.07	0.07	7.78	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-02 Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:39:45 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9438.07	9571.88	9521.85	9510.60	0.71	ppb
Antimony	121-1	518.72	515.48	510.89	515.03	0.76	ppb
Arsenic	75-2	587.07	587.22	591.17	588.49	0.39	ppb
Barium	135-1	2939.86	2897.87	2910.59	2916.11	0.74	ppb
Barium	137-1	2906.11	2907.96	2875.03	2896.37	0.64	ppb
Beryllium	9-1	399.36	390.34	388.03	392.58	1.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	513.12	520.38	517.59	517.03	0.71	ppb
Boron	11-1	514.87	516.76	517.41	516.35	0.26	ppb
Cadmium	111-1	502.02	500.00	498.34	500.12	0.37	ppb
Cadmium	106-1	509.00	506.12	506.19	507.10	0.32	ppb
Cadmium	108-1	502.79	500.45	501.36	501.53	0.23	ppb
Calcium	43-1	149432.44	149361.85	150705.31	149833.20	0.50	ppb
Calcium	44-1	149731.32	148388.24	148826.18	148981.91	0.46	ppb
Chromium	52-2	543.03	561.39	554.59	553.00	1.68	ppb
Cobalt	59-2	533.48	541.57	543.19	539.41	0.96	ppb
Copper	63-2	1063.72	1088.80	1093.96	1082.16	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	35347.41	36231.31	35929.53	35836.09	1.25	ppb
Iron	57-2	35276.09	36036.17	36267.89	35860.05	1.45	ppb
Lead	206-1	522.17	517.03	516.34	518.51	0.61	ppb
Lead	207-1	519.84	503.52	516.11	513.15	1.67	ppb
Lead	208-1	520.79	512.80	513.80	515.80	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	67507.48	69300.59	67487.67	68098.58	1.53	ppb
Manganese	55-2	1159.69	1198.76	1185.25	1181.23	1.68	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-02 Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:39:45 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	524.55	511.13	506.31	514.00	1.84	ppb
Molybdenum	95-1	500.86	489.46	486.15	492.16	1.57	ppb
Molybdenum	96-1	512.42	487.42	491.45	497.10	2.70	ppb
Molybdenum	97-1	484.78	472.15	473.57	476.83	1.45	ppb
Molybdenum	98-1	503.58	482.15	488.51	491.41	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	597.10	614.54	614.45	608.70	1.65	ppb
Phosphorus	31-2	7.12	23.24	-6.77	7.86	191.00	ppb
Potassium	39-2	25397.31	26094.01	25986.10	25825.80	1.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	538.50	579.92	465.90	528.10	10.93	ppb
Selenium	78-2	519.29	481.33	531.71	510.78	5.14	ppb
Selenium	82-1	513.66	493.94	505.15	504.25	1.96	ppb
Silicon	28-1	11019.94	10830.10	10992.09	10947.38	0.94	ppb
Silver	109-1	495.67	493.82	493.26	494.25	0.26	ppb
Silver	107-1	488.16	487.65	491.85	489.22	0.47	ppb
Sodium	23-2	123740.20	128681.34	126864.01	126428.52	1.98	ppb
Strontium	86-1	557.69	539.56	542.21	546.49	1.79	ppb
Strontium	88-1	550.53	542.76	542.39	545.22	0.84	ppb
Sulfur	34-1	-1684.50	-1899.66	-1733.48	-1772.55		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	533.34	536.15	532.06	533.85	0.39	ppb
Thallium	205-1	530.14	531.20	528.90	530.08	0.22	ppb
Tin	118-1	474.20	477.65	476.25	476.03	0.36	ppb
Titanium	47-1	466.86	470.14	468.44	468.48	0.35	ppb
Uranium	238-1	511.14	503.97	506.20	507.11	0.72	ppb
Vanadium	51-2	532.21	541.58	539.14	537.64	0.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	976.97	1005.26	999.73	993.99	1.51	ppb
Zirconium	90-1	539.67	526.58	529.43	531.89	1.29	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-02	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:39:45	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	538.27	531.98	525.16	531.80	1.23	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-03 Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:42:44 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9564.31	9575.10	9724.50	9621.30	0.93	ppb
Antimony	121-1	517.47	510.02	512.01	513.17	0.75	ppb
Arsenic	75-2	590.55	611.27	597.76	599.86	1.75	ppb
Barium	135-1	3011.85	2926.24	2952.90	2963.66	1.48	ppb
Barium	137-1	2964.19	2924.79	2969.96	2952.98	0.83	ppb
Beryllium	9-1	383.61	375.17	371.43	376.74	1.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	511.31	512.00	524.82	516.05	1.47	ppb
Boron	11-1	519.28	511.81	517.17	516.09	0.75	ppb
Cadmium	111-1	502.19	494.73	492.86	496.59	0.99	ppb
Cadmium	106-1	508.06	494.42	497.31	499.93	1.44	ppb
Cadmium	108-1	509.34	499.31	494.25	500.97	1.53	ppb
Calcium	43-1	150645.42	149423.50	148033.79	149367.57	0.87	ppb
Calcium	44-1	153066.04	149727.14	150114.74	150969.31	1.21	ppb
Chromium	52-2	552.97	551.45	555.30	553.24	0.35	ppb
Cobalt	59-2	543.84	549.12	546.09	546.35	0.48	ppb
Copper	63-2	1124.37	1112.85	1097.44	1111.55	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	36728.93	36426.34	36504.93	36553.40	0.43	ppb
Iron	57-2	36559.24	36598.78	36290.89	36482.97	0.46	ppb
Lead	206-1	518.50	527.48	514.10	520.03	1.31	ppb
Lead	207-1	516.14	516.67	516.86	516.56	0.07	ppb
Lead	208-1	514.68	519.36	518.41	517.48	0.48	ppb
Lithium	6-1						%
Magnesium	24-2	68977.65	69372.60	69471.16	69273.81	0.38	ppb
Manganese	55-2	1196.15	1205.85	1199.60	1200.53	0.41	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-03	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:42:44	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	529.08	513.57	529.95	524.20	1.76	ppb
Molybdenum	95-1	508.01	496.09	500.90	501.67	1.20	ppb
Molybdenum	96-1	508.98	495.19	507.72	503.96	1.51	ppb
Molybdenum	97-1	490.36	478.38	486.06	484.93	1.25	ppb
Molybdenum	98-1	497.31	490.05	501.19	496.18	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	614.97	616.93	611.12	614.34	0.48	ppb
Phosphorus	31-2	83.68	-21.68	53.13	38.37	141.26	ppb
Potassium	39-2	26042.76	26328.15	26271.95	26214.29	0.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	453.54	556.77	508.12	506.14	10.20	ppb
Selenium	78-2	484.70	528.51	488.86	500.69	4.83	ppb
Selenium	82-1	503.62	498.40	505.52	502.51	0.73	ppb
Silicon	28-1	11178.09	10937.62	10977.99	11031.23	1.17	ppb
Silver	109-1	500.27	488.48	483.94	490.90	1.72	ppb
Silver	107-1	499.49	480.24	488.77	489.50	1.97	ppb
Sodium	23-2	128876.66	127885.79	128739.49	128500.65	0.42	ppb
Strontium	86-1	568.72	555.91	562.51	562.38	1.14	ppb
Strontium	88-1	559.35	551.25	560.70	557.10	0.92	ppb
Sulfur	34-1	-1889.72	-2416.50	-2235.92	-2180.71		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	528.06	534.57	529.73	530.79	0.64	ppb
Thallium	205-1	522.84	528.85	528.74	526.81	0.65	ppb
Tin	118-1	481.11	476.07	476.84	478.01	0.57	ppb
Titanium	47-1	476.39	469.03	474.75	473.39	0.82	ppb
Uranium	238-1	503.27	517.61	514.36	511.75	1.47	ppb
Vanadium	51-2	538.32	540.79	539.23	539.45	0.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1003.40	1002.61	1001.67	1002.56	0.09	ppb
Zirconium	90-1	534.15	520.88	527.69	527.57	1.26	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-03	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:42:44	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	535.74	528.67	535.56	533.32	0.76	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-01A Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718A Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:45:44 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9542.04	9557.15	9450.32	9516.51	0.61	ppb
Antimony	121-1	515.41	548.21	519.45	527.69	3.39	ppb
Arsenic	75-2	594.57	597.88	596.30	596.25	0.28	ppb
Barium	135-1	2929.22	3151.48	2966.39	3015.69	3.95	ppb
Barium	137-1	2928.12	3119.18	2950.64	2999.31	3.48	ppb
Beryllium	9-1	377.12	398.51	382.28	385.97	2.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	503.79	548.27	525.98	526.01	4.23	ppb
Boron	11-1	508.27	541.63	528.00	525.97	3.19	ppb
Cadmium	111-1	495.76	532.84	496.22	508.27	4.19	ppb
Cadmium	106-1	500.83	531.07	505.14	512.35	3.19	ppb
Cadmium	108-1	496.12	529.44	504.51	510.03	3.40	ppb
Calcium	43-1	149865.14	156174.94	149753.46	151931.18	2.42	ppb
Calcium	44-1	151221.92	158806.69	152151.49	154060.03	2.69	ppb
Chromium	52-2	551.10	552.09	556.82	553.33	0.55	ppb
Cobalt	59-2	543.31	545.39	545.60	544.76	0.23	ppb
Copper	63-2	1099.44	1122.97	1100.78	1107.73	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	36146.86	36088.18	35971.92	36068.99	0.25	ppb
Iron	57-2	36021.71	35992.23	36150.13	36054.69	0.23	ppb
Lead	206-1	508.36	567.12	517.51	530.99	5.95	ppb
Lead	207-1	507.98	556.20	518.58	527.59	4.80	ppb
Lead	208-1	511.87	562.56	521.84	532.09	5.05	ppb
Lithium	6-1						%
Magnesium	24-2	68831.73	69354.26	68664.72	68950.24	0.52	ppb
Manganese	55-2	1184.90	1185.64	1187.15	1185.89	0.10	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:45:44	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	527.32	568.58	514.47	536.79	5.27	ppb
Molybdenum	95-1	497.44	537.74	493.96	509.72	4.77	ppb
Molybdenum	96-1	497.32	545.63	500.16	514.37	5.27	ppb
Molybdenum	97-1	476.62	525.18	480.54	494.11	5.46	ppb
Molybdenum	98-1	488.30	538.50	493.76	506.85	5.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	611.71	614.63	615.70	614.01	0.34	ppb
Phosphorus	31-2	52.87	53.07	53.16	53.03	0.28	ppb
Potassium	39-2	26019.92	26123.68	25915.04	26019.55	0.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	509.97	551.77	503.60	521.78	5.01	ppb
Selenium	78-2	487.77	499.75	516.72	501.41	2.90	ppb
Selenium	82-1	504.41	548.89	497.63	516.98	5.39	ppb
Silicon	28-1	11008.70	11554.95	10953.51	11172.39	2.98	ppb
Silver	109-1	482.17	525.13	496.30	501.20	4.37	ppb
Silver	107-1	485.02	525.39	492.22	500.88	4.30	ppb
Sodium	23-2	127342.14	128863.41	127203.53	127803.03	0.72	ppb
Strontium	86-1	549.01	606.70	545.63	567.11	6.05	ppb
Strontium	88-1	555.89	598.06	548.06	567.34	4.74	ppb
Sulfur	34-1	-2238.80	-1601.41	-2509.45	-2116.55		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	525.24	586.42	535.91	549.19	5.95	ppb
Thallium	205-1	519.15	574.76	537.72	543.87	5.21	ppb
Tin	118-1	475.75	511.72	475.66	487.71	4.26	ppb
Titanium	47-1	471.92	499.52	474.72	482.05	3.15	ppb
Uranium	238-1	512.20	545.25	516.43	524.62	3.43	ppb
Vanadium	51-2	542.34	539.42	541.50	541.09	0.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	999.93	1005.45	1004.37	1003.25	0.29	ppb
Zirconium	90-1	541.17	577.80	535.25	551.41	4.18	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:45:44	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	536.87	581.69	531.54	550.03	5.01	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:48:42	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.77	17.86	25.62	20.08	24.04	ppb
Antimony	121-1	1.56	1.54	1.50	1.53	1.85	ppb
Arsenic	75-2	32.14	33.57	31.83	32.51	2.86	ppb
Barium	135-1	333.82	348.65	332.58	338.35	2.64	ppb
Barium	137-1	333.71	350.03	332.87	338.87	2.85	ppb
Beryllium	9-1	0.17	0.13	0.11	0.14	19.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	167.57	172.05	169.42	169.68	1.32	ppb
Boron	11-1	171.60	177.27	173.39	174.09	1.67	ppb
Cadmium	111-1	-0.06	0.08	-0.01	0.00	3402.24	ppb
Cadmium	106-1	-2.64	-0.56	-1.81	-1.67		ppb
Cadmium	108-1	0.13	0.08	0.02	0.08	69.41	ppb
Calcium	43-1	99933.90	100849.08	98311.93	99698.30	1.29	ppb
Calcium	44-1	98406.71	102026.16	97375.97	99269.61	2.46	ppb
Chromium	52-2	6.00	5.85	5.74	5.87	2.27	ppb
Cobalt	59-2	1.22	1.24	1.15	1.20	3.87	ppb
Copper	63-2	3.91	4.01	4.04	3.98	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9965.20	9899.90	9723.37	9862.82	1.27	ppb
Iron	57-2	9740.78	9848.60	9795.33	9794.90	0.55	ppb
Lead	206-1	0.54	0.54	0.51	0.53	3.10	ppb
Lead	207-1	0.53	0.49	0.51	0.51	3.69	ppb
Lead	208-1	0.51	0.52	0.50	0.51	1.76	ppb
Lithium	6-1						%
Magnesium	24-2	12288.44	12343.26	12146.11	12259.27	0.83	ppb
Manganese	55-2	678.94	674.18	669.48	674.20	0.70	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:48:42	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.48	0.45	0.45	6.58	ppb
Molybdenum	95-1	0.85	0.91	0.82	0.86	5.31	ppb
Molybdenum	96-1	0.79	0.83	0.77	0.80	3.78	ppb
Molybdenum	97-1	0.85	1.02	0.98	0.95	9.11	ppb
Molybdenum	98-1	0.97	0.95	1.01	0.98	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.49	20.04	20.52	20.35	1.31	ppb
Phosphorus	31-2	38.49	53.28	37.52	43.10	20.49	ppb
Potassium	39-2	1633.37	1602.87	1588.04	1608.10	1.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.52	0.00	1.17	173.21	ppb
Selenium	78-2	1.00	-0.08	-0.08	0.28	223.43	ppb
Selenium	82-1	0.74	1.49	1.26	1.16	33.10	ppb
Silicon	28-1	8607.40	8909.96	8587.49	8701.62	2.08	ppb
Silver	109-1	0.20	0.20	0.21	0.20	2.23	ppb
Silver	107-1	0.21	0.23	0.20	0.21	7.81	ppb
Sodium	23-2	55319.16	55082.06	54862.36	55087.86	0.41	ppb
Strontium	86-1	579.13	594.85	570.50	581.49	2.12	ppb
Strontium	88-1	571.78	597.27	564.38	577.81	2.99	ppb
Sulfur	34-1	4614.30	5042.76	4282.23	4646.43	8.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.07	0.05	0.07	31.38	ppb
Thallium	205-1	0.06	0.08	0.06	0.07	15.79	ppb
Tin	118-1	3.99	4.22	3.98	4.06	3.34	ppb
Titanium	47-1	0.59	0.59	0.53	0.57	6.29	ppb
Uranium	238-1	0.56	0.57	0.56	0.56	0.85	ppb
Vanadium	51-2	2.24	2.23	2.32	2.26	2.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	15.00	14.84	14.15	14.67	3.08	ppb
Zirconium	90-1	0.19	0.20	0.18	0.19	6.93	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:48:42	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.21	0.22	0.21	6.03	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:51:49	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.51	2.95	5.31	2.58	113.36	ppb
Antimony	121-1	1.47	1.47	1.48	1.47	0.63	ppb
Arsenic	75-2	22.67	21.84	23.03	22.51	2.71	ppb
Barium	135-1	288.40	287.99	295.20	290.53	1.39	ppb
Barium	137-1	290.30	288.23	296.33	291.62	1.44	ppb
Beryllium	9-1	0.09	0.08	0.10	0.09	11.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	162.22	171.58	170.17	167.99	3.00	ppb
Boron	11-1	169.12	171.94	176.27	172.44	2.09	ppb
Cadmium	111-1	-0.12	-0.12	-0.09	-0.11		ppb
Cadmium	106-1	-2.07	-2.11	-1.91	-2.03		ppb
Cadmium	108-1	0.08	0.13	0.11	0.11	25.64	ppb
Calcium	43-1	94263.87	94779.69	94990.65	94678.07	0.39	ppb
Calcium	44-1	93178.82	94432.33	94954.74	94188.63	0.97	ppb
Chromium	52-2	0.42	0.53	0.53	0.49	12.89	ppb
Cobalt	59-2	0.61	0.64	0.69	0.65	6.77	ppb
Copper	63-2	3.36	3.16	3.50	3.34	5.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1532.51	1522.17	1525.25	1526.65	0.35	ppb
Iron	57-2	1528.34	1564.04	1547.85	1546.74	1.16	ppb
Lead	206-1	0.20	0.22	0.20	0.21	3.99	ppb
Lead	207-1	0.18	0.20	0.18	0.19	4.36	ppb
Lead	208-1	0.19	0.20	0.19	0.19	2.46	ppb
Lithium	6-1						%
Magnesium	24-2	13014.95	13042.43	13163.40	13073.59	0.60	ppb
Manganese	55-2	648.17	648.41	647.80	648.13	0.05	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:51:49	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.49	0.52	0.46	0.49	5.53	ppb
Molybdenum	95-1	1.14	1.20	1.25	1.20	4.67	ppb
Molybdenum	96-1	1.07	1.09	1.05	1.07	1.99	ppb
Molybdenum	97-1	1.40	1.29	1.32	1.34	4.42	ppb
Molybdenum	98-1	1.26	1.33	1.39	1.33	4.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.30	2.19	2.27	2.26	2.64	ppb
Phosphorus	31-2	-6.76	-6.63	-36.74	-16.71		ppb
Potassium	39-2	1765.75	1755.84	1818.30	1779.96	1.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.56	1.19	173.21	ppb
Selenium	78-2	-0.08	2.11	0.48	0.84	135.50	ppb
Selenium	82-1	0.25	0.77	1.54	0.85	75.86	ppb
Silicon	28-1	8950.28	8979.39	9087.91	9005.86	0.81	ppb
Silver	109-1	0.15	0.18	0.17	0.17	9.62	ppb
Silver	107-1	0.17	0.18	0.18	0.18	1.65	ppb
Sodium	23-2	41245.00	41469.95	41398.25	41371.07	0.28	ppb
Strontium	86-1	582.29	575.66	581.64	579.86	0.63	ppb
Strontium	88-1	582.71	573.81	582.97	579.83	0.90	ppb
Sulfur	34-1	2219.60	2075.54	2253.04	2182.73	4.32	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.04	0.04	3.68	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	18.63	ppb
Tin	118-1	2.94	3.22	3.11	3.09	4.62	ppb
Titanium	47-1	0.52	0.46	0.50	0.49	6.96	ppb
Uranium	238-1	0.78	0.77	0.82	0.79	3.39	ppb
Vanadium	51-2	2.64	2.73	2.50	2.62	4.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.12	1.77	2.36	2.08	14.22	ppb
Zirconium	90-1	0.08	0.10	0.11	0.10	15.87	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:51:49	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.10	0.14	0.11	18.05	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-06 Instrumnet Name : P8
 Client Sample ID : ST008MW037-170718 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:54:55 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.90	22.74	28.55	29.40	24.20	ppb
Antimony	121-1	1.33	1.35	1.41	1.36	3.21	ppb
Arsenic	75-2	115.56	119.12	115.18	116.62	1.87	ppb
Barium	135-1	133.42	134.06	132.48	133.32	0.60	ppb
Barium	137-1	132.55	135.00	133.66	133.73	0.92	ppb
Beryllium	9-1	0.07	0.06	0.08	0.07	17.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	133.91	130.64	135.15	133.23	1.75	ppb
Boron	11-1	133.65	134.34	135.36	134.45	0.64	ppb
Cadmium	111-1	0.01	-0.01	-0.06	-0.02		ppb
Cadmium	106-1	-0.91	-1.26	-1.95	-1.37		ppb
Cadmium	108-1	0.11	0.19	0.02	0.11	77.83	ppb
Calcium	43-1	76399.83	77375.70	76254.87	76676.80	0.80	ppb
Calcium	44-1	76597.02	75724.52	76629.67	76317.07	0.67	ppb
Chromium	52-2	1.87	1.68	1.70	1.75	6.01	ppb
Cobalt	59-2	0.34	0.32	0.34	0.33	3.61	ppb
Copper	63-2	3.94	4.01	3.88	3.94	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7219.03	7204.58	7203.42	7209.01	0.12	ppb
Iron	57-2	7243.76	7150.80	7180.78	7191.78	0.66	ppb
Lead	206-1	0.83	0.84	0.85	0.84	1.37	ppb
Lead	207-1	0.76	0.74	0.73	0.74	2.56	ppb
Lead	208-1	0.78	0.79	0.79	0.79	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	12055.28	12059.54	12031.66	12048.83	0.12	ppb
Manganese	55-2	270.06	265.96	273.09	269.70	1.33	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-06	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:54:55	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.31	1.24	1.30	1.28	3.10	ppb
Molybdenum	95-1	3.69	3.69	3.65	3.68	0.65	ppb
Molybdenum	96-1	3.14	3.09	3.22	3.15	1.96	ppb
Molybdenum	97-1	3.79	3.85	3.67	3.77	2.38	ppb
Molybdenum	98-1	3.79	3.92	3.87	3.86	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.79	14.71	14.70	14.73	0.33	ppb
Phosphorus	31-2	-6.21	-21.57	8.80	-6.32		ppb
Potassium	39-2	976.89	919.82	949.30	948.67	3.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.53	3.61	7.14	4.76	43.31	ppb
Selenium	78-2	1.03	1.07	0.48	0.86	37.84	ppb
Selenium	82-1	0.44	-0.24	0.89	0.36	156.78	ppb
Silicon	28-1	8706.87	8589.46	8613.81	8636.71	0.72	ppb
Silver	109-1	0.17	0.14	0.15	0.15	8.53	ppb
Silver	107-1	0.15	0.16	0.17	0.16	5.33	ppb
Sodium	23-2	22474.25	22500.94	22335.82	22437.00	0.40	ppb
Strontium	86-1	455.67	453.26	455.34	454.76	0.29	ppb
Strontium	88-1	461.00	462.01	461.77	461.59	0.12	ppb
Sulfur	34-1	-396.88	-676.97	-684.88	-586.24		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	31.48	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.01	ppb
Tin	118-1	2.61	2.74	2.67	2.67	2.51	ppb
Titanium	47-1	0.91	0.78	0.91	0.87	9.10	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	10.58	ppb
Vanadium	51-2	0.25	0.24	0.20	0.23	11.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.54	14.09	13.79	13.47	6.09	ppb
Zirconium	90-1	0.10	0.11	0.09	0.10	7.87	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-06	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:54:55	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.11	0.10	0.12	16.84	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-07 Instrumnet Name : P8
 Client Sample ID : SS038RW082-170718 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:58:02 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61.29	64.92	73.97	66.73	9.79	ppb
Antimony	121-1	1.36	1.36	1.40	1.37	1.90	ppb
Arsenic	75-2	138.34	141.61	139.26	139.74	1.21	ppb
Barium	135-1	265.32	265.34	276.14	268.93	2.32	ppb
Barium	137-1	266.29	267.44	277.06	270.26	2.19	ppb
Beryllium	9-1	0.09	0.07	0.06	0.07	20.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	183.88	185.06	194.43	187.79	3.08	ppb
Boron	11-1	187.92	188.28	197.03	191.07	2.70	ppb
Cadmium	111-1	-0.12	-0.11	-0.09	-0.11		ppb
Cadmium	106-1	-2.21	-2.22	-1.61	-2.01		ppb
Cadmium	108-1	0.05	0.11	0.17	0.11	54.39	ppb
Calcium	43-1	115454.77	115786.41	117907.96	116383.04	1.14	ppb
Calcium	44-1	116029.11	115881.98	118100.43	116670.51	1.06	ppb
Chromium	52-2	1.24	1.23	1.17	1.21	2.77	ppb
Cobalt	59-2	2.28	2.43	2.28	2.33	3.62	ppb
Copper	63-2	7.36	7.18	7.12	7.22	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	30225.26	30460.55	30003.64	30229.82	0.76	ppb
Iron	57-2	29914.10	30373.17	29764.78	30017.35	1.06	ppb
Lead	206-1	0.99	1.10	1.14	1.08	7.35	ppb
Lead	207-1	0.91	0.95	0.98	0.95	3.71	ppb
Lead	208-1	0.97	0.99	1.03	1.00	3.24	ppb
Lithium	6-1						%
Magnesium	24-2	14301.92	14202.44	14038.23	14180.86	0.94	ppb
Manganese	55-2	759.01	771.42	751.20	760.54	1.34	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-07	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:58:02	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.67	0.62	0.72	0.67	7.23	ppb
Molybdenum	95-1	1.58	1.60	1.58	1.58	0.74	ppb
Molybdenum	96-1	1.41	1.39	1.53	1.44	5.48	ppb
Molybdenum	97-1	1.74	1.58	1.69	1.67	4.72	ppb
Molybdenum	98-1	1.63	1.62	1.70	1.65	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.22	46.43	45.15	45.93	1.50	ppb
Phosphorus	31-2	146.05	115.89	98.01	119.98	20.24	ppb
Potassium	39-2	1978.84	1979.47	1902.21	1953.51	2.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.54	0.00	0.00	1.18	173.21	ppb
Selenium	78-2	2.69	0.48	0.48	1.22	104.82	ppb
Selenium	82-1	0.82	0.63	1.21	0.89	33.73	ppb
Silicon	28-1	9676.97	9768.46	9995.80	9813.75	1.67	ppb
Silver	109-1	0.15	0.16	0.14	0.15	4.47	ppb
Silver	107-1	0.17	0.14	0.17	0.16	9.34	ppb
Sodium	23-2	67147.27	67632.67	65894.91	66891.62	1.34	ppb
Strontium	86-1	670.24	657.25	698.02	675.17	3.08	ppb
Strontium	88-1	671.12	662.70	697.30	677.04	2.66	ppb
Sulfur	34-1	18495.60	18732.62	19396.54	18874.92	2.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.00	0.01	90.94	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	25.77	ppb
Tin	118-1	2.28	2.28	2.38	2.31	2.35	ppb
Titanium	47-1	1.90	1.52	1.43	1.62	15.60	ppb
Uranium	238-1	0.63	0.64	0.71	0.66	6.16	ppb
Vanadium	51-2	2.79	2.63	2.72	2.71	2.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	15.57	16.83	16.00	16.13	3.96	ppb
Zirconium	90-1	0.23	0.24	0.27	0.25	9.28	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-07	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:58:02	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.34	0.26	0.30	0.30	13.25	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-08 Instrumnet Name : P8
 Client Sample ID : SS038MW013-170718 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:01:07 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.59	15.74	14.63	15.99	9.35	ppb
Antimony	121-1	1.07	1.12	1.11	1.10	2.49	ppb
Arsenic	75-2	90.22	87.04	87.34	88.20	1.99	ppb
Barium	135-1	226.15	234.58	228.81	229.85	1.87	ppb
Barium	137-1	226.66	234.28	232.15	231.03	1.70	ppb
Beryllium	9-1	0.06	0.08	0.02	0.05	51.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	159.96	164.37	164.95	163.09	1.67	ppb
Boron	11-1	164.56	169.32	167.46	167.11	1.43	ppb
Cadmium	111-1	-0.11	-0.07	-0.08	-0.08		ppb
Cadmium	106-1	-1.65	-1.45	-1.38	-1.49		ppb
Cadmium	108-1	0.10	0.13	0.19	0.14	30.09	ppb
Calcium	43-1	118521.90	119105.17	118534.77	118720.61	0.28	ppb
Calcium	44-1	118001.65	118283.31	119985.61	118756.86	0.90	ppb
Chromium	52-2	1.04	0.98	0.87	0.96	9.10	ppb
Cobalt	59-2	0.61	0.59	0.54	0.58	6.87	ppb
Copper	63-2	3.56	3.46	3.43	3.48	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9568.35	9157.27	9236.79	9320.80	2.34	ppb
Iron	57-2	9585.23	9139.97	9283.57	9336.26	2.43	ppb
Lead	206-1	0.27	0.25	0.28	0.26	5.89	ppb
Lead	207-1	0.27	0.25	0.23	0.25	7.42	ppb
Lead	208-1	0.27	0.26	0.26	0.26	3.39	ppb
Lithium	6-1						%
Magnesium	24-2	13308.36	12881.83	12832.87	13007.68	2.01	ppb
Manganese	55-2	550.58	532.56	529.59	537.58	2.11	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-08	Instrumnet Name :	P8
Client Sample ID :	SS038MW013-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:01:07	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.68	0.75	0.75	0.73	5.79	ppb
Molybdenum	95-1	1.89	1.97	2.03	1.96	3.42	ppb
Molybdenum	96-1	1.67	1.71	1.79	1.73	3.54	ppb
Molybdenum	97-1	2.11	2.10	2.03	2.08	2.16	ppb
Molybdenum	98-1	2.02	2.10	2.18	2.10	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.50	46.10	44.87	46.16	2.85	ppb
Phosphorus	31-2	450.60	448.29	419.37	439.42	3.96	ppb
Potassium	39-2	1644.97	1627.69	1556.41	1609.69	2.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.51	-0.63	-0.63	-0.25		ppb
Selenium	82-1	-0.04	0.40	0.94	0.44	113.10	ppb
Silicon	28-1	9656.16	9710.05	9784.62	9716.95	0.66	ppb
Silver	109-1	0.10	0.13	0.12	0.12	10.64	ppb
Silver	107-1	0.12	0.12	0.12	0.12	0.36	ppb
Sodium	23-2	72296.18	70468.41	71431.39	71398.66	1.28	ppb
Strontium	86-1	484.81	497.64	504.38	495.61	2.01	ppb
Strontium	88-1	491.97	499.23	496.99	496.06	0.75	ppb
Sulfur	34-1	40019.69	39655.16	40380.23	40018.36	0.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	39.55	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	192.52	ppb
Tin	118-1	1.70	1.87	1.84	1.80	5.16	ppb
Titanium	47-1	0.65	0.55	0.65	0.62	9.83	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	19.69	ppb
Vanadium	51-2	1.48	1.40	1.33	1.40	5.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.14	3.26	3.22	3.21	1.98	ppb
Zirconium	90-1	0.13	0.14	0.12	0.13	4.29	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-08	Instrumnet Name :	P8
Client Sample ID :	SS038MW013-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:01:07	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.15	0.15	0.14	4.00	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-10	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:04:13	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.38	-0.50	8.63	4.50	102.79	ppb
Antimony	121-1	1.09	1.20	1.18	1.16	5.03	ppb
Arsenic	75-2	44.52	44.49	43.88	44.29	0.82	ppb
Barium	135-1	111.79	117.96	114.51	114.75	2.69	ppb
Barium	137-1	112.40	118.79	115.56	115.58	2.76	ppb
Beryllium	9-1	0.05	0.05	0.05	0.05	5.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	146.15	154.27	152.94	151.12	2.88	ppb
Boron	11-1	150.80	156.98	155.59	154.45	2.10	ppb
Cadmium	111-1	-0.08	-0.14	-0.10	-0.11		ppb
Cadmium	106-1	-1.35	-2.02	-1.63	-1.66		ppb
Cadmium	108-1	0.13	0.11	0.05	0.10	42.56	ppb
Calcium	43-1	54179.25	56722.46	55627.45	55509.72	2.30	ppb
Calcium	44-1	53892.24	55944.62	55313.41	55050.09	1.91	ppb
Chromium	52-2	0.85	0.92	0.83	0.86	5.51	ppb
Cobalt	59-2	0.06	0.04	0.06	0.05	25.88	ppb
Copper	63-2	3.45	3.30	3.37	3.38	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1384.67	1366.08	1359.89	1370.21	0.94	ppb
Iron	57-2	1364.64	1368.21	1407.40	1380.08	1.72	ppb
Lead	206-1	0.15	0.17	0.16	0.16	7.20	ppb
Lead	207-1	0.17	0.14	0.14	0.15	9.77	ppb
Lead	208-1	0.15	0.15	0.15	0.15	1.18	ppb
Lithium	6-1						%
Magnesium	24-2	7081.09	6818.92	6923.93	6941.31	1.90	ppb
Manganese	55-2	1263.86	1238.84	1247.38	1250.03	1.02	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-10	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:04:13	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.64	3.94	3.68	3.75	4.32	ppb
Molybdenum	95-1	11.75	11.92	11.72	11.80	0.93	ppb
Molybdenum	96-1	9.72	10.23	9.58	9.85	3.45	ppb
Molybdenum	97-1	11.19	11.63	11.44	11.42	1.93	ppb
Molybdenum	98-1	11.59	12.10	11.69	11.79	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.83	0.91	0.85	5.96	ppb
Phosphorus	31-2	70.56	23.70	82.73	59.00	52.83	ppb
Potassium	39-2	1381.40	1363.54	1337.30	1360.75	1.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.59	0.00	3.54	2.38	86.61	ppb
Selenium	78-2	0.49	0.49	2.14	1.04	91.31	ppb
Selenium	82-1	0.15	-0.07	0.00	0.03	455.22	ppb
Silicon	28-1	7395.60	7683.88	7599.03	7559.50	1.96	ppb
Silver	109-1	0.11	0.10	0.11	0.11	5.59	ppb
Silver	107-1	0.12	0.13	0.12	0.13	4.56	ppb
Sodium	23-2	30973.64	30324.52	30351.69	30549.95	1.20	ppb
Strontium	86-1	207.85	214.61	206.94	209.80	2.00	ppb
Strontium	88-1	213.80	222.72	212.14	216.22	2.63	ppb
Sulfur	34-1	-1482.96	-1188.29	-1397.68	-1356.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	6.88	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	31.03	ppb
Tin	118-1	1.68	1.79	1.77	1.75	3.40	ppb
Titanium	47-1	0.37	0.36	0.37	0.37	0.64	ppb
Uranium	238-1	0.09	0.10	0.10	0.10	5.75	ppb
Vanadium	51-2	0.12	0.12	0.13	0.12	1.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.24	5.43	6.05	5.58	7.63	ppb
Zirconium	90-1	0.04	0.45	0.05	0.18	130.64	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-10	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:04:13	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.04	0.06	29.44	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:07:21	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.91	6.64	4.13	6.56	36.39	ppb
Antimony	121-1	1.13	1.14	1.17	1.15	1.87	ppb
Arsenic	75-2	43.97	44.00	45.35	44.44	1.77	ppb
Barium	135-1	516.85	515.55	523.33	518.57	0.80	ppb
Barium	137-1	529.81	537.40	542.12	536.44	1.16	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	8.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	132.83	136.42	138.70	135.98	2.18	ppb
Boron	11-1	138.43	139.35	146.12	141.30	2.97	ppb
Cadmium	111-1	-0.02	-0.08	-0.07	-0.06		ppb
Cadmium	106-1	-0.62	-1.47	-1.18	-1.09		ppb
Cadmium	108-1	0.05	0.08	0.05	0.06	25.23	ppb
Calcium	43-1	80478.02	80116.59	79535.48	80043.36	0.59	ppb
Calcium	44-1	78877.34	79973.10	79992.39	79614.28	0.80	ppb
Chromium	52-2	1.49	1.34	1.42	1.42	5.21	ppb
Cobalt	59-2	1.60	1.73	1.69	1.68	4.14	ppb
Copper	63-2	3.37	3.58	3.42	3.46	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4769.29	4795.57	4636.50	4733.79	1.80	ppb
Iron	57-2	4641.14	4651.11	4646.45	4646.23	0.11	ppb
Lead	206-1	0.22	0.23	0.22	0.23	1.04	ppb
Lead	207-1	0.21	0.21	0.22	0.21	3.35	ppb
Lead	208-1	0.20	0.21	0.21	0.21	3.59	ppb
Lithium	6-1						%
Magnesium	24-2	12846.19	12845.65	12534.53	12742.12	1.41	ppb
Manganese	55-2	1771.57	1771.95	1728.30	1757.27	1.43	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:07:21	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.71	0.76	0.81	0.76	6.46	ppb
Molybdenum	95-1	2.15	2.27	2.18	2.20	2.99	ppb
Molybdenum	96-1	1.81	1.82	1.86	1.83	1.54	ppb
Molybdenum	97-1	2.44	2.29	2.31	2.35	3.44	ppb
Molybdenum	98-1	2.35	2.25	2.26	2.29	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.58	3.53	3.42	3.51	2.40	ppb
Phosphorus	31-2	-36.74	25.21	23.78	4.08	866.30	ppb
Potassium	39-2	2052.46	2081.47	2069.94	2067.96	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.14	-0.07	0.50	0.86	133.75	ppb
Selenium	82-1	0.07	1.02	0.86	0.65	78.74	ppb
Silicon	28-1	9000.69	8987.41	9031.78	9006.62	0.25	ppb
Silver	109-1	0.11	0.10	0.13	0.12	11.92	ppb
Silver	107-1	0.09	0.11	0.12	0.11	15.77	ppb
Sodium	23-2	50283.15	50503.49	48616.84	49801.16	2.07	ppb
Strontium	86-1	586.95	590.26	580.54	585.92	0.84	ppb
Strontium	88-1	585.71	580.02	581.24	582.32	0.51	ppb
Sulfur	34-1	-2455.50	-2415.78	-2282.63	-2384.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	159.67	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	99.00	ppb
Tin	118-1	1.47	1.53	1.60	1.53	4.04	ppb
Titanium	47-1	0.43	0.52	0.49	0.48	9.61	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	1.85	ppb
Vanadium	51-2	0.80	0.74	0.85	0.80	6.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.82	7.49	7.07	7.46	5.05	ppb
Zirconium	90-1	0.11	0.09	0.15	0.12	25.05	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:07:21	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.13	0.13	0.13	6.55	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:11:50	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50327.36	49379.24	48782.28	49496.29	1.57	ppb
Antimony	121-1	489.94	489.34	498.14	492.47	1.00	ppb
Arsenic	75-2	503.25	512.10	505.49	506.95	0.91	ppb
Barium	135-1	2588.18	2596.58	2608.09	2597.62	0.38	ppb
Barium	137-1	2559.36	2565.23	2590.59	2571.73	0.65	ppb
Beryllium	9-1	490.49	496.67	502.03	496.40	1.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	466.62	470.79	493.20	476.87	3.00	ppb
Boron	11-1	464.63	476.37	492.12	477.71	2.89	ppb
Cadmium	111-1	497.68	493.07	500.63	497.13	0.77	ppb
Cadmium	106-1	501.22	502.39	506.34	503.32	0.53	ppb
Cadmium	108-1	503.97	496.92	506.11	502.33	0.96	ppb
Calcium	43-1	243753.74	246400.94	244263.98	244806.22	0.57	ppb
Calcium	44-1	245348.09	244521.46	248124.04	245997.86	0.77	ppb
Chromium	52-2	526.83	519.31	516.06	520.73	1.06	ppb
Cobalt	59-2	497.89	492.40	486.93	492.41	1.11	ppb
Copper	63-2	1024.10	988.52	981.94	998.19	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	126726.53	124661.23	122886.05	124757.94	1.54	ppb
Iron	57-2	128328.25	125758.32	126071.45	126719.34	1.11	ppb
Lead	206-1	507.26	500.95	503.34	503.85	0.63	ppb
Lead	207-1	503.99	505.20	505.19	504.79	0.14	ppb
Lead	208-1	505.12	503.51	508.02	505.55	0.45	ppb
Lithium	6-1						%
Magnesium	24-2	258675.14	254628.37	252555.91	255286.47	1.22	ppb
Manganese	55-2	1026.52	1000.99	994.48	1007.33	1.68	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:11:50	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	495.71	499.55	496.43	497.23	0.41	ppb
Molybdenum	95-1	507.90	506.67	497.96	504.18	1.08	ppb
Molybdenum	96-1	504.98	499.18	500.83	501.66	0.60	ppb
Molybdenum	97-1	494.92	505.09	497.82	499.28	1.05	ppb
Molybdenum	98-1	498.79	502.30	503.07	501.38	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.68	501.21	494.14	500.01	1.07	ppb
Phosphorus	31-2	10544.85	10652.24	9803.62	10333.57	4.47	ppb
Potassium	39-2	128633.28	126120.95	126708.48	127154.24	1.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	501.88	481.28	472.71	485.29	3.09	ppb
Selenium	78-2	507.94	487.49	506.65	500.69	2.29	ppb
Selenium	82-1	488.78	484.59	489.02	487.46	0.51	ppb
Silicon	28-1	517.69	519.59	524.04	520.44	0.63	ppb
Silver	109-1	517.98	512.08	519.42	516.49	0.75	ppb
Silver	107-1	515.71	509.67	516.46	513.95	0.72	ppb
Sodium	23-2	262480.16	258725.06	258760.15	259988.46	0.83	ppb
Strontium	86-1	513.37	510.20	521.93	515.17	1.18	ppb
Strontium	88-1	511.75	512.75	517.07	513.85	0.55	ppb
Sulfur	34-1	10922.58	11037.80	11263.86	11074.75	1.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.74	509.48	506.73	504.65	1.22	ppb
Thallium	205-1	497.95	504.38	499.32	500.55	0.68	ppb
Tin	118-1	523.25	513.73	522.02	519.67	1.00	ppb
Titanium	47-1	486.95	486.28	488.97	487.40	0.29	ppb
Uranium	238-1	502.98	514.87	506.40	508.08	1.20	ppb
Vanadium	51-2	516.66	510.59	503.37	510.20	1.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	981.60	962.97	955.92	966.83	1.37	ppb
Zirconium	90-1	481.44	487.39	491.79	486.87	1.07	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:11:50	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.72	479.20	493.43	488.11	1.59	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:14:47	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.26	-0.65	1.42	1.34	145.85	ppb
Antimony	121-1	0.30	0.25	0.24	0.27	10.91	ppb
Arsenic	75-2	0.00	0.05	0.02	0.02	114.82	ppb
Barium	135-1	-0.01	0.00	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.08	0.09	0.07	0.08	14.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.18	19.88	18.98	19.34	2.43	ppb
Boron	11-1	19.17	18.82	17.75	18.58	3.99	ppb
Cadmium	111-1	0.05	0.04	0.03	0.04	24.37	ppb
Cadmium	106-1	-0.14	-0.04	-0.18	-0.12		ppb
Cadmium	108-1	0.09	0.08	0.03	0.07	50.88	ppb
Calcium	43-1	-18.90	-10.32	-0.03	-9.75		ppb
Calcium	44-1	-0.88	0.32	5.17	1.54	208.14	ppb
Chromium	52-2	-0.02	-0.02	0.11	0.02	303.56	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.05	0.05	0.03	0.04	26.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.91	1.33	1.00	1.08	20.29	ppb
Iron	57-2	1.80	0.51	1.75	1.35	54.11	ppb
Lead	206-1	0.04	0.06	0.05	0.05	25.52	ppb
Lead	207-1	0.05	0.03	0.04	0.04	27.02	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.36	ppb
Lithium	6-1						%
Magnesium	24-2	1.64	-0.13	0.98	0.83	107.74	ppb
Manganese	55-2	-0.01	0.13	0.04	0.05	134.47	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:14:47	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.03	0.04	16.17	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	33.66	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	12.11	ppb
Molybdenum	97-1	0.09	0.07	0.07	0.08	14.81	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-11.02	-10.46	-36.74	-19.41		ppb
Potassium	39-2	13.58	27.01	18.51	19.70	34.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.16	1.05	173.21	ppb
Selenium	78-2	0.80	0.34	-0.63	0.17	426.49	ppb
Selenium	82-1	0.30	0.15	1.29	0.58	106.43	ppb
Silicon	28-1	-15.34	-15.78	-16.97	-16.03		ppb
Silver	109-1	0.05	0.04	0.04	0.04	13.37	ppb
Silver	107-1	0.05	0.05	0.04	0.05	9.52	ppb
Sodium	23-2	41.01	41.08	41.90	41.33	1.19	ppb
Strontium	86-1	-0.03	-0.02	-0.05	-0.03		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-1838.28	-1772.12	-1597.94	-1736.11		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.03	0.03	26.25	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	15.37	ppb
Tin	118-1	0.07	0.07	0.03	0.05	39.85	ppb
Titanium	47-1	0.05	0.02	-0.02	0.01	253.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	193.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	0.18	0.22	0.19	14.57	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	6.79	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:14:47	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.07	0.07	0.08	24.74	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-12	Instrumnet Name :	P8
Client Sample ID :	SS038MW050-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:17:56	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.97	8.84	13.41	13.41	34.05	ppb
Antimony	121-1	3.09	2.69	2.33	2.70	14.13	ppb
Arsenic	75-2	58.79	60.51	58.06	59.12	2.13	ppb
Barium	135-1	268.02	278.01	277.44	274.49	2.04	ppb
Barium	137-1	268.28	283.38	275.84	275.84	2.74	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	21.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	182.93	189.44	187.15	186.51	1.77	ppb
Boron	11-1	186.19	189.70	191.42	189.10	1.41	ppb
Cadmium	111-1	-0.13	-0.09	-0.11	-0.11		ppb
Cadmium	106-1	-2.65	-2.33	-2.13	-2.37		ppb
Cadmium	108-1	0.11	-0.03	0.14	0.07	125.28	ppb
Calcium	43-1	85177.29	87279.57	87120.75	86525.87	1.35	ppb
Calcium	44-1	84560.27	86118.16	86990.23	85889.56	1.43	ppb
Chromium	52-2	0.97	0.99	0.92	0.96	3.75	ppb
Cobalt	59-2	0.15	0.12	0.15	0.14	10.42	ppb
Copper	63-2	3.04	3.11	3.11	3.09	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6578.06	6720.32	6657.70	6652.03	1.07	ppb
Iron	57-2	6542.28	6581.68	6621.94	6581.97	0.61	ppb
Lead	206-1	0.32	0.39	0.37	0.36	10.86	ppb
Lead	207-1	0.33	0.37	0.32	0.34	7.29	ppb
Lead	208-1	0.35	0.35	0.35	0.35	0.45	ppb
Lithium	6-1						%
Magnesium	24-2	13058.55	13061.63	12977.64	13032.61	0.37	ppb
Manganese	55-2	529.20	539.31	539.71	536.07	1.11	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-12	Instrumnet Name :	P8
Client Sample ID :	SS038MW050-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:17:56	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.83	0.84	0.82	0.83	1.04	ppb
Molybdenum	95-1	1.84	2.08	2.04	1.99	6.44	ppb
Molybdenum	96-1	1.71	1.80	1.80	1.77	3.06	ppb
Molybdenum	97-1	1.93	2.21	2.00	2.05	7.05	ppb
Molybdenum	98-1	2.00	2.24	2.17	2.14	5.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.70	4.72	5.11	4.84	4.74	ppb
Phosphorus	31-2	114.15	115.69	23.83	84.56	62.20	ppb
Potassium	39-2	1387.28	1387.35	1367.62	1380.75	0.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.51	1.17	173.21	ppb
Selenium	78-2	1.02	1.59	1.02	1.21	27.09	ppb
Selenium	82-1	0.69	0.74	0.63	0.69	8.23	ppb
Silicon	28-1	9638.63	9751.90	9912.70	9767.74	1.41	ppb
Silver	109-1	0.25	0.25	0.26	0.25	2.37	ppb
Silver	107-1	0.26	0.23	0.22	0.24	7.41	ppb
Sodium	23-2	40794.41	40865.39	40687.91	40782.57	0.22	ppb
Strontium	86-1	406.87	419.13	420.37	415.46	1.80	ppb
Strontium	88-1	415.08	428.93	431.08	425.03	2.04	ppb
Sulfur	34-1	-2097.32	-2083.74	-2036.99	-2072.68		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.03	22.79	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	13.39	ppb
Tin	118-1	1.82	1.73	1.74	1.76	2.92	ppb
Titanium	47-1	0.56	0.53	0.69	0.59	14.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	123.59	ppb
Vanadium	51-2	0.18	0.16	0.17	0.17	3.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.38	4.71	4.63	4.91	8.43	ppb
Zirconium	90-1	0.27	0.28	0.27	0.27	1.36	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-12	Instrumnet Name :	P8
Client Sample ID :	SS038MW050-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:17:56	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.26	0.28	0.28	4.32	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-13	Instrumnet Name :	P8
Client Sample ID :	SS038RW150-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:21:03	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.07	7.85	8.86	9.59	22.99	ppb
Antimony	121-1	1.48	1.40	1.43	1.44	2.87	ppb
Arsenic	75-2	205.28	208.23	205.19	206.24	0.84	ppb
Barium	135-1	382.29	378.21	406.86	389.12	3.98	ppb
Barium	137-1	383.64	375.60	407.73	388.99	4.30	ppb
Beryllium	9-1	0.05	0.05	0.07	0.06	20.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	206.99	204.15	220.03	210.39	4.03	ppb
Boron	11-1	210.11	212.04	222.54	214.90	3.11	ppb
Cadmium	111-1	-0.12	-0.10	-0.11	-0.11		ppb
Cadmium	106-1	-1.89	-1.71	-1.80	-1.80		ppb
Cadmium	108-1	0.08	0.02	0.12	0.07	64.75	ppb
Calcium	43-1	88967.95	88682.62	94255.66	90635.41	3.46	ppb
Calcium	44-1	88186.31	88652.49	94221.01	90353.27	3.72	ppb
Chromium	52-2	1.84	2.25	1.98	2.02	10.46	ppb
Cobalt	59-2	0.26	0.27	0.26	0.26	2.31	ppb
Copper	63-2	4.73	5.04	4.93	4.90	3.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	16466.07	17134.23	16585.01	16728.44	2.13	ppb
Iron	57-2	16366.43	17129.77	16739.42	16745.21	2.28	ppb
Lead	206-1	0.89	0.94	0.94	0.92	3.09	ppb
Lead	207-1	0.87	0.76	0.88	0.84	7.44	ppb
Lead	208-1	0.84	0.82	0.89	0.85	4.44	ppb
Lithium	6-1						%
Magnesium	24-2	12805.29	13395.54	13077.46	13092.76	2.26	ppb
Manganese	55-2	544.56	566.84	548.67	553.36	2.14	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-13	Instrumnet Name :	P8
Client Sample ID :	SS038RW150-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:21:03	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.88	0.82	1.00	0.90	10.17	ppb
Molybdenum	95-1	2.22	2.20	2.43	2.29	5.50	ppb
Molybdenum	96-1	2.00	1.93	2.14	2.02	5.42	ppb
Molybdenum	97-1	2.53	2.26	2.31	2.37	6.22	ppb
Molybdenum	98-1	2.28	2.40	2.42	2.37	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.08	9.46	9.25	9.27	2.06	ppb
Phosphorus	31-2	217.43	227.31	177.02	207.25	12.86	ppb
Potassium	39-2	1648.80	1682.89	1677.96	1669.88	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.56	0.00	0.00	1.19	173.21	ppb
Selenium	78-2	1.04	2.70	0.49	1.41	81.62	ppb
Selenium	82-1	0.95	0.13	0.11	0.40	120.50	ppb
Silicon	28-1	10281.40	10237.93	10873.10	10464.14	3.39	ppb
Silver	109-1	0.14	0.16	0.17	0.16	8.89	ppb
Silver	107-1	0.17	0.16	0.18	0.17	6.35	ppb
Sodium	23-2	51005.14	52385.54	51787.18	51725.95	1.34	ppb
Strontium	86-1	474.83	472.88	507.53	485.08	4.01	ppb
Strontium	88-1	482.52	477.73	521.51	493.92	4.86	ppb
Sulfur	34-1	-344.41	-709.29	125.30	-309.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	15.78	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.67	ppb
Tin	118-1	1.37	1.48	1.54	1.46	5.56	ppb
Titanium	47-1	0.88	0.68	0.78	0.78	12.50	ppb
Uranium	238-1	0.09	0.06	0.08	0.08	18.19	ppb
Vanadium	51-2	0.89	1.04	1.02	0.99	8.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18.88	20.34	19.61	19.61	3.73	ppb
Zirconium	90-1	0.17	0.17	0.22	0.19	15.69	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-13	Instrumnet Name :	P8
Client Sample ID :	SS038RW150-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:21:03	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.18	0.24	0.21	14.16	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-14	Instrumnet Name :	P8
Client Sample ID :	DUP-0427-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:24:09	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.46	12.36	7.63	8.82	35.39	ppb
Antimony	121-1	1.28	1.33	1.30	1.30	2.12	ppb
Arsenic	75-2	212.74	207.77	210.73	210.41	1.19	ppb
Barium	135-1	382.76	387.16	388.12	386.01	0.74	ppb
Barium	137-1	383.95	386.40	388.69	386.35	0.61	ppb
Beryllium	9-1	0.05	0.09	0.03	0.06	52.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	207.31	212.46	213.28	211.01	1.53	ppb
Boron	11-1	213.17	215.58	216.16	214.97	0.74	ppb
Cadmium	111-1	-0.14	-0.16	-0.02	-0.11		ppb
Cadmium	106-1	-2.15	-2.55	-0.50	-1.73		ppb
Cadmium	108-1	0.00	0.05	0.10	0.05	108.06	ppb
Calcium	43-1	90953.03	90348.80	92055.29	91119.04	0.95	ppb
Calcium	44-1	89658.53	90323.19	91029.80	90337.17	0.76	ppb
Chromium	52-2	0.81	0.86	0.79	0.82	4.71	ppb
Cobalt	59-2	0.28	0.25	0.25	0.26	6.90	ppb
Copper	63-2	5.30	5.30	5.18	5.26	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	16930.09	17077.96	17098.10	17035.39	0.54	ppb
Iron	57-2	16899.14	17275.63	16983.51	17052.76	1.16	ppb
Lead	206-1	0.72	0.67	0.77	0.72	7.38	ppb
Lead	207-1	0.73	0.67	0.67	0.69	4.85	ppb
Lead	208-1	0.73	0.70	0.71	0.71	2.54	ppb
Lithium	6-1						%
Magnesium	24-2	13211.23	13493.16	13207.09	13303.83	1.23	ppb
Manganese	55-2	563.54	569.97	568.93	567.48	0.61	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-14	Instrumnet Name :	P8
Client Sample ID :	DUP-0427-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:24:09	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.85	0.85	0.85	0.85	0.48	ppb
Molybdenum	95-1	2.33	2.28	2.29	2.30	1.08	ppb
Molybdenum	96-1	1.97	1.94	1.86	1.92	3.11	ppb
Molybdenum	97-1	2.42	2.37	2.37	2.39	1.13	ppb
Molybdenum	98-1	2.30	2.37	2.39	2.35	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.85	8.32	8.34	8.17	3.36	ppb
Phosphorus	31-2	251.24	253.20	190.90	231.78	15.28	ppb
Potassium	39-2	1703.43	1718.96	1692.36	1704.92	0.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.59	3.54	0.00	2.38	86.61	ppb
Selenium	78-2	0.49	1.03	0.48	0.67	47.06	ppb
Selenium	82-1	0.42	0.66	1.14	0.74	49.85	ppb
Silicon	28-1	10443.00	10469.86	10622.47	10511.78	0.92	ppb
Silver	109-1	0.16	0.16	0.14	0.15	8.60	ppb
Silver	107-1	0.14	0.13	0.13	0.13	5.38	ppb
Sodium	23-2	52915.71	53314.03	52785.07	53004.94	0.52	ppb
Strontium	86-1	484.42	498.95	490.54	491.30	1.48	ppb
Strontium	88-1	492.04	496.57	502.85	497.16	1.09	ppb
Sulfur	34-1	-536.06	-492.15	-529.10	-519.10		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.01	96.62	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	116.21	ppb
Tin	118-1	1.17	1.35	1.26	1.26	7.10	ppb
Titanium	47-1	0.60	0.52	0.68	0.60	13.63	ppb
Uranium	238-1	0.09	0.08	0.09	0.09	9.39	ppb
Vanadium	51-2	0.98	0.89	0.84	0.90	7.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	15.32	15.75	15.93	15.67	2.00	ppb
Zirconium	90-1	0.12	0.11	0.12	0.12	4.94	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-14	Instrumnet Name :	P8
Client Sample ID :	DUP-0427-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:24:09	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.19	0.24	0.20	16.54	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BSRE	Instrumnet Name :	P8
Client Sample ID :	PB101006BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:27:16	DataFile Name :	065LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9604.27	9789.26	9665.78	9686.44	0.97	ppb
Antimony	121-1	488.87	482.06	483.23	484.72	0.75	ppb
Arsenic	75-2	505.40	506.03	508.37	506.60	0.31	ppb
Barium	135-1	2605.61	2564.71	2548.69	2573.00	1.14	ppb
Barium	137-1	2597.29	2538.86	2526.96	2554.37	1.47	ppb
Beryllium	9-1	452.82	448.34	452.34	451.17	0.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	445.72	455.77	446.62	449.37	1.24	ppb
Boron	11-1	444.23	444.70	452.32	447.08	1.02	ppb
Cadmium	111-1	517.06	509.10	507.19	511.12	1.02	ppb
Cadmium	106-1	528.07	503.41	516.52	516.00	2.39	ppb
Cadmium	108-1	519.56	510.20	519.03	516.26	1.02	ppb
Calcium	43-1	49307.15	49895.37	49618.92	49607.14	0.59	ppb
Calcium	44-1	48648.44	48941.46	49033.17	48874.35	0.41	ppb
Chromium	52-2	505.72	511.00	515.87	510.87	0.99	ppb
Cobalt	59-2	497.97	500.51	507.28	501.92	0.96	ppb
Copper	63-2	1037.27	1045.79	1050.00	1044.35	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25632.77	25858.69	26188.95	25893.47	1.08	ppb
Iron	57-2	25494.34	26182.09	26309.72	25995.38	1.69	ppb
Lead	206-1	503.91	495.80	499.53	499.75	0.81	ppb
Lead	207-1	505.88	490.45	496.39	497.57	1.56	ppb
Lead	208-1	505.97	494.45	498.87	499.77	1.16	ppb
Lithium	6-1						%
Magnesium	24-2	52097.27	52657.79	52095.88	52283.65	0.62	ppb
Manganese	55-2	999.01	1009.74	1017.37	1008.71	0.91	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BSRE	Instrumnet Name :	P8
Client Sample ID :	PB101006BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:27:16	DataFile Name :	065LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	481.97	477.93	476.87	478.93	0.56	ppb
Molybdenum	95-1	503.61	494.36	497.01	498.33	0.96	ppb
Molybdenum	96-1	495.43	482.39	485.10	487.64	1.41	ppb
Molybdenum	97-1	498.84	483.06	485.83	489.24	1.72	ppb
Molybdenum	98-1	498.61	487.18	490.47	492.09	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.02	508.14	514.10	510.75	0.60	ppb
Phosphorus	31-2	10611.44	10296.56	9668.80	10192.27	4.71	ppb
Potassium	39-2	24934.52	25354.73	25494.02	25261.09	1.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	511.86	480.99	521.55	504.80	4.20	ppb
Selenium	78-2	463.04	494.70	482.43	480.06	3.33	ppb
Selenium	82-1	484.57	487.31	492.87	488.25	0.87	ppb
Silicon	28-1	497.33	501.56	509.00	502.63	1.18	ppb
Silver	109-1	542.08	532.97	529.05	534.70	1.25	ppb
Silver	107-1	542.96	523.96	533.75	533.56	1.78	ppb
Sodium	23-2	52807.34	53785.54	53756.74	53449.87	1.04	ppb
Strontium	86-1	497.52	495.31	500.44	497.76	0.52	ppb
Strontium	88-1	496.78	490.08	491.43	492.76	0.72	ppb
Sulfur	34-1	10298.85	10332.76	10285.02	10305.54	0.24	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	507.26	495.20	498.72	500.39	1.24	ppb
Thallium	205-1	504.38	493.12	499.52	499.01	1.13	ppb
Tin	118-1	534.89	518.83	522.30	525.34	1.61	ppb
Titanium	47-1	477.95	478.36	486.22	480.84	0.97	ppb
Uranium	238-1	494.32	477.33	490.56	487.40	1.83	ppb
Vanadium	51-2	503.61	508.78	511.99	508.12	0.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	981.32	994.29	1005.73	993.78	1.23	ppb
Zirconium	90-1	477.34	472.69	473.72	474.58	0.51	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BSRE	Instrumnet Name :	P8
Client Sample ID :	PB101006BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:27:16	DataFile Name :	065LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	484.32	476.63	468.40	476.45	1.67	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:30:15	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49278.58	50167.21	49306.71	49584.16	1.02	ppb
Antimony	121-1	502.14	495.62	502.93	500.23	0.80	ppb
Arsenic	75-2	507.01	509.32	504.94	507.09	0.43	ppb
Barium	135-1	2554.83	2537.97	2584.96	2559.25	0.93	ppb
Barium	137-1	2553.98	2545.01	2541.53	2546.84	0.25	ppb
Beryllium	9-1	503.83	502.68	491.38	499.30	1.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	485.97	494.57	480.81	487.12	1.43	ppb
Boron	11-1	489.12	497.30	490.89	492.43	0.87	ppb
Cadmium	111-1	497.96	494.23	491.56	494.59	0.65	ppb
Cadmium	106-1	499.00	507.33	509.84	505.39	1.12	ppb
Cadmium	108-1	511.46	501.06	500.12	504.21	1.25	ppb
Calcium	43-1	244310.71	240448.26	243221.35	242660.11	0.82	ppb
Calcium	44-1	246967.49	242537.78	243550.67	244351.98	0.95	ppb
Chromium	52-2	509.52	528.99	513.64	517.38	1.98	ppb
Cobalt	59-2	481.59	500.20	485.56	489.12	2.00	ppb
Copper	63-2	982.50	1017.79	974.80	991.70	2.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122412.50	127389.61	122019.33	123940.48	2.42	ppb
Iron	57-2	124119.44	128541.20	125100.89	125920.51	1.84	ppb
Lead	206-1	509.25	509.11	503.22	507.20	0.68	ppb
Lead	207-1	508.89	502.02	503.88	504.93	0.70	ppb
Lead	208-1	510.91	505.79	506.26	507.65	0.56	ppb
Lithium	6-1						%
Magnesium	24-2	251897.17	258190.36	254158.93	254748.82	1.25	ppb
Manganese	55-2	987.00	1026.68	996.58	1003.42	2.06	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:30:15	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.56	493.86	493.72	494.72	0.32	ppb
Molybdenum	95-1	513.10	503.91	507.90	508.30	0.91	ppb
Molybdenum	96-1	504.35	500.36	501.68	502.13	0.41	ppb
Molybdenum	97-1	499.77	494.22	499.70	497.90	0.64	ppb
Molybdenum	98-1	503.04	502.34	500.13	501.84	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.98	510.30	488.33	497.53	2.29	ppb
Phosphorus	31-2	10569.31	10259.96	10028.91	10286.06	2.64	ppb
Potassium	39-2	126345.00	129505.05	125939.51	127263.19	1.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	480.98	528.65	552.01	520.55	6.95	ppb
Selenium	78-2	504.23	456.08	498.39	486.23	5.40	ppb
Selenium	82-1	490.03	488.67	488.59	489.10	0.17	ppb
Silicon	28-1	525.81	517.16	528.53	523.83	1.13	ppb
Silver	109-1	515.96	509.56	509.42	511.65	0.73	ppb
Silver	107-1	512.27	514.52	514.75	513.85	0.27	ppb
Sodium	23-2	254494.38	264367.56	256056.84	258306.26	2.05	ppb
Strontium	86-1	526.71	520.34	522.09	523.05	0.63	ppb
Strontium	88-1	516.48	514.87	513.74	515.03	0.27	ppb
Sulfur	34-1	10681.55	10342.66	10850.43	10624.88	2.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.62	503.75	500.67	507.68	1.89	ppb
Thallium	205-1	515.67	511.06	506.14	510.96	0.93	ppb
Tin	118-1	517.88	514.90	517.76	516.85	0.33	ppb
Titanium	47-1	485.34	485.61	487.74	486.23	0.27	ppb
Uranium	238-1	513.31	499.56	496.72	503.20	1.76	ppb
Vanadium	51-2	502.80	513.99	504.46	507.08	1.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	949.63	998.52	953.78	967.31	2.80	ppb
Zirconium	90-1	485.03	489.86	484.63	486.51	0.60	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:30:15	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.67	488.32	491.75	490.91	0.47	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P8
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:33:13 DataFile Name : 067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.65	1.29	-1.66	-0.34		ppb
Antimony	121-1	0.30	0.31	0.31	0.31	2.63	ppb
Arsenic	75-2	0.05	0.02	0.00	0.02	119.77	ppb
Barium	135-1	-0.02	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.09	0.08	0.09	0.09	8.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.15	20.85	20.30	20.77	2.08	ppb
Boron	11-1	22.30	21.42	19.15	20.96	7.74	ppb
Cadmium	111-1	0.01	-0.01	0.06	0.02	187.83	ppb
Cadmium	106-1	-0.49	-0.64	0.26	-0.29		ppb
Cadmium	108-1	-0.03	0.06	0.09	0.04	158.04	ppb
Calcium	43-1	-10.96	-2.40	-20.96	-11.44		ppb
Calcium	44-1	1.45	2.82	-2.74	0.51	567.25	ppb
Chromium	52-2	0.06	-0.10	0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.07	0.10	0.08	26.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.14	0.85	1.30	1.10	21.04	ppb
Iron	57-2	2.79	2.62	-0.13	1.76	93.20	ppb
Lead	206-1	0.04	0.06	0.04	0.05	19.57	ppb
Lead	207-1	0.04	0.04	0.05	0.05	16.12	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.39	ppb
Lithium	6-1						%
Magnesium	24-2	1.95	0.82	-0.18	0.86	123.12	ppb
Manganese	55-2	-0.02	0.02	-0.01	0.00		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:33:13	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.07	0.03	0.05	34.48	ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	206.94	ppb
Molybdenum	96-1	0.05	0.03	0.03	0.03	36.52	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	2.01	ppb
Molybdenum	98-1	0.03	0.03	0.01	0.02	47.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.07	-0.04	-0.04		ppb
Phosphorus	31-2	-23.57	-36.74	40.52	-6.60		ppb
Potassium	39-2	30.07	14.17	11.01	18.41	55.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.63	-0.63	-0.16	-0.47		ppb
Selenium	82-1	0.29	0.42	0.56	0.42	31.82	ppb
Silicon	28-1	-15.39	-13.69	-15.46	-14.85		ppb
Silver	109-1	0.06	0.06	0.05	0.06	10.02	ppb
Silver	107-1	0.05	0.06	0.05	0.05	10.93	ppb
Sodium	23-2	47.20	47.11	51.82	48.71	5.53	ppb
Strontium	86-1	-0.02	-0.06	-0.08	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1960.69	-1847.83	-1995.29	-1934.60		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.04	0.05	22.14	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	21.72	ppb
Tin	118-1	0.09	0.08	0.07	0.08	11.10	ppb
Titanium	47-1	-0.04	-0.01	-0.05	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	205.55	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.21	0.23	0.15	0.20	20.63	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	5.71	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:33:13	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.07	0.08	0.08	8.78	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BL	Instrumnet Name :	P8
Client Sample ID :	PB101030BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:36:21	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.32	-0.66	-1.66	0.00		ppb
Antimony	121-1	0.12	0.10	0.12	0.11	11.75	ppb
Arsenic	75-2	0.00	0.02	0.03	0.01	111.66	ppb
Barium	135-1	0.00	-0.02	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.10	0.05	0.06	0.07	37.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.25	12.66	11.72	12.54	6.13	ppb
Boron	11-1	13.13	13.20	12.60	12.98	2.55	ppb
Cadmium	111-1	-0.03	-0.10	-0.10	-0.08		ppb
Cadmium	106-1	-0.71	-1.72	-1.57	-1.33		ppb
Cadmium	108-1	0.06	0.15	0.06	0.09	59.05	ppb
Calcium	43-1	-7.57	-29.06	-19.02	-18.55		ppb
Calcium	44-1	-3.14	-4.33	-3.73	-3.74		ppb
Chromium	52-2	0.06	0.00	0.09	0.05	99.15	ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.01	0.02	0.04	0.03	62.94	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.75	0.81	1.13	0.90	22.48	ppb
Iron	57-2	1.58	0.74	2.23	1.52	49.32	ppb
Lead	206-1	0.05	0.06	0.03	0.05	29.51	ppb
Lead	207-1	0.04	0.03	0.04	0.04	19.20	ppb
Lead	208-1	0.05	0.04	0.03	0.04	18.91	ppb
Lithium	6-1						%
Magnesium	24-2	0.25	0.66	0.22	0.38	64.56	ppb
Manganese	55-2	0.07	0.00	0.03	0.03	96.84	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BL	Instrumnet Name :	P8
Client Sample ID :	PB101030BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:36:21	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.03	0.03	29.55	ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	45.56	ppb
Molybdenum	97-1	0.03	0.07	0.03	0.04	58.55	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-10.76	-23.76	-22.90	-19.14		ppb
Potassium	39-2	0.37	14.55	21.63	12.18	88.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.03	0.00	3.25	2.09	86.76	ppb
Selenium	78-2	1.27	-0.63	0.39	0.34	278.05	ppb
Selenium	82-1	-0.07	-0.48	0.43	-0.04		ppb
Silicon	28-1	-17.31	-16.21	-18.26	-17.26		ppb
Silver	109-1	0.04	0.02	0.04	0.03	22.38	ppb
Silver	107-1	0.04	0.03	0.04	0.03	2.08	ppb
Sodium	23-2	35.94	39.00	37.63	37.52	4.10	ppb
Strontium	86-1	0.05	-0.11	-0.08	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1585.82	-1685.16	-1647.42	-1639.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.02	0.01	27.83	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	17.96	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.08	-0.03	0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	102.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	0.12	0.06	0.10	34.71	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	11.67	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BL	Instrumnet Name :	P8
Client Sample ID :	PB101030BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:36:21	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.03	0.04	40.54	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BS	Instrumnet Name :	P8
Client Sample ID :	PB101030BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:39:29	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	5.20	-0.67	1.61	195.92	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	4.32	ppb
Arsenic	75-2	-0.03	0.04	0.04	0.02	211.75	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	3.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.29	10.38	9.81	10.16	3.05	ppb
Boron	11-1	10.55	10.08	10.21	10.28	2.37	ppb
Cadmium	111-1	-0.06	-0.03	-0.03	-0.04		ppb
Cadmium	106-1	-1.13	-0.49	-0.53	-0.72		ppb
Cadmium	108-1	0.08	0.06	0.03	0.06	46.34	ppb
Calcium	43-1	-7.40	-23.72	-19.01	-16.71		ppb
Calcium	44-1	-5.05	-6.20	-1.12	-4.13		ppb
Chromium	52-2	-0.22	-0.20	-0.18	-0.20		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.04	-0.02	0.01	0.01	396.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.38	0.68	0.83	0.63	35.97	ppb
Iron	57-2	1.19	-0.70	0.72	0.40	244.22	ppb
Lead	206-1	483.75	480.08	502.63	488.82	2.48	ppb
Lead	207-1	487.11	483.79	507.17	492.69	2.57	ppb
Lead	208-1	487.46	482.78	506.28	492.17	2.53	ppb
Lithium	6-1						%
Magnesium	24-2	0.19	-0.39	0.85	0.22	287.26	ppb
Manganese	55-2	0.04	-0.02	0.07	0.03	154.07	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BS	Instrumnet Name :	P8
Client Sample ID :	PB101030BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:39:29	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.01	0.01	52.41	ppb
Molybdenum	95-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	77.83	ppb
Molybdenum	97-1	0.06	0.04	0.02	0.04	44.99	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.03	-0.03	-0.04		ppb
Phosphorus	31-2	-36.74	1.67	-23.81	-19.63		ppb
Potassium	39-2	-5.19	-1.42	-1.73	-2.78		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.63	-0.63	-0.47		ppb
Selenium	82-1	0.61	1.21	-0.73	0.36	272.62	ppb
Silicon	28-1	-17.92	-17.19	-14.11	-16.41		ppb
Silver	109-1	0.02	0.03	0.03	0.03	20.62	ppb
Silver	107-1	0.07	0.04	0.02	0.04	57.85	ppb
Sodium	23-2	32.13	32.41	26.47	30.34	11.05	ppb
Strontium	86-1	-0.12	-0.02	-0.05	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1773.05	-1735.38	-1346.92	-1618.45		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	32.87	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	44.61	ppb
Tin	118-1	0.15	0.21	0.23	0.20	20.95	ppb
Titanium	47-1	0.04	-0.04	-0.03	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	98.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.37	0.15	0.21	69.36	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	70.08	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BS	Instrumnet Name :	P8
Client Sample ID :	PB101030BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:39:29	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.04	0.02	61.99	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41 Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:42:37 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	314.23	298.89	304.81	305.98	2.53	ppb
Antimony	121-1	0.98	1.05	0.97	1.00	4.20	ppb
Arsenic	75-2	0.59	0.39	0.48	0.49	19.77	ppb
Barium	135-1	31.24	32.46	31.79	31.83	1.92	ppb
Barium	137-1	31.22	32.78	32.04	32.01	2.43	ppb
Beryllium	9-1	0.07	0.06	0.07	0.07	9.90	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.15	12.61	11.15	11.64	7.24	ppb
Boron	11-1	11.25	12.17	11.26	11.56	4.58	ppb
Cadmium	111-1	0.10	0.06	0.00	0.05	90.48	ppb
Cadmium	106-1	-0.56	-0.94	-1.45	-0.98		ppb
Cadmium	108-1	0.56	0.69	0.66	0.64	11.27	ppb
Calcium	43-1	5179.06	5532.61	5163.75	5291.81	3.94	ppb
Calcium	44-1	5454.34	5726.17	5420.80	5533.77	3.03	ppb
Chromium	52-2	0.14	0.24	0.17	0.18	25.96	ppb
Cobalt	59-2	0.50	0.52	0.46	0.49	6.13	ppb
Copper	63-2	624.77	629.39	622.02	625.39	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	686.34	692.78	684.73	687.95	0.62	ppb
Iron	57-2	687.22	682.01	684.97	684.73	0.38	ppb
Lead	206-1	20.81	21.83	20.09	20.91	4.20	ppb
Lead	207-1	19.43	20.05	18.96	19.48	2.79	ppb
Lead	208-1	19.91	20.65	19.54	20.03	2.81	ppb
Lithium	6-1						%
Magnesium	24-2	1311.56	1318.47	1315.48	1315.17	0.26	ppb
Manganese	55-2	400.17	407.29	402.82	403.42	0.89	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:42:37	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.20	0.17	0.20	12.27	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	28.71	ppb
Molybdenum	96-1	0.10	0.08	0.08	0.08	12.19	ppb
Molybdenum	97-1	0.07	0.07	0.10	0.08	15.81	ppb
Molybdenum	98-1	0.08	0.06	0.06	0.06	16.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.43	72.24	72.22	72.30	0.16	ppb
Phosphorus	31-2	695.92	842.82	793.44	777.39	9.62	ppb
Potassium	39-2	536.61	535.37	540.01	537.33	0.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	0.27	-0.18	-0.03		ppb
Selenium	82-1	-0.18	0.59	1.03	0.48	126.27	ppb
Silicon	28-1	1210.80	1387.68	1198.89	1265.79	8.35	ppb
Silver	109-1	0.26	0.30	0.28	0.28	7.78	ppb
Silver	107-1	0.28	0.31	0.30	0.29	6.01	ppb
Sodium	23-2	10920.37	11325.34	10927.05	11057.58	2.10	ppb
Strontium	86-1	18.53	19.53	18.76	18.94	2.76	ppb
Strontium	88-1	18.69	19.68	18.77	19.05	2.89	ppb
Sulfur	34-1	-1370.70	-1007.05	-1499.21	-1292.32		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.06	0.06	7.74	ppb
Thallium	205-1	0.07	0.08	0.05	0.06	22.11	ppb
Tin	118-1	0.44	0.48	0.41	0.44	8.00	ppb
Titanium	47-1	10.33	10.83	10.36	10.51	2.64	ppb
Uranium	238-1	0.11	0.11	0.10	0.11	6.80	ppb
Vanadium	51-2	0.45	0.43	0.40	0.43	6.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1475.92	1492.12	1471.22	1479.75	0.74	ppb
Zirconium	90-1	0.24	0.22	0.22	0.23	4.81	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:42:37	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.25	0.22	0.25	13.14	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41DUP Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:45:45 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	346.23	323.03	323.51	330.92	4.01	ppb
Antimony	121-1	0.73	0.76	0.74	0.74	1.62	ppb
Arsenic	75-2	0.59	0.39	0.57	0.52	21.00	ppb
Barium	135-1	31.81	32.55	32.10	32.15	1.17	ppb
Barium	137-1	31.70	32.37	32.03	32.03	1.04	ppb
Beryllium	9-1	0.05	0.07	0.05	0.05	22.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.13	10.79	10.66	10.86	2.23	ppb
Boron	11-1	10.78	10.02	10.18	10.33	3.87	ppb
Cadmium	111-1	0.04	0.04	0.09	0.06	48.48	ppb
Cadmium	106-1	-0.87	-1.05	-0.75	-0.89		ppb
Cadmium	108-1	0.48	0.76	0.45	0.56	30.17	ppb
Calcium	43-1	5381.59	5389.07	5247.61	5339.43	1.49	ppb
Calcium	44-1	5698.61	5768.12	5494.23	5653.65	2.52	ppb
Chromium	52-2	0.13	0.23	0.05	0.14	65.05	ppb
Cobalt	59-2	0.52	0.48	0.48	0.50	4.76	ppb
Copper	63-2	639.52	640.03	647.95	642.50	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	696.25	693.13	710.38	699.92	1.31	ppb
Iron	57-2	690.64	704.60	701.91	699.05	1.06	ppb
Lead	206-1	21.97	21.44	21.16	21.52	1.92	ppb
Lead	207-1	20.05	20.38	19.93	20.12	1.17	ppb
Lead	208-1	20.82	20.82	20.54	20.73	0.80	ppb
Lithium	6-1						%
Magnesium	24-2	1381.21	1343.63	1362.18	1362.34	1.38	ppb
Manganese	55-2	407.58	402.36	417.37	409.10	1.86	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41DUP Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:45:45 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.15	0.14	0.15	2.03	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	3.16	ppb
Molybdenum	96-1	0.08	0.11	0.10	0.10	13.49	ppb
Molybdenum	97-1	0.13	0.10	0.10	0.11	17.59	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.46	72.45	74.27	73.73	1.50	ppb
Phosphorus	31-2	776.27	515.01	602.43	631.24	21.07	ppb
Potassium	39-2	564.51	551.66	568.98	561.72	1.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.50	2.87	5.75	6.71	65.48	ppb
Selenium	78-2	0.72	0.27	0.27	0.42	62.16	ppb
Selenium	82-1	-0.07	-0.09	0.17	0.00	2962.22	ppb
Silicon	28-1	1288.32	1291.89	1224.82	1268.34	2.98	ppb
Silver	109-1	0.25	0.23	0.21	0.23	7.93	ppb
Silver	107-1	0.25	0.26	0.25	0.25	3.68	ppb
Sodium	23-2	11209.77	11116.81	11512.28	11279.62	1.83	ppb
Strontium	86-1	19.15	19.65	18.49	19.10	3.04	ppb
Strontium	88-1	19.56	19.78	19.21	19.52	1.47	ppb
Sulfur	34-1	-1252.45	-1284.11	-1792.70	-1443.09		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.04	0.04	18.05	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	18.61	ppb
Tin	118-1	0.39	0.46	0.42	0.42	8.45	ppb
Titanium	47-1	10.73	11.14	10.82	10.89	1.97	ppb
Uranium	238-1	0.11	0.13	0.12	0.12	7.09	ppb
Vanadium	51-2	0.49	0.33	0.40	0.40	19.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1501.02	1493.92	1529.88	1508.27	1.26	ppb
Zirconium	90-1	0.21	0.22	0.23	0.22	3.03	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41DUP	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:45:45	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.24	0.19	0.20	15.01	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41LX5 Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 5
 Date & Time Acquired :: 2017-07-28 18:48:53 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61.29	56.46	71.07	62.94	11.83	ppb
Antimony	121-1	0.10	0.06	0.08	0.08	23.01	ppb
Arsenic	75-2	0.09	0.07	0.09	0.09	17.01	ppb
Barium	135-1	6.20	6.26	6.02	6.16	2.01	ppb
Barium	137-1	6.20	5.83	6.31	6.11	4.15	ppb
Beryllium	9-1	0.03	0.07	0.05	0.05	44.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.11	6.45	6.42	6.66	5.85	ppb
Boron	11-1	7.04	6.73	6.75	6.84	2.46	ppb
Cadmium	111-1	-0.02	-0.11	-0.05	-0.06		ppb
Cadmium	106-1	-0.64	-1.73	-1.04	-1.14		ppb
Cadmium	108-1	0.14	0.11	0.08	0.11	26.90	ppb
Calcium	43-1	1005.62	940.69	1031.36	992.55	4.71	ppb
Calcium	44-1	1047.23	1035.30	1023.37	1035.30	1.15	ppb
Chromium	52-2	-0.05	-0.09	0.00	-0.05		ppb
Cobalt	59-2	0.08	0.09	0.07	0.08	11.58	ppb
Copper	63-2	124.69	124.31	122.57	123.86	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	135.66	138.86	134.18	136.24	1.76	ppb
Iron	57-2	136.95	126.61	144.87	136.14	6.73	ppb
Lead	206-1	4.01	4.11	3.99	4.04	1.52	ppb
Lead	207-1	3.83	3.89	3.95	3.89	1.51	ppb
Lead	208-1	3.87	3.93	3.89	3.90	0.76	ppb
Lithium	6-1						%
Magnesium	24-2	248.04	266.75	270.07	261.62	4.54	ppb
Manganese	55-2	77.84	81.93	80.32	80.03	2.58	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41LX5 Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 5
 Date & Time Acquired :: 2017-07-28 18:48:53 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.02	0.03	16.20	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	31.05	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	12.25	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	12.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.39	14.26	14.54	14.40	0.99	ppb
Phosphorus	31-2	143.19	120.38	130.21	131.26	8.72	ppb
Potassium	39-2	94.78	119.07	109.58	107.81	11.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.01	1.00	173.21	ppb
Selenium	78-2	0.78	-0.16	0.31	0.31	151.81	ppb
Selenium	82-1	0.55	0.24	-0.79	0.00		ppb
Silicon	28-1	234.35	229.88	241.41	235.21	2.47	ppb
Silver	109-1	0.05	0.05	0.06	0.05	9.55	ppb
Silver	107-1	0.06	0.07	0.06	0.06	10.73	ppb
Sodium	23-2	2106.79	2175.23	2108.38	2130.14	1.83	ppb
Strontium	86-1	3.65	3.55	3.84	3.68	4.07	ppb
Strontium	88-1	3.70	3.65	3.72	3.69	1.00	ppb
Sulfur	34-1	-1833.59	-2003.03	-2080.67	-1972.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	118.30	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	28.69	ppb
Tin	118-1	0.06	0.05	0.05	0.05	6.32	ppb
Titanium	47-1	1.95	2.16	1.91	2.01	6.74	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.78	ppb
Vanadium	51-2	0.11	0.10	0.09	0.10	7.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	287.15	293.66	287.78	289.53	1.24	ppb
Zirconium	90-1	0.04	0.04	0.02	0.03	27.62	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41LX5	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 18:48:53	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.05	0.05	12.48	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41MS	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:52:01	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2256.66	2233.20	2196.56	2228.81	1.36	ppb
Antimony	121-1	842.92	797.70	794.90	811.84	3.32	ppb
Arsenic	75-2	788.22	797.01	786.61	790.61	0.71	ppb
Barium	135-1	245.16	230.74	230.32	235.41	3.59	ppb
Barium	137-1	244.80	230.40	229.40	234.87	3.67	ppb
Beryllium	9-1	193.33	179.52	178.68	183.84	4.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	277.11	261.61	268.43	269.05	2.89	ppb
Boron	11-1	275.74	262.55	266.02	268.10	2.55	ppb
Cadmium	111-1	214.26	202.85	201.45	206.19	3.41	ppb
Cadmium	106-1	193.37	177.90	173.31	181.53	5.79	ppb
Cadmium	108-1	206.61	196.49	197.15	200.08	2.83	ppb
Calcium	43-1	6273.85	6034.94	5926.07	6078.29	2.93	ppb
Calcium	44-1	6542.63	6168.30	6202.78	6304.57	3.28	ppb
Chromium	52-2	404.27	406.50	407.62	406.13	0.42	ppb
Cobalt	59-2	204.83	207.54	205.29	205.89	0.70	ppb
Copper	63-2	953.74	955.46	936.48	948.56	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3805.18	3863.65	3886.92	3851.92	1.09	ppb
Iron	57-2	3701.08	3751.31	3785.45	3745.95	1.13	ppb
Lead	206-1	1061.68	991.93	995.05	1016.22	3.88	ppb
Lead	207-1	1036.03	963.00	972.26	990.43	4.01	ppb
Lead	208-1	1039.62	974.84	980.61	998.36	3.59	ppb
Lithium	6-1						%
Magnesium	24-2	3282.39	3302.92	3322.08	3302.47	0.60	ppb
Manganese	55-2	579.46	579.10	583.21	580.59	0.39	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41MS	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:52:01	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	128.89	121.43	120.40	123.57	3.75	ppb
Molybdenum	95-1	420.14	392.81	387.32	400.09	4.39	ppb
Molybdenum	96-1	347.79	331.48	330.22	336.50	2.91	ppb
Molybdenum	97-1	399.34	378.29	379.36	385.66	3.07	ppb
Molybdenum	98-1	414.93	388.11	389.26	397.43	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	591.53	593.63	594.58	593.24	0.26	ppb
Phosphorus	31-2	7163.09	6391.97	7096.61	6883.89	6.21	ppb
Potassium	39-2	10722.63	10513.43	10505.43	10580.49	1.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2194.67	1931.63	2039.40	2055.23	6.43	ppb
Selenium	78-2	1990.98	1936.31	1969.34	1965.54	1.40	ppb
Selenium	82-1	2094.85	1952.44	1968.81	2005.37	3.89	ppb
Silicon	28-1	2208.85	2056.53	2059.79	2108.39	4.13	ppb
Silver	109-1	81.25	77.87	77.68	78.93	2.55	ppb
Silver	107-1	82.02	77.29	76.79	78.70	3.67	ppb
Sodium	23-2	13549.94	13691.06	13643.61	13628.20	0.53	ppb
Strontium	86-1	220.64	207.20	208.06	211.97	3.55	ppb
Strontium	88-1	224.90	211.92	210.96	215.93	3.61	ppb
Sulfur	34-1	-1929.71	-2728.01	-2765.23	-2474.31		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2042.96	1896.02	1948.63	1962.54	3.79	ppb
Thallium	205-1	2060.46	1929.59	1968.12	1986.06	3.39	ppb
Tin	118-1	762.76	715.47	722.02	733.42	3.49	ppb
Titanium	47-1	213.44	200.02	201.00	204.82	3.65	ppb
Uranium	238-1	0.12	0.11	0.11	0.11	6.91	ppb
Vanadium	51-2	300.76	300.62	303.55	301.64	0.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1628.24	1630.75	1620.83	1626.61	0.32	ppb
Zirconium	90-1	0.68	0.56	0.54	0.60	12.51	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41MS	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:52:01	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.65	0.64	0.72	17.09	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41MSD Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:55:03 DataFile Name : 074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2272.71	2332.74	2164.54	2256.66	3.78	ppb
Antimony	121-1	827.41	824.83	839.44	830.56	0.94	ppb
Arsenic	75-2	810.53	814.35	816.00	813.63	0.35	ppb
Barium	135-1	240.03	241.73	246.17	242.64	1.31	ppb
Barium	137-1	241.22	241.81	241.05	241.36	0.16	ppb
Beryllium	9-1	192.77	185.89	190.96	189.87	1.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	289.36	276.54	287.68	284.53	2.45	ppb
Boron	11-1	282.53	281.41	288.55	284.16	1.35	ppb
Cadmium	111-1	209.65	209.80	213.70	211.05	1.09	ppb
Cadmium	106-1	185.81	192.76	196.90	191.82	2.92	ppb
Cadmium	108-1	200.38	200.91	200.99	200.76	0.16	ppb
Calcium	43-1	6128.01	6134.74	6092.32	6118.36	0.37	ppb
Calcium	44-1	6342.43	6379.36	6354.42	6358.74	0.30	ppb
Chromium	52-2	422.86	427.47	411.78	420.70	1.92	ppb
Cobalt	59-2	214.38	216.79	210.71	213.96	1.43	ppb
Copper	63-2	976.83	1008.96	972.54	986.11	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3999.24	4075.85	3966.88	4013.99	1.39	ppb
Iron	57-2	3932.70	4025.31	3848.21	3935.41	2.25	ppb
Lead	206-1	1025.12	1019.59	1035.14	1026.62	0.77	ppb
Lead	207-1	1012.53	993.50	1021.89	1009.31	1.43	ppb
Lead	208-1	1026.43	1005.44	1025.79	1019.22	1.17	ppb
Lithium	6-1						%
Magnesium	24-2	3401.02	3496.92	3401.72	3433.22	1.61	ppb
Manganese	55-2	600.76	618.83	592.54	604.05	2.23	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41MSD	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:55:03	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	126.28	127.10	124.57	125.98	1.02	ppb
Molybdenum	95-1	410.19	412.42	408.83	410.48	0.44	ppb
Molybdenum	96-1	338.51	344.13	342.45	341.70	0.85	ppb
Molybdenum	97-1	389.44	395.59	395.98	393.67	0.93	ppb
Molybdenum	98-1	401.33	409.07	408.71	406.37	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	610.42	622.71	604.62	612.59	1.51	ppb
Phosphorus	31-2	7731.32	8199.00	7017.53	7649.28	7.78	ppb
Potassium	39-2	10949.71	11053.47	10746.01	10916.39	1.43	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2163.82	2141.30	2064.88	2123.33	2.44	ppb
Selenium	78-2	1996.28	2026.82	2084.59	2035.90	2.20	ppb
Selenium	82-1	2054.53	2066.23	2042.06	2054.27	0.59	ppb
Silicon	28-1	2134.10	2142.87	2156.67	2144.55	0.53	ppb
Silver	109-1	80.58	80.76	81.21	80.85	0.40	ppb
Silver	107-1	79.78	81.11	81.76	80.89	1.25	ppb
Sodium	23-2	14461.99	14418.07	13876.89	14252.32	2.29	ppb
Strontium	86-1	218.29	214.41	215.54	216.08	0.92	ppb
Strontium	88-1	221.08	219.90	220.72	220.57	0.27	ppb
Sulfur	34-1	-3348.84	-3345.55	-3322.51	-3338.97		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1993.97	1961.97	1992.64	1982.86	0.91	ppb
Thallium	205-1	2035.47	1982.78	2015.17	2011.14	1.32	ppb
Tin	118-1	739.95	745.56	756.52	747.34	1.13	ppb
Titanium	47-1	208.19	206.90	208.95	208.01	0.50	ppb
Uranium	238-1	0.12	0.12	0.11	0.11	3.07	ppb
Vanadium	51-2	313.68	316.08	306.95	312.24	1.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1680.19	1707.98	1660.24	1682.80	1.42	ppb
Zirconium	90-1	0.45	0.43	0.45	0.44	2.63	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41MSD	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:55:03	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.62	0.56	0.62	0.60	5.67	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41A Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:58:06 DataFile Name : 075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2299.56	2213.83	2290.60	2268.00	2.08	ppb
Antimony	121-1	817.98	819.33	813.72	817.01	0.36	ppb
Arsenic	75-2	804.24	803.87	809.03	805.71	0.36	ppb
Barium	135-1	235.32	236.44	236.21	235.99	0.25	ppb
Barium	137-1	238.07	238.32	238.67	238.35	0.13	ppb
Beryllium	9-1	187.97	185.37	186.36	186.57	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	278.15	281.02	291.73	283.63	2.53	ppb
Boron	11-1	283.69	278.53	288.84	283.69	1.82	ppb
Cadmium	111-1	205.26	207.17	206.30	206.24	0.46	ppb
Cadmium	106-1	187.02	184.64	181.56	184.41	1.49	ppb
Cadmium	108-1	197.85	199.81	195.98	197.88	0.97	ppb
Calcium	43-1	6199.97	6088.86	6187.65	6158.83	0.99	ppb
Calcium	44-1	6471.81	6356.42	6310.50	6379.58	1.30	ppb
Chromium	52-2	419.48	414.46	413.25	415.73	0.79	ppb
Cobalt	59-2	212.97	209.82	209.26	210.68	0.95	ppb
Copper	63-2	995.92	971.07	980.09	982.36	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3958.85	3904.32	3941.96	3935.04	0.71	ppb
Iron	57-2	3918.96	3922.04	3840.89	3893.97	1.18	ppb
Lead	206-1	1019.13	1018.91	1014.14	1017.39	0.28	ppb
Lead	207-1	995.46	1000.50	995.44	997.13	0.29	ppb
Lead	208-1	1014.77	1013.42	1004.90	1011.03	0.53	ppb
Lithium	6-1						%
Magnesium	24-2	3422.78	3392.45	3428.66	3414.63	0.57	ppb
Manganese	55-2	604.47	594.80	590.20	596.49	1.22	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41A	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:58:06	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	122.89	124.22	124.23	123.78	0.62	ppb
Molybdenum	95-1	397.23	401.05	403.56	400.62	0.80	ppb
Molybdenum	96-1	335.73	338.74	340.18	338.22	0.67	ppb
Molybdenum	97-1	385.08	389.05	389.30	387.81	0.61	ppb
Molybdenum	98-1	396.49	402.79	404.17	401.15	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	619.22	604.50	609.10	610.94	1.23	ppb
Phosphorus	31-2	6795.02	7187.75	7039.41	7007.40	2.83	ppb
Potassium	39-2	11024.63	10809.91	10756.76	10863.77	1.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1953.43	2097.04	2216.18	2088.88	6.30	ppb
Selenium	78-2	2076.01	1955.70	2033.09	2021.60	3.02	ppb
Selenium	82-1	1993.88	2021.54	2014.82	2010.08	0.72	ppb
Silicon	28-1	2245.72	2112.10	2139.78	2165.87	3.26	ppb
Silver	109-1	79.21	78.86	78.97	79.01	0.23	ppb
Silver	107-1	78.49	79.40	78.55	78.81	0.65	ppb
Sodium	23-2	14132.47	14147.29	14114.73	14131.50	0.12	ppb
Strontium	86-1	209.74	210.60	211.85	210.73	0.50	ppb
Strontium	88-1	217.57	215.72	216.42	216.57	0.43	ppb
Sulfur	34-1	-3412.43	-3656.68	-3543.26	-3537.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1976.82	1996.98	1986.29	1986.70	0.51	ppb
Thallium	205-1	1998.81	2017.35	2006.63	2007.60	0.46	ppb
Tin	118-1	729.64	727.83	719.85	725.77	0.72	ppb
Titanium	47-1	208.30	204.07	206.55	206.31	1.03	ppb
Uranium	238-1	0.09	0.11	0.10	0.10	7.56	ppb
Vanadium	51-2	311.60	309.36	306.08	309.01	0.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1682.16	1654.85	1654.78	1663.93	0.95	ppb
Zirconium	90-1	0.44	0.40	0.41	0.42	4.76	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41A	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:58:06	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.55	0.55	0.54	0.55	1.08	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4462-13 Instrumnet Name : P8
 Client Sample ID : DC1302-13-FL1-KI-W4-F Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 19:01:09 DataFile Name : 076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.31	21.85	12.91	19.69	30.46	ppb
Antimony	121-1	2.21	2.12	1.99	2.11	5.26	ppb
Arsenic	75-2	0.38	0.26	0.39	0.34	20.85	ppb
Barium	135-1	21.47	21.27	20.98	21.24	1.18	ppb
Barium	137-1	21.94	21.63	21.17	21.58	1.78	ppb
Beryllium	9-1	0.10	0.07	0.09	0.09	18.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.37	17.80	17.52	18.23	5.47	ppb
Boron	11-1	19.90	19.06	18.60	19.19	3.45	ppb
Cadmium	111-1	0.01	-0.08	-0.06	-0.04		ppb
Cadmium	106-1	-0.84	-2.07	-1.29	-1.40		ppb
Cadmium	108-1	0.15	0.20	0.29	0.21	34.79	ppb
Calcium	43-1	5140.14	5148.36	5161.92	5150.14	0.21	ppb
Calcium	44-1	5383.80	5397.24	5385.35	5388.80	0.14	ppb
Chromium	52-2	0.68	0.81	0.70	0.73	9.84	ppb
Cobalt	59-2	0.86	0.93	0.87	0.89	4.46	ppb
Copper	63-2	209.66	221.91	210.09	213.89	3.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9265.42	9912.58	9342.48	9506.83	3.72	ppb
Iron	57-2	9268.75	9766.66	9329.17	9454.86	2.87	ppb
Lead	206-1	1.66	1.62	1.68	1.65	1.79	ppb
Lead	207-1	1.58	1.60	1.57	1.58	0.84	ppb
Lead	208-1	1.61	1.62	1.64	1.62	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	1186.47	1251.53	1147.11	1195.03	4.41	ppb
Manganese	55-2	25.70	27.59	25.81	26.37	4.01	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4462-13	Instrumnet Name :	P8
Client Sample ID :	DC1302-13-FL1-KI-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:01:09	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.06	0.04	0.05	24.20	ppb
Molybdenum	95-1	0.10	0.06	0.06	0.07	30.35	ppb
Molybdenum	96-1	0.15	0.12	0.14	0.14	11.04	ppb
Molybdenum	97-1	0.08	0.07	0.13	0.10	35.53	ppb
Molybdenum	98-1	0.12	0.11	0.09	0.10	14.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.79	5.23	4.50	4.84	7.65	ppb
Phosphorus	31-2	968.82	1004.81	826.38	933.34	10.11	ppb
Potassium	39-2	524.87	572.33	559.91	552.37	4.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.74	1.29	1.20	1.08	27.25	ppb
Selenium	82-1	0.14	0.18	0.60	0.31	82.77	ppb
Silicon	28-1	977.05	985.08	982.52	981.55	0.42	ppb
Silver	109-1	0.09	0.08	0.10	0.09	6.15	ppb
Silver	107-1	0.09	0.08	0.08	0.08	4.49	ppb
Sodium	23-2	10888.73	11681.70	11122.98	11231.14	3.63	ppb
Strontium	86-1	19.15	18.66	19.15	18.99	1.49	ppb
Strontium	88-1	19.23	19.17	19.04	19.14	0.51	ppb
Sulfur	34-1	-3366.70	-3087.71	-3013.47	-3155.96		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.11	0.09	0.06	0.09	31.05	ppb
Thallium	205-1	0.10	0.10	0.09	0.09	5.03	ppb
Tin	118-1	1.50	1.47	1.49	1.49	0.92	ppb
Titanium	47-1	0.35	0.45	0.33	0.38	17.86	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	42.88	ppb
Vanadium	51-2	0.11	0.10	0.08	0.10	18.43	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	431.06	457.83	435.60	441.49	3.24	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	36.94	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4462-13	Instrumnet Name :	P8
Client Sample ID :	DC1302-13-FL1-KI-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:01:09	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	17.77	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4463-06 Instrumnet Name : P8
 Client Sample ID : DC14452-06-FL1-KI-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 19:04:16 DataFile Name : 077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.02	117.58	108.33	110.98	5.19	ppb
Antimony	121-1	1.31	1.34	1.29	1.32	1.92	ppb
Arsenic	75-2	0.39	0.38	0.43	0.40	6.17	ppb
Barium	135-1	22.23	22.29	22.90	22.48	1.63	ppb
Barium	137-1	22.49	22.16	22.99	22.55	1.85	ppb
Beryllium	9-1	0.07	0.04	0.07	0.06	29.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.92	12.74	12.14	12.94	6.98	ppb
Boron	11-1	13.75	13.39	12.85	13.33	3.39	ppb
Cadmium	111-1	-0.07	-0.11	-0.08	-0.08		ppb
Cadmium	106-1	-1.33	-2.02	-1.44	-1.60		ppb
Cadmium	108-1	0.12	0.22	0.07	0.14	55.50	ppb
Calcium	43-1	5223.59	5101.97	5157.16	5160.91	1.18	ppb
Calcium	44-1	5528.10	5349.48	5468.50	5448.69	1.67	ppb
Chromium	52-2	0.09	0.02	0.04	0.05	67.65	ppb
Cobalt	59-2	0.16	0.15	0.14	0.15	8.76	ppb
Copper	63-2	401.26	384.02	376.60	387.30	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	299.82	284.28	280.09	288.07	3.61	ppb
Iron	57-2	293.13	279.88	291.17	288.06	2.48	ppb
Lead	206-1	0.94	0.94	0.91	0.93	2.08	ppb
Lead	207-1	0.85	0.87	0.89	0.87	2.72	ppb
Lead	208-1	0.89	0.90	0.92	0.90	1.83	ppb
Lithium	6-1						%
Magnesium	24-2	1253.15	1224.33	1210.45	1229.31	1.77	ppb
Manganese	55-2	150.60	140.38	140.44	143.81	4.09	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4463-06 Instrumnet Name : P8
 Client Sample ID : DC14452-06-FL1-KI-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 19:04:16 DataFile Name : 077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.06	0.07	0.07	6.18	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.03	41.23	ppb
Molybdenum	96-1	0.06	0.06	0.08	0.07	21.93	ppb
Molybdenum	97-1	0.10	0.08	0.05	0.08	28.87	ppb
Molybdenum	98-1	0.07	0.06	0.05	0.06	16.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.95	0.87	0.92	4.60	ppb
Phosphorus	31-2	786.13	875.32	750.62	804.02	7.99	ppb
Potassium	39-2	603.50	582.84	541.10	575.81	5.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	5.87	1.96	173.21	ppb
Selenium	78-2	0.79	3.96	1.21	1.99	86.65	ppb
Selenium	82-1	0.17	1.43	1.45	1.02	71.87	ppb
Silicon	28-1	1020.25	994.30	1029.81	1014.78	1.81	ppb
Silver	109-1	0.07	0.07	0.08	0.07	6.13	ppb
Silver	107-1	0.07	0.07	0.06	0.07	7.19	ppb
Sodium	23-2	12012.40	11469.32	11276.75	11586.16	3.29	ppb
Strontium	86-1	18.45	18.70	18.74	18.63	0.84	ppb
Strontium	88-1	18.89	18.73	18.53	18.72	0.98	ppb
Sulfur	34-1	-2532.81	-2923.90	-2498.30	-2651.67		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.06	0.05	0.05	10.41	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.51	ppb
Tin	118-1	1.51	1.45	1.49	1.48	2.12	ppb
Titanium	47-1	2.69	2.61	2.71	2.67	2.03	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	6.54	ppb
Vanadium	51-2	0.18	0.20	0.19	0.19	5.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	54.97	52.07	51.83	52.96	3.30	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	6.19	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4463-06	Instrumnet Name :	P8
Client Sample ID :	DC14452-06-FL1-KI-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:04:16	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.08	0.05	0.06	21.71	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:07:24	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.45	1.42	2.39	2.08	27.78	ppb
Antimony	121-1	0.08	0.11	0.09	0.09	16.41	ppb
Arsenic	75-2	0.02	0.01	0.03	0.02	58.28	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.06	0.07	0.06	0.06	8.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.80	9.06	7.60	8.49	9.14	ppb
Boron	11-1	9.28	8.85	8.82	8.98	2.85	ppb
Cadmium	111-1	-0.09	-0.06	-0.04	-0.06		ppb
Cadmium	106-1	-1.29	-0.87	-0.71	-0.96		ppb
Cadmium	108-1	-0.03	0.06	-0.03	0.00		ppb
Calcium	43-1	-12.01	-8.72	-24.60	-15.11		ppb
Calcium	44-1	-3.49	-0.41	-0.17	-1.36		ppb
Chromium	52-2	-0.18	-0.15	-0.11	-0.15		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.03	0.04	0.04	0.04	9.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.64	0.55	0.60	0.60	7.27	ppb
Iron	57-2	0.60	0.30	0.82	0.57	45.19	ppb
Lead	206-1	482.98	504.41	498.07	495.15	2.22	ppb
Lead	207-1	482.20	490.35	500.04	490.87	1.82	ppb
Lead	208-1	484.22	496.61	497.40	492.74	1.50	ppb
Lithium	6-1						%
Magnesium	24-2	-0.92	-0.50	0.09	-0.44		ppb
Manganese	55-2	0.04	0.02	0.04	0.03	43.14	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:07:24	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	23.03	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	23.18	ppb
Molybdenum	97-1	0.03	0.05	0.04	0.04	27.41	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	215.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	-0.04	-0.03		ppb
Phosphorus	31-2	-9.91	-23.36	-36.74	-23.34		ppb
Potassium	39-2	5.92	-10.99	-9.61	-4.89		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.28	-0.15	-0.15	0.33	255.26	ppb
Selenium	82-1	0.89	0.47	0.48	0.61	38.36	ppb
Silicon	28-1	-19.17	-16.63	-15.38	-17.06		ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.81	ppb
Silver	107-1	0.01	0.01	0.02	0.01	21.86	ppb
Sodium	23-2	24.96	20.70	16.31	20.66	20.96	ppb
Strontium	86-1	-0.01	-0.06	0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	94.96	ppb
Sulfur	34-1	-2998.81	-2830.78	-2487.02	-2772.21		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.04	0.03	0.03	22.25	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	12.69	ppb
Tin	118-1	0.21	0.24	0.22	0.22	6.27	ppb
Titanium	47-1	0.00	0.02	0.00	0.01	276.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	112.35	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.24	0.27	0.33	0.28	16.72	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:07:24	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	63.28	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:10:30	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.66	1.33	2.35	0.67	309.78	ppb
Antimony	121-1	0.08	0.06	0.07	0.07	7.38	ppb
Arsenic	75-2	-0.03	-0.03	0.00	-0.02		ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.02		ppb
Beryllium	9-1	0.05	0.06	0.03	0.05	26.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.45	7.15	6.69	6.76	5.24	ppb
Boron	11-1	6.32	7.13	6.67	6.70	6.07	ppb
Cadmium	111-1	-0.09	-0.10	-0.06	-0.08		ppb
Cadmium	106-1	-1.41	-1.44	-0.82	-1.22		ppb
Cadmium	108-1	-0.06	0.00	0.00	-0.02		ppb
Calcium	43-1	-13.82	-20.71	-26.48	-20.34		ppb
Calcium	44-1	-4.81	-2.67	-7.34	-4.94		ppb
Chromium	52-2	0.00	-0.02	-0.05	-0.03		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.02	0.01	0.00	0.01	71.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.29	0.63	0.49	0.47	36.29	ppb
Iron	57-2	0.84	-0.10	-0.92	-0.06		ppb
Lead	206-1	0.10	0.09	0.09	0.09	6.59	ppb
Lead	207-1	0.06	0.08	0.08	0.07	18.32	ppb
Lead	208-1	0.07	0.08	0.08	0.08	4.70	ppb
Lithium	6-1						%
Magnesium	24-2	0.32	0.25	0.68	0.42	55.30	ppb
Manganese	55-2	-0.06	0.01	-0.03	-0.03		ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB38 Instrumnet Name : P8
 Client Sample ID : CCB38 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 19:10:30 DataFile Name : 079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	299.71	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.02	0.00	0.01	83.87	ppb
Molybdenum	97-1	0.06	0.04	0.04	0.05	27.48	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	935.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.05	-0.04	-0.03		ppb
Phosphorus	31-2	-10.15	-23.75	-36.74	-23.55		ppb
Potassium	39-2	-8.74	8.11	-14.75	-5.13		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.05	1.02	173.21	ppb
Selenium	78-2	0.31	-0.15	-0.15	0.00	8127.19	ppb
Selenium	82-1	-0.12	0.12	-0.42	-0.14		ppb
Silicon	28-1	-21.63	-19.89	-19.71	-20.41		ppb
Silver	109-1	0.02	0.02	0.01	0.02	55.20	ppb
Silver	107-1	0.01	0.02	0.01	0.02	38.28	ppb
Sodium	23-2	22.67	18.60	14.27	18.52	22.69	ppb
Strontium	86-1	-0.02	-0.07	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2869.39	-2917.52	-2685.30	-2824.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.03	0.03	0.03	38.83	ppb
Thallium	205-1	0.02	0.03	0.04	0.03	31.55	ppb
Tin	118-1	0.01	0.00	-0.01	0.00		ppb
Titanium	47-1	0.03	-0.07	-0.05	-0.03		ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	0.11	0.11	0.10	15.25	ppb
Zirconium	90-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:10:30	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	-0.01	0.00	1536.54	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4463-08 Instrumnet Name : P8
 Client Sample ID : DC14452-08-FL1-KI-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 19:13:40 DataFile Name : 080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94.78	103.32	107.43	101.84	6.34	ppb
Antimony	121-1	1.75	1.73	1.69	1.72	1.87	ppb
Arsenic	75-2	0.34	0.33	0.29	0.32	8.88	ppb
Barium	135-1	20.56	21.39	21.16	21.04	2.03	ppb
Barium	137-1	21.24	21.65	21.23	21.38	1.13	ppb
Beryllium	9-1	0.03	0.05	0.05	0.04	31.15	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.76	9.54	8.37	8.89	6.68	ppb
Boron	11-1	8.90	8.79	9.14	8.95	2.01	ppb
Cadmium	111-1	-0.03	0.00	0.01	-0.01		ppb
Cadmium	106-1	-1.39	-0.80	-0.77	-0.98		ppb
Cadmium	108-1	0.05	0.10	0.05	0.06	48.16	ppb
Calcium	43-1	5119.81	5239.04	5245.54	5201.47	1.36	ppb
Calcium	44-1	5401.02	5425.63	5480.07	5435.57	0.74	ppb
Chromium	52-2	-0.02	0.08	0.02	0.03	179.81	ppb
Cobalt	59-2	0.10	0.12	0.10	0.10	9.55	ppb
Copper	63-2	669.97	718.48	659.32	682.59	4.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	261.74	285.38	267.33	271.48	4.55	ppb
Iron	57-2	273.03	269.12	260.85	267.66	2.32	ppb
Lead	206-1	2.34	2.32	2.35	2.34	0.61	ppb
Lead	207-1	2.08	2.08	2.21	2.12	3.61	ppb
Lead	208-1	2.20	2.20	2.25	2.21	1.27	ppb
Lithium	6-1						%
Magnesium	24-2	1208.22	1268.46	1213.96	1230.21	2.70	ppb
Manganese	55-2	108.72	120.92	111.58	113.74	5.61	ppb

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4463-08 Instrumnet Name : P8
 Client Sample ID : DC14452-08-FL1-KI-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 19:13:40 DataFile Name : 080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.05	0.06	0.06	16.49	ppb
Molybdenum	95-1	0.03	0.04	0.01	0.03	44.44	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	2.70	ppb
Molybdenum	97-1	0.07	0.09	0.05	0.07	25.24	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	16.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.87	11.44	10.87	11.06	2.99	ppb
Phosphorus	31-2	653.89	596.38	550.91	600.39	8.60	ppb
Potassium	39-2	525.10	591.14	560.29	558.84	5.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.05	2.89	1.98	86.69	ppb
Selenium	78-2	1.60	0.32	0.73	0.89	73.89	ppb
Selenium	82-1	0.18	1.10	0.01	0.43	135.15	ppb
Silicon	28-1	1043.03	1013.28	1031.52	1029.28	1.46	ppb
Silver	109-1	0.09	0.08	0.10	0.09	11.85	ppb
Silver	107-1	0.10	0.10	0.09	0.09	6.89	ppb
Sodium	23-2	10994.02	12061.47	11215.06	11423.52	4.93	ppb
Strontium	86-1	18.60	18.38	18.14	18.37	1.24	ppb
Strontium	88-1	18.64	18.70	18.81	18.72	0.46	ppb
Sulfur	34-1	-2423.72	-2392.36	-2214.19	-2343.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.04	0.04	0.04	21.71	ppb
Thallium	205-1	0.07	0.04	0.04	0.05	27.85	ppb
Tin	118-1	0.75	0.73	0.82	0.77	5.94	ppb
Titanium	47-1	2.67	2.59	2.54	2.60	2.57	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	23.15	ppb
Vanadium	51-2	0.17	0.26	0.19	0.20	21.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	187.32	202.73	194.24	194.77	3.96	ppb
Zirconium	90-1	0.08	0.05	0.05	0.06	25.56	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4463-08	Instrumnet Name :	P8
Client Sample ID :	DC14452-08-FL1-KI-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:13:40	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.07	0.06	11.04	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:16:47	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	3.32	-0.67	0.66	349.01	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	6.50	ppb
Arsenic	75-2	-0.04	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.02		ppb
Beryllium	9-1	0.05	0.06	0.04	0.05	15.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.29	6.57	5.28	6.04	11.19	ppb
Boron	11-1	5.58	5.63	5.61	5.61	0.40	ppb
Cadmium	111-1	0.00	-0.07	-0.04	-0.03		ppb
Cadmium	106-1	0.02	-0.99	-0.61	-0.53		ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	8.02	ppb
Calcium	43-1	-10.20	-28.32	-28.97	-22.50		ppb
Calcium	44-1	-1.36	-2.81	-5.64	-3.27		ppb
Chromium	52-2	-0.09	-0.24	-0.21	-0.18		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	0.03	0.00	0.01	199.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.50	0.39	0.44	0.44	13.16	ppb
Iron	57-2	2.66	-0.09	0.72	1.09	129.35	ppb
Lead	206-1	506.83	485.83	481.57	491.41	2.75	ppb
Lead	207-1	510.46	486.67	487.69	494.94	2.72	ppb
Lead	208-1	512.25	485.35	486.63	494.74	3.07	ppb
Lithium	6-1						%
Magnesium	24-2	1.45	0.05	-0.58	0.31	335.51	ppb
Manganese	55-2	-0.02	0.10	0.00	0.03	227.94	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:16:47	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.03	0.05	0.05	0.04	24.53	ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.03	-0.04		ppb
Phosphorus	31-2	-23.84	-36.74	2.02	-19.52		ppb
Potassium	39-2	0.12	-10.77	-10.11	-6.92		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.02	2.01	173.21	ppb
Selenium	78-2	-0.16	-0.16	2.19	0.62	217.55	ppb
Selenium	82-1	1.00	0.47	0.37	0.61	55.85	ppb
Silicon	28-1	-11.94	-20.40	-5.05	-12.46		ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.07	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.90	ppb
Sodium	23-2	21.04	19.15	17.60	19.26	8.95	ppb
Strontium	86-1	-0.02	-0.03	-0.05	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2114.01	-2856.14	-2767.53	-2579.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	60.26	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	43.87	ppb
Tin	118-1	0.19	0.18	0.19	0.19	3.50	ppb
Titanium	47-1	0.06	-0.03	-0.05	-0.01		ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	182.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.11	0.19	0.07	0.12	48.96	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:16:47	DataFile Name :	081CCV.d

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

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:19:54	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	0.32	0.34	0.33	3.71	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	15.36	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	0.01	-0.02	0.01	0.00		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	23.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.49	3.71	3.49	3.90	13.44	ppb
Boron	11-1	4.41	4.52	4.44	4.46	1.23	ppb
Cadmium	111-1	-0.13	-0.17	-0.11	-0.14		ppb
Cadmium	106-1	-1.68	-2.41	-1.44	-1.84		ppb
Cadmium	108-1	0.09	-0.03	0.03	0.03	204.91	ppb
Calcium	43-1	-14.36	-14.99	-31.04	-20.13		ppb
Calcium	44-1	-8.38	-5.13	-7.85	-7.12		ppb
Chromium	52-2	-0.01	-0.08	-0.05	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.05	0.07	0.06	16.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.49	0.52	0.37	0.46	16.57	ppb
Iron	57-2	0.43	1.55	-1.21	0.26	537.78	ppb
Lead	206-1	0.09	0.08	0.08	0.08	10.72	ppb
Lead	207-1	0.08	0.06	0.07	0.07	15.36	ppb
Lead	208-1	0.08	0.07	0.07	0.07	7.95	ppb
Lithium	6-1						%
Magnesium	24-2	0.23	0.03	-0.76	-0.17		ppb
Manganese	55-2	0.01	0.04	0.15	0.07	109.42	ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:19:54	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	334.23	ppb
Molybdenum	97-1	0.02	0.06	0.04	0.04	55.23	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.06	-0.02		ppb
Phosphorus	31-2	14.86	-10.91	-23.70	-6.58		ppb
Potassium	39-2	8.18	-7.03	-3.73	-0.86		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	0.78	1.23	0.77	59.78	ppb
Selenium	82-1	-0.23	-0.11	-0.03	-0.12		ppb
Silicon	28-1	-21.22	-21.83	-22.57	-21.87		ppb
Silver	109-1	0.01	0.01	0.00	0.01	32.28	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.10	ppb
Sodium	23-2	13.26	17.75	19.98	17.00	20.13	ppb
Strontium	86-1	-0.07	-0.05	-0.04	-0.05		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-2512.39	-2510.72	-2505.69	-2509.60		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	56.30	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	47.32	ppb
Tin	118-1	-0.03	0.00	-0.02	-0.02		ppb
Titanium	47-1	-0.02	-0.05	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	76.36	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.07	0.11	0.03	0.07	57.31	ppb
Zirconium	90-1	-0.01	0.01	-0.01	-0.01		ppb

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:19:54	DataFile Name :	082CCBE.d

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

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:11:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	8	14	69.31	cps
Antimony	121-1	75	17	42	44	65.85	cps
Arsenic	75-2	6	7	6	6	17.29	cps
Barium	135-1	42	58	58	53	18.23	cps
Barium	137-1	83	92	108	94	13.48	cps
Beryllium	9-1	50	67	61	59	14.32	cps
Bismuth	209-1	3702697	3691735	3654938	3683123	0.68	cps
Bismuth	209-2	1453853	1441816	1431666	1442445	0.77	cps
Boron	10-1	217	183	292	231	24.07	cps
Boron	11-1	942	967	917	942	2.65	cps
Cadmium	111-1	1226	1061	1187	1158	7.41	cps
Cadmium	106-1	1725	1508	1700	1645	7.21	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Calcium	43-1	4218	4143	3859	4073	4.64	cps
Calcium	44-1	58867	57971	56331	57723	2.23	cps
Chromium	52-2	1217	1183	1207	1202	1.42	cps
Cobalt	59-2	97	47	60	68	38.20	cps
Copper	63-2	307	350	327	328	6.62	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	67	8	75	50	72.65	cps
Gadolinium	160-2	13	20	20	18	21.66	cps
Holmium	165-1	6529856	6511717	6326004	6455859	1.75	cps
Holmium	165-2	2014786	2020351	1991315	2008817	0.77	cps
Indium	115-1	6391696	6425357	6204743	6340598	1.87	cps
Indium	115-2	393791	389250	390027	391023	0.62	cps
Iron	56-2	2656	2656	2606	2639	1.09	cps
Iron	57-2	78	94	50	74	30.31	cps
Lead	206-1	233	267	211	237	11.80	cps
Lead	207-1	222	233	239	231	3.67	cps
Lead	208-1	1017	1061	994	1024	3.31	cps
Lithium	6-1	1069087	1065297	1048453	1060946	1.04	cps
Magnesium	24-2	108	75	133	106	27.73	cps
Manganese	55-2	67	30	60	52	37.40	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:11:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	217	267	219	20.92	cps
Molybdenum	95-1	67	92	75	78	16.37	cps
Molybdenum	96-1	192	167	117	158	24.12	cps
Molybdenum	97-1	83	50	67	67	25.00	cps
Molybdenum	98-1	67	83	92	81	15.80	cps
Neodymium	150-1	0	13	33	16	107.87	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	113	100	100	13.33	cps
Phosphorus	31-2	25	42	8	25	66.68	cps
Potassium	39-2	3692	4034	3909	3878	4.46	cps
Rhodium	103-1	6112457	6206867	5957734	6092353	2.06	cps
Rhodium	103-2	1951886	1957038	1966010	1958311	0.36	cps
Scandium	45-1	4168924	4143885	4170919	4161243	0.36	cps
Scandium	45-2	42451	42461	41144	42018	1.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-43	-194	-67	-101	-80.14	cps
Silicon	28-1	564659	559320	572420	565466	1.16	cps
Silver	109-1	58	67	58	61	7.87	cps
Silver	107-1	33	58	42	44	28.65	cps
Sodium	23-2	3434	3276	3109	3273	4.97	cps
Strontium	86-1	1617	1308	1634	1520	12.05	cps
Strontium	88-1	350	267	367	328	16.35	cps
Sulfur	34-1	463237	462671	465649	463852	0.34	cps
Terbium	159-1	6895621	6912163	6739986	6849257	1.39	cps
Terbium	159-2	1959111	2016272	1942749	1972711	1.96	cps
Thallium	203-1	92	92	50	78	30.93	cps
Thallium	205-1	125	208	150	161	26.54	cps
Tin	118-1	742	650	892	761	16.06	cps
Titanium	47-1	142	233	208	194	24.37	cps
Uranium	238-1	142	100	67	103	36.56	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	7122414	7165059	6929764	7072412	1.77	cps
Yttrium	89-2	289202	292192	288450	289948	0.68	cps
Zinc	66-2	53	53	47	51	7.52	cps
Zirconium	90-1	425	575	800	600	31.49	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:11:05	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	108	142	114	22.35	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:18:12	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	158	192	183	12.03	cps
Antimony	121-1	16803	17379	17796	17326	2.88	cps
Arsenic	75-2	143	104	159	135	21.09	cps
Barium	135-1	16711	16995	16444	16717	1.65	cps
Barium	137-1	28791	29726	28933	29150	1.73	cps
Beryllium	9-1	1450	1545	1378	1458	5.73	cps
Bismuth	209-1	3606356	3491817	3652997	3583723	2.31	cps
Bismuth	209-2	1440044	1430197	1435963	1435402	0.34	cps
Boron	10-1	4351	4451	4142	4315	3.65	cps
Boron	11-1	19147	19572	19189	19303	1.21	cps
Cadmium	111-1	3157	2844	3018	3006	5.22	cps
Cadmium	106-1	1867	1667	1792	1775	5.69	cps
Cadmium	108-1	196	188	183	189	3.37	cps
Calcium	43-1	14650	14333	14099	14361	1.92	cps
Calcium	44-1	228181	229719	228688	228863	0.34	cps
Chromium	52-2	3561	3511	3404	3492	2.29	cps
Cobalt	59-2	2320	2204	2210	2245	2.92	cps
Copper	63-2	4591	4654	4761	4669	1.84	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	13	0	10	8	89.21	cps
Gadolinium	160-1	92	58	75	75	22.22	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	6411980	6108785	6342704	6287823	2.53	cps
Holmium	165-2	1992040	1974749	1990358	1985716	0.48	cps
Indium	115-1	6279586	6040746	6390858	6237063	2.87	cps
Indium	115-2	390198	390020	390816	390345	0.11	cps
Iron	56-2	39802	38598	39484	39295	1.59	cps
Iron	57-2	1072	1100	967	1046	6.72	cps
Lead	206-1	4823	4901	4607	4777	3.20	cps
Lead	207-1	4418	4129	4195	4247	3.56	cps
Lead	208-1	19862	19506	19518	19629	1.03	cps
Lithium	6-1	1066516	1023541	1079241	1056432	2.76	cps
Magnesium	24-2	18287	18229	18396	18304	0.46	cps
Manganese	55-2	413	390	530	444	16.88	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:18:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15660	15977	15785	15807	1.01	cps
Molybdenum	95-1	18488	18947	18739	18725	1.23	cps
Molybdenum	96-1	20850	20750	20842	20814	0.27	cps
Molybdenum	97-1	11672	11747	11664	11694	0.39	cps
Molybdenum	98-1	30135	30410	30953	30499	1.37	cps
Neodymium	150-1	13	27	40	27	50.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	770	783	783	779	0.99	cps
Phosphorus	31-2	50	17	0	22	114.56	cps
Potassium	39-2	15993	15985	16394	16124	1.45	cps
Rhodium	103-1	6049824	5818588	6058976	5975796	2.28	cps
Rhodium	103-2	1963960	1918192	1947428	1943193	1.19	cps
Scandium	45-1	4166679	4033790	4148792	4116420	1.75	cps
Scandium	45-2	42347	42070	41819	42079	0.63	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	19	22	24	22	13.08	cps
Selenium	82-1	566	612	642	607	6.28	cps
Silicon	28-1	601531	604746	603830	603369	0.27	cps
Silver	109-1	11764	11681	11405	11617	1.62	cps
Silver	107-1	12340	12757	12682	12593	1.77	cps
Sodium	23-2	48885	49328	48827	49013	0.56	cps
Strontium	86-1	3992	4101	4401	4165	5.08	cps
Strontium	88-1	22094	22494	21801	22130	1.57	cps
Sulfur	34-1	463747	460564	461403	461905	0.36	cps
Terbium	159-1	6797298	6656400	6802192	6751963	1.23	cps
Terbium	159-2	1974187	1979027	1982756	1978657	0.22	cps
Thallium	203-1	5110	5251	5168	5176	1.38	cps
Thallium	205-1	11756	12256	12498	12170	3.11	cps
Tin	118-1	29952	29575	30227	29918	1.09	cps
Titanium	47-1	5826	5576	5876	5760	2.79	cps
Uranium	238-1	14601	14818	14542	14654	0.99	cps
Vanadium	51-2	4211	4061	3854	4042	4.43	cps
Yttrium	89-1	7056071	6793609	7084873	6978184	2.30	cps
Yttrium	89-2	293716	288845	290385	290982	0.86	cps
Zinc	66-2	500	437	410	449	10.30	cps
Zirconium	90-1	13282	14433	13349	13688	4.72	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:18:12	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3034	2967	3084	3028	1.93	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:21:40	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8136	8620	8361	8372	2.89	cps
Antimony	121-1	483134	487809	488777	486573	0.62	cps
Arsenic	75-2	7912	7778	7389	7693	3.53	cps
Barium	135-1	480471	479187	476384	478680	0.44	cps
Barium	137-1	820154	831282	827780	826405	0.69	cps
Beryllium	9-1	81251	81715	81905	81623	0.41	cps
Bismuth	209-1	3718270	3656217	3740907	3705131	1.18	cps
Bismuth	209-2	1476499	1486376	1474398	1479091	0.43	cps
Boron	10-1	9395	9745	9512	9551	1.87	cps
Boron	11-1	42104	43233	45013	43450	3.37	cps
Cadmium	111-1	111023	112394	113050	112156	0.92	cps
Cadmium	106-1	13724	12999	12982	13235	3.20	cps
Cadmium	108-1	7744	8036	8257	8012	3.21	cps
Calcium	43-1	125675	124433	126498	125535	0.83	cps
Calcium	44-1	2065202	2084416	2058229	2069283	0.66	cps
Chromium	52-2	62777	62733	62545	62685	0.20	cps
Cobalt	59-2	126484	127046	127090	126873	0.27	cps
Copper	63-2	218210	218632	218072	218305	0.13	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	58	25	67	50	44.10	cps
Erbium	164-2	3	20	3	9	108.30	cps
Gadolinium	160-1	67	33	67	56	34.65	cps
Gadolinium	160-2	20	7	23	17	52.90	cps
Holmium	165-1	6515163	6379268	6493742	6462724	1.13	cps
Holmium	165-2	2026230	2051973	2035810	2038004	0.64	cps
Indium	115-1	6415914	6298914	6385993	6366941	0.95	cps
Indium	115-2	394765	397657	397990	396804	0.45	cps
Iron	56-2	2119857	2136584	2127196	2127879	0.39	cps
Iron	57-2	53771	53352	52655	53259	1.06	cps
Lead	206-1	227242	225727	231131	228034	1.22	cps
Lead	207-1	205904	205723	207143	206257	0.37	cps
Lead	208-1	922747	920641	930733	924707	0.58	cps
Lithium	6-1	1081734	1051857	1066953	1066848	1.40	cps
Magnesium	24-2	209133	214029	209903	211022	1.25	cps
Manganese	55-2	36976	37450	36371	36932	1.47	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:21:40	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	387912	387653	392169	389245	0.65	cps
Molybdenum	95-1	216340	219896	220412	218882	1.01	cps
Molybdenum	96-1	276585	275490	278710	276928	0.59	cps
Molybdenum	97-1	135160	134276	134075	134504	0.43	cps
Molybdenum	98-1	350557	346624	348146	348442	0.57	cps
Neodymium	150-1	40	20	20	27	43.30	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	37233	37430	37848	37504	0.84	cps
Phosphorus	31-2	608	642	675	642	5.19	cps
Potassium	39-2	72453	70736	73207	72132	1.76	cps
Rhodium	103-1	6088324	5968564	6091674	6049521	1.16	cps
Rhodium	103-2	1942552	1974217	1968049	1961606	0.86	cps
Scandium	45-1	4201147	4123827	4149979	4158317	0.95	cps
Scandium	45-2	42457	42926	42036	42473	1.05	cps
Selenium	77-2	57	63	83	68	20.48	cps
Selenium	78-2	215	211	211	212	1.01	cps
Selenium	82-1	7212	7381	7271	7288	1.18	cps
Silicon	28-1	848737	850255	857060	852017	0.52	cps
Silver	109-1	513138	513132	522067	516112	1.00	cps
Silver	107-1	546096	540857	550866	545940	0.92	cps
Sodium	23-2	516506	510895	513085	513495	0.55	cps
Strontium	86-1	145620	143995	143851	144488	0.68	cps
Strontium	88-1	1221493	1222996	1237132	1227207	0.70	cps
Sulfur	34-1	513541	511291	511070	511967	0.27	cps
Terbium	159-1	6981009	6746120	6962756	6896628	1.89	cps
Terbium	159-2	1995635	1972570	1976494	1981566	0.62	cps
Thallium	203-1	284106	283008	283103	283406	0.21	cps
Thallium	205-1	675148	668457	675402	673002	0.59	cps
Tin	118-1	334584	336829	341470	337628	1.04	cps
Titanium	47-1	63018	64474	63067	63520	1.30	cps
Uranium	238-1	801740	813328	805357	806808	0.73	cps
Vanadium	51-2	45066	45350	44965	45127	0.44	cps
Yttrium	89-1	7173573	6939972	7066295	7059947	1.66	cps
Yttrium	89-2	293280	295535	293512	294109	0.42	cps
Zinc	66-2	21423	21333	21190	21315	0.55	cps
Zirconium	90-1	745879	747498	742862	745413	0.32	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:21:40	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	165586	165875	163791	165084	0.68	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:25:12	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20958	21258	21409	21208	1.08	cps
Antimony	121-1	1244361	1234321	1244843	1241175	0.48	cps
Arsenic	75-2	19262	19349	19252	19288	0.28	cps
Barium	135-1	1198615	1203714	1222822	1208384	1.06	cps
Barium	137-1	2071533	2082738	2119944	2091405	1.21	cps
Beryllium	9-1	204269	202375	201586	202744	0.68	cps
Bismuth	209-1	3744912	3805182	3794832	3781642	0.85	cps
Bismuth	209-2	1484554	1494340	1483131	1487342	0.41	cps
Boron	10-1	22794	23553	24371	23573	3.35	cps
Boron	11-1	108760	107878	109037	108558	0.56	cps
Cadmium	111-1	279937	281286	285349	282191	1.00	cps
Cadmium	106-1	28790	31187	30494	30157	4.09	cps
Cadmium	108-1	19769	19540	19928	19745	0.99	cps
Calcium	43-1	308504	308802	313353	310220	0.88	cps
Calcium	44-1	5069196	4983300	5044647	5032381	0.88	cps
Chromium	52-2	157116	155340	155354	155937	0.65	cps
Cobalt	59-2	318749	316386	315466	316867	0.53	cps
Copper	63-2	542895	547553	546171	545540	0.44	cps
Dysprosium	156-1	42	33	50	42	20.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	92	75	67	78	16.37	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	6711754	6663721	6733904	6703126	0.54	cps
Holmium	165-2	2039601	2073460	2024573	2045878	1.22	cps
Indium	115-1	6524409	6436936	6532905	6498083	0.82	cps
Indium	115-2	399729	399627	396323	398560	0.49	cps
Iron	56-2	5266081	5253536	5268703	5262774	0.15	cps
Iron	57-2	132642	132638	130925	132068	0.75	cps
Lead	206-1	577422	571567	584623	577871	1.13	cps
Lead	207-1	523162	512651	522063	519292	1.11	cps
Lead	208-1	2338176	2317894	2355485	2337185	0.81	cps
Lithium	6-1	1088114	1093918	1080990	1087674	0.60	cps
Magnesium	24-2	528547	529770	525014	527777	0.47	cps
Manganese	55-2	92903	91178	91510	91864	1.00	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:25:12	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	989245	991306	999110	993220	0.52	cps
Molybdenum	95-1	549422	548702	560011	552712	1.15	cps
Molybdenum	96-1	697260	707283	707426	703990	0.83	cps
Molybdenum	97-1	340661	339554	343341	341185	0.57	cps
Molybdenum	98-1	876026	886638	877484	880049	0.65	cps
Neodymium	150-1	60	20	60	47	49.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93149	93286	92629	93021	0.37	cps
Phosphorus	31-2	1709	1900	1667	1759	7.08	cps
Potassium	39-2	178315	176847	174578	176580	1.07	cps
Rhodium	103-1	6192355	6161684	6169522	6174520	0.26	cps
Rhodium	103-2	1992375	1975714	1968357	1978815	0.62	cps
Scandium	45-1	4200655	4255596	4252120	4236124	0.73	cps
Scandium	45-2	42702	42855	43333	42963	0.77	cps
Selenium	77-2	123	127	150	133	10.89	cps
Selenium	78-2	498	519	507	508	2.01	cps
Selenium	82-1	18596	18404	18812	18604	1.10	cps
Silicon	28-1	1128535	1118110	1177345	1141330	2.77	cps
Silver	109-1	1301673	1288657	1320065	1303465	1.21	cps
Silver	107-1	1367352	1374582	1380086	1374007	0.46	cps
Sodium	23-2	1289517	1311271	1284308	1295032	1.10	cps
Strontium	86-1	361505	357811	363581	360966	0.81	cps
Strontium	88-1	3096416	3102631	3110949	3103332	0.23	cps
Sulfur	34-1	570769	567112	572243	570041	0.46	cps
Terbium	159-1	7107717	7016715	7014931	7046454	0.75	cps
Terbium	159-2	2046540	2034344	2033518	2038134	0.36	cps
Thallium	203-1	718528	709459	721256	716414	0.86	cps
Thallium	205-1	1695682	1693537	1701874	1697031	0.26	cps
Tin	118-1	865167	859754	859292	861405	0.38	cps
Titanium	47-1	157829	159381	159869	159026	0.67	cps
Uranium	238-1	2077204	2091158	2098166	2088843	0.51	cps
Vanadium	51-2	112376	112625	111204	112068	0.68	cps
Yttrium	89-1	7284885	7308093	7328377	7307118	0.30	cps
Yttrium	89-2	297210	297122	297001	297111	0.04	cps
Zinc	66-2	53640	54008	54282	53977	0.60	cps
Zirconium	90-1	1903374	1900907	1918293	1907525	0.49	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:25:12	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	414272	411467	422500	416080	1.38	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:28:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41955	41913	42156	42008	0.31	cps
Antimony	121-1	2519658	2517131	2529642	2522143	0.26	cps
Arsenic	75-2	38331	38242	38906	38493	0.94	cps
Barium	135-1	2482846	2485368	2495704	2487973	0.27	cps
Barium	137-1	4254197	4248300	4292194	4264897	0.56	cps
Beryllium	9-1	405658	404511	404711	404960	0.15	cps
Bismuth	209-1	3891167	3844835	3807844	3847949	1.08	cps
Bismuth	209-2	1493138	1500693	1444492	1479441	2.06	cps
Boron	10-1	47471	47664	48742	47959	1.43	cps
Boron	11-1	211555	215519	217323	214799	1.37	cps
Cadmium	111-1	564756	556000	556954	559236	0.86	cps
Cadmium	106-1	59491	59114	59766	59457	0.55	cps
Cadmium	108-1	38221	39182	38915	38773	1.28	cps
Calcium	43-1	612542	611838	611874	612084	0.06	cps
Calcium	44-1	9984708	9907550	9882478	9924912	0.54	cps
Chromium	52-2	306222	308287	308465	307658	0.41	cps
Cobalt	59-2	629039	631703	629326	630023	0.23	cps
Copper	63-2	1075393	1081699	1079056	1078716	0.29	cps
Dysprosium	156-1	75	67	33	58	37.80	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	42	25	58	42	40.00	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	75	100	83	86	14.79	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	6762609	6787726	6811460	6787265	0.36	cps
Holmium	165-2	2042034	2045637	1986597	2024756	1.63	cps
Indium	115-1	6559639	6447535	6509749	6505641	0.86	cps
Indium	115-2	391966	390478	378159	386868	1.96	cps
Iron	56-2	10313250	10357691	10326648	10332530	0.22	cps
Iron	57-2	263213	261357	264038	262869	0.52	cps
Lead	206-1	1170618	1173022	1168452	1170697	0.20	cps
Lead	207-1	1056975	1051273	1056439	1054896	0.30	cps
Lead	208-1	4843182	4776667	4789735	4803195	0.73	cps
Lithium	6-1	1099664	1103823	1088186	1097224	0.74	cps
Magnesium	24-2	1046467	1048498	1054018	1049661	0.37	cps
Manganese	55-2	180826	180100	181516	180814	0.39	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:28:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2050372	2023710	2021501	2031861	0.79	cps
Molybdenum	95-1	1102604	1110831	1105646	1106361	0.38	cps
Molybdenum	96-1	1436227	1425172	1429654	1430351	0.39	cps
Molybdenum	97-1	686131	691962	681019	686370	0.80	cps
Molybdenum	98-1	1843514	1803040	1794880	1813812	1.44	cps
Neodymium	150-1	127	100	73	100	26.66	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	183798	184217	183225	183747	0.27	cps
Phosphorus	31-2	3401	3309	2992	3234	6.63	cps
Potassium	39-2	343797	340512	339420	341243	0.67	cps
Rhodium	103-1	6258455	6218280	6190297	6222344	0.55	cps
Rhodium	103-2	1936549	1933592	1869037	1913059	1.99	cps
Scandium	45-1	4255774	4261962	4212006	4243248	0.64	cps
Scandium	45-2	42531	41879	40435	41615	2.58	cps
Selenium	77-2	237	300	323	287	15.64	cps
Selenium	78-2	974	959	1006	980	2.41	cps
Selenium	82-1	37196	37187	37237	37207	0.07	cps
Silicon	28-1	1689193	1691506	1660081	1680260	1.04	cps
Silver	109-1	2677962	2663633	2614653	2652083	1.25	cps
Silver	107-1	2820587	2787124	2800200	2802637	0.60	cps
Sodium	23-2	2530837	2545771	2525004	2533871	0.42	cps
Strontium	86-1	718134	725360	716648	720047	0.65	cps
Strontium	88-1	6227303	6189849	6120759	6179304	0.87	cps
Sulfur	34-1	661089	667351	658995	662479	0.66	cps
Terbium	159-1	7249491	7292304	7170381	7237392	0.85	cps
Terbium	159-2	2031714	2031784	1958199	2007232	2.12	cps
Thallium	203-1	1459692	1448112	1455414	1454406	0.40	cps
Thallium	205-1	3468665	3492047	3465568	3475427	0.42	cps
Tin	118-1	1753582	1745414	1736099	1745032	0.50	cps
Titanium	47-1	319284	317744	316349	317793	0.46	cps
Uranium	238-1	4253335	4159759	4221461	4211518	1.13	cps
Vanadium	51-2	222001	224647	222417	223021	0.64	cps
Yttrium	89-1	7366722	7394199	7274933	7345285	0.85	cps
Yttrium	89-2	296890	290617	282325	289944	2.52	cps
Zinc	66-2	106226	105024	105292	105514	0.60	cps
Zirconium	90-1	3778168	3810136	3771848	3786717	0.54	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:28:35	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	837635	838778	840817	839077	0.19	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:31:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81585	79925	81871	81127	1.29	cps
Antimony	121-1	5160886	5126927	5185887	5157900	0.57	cps
Arsenic	75-2	75752	75497	75341	75530	0.27	cps
Barium	135-1	5073195	5079581	5150778	5101185	0.84	cps
Barium	137-1	8686550	8625487	8781782	8697940	0.91	cps
Beryllium	9-1	804761	797093	797602	799819	0.54	cps
Bismuth	209-1	3998791	4066975	4068865	4044877	0.99	cps
Bismuth	209-2	1527456	1537412	1558378	1541082	1.02	cps
Boron	10-1	91155	93839	93235	92743	1.52	cps
Boron	11-1	423378	426340	432817	427512	1.13	cps
Cadmium	111-1	1140714	1132899	1156242	1143285	1.04	cps
Cadmium	106-1	117746	116964	118804	117838	0.78	cps
Cadmium	108-1	80928	79554	79751	80078	0.93	cps
Calcium	43-1	1222614	1214138	1226562	1221105	0.52	cps
Calcium	44-1	19839522	19623073	19789530	19750709	0.57	cps
Chromium	52-2	595809	597095	595420	596108	0.15	cps
Cobalt	59-2	1213952	1223815	1225005	1220924	0.50	cps
Copper	63-2	2125381	2093387	2129600	2116122	0.94	cps
Dysprosium	156-1	75	125	75	92	31.50	cps
Dysprosium	156-2	17	7	17	13	43.29	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	92	50	100	81	33.26	cps
Gadolinium	160-2	17	33	10	20	60.08	cps
Holmium	165-1	7200546	7046375	7211129	7152683	1.29	cps
Holmium	165-2	2114942	2118648	2146469	2126686	0.81	cps
Indium	115-1	6604963	6624782	6732745	6654163	1.03	cps
Indium	115-2	385974	385538	387920	386478	0.33	cps
Iron	56-2	20124963	19885812	20195012	20068596	0.81	cps
Iron	57-2	504627	508772	508521	507306	0.46	cps
Lead	206-1	2536338	2514019	2525339	2525232	0.44	cps
Lead	207-1	2268012	2237462	2303974	2269816	1.47	cps
Lead	208-1	10159799	10181351	10331842	10224331	0.92	cps
Lithium	6-1	1089776	1080135	1096714	1088875	0.76	cps
Magnesium	24-2	2071551	2044014	2050157	2055241	0.70	cps
Manganese	55-2	349953	347393	351098	349481	0.54	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:31:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4084666	4139295	4167243	4130401	1.02	cps
Molybdenum	95-1	2303715	2337839	2304920	2315491	0.84	cps
Molybdenum	96-1	2943867	2970774	2947941	2954194	0.49	cps
Molybdenum	97-1	1412910	1411609	1439406	1421308	1.10	cps
Molybdenum	98-1	3659295	3647222	3697374	3667964	0.71	cps
Neodymium	150-1	240	207	233	227	7.78	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	355190	355407	357561	356053	0.37	cps
Phosphorus	31-2	6402	6327	6435	6388	0.87	cps
Potassium	39-2	650678	649511	656568	652252	0.58	cps
Rhodium	103-1	6293749	6235333	6270141	6266408	0.47	cps
Rhodium	103-2	1914183	1921912	1937353	1924483	0.61	cps
Scandium	45-1	4232157	4202173	4256164	4230164	0.64	cps
Scandium	45-2	41826	40886	42387	41700	1.82	cps
Selenium	77-2	490	607	573	557	10.80	cps
Selenium	78-2	1989	1993	2024	2002	0.97	cps
Selenium	82-1	74298	74141	74921	74453	0.55	cps
Silicon	28-1	2790132	2763382	2789647	2781053	0.55	cps
Silver	109-1	5308925	5282245	5319341	5303504	0.36	cps
Silver	107-1	5575320	5589401	5644785	5603169	0.66	cps
Sodium	23-2	4902080	4873411	4861419	4878970	0.43	cps
Strontium	86-1	1486869	1456169	1481200	1474746	1.11	cps
Strontium	88-1	12588152	12547487	12623621	12586420	0.30	cps
Sulfur	34-1	836699	827076	833237	832337	0.59	cps
Terbium	159-1	7514842	7534113	7639677	7562878	0.89	cps
Terbium	159-2	2063584	2061406	2073053	2066015	0.30	cps
Thallium	203-1	3150730	3054299	3138691	3114573	1.69	cps
Thallium	205-1	7275661	7197795	7313134	7262197	0.81	cps
Tin	118-1	3520303	3556704	3586422	3554476	0.93	cps
Titanium	47-1	633868	625014	631713	630198	0.73	cps
Uranium	238-1	8907043	9010972	8953538	8957184	0.58	cps
Vanadium	51-2	435330	434991	435816	435379	0.10	cps
Yttrium	89-1	7439329	7359119	7478376	7425608	0.82	cps
Yttrium	89-2	289700	290887	289672	290087	0.24	cps
Zinc	66-2	204998	204422	204676	204699	0.14	cps
Zirconium	90-1	7689592	7658211	7650801	7666201	0.27	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:31:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1745914	1738104	1753408	1745809	0.44	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 15:35:04 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158644	154465	158390	157166	1.49	cps
Antimony	121-1	10367597	10478168	10431391	10425718	0.53	cps
Arsenic	75-2	146646	145088	145963	145899	0.54	cps
Barium	135-1	10332551	10534402	10290848	10385934	1.25	cps
Barium	137-1	17874521	18270622	17915109	18020084	1.21	cps
Beryllium	9-1	1578116	1618506	1584480	1593701	1.36	cps
Bismuth	209-1	4220348	4196178	4098287	4171605	1.55	cps
Bismuth	209-2	1520369	1507914	1525177	1517820	0.59	cps
Boron	10-1	183904	189670	187519	187031	1.56	cps
Boron	11-1	847486	862253	864267	858002	1.07	cps
Cadmium	111-1	2346970	2337273	2310677	2331640	0.81	cps
Cadmium	106-1	235982	239630	236486	237366	0.83	cps
Cadmium	108-1	162778	161423	162971	162391	0.52	cps
Calcium	43-1	2438019	2437175	2411444	2428879	0.62	cps
Calcium	44-1	38906474	38945584	38917979	38923346	0.05	cps
Chromium	52-2	1157029	1147657	1152137	1152274	0.41	cps
Cobalt	59-2	2409897	2418320	2378328	2402181	0.88	cps
Copper	63-2	4134511	4048976	4067441	4083643	1.10	cps
Dysprosium	156-1	158	217	175	183	16.39	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	108	50	83	81	36.33	cps
Erbium	164-2	17	13	20	17	20.01	cps
Gadolinium	160-1	142	142	108	131	14.74	cps
Gadolinium	160-2	17	37	23	26	39.85	cps
Holmium	165-1	7486526	7592078	7267973	7448859	2.22	cps
Holmium	165-2	2111774	2099799	2089212	2100262	0.54	cps
Indium	115-1	6645390	6682601	6476144	6601379	1.67	cps
Indium	115-2	368864	368764	366699	368109	0.33	cps
Iron	56-2	39181749	39111251	38815209	39036070	0.50	cps
Iron	57-2	986466	983446	978541	982818	0.41	cps
Lead	206-1	5214755	5208101	5198919	5207258	0.15	cps
Lead	207-1	4767022	4732569	4766135	4755242	0.41	cps
Lead	208-1	21113957	21235277	21320916	21223383	0.49	cps
Lithium	6-1	1065689	1067899	1035233	1056274	1.73	cps
Magnesium	24-2	3941939	3924732	3899150	3921940	0.55	cps
Manganese	55-2	673595	668864	671925	671461	0.36	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:35:04	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8173557	8177639	8206077	8185758	0.22	cps
Molybdenum	95-1	4627056	4574780	4601433	4601090	0.57	cps
Molybdenum	96-1	5838691	5804237	5874247	5839058	0.60	cps
Molybdenum	97-1	2838170	2885472	2864112	2862585	0.83	cps
Molybdenum	98-1	7364387	7382170	7317898	7354818	0.45	cps
Neodymium	150-1	360	300	373	344	11.34	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	687680	684818	685639	686045	0.21	cps
Phosphorus	31-2	13065	12056	12097	12406	4.60	cps
Potassium	39-2	1276329	1263410	1236960	1258900	1.59	cps
Rhodium	103-1	6241548	6257907	6063288	6187581	1.74	cps
Rhodium	103-2	1876156	1869833	1877176	1874388	0.21	cps
Scandium	45-1	4168849	4224366	4074752	4155989	1.82	cps
Scandium	45-2	41281	40762	40549	40864	0.92	cps
Selenium	77-2	1027	1070	1117	1071	4.20	cps
Selenium	78-2	3810	3869	3758	3812	1.46	cps
Selenium	82-1	148709	147936	148956	148534	0.36	cps
Silicon	28-1	4733490	4805261	4786590	4775114	0.78	cps
Silver	109-1	10630593	10655424	10596585	10627534	0.28	cps
Silver	107-1	11273662	11285883	11163487	11241010	0.60	cps
Sodium	23-2	9462397	9316660	9445452	9408170	0.85	cps
Strontium	86-1	2945412	2922927	2962185	2943508	0.67	cps
Strontium	88-1	25379878	25022239	25387100	25263072	0.83	cps
Sulfur	34-1	1018113	992447	1001028	1003863	1.30	cps
Terbium	159-1	7910120	8035262	7744421	7896601	1.85	cps
Terbium	159-2	2051181	2044289	2047653	2047708	0.17	cps
Thallium	203-1	6433223	6499450	6464551	6465741	0.51	cps
Thallium	205-1	15125165	15215866	15164045	15168359	0.30	cps
Tin	118-1	7150663	7266611	7178998	7198758	0.84	cps
Titanium	47-1	1282471	1264260	1247724	1264818	1.37	cps
Uranium	238-1	19114633	18852113	19036896	19001214	0.71	cps
Vanadium	51-2	853905	846408	849840	850051	0.44	cps
Yttrium	89-1	7495570	7445372	7257847	7399596	1.69	cps
Yttrium	89-2	283368	282228	281558	282385	0.32	cps
Zinc	66-2	396278	393629	392049	393985	0.54	cps
Zirconium	90-1	15426767	15350655	15392098	15389840	0.25	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:35:04	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3489381	3419887	3456527	3455265	1.01	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:38:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	842244	836517	853144	843968	1.00	cps
Antimony	121-1	26803	25567	25943	26104	2.43	cps
Arsenic	75-2	113	89	85	96	15.76	cps
Barium	135-1	6110	5768	5618	5832	4.32	cps
Barium	137-1	10663	9979	9921	10188	4.05	cps
Beryllium	9-1	589	522	539	550	6.31	cps
Bismuth	209-1	3911320	3892236	3858025	3887194	0.69	cps
Bismuth	209-2	1424640	1434154	1436436	1431743	0.44	cps
Boron	10-1	7236	6485	6352	6691	7.12	cps
Boron	11-1	33590	31544	29548	31561	6.40	cps
Cadmium	111-1	1897	1686	1829	1804	5.98	cps
Cadmium	106-1	1775	1792	1750	1772	1.18	cps
Cadmium	108-1	42	63	54	53	19.86	cps
Calcium	43-1	12292576	12409827	12394731	12365711	0.52	cps
Calcium	44-1	200665988	200597563	202211959	201158503	0.45	cps
Chromium	52-2	37601	37276	37226	37368	0.54	cps
Cobalt	59-2	4277	4071	4394	4247	3.86	cps
Copper	63-2	10291	10367	10187	10282	0.88	cps
Dysprosium	156-1	125	92	125	114	16.90	cps
Dysprosium	156-2	57	30	27	38	43.52	cps
Erbium	164-1	67	125	92	94	30.99	cps
Erbium	164-2	23	33	20	26	27.15	cps
Gadolinium	160-1	142	167	133	147	11.79	cps
Gadolinium	160-2	37	67	37	47	37.11	cps
Holmium	165-1	7383189	7299666	7144621	7275825	1.66	cps
Holmium	165-2	2112500	2152498	2132205	2132401	0.94	cps
Indium	115-1	6665393	6632593	6590385	6629457	0.57	cps
Indium	115-2	388485	389458	396049	391331	1.05	cps
Iron	56-2	201023988	198397266	203479899	200967051	1.26	cps
Iron	57-2	4974930	4970213	4999285	4981476	0.31	cps
Lead	206-1	11706	11027	11044	11259	3.44	cps
Lead	207-1	9621	9348	9443	9471	1.46	cps
Lead	208-1	44353	43898	44632	44295	0.84	cps
Lithium	6-1	1032318	1040958	1038833	1037370	0.43	cps
Magnesium	24-2	20429395	20458168	20644466	20510676	0.57	cps
Manganese	55-2	4117	4024	4174	4105	1.85	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:38:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14592	14867	14876	14778	1.09	cps
Molybdenum	95-1	22703	21702	21718	22041	2.60	cps
Molybdenum	96-1	25450	26226	27044	26240	3.04	cps
Molybdenum	97-1	14000	12648	13282	13310	5.08	cps
Molybdenum	98-1	35280	34687	34470	34813	1.20	cps
Neodymium	150-1	113	147	167	142	18.94	cps
Neodymium	150-2	27	23	27	26	7.55	cps
Nickel	60-2	12206	12196	12549	12317	1.63	cps
Phosphorus	31-2	42	17	0	19	107.85	cps
Potassium	39-2	6629820	6605712	6688008	6641180	0.64	cps
Rhodium	103-1	6014809	5953280	5917789	5961960	0.82	cps
Rhodium	103-2	1837614	1869614	1851994	1853074	0.86	cps
Scandium	45-1	4206810	4209336	4230792	4215646	0.31	cps
Scandium	45-2	42213	42374	42755	42447	0.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	305	43	214	187	70.81	cps
Silicon	28-1	578193	608066	581117	589125	2.80	cps
Silver	109-1	2575	2425	2417	2473	3.60	cps
Silver	107-1	2725	2425	2475	2542	6.32	cps
Sodium	23-2	48694613	48812028	49176324	48894322	0.51	cps
Strontium	86-1	101695	103247	103523	102822	0.96	cps
Strontium	88-1	873872	872381	875247	873833	0.16	cps
Sulfur	34-1	456212	455691	457491	456465	0.20	cps
Terbium	159-1	7677212	7644298	7591565	7637692	0.57	cps
Terbium	159-2	2071340	2073236	2070840	2071805	0.06	cps
Thallium	203-1	4193	4026	4109	4109	2.03	cps
Thallium	205-1	10063	10213	9562	9946	3.42	cps
Tin	118-1	10621	9871	10104	10199	3.77	cps
Titanium	47-1	1850	3030	2234	2372	25.38	cps
Uranium	238-1	5485	5193	5351	5343	2.73	cps
Vanadium	51-2	537	537	630	568	9.49	cps
Yttrium	89-1	7521946	7357540	7380251	7419912	1.20	cps
Yttrium	89-2	295604	297854	299686	297714	0.69	cps
Zinc	66-2	6832	7029	6942	6934	1.42	cps
Zirconium	90-1	6752	6502	5902	6385	6.84	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:38:11	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1342	1408	1333	1361	3.02	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 15:47:49 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4343	4409	4801	4518	5.48	cps
Antimony	121-1	1950612	1978744	1937028	1955461	1.09	cps
Arsenic	75-2	30742	30627	30192	30520	0.95	cps
Barium	135-1	195971	194086	191096	193718	1.27	cps
Barium	137-1	337268	333049	333060	334459	0.73	cps
Beryllium	9-1	156182	155043	152802	154676	1.11	cps
Bismuth	209-1	3894625	3897120	3803625	3865123	1.38	cps
Bismuth	209-2	1509178	1510186	1523647	1514337	0.53	cps
Boron	10-1	97640	96506	98537	97561	1.04	cps
Boron	11-1	446648	454841	449933	450474	0.92	cps
Cadmium	111-1	225983	225775	225677	225811	0.07	cps
Cadmium	106-1	33969	35105	35606	34893	2.40	cps
Cadmium	108-1	19761	19660	19719	19713	0.26	cps
Calcium	43-1	56372	56264	54574	55737	1.81	cps
Calcium	44-1	895984	892488	886298	891590	0.55	cps
Chromium	52-2	121475	117999	120066	119847	1.46	cps
Cobalt	59-2	254665	252350	250450	252489	0.84	cps
Copper	63-2	216840	217704	215896	216813	0.42	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	117	108	100	22.05	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	50	100	75	75	33.33	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	6878666	6764214	6640031	6760970	1.77	cps
Holmium	165-2	2110574	2091498	2082643	2094905	0.68	cps
Indium	115-1	6549689	6585433	6412118	6515747	1.40	cps
Indium	115-2	397676	399157	398455	398429	0.19	cps
Iron	56-2	841689	828879	828360	832976	0.91	cps
Iron	57-2	20566	20260	20209	20345	0.95	cps
Lead	206-1	934720	943778	937658	938719	0.49	cps
Lead	207-1	817995	814180	815957	816044	0.23	cps
Lead	208-1	3791273	3774245	3754742	3773420	0.48	cps
Lithium	6-1	1108316	1113656	1106372	1109448	0.34	cps
Magnesium	24-2	51135	50942	50691	50922	0.44	cps
Manganese	55-2	35913	35184	36601	35900	1.97	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:47:49	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3900600	3877531	3869636	3882589	0.41	cps
Molybdenum	95-1	2125592	2098051	2112241	2111961	0.65	cps
Molybdenum	96-1	2690249	2716576	2710432	2705752	0.51	cps
Molybdenum	97-1	1276296	1282084	1285600	1281327	0.37	cps
Molybdenum	98-1	3377880	3364745	3380413	3374346	0.25	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	74227	73479	72444	73383	1.22	cps
Phosphorus	31-2	33	0	8	14	124.91	cps
Potassium	39-2	58004	58322	57452	57926	0.76	cps
Rhodium	103-1	6268558	6322508	6340822	6310629	0.60	cps
Rhodium	103-2	2021431	2005122	2031027	2019193	0.65	cps
Scandium	45-1	4302636	4341199	4266074	4303303	0.87	cps
Scandium	45-2	43715	44159	44317	44064	0.71	cps
Selenium	77-2	183	240	257	227	16.96	cps
Selenium	78-2	783	815	828	809	2.83	cps
Selenium	82-1	28915	29388	29068	29123	0.83	cps
Silicon	28-1	2475689	2477379	2451350	2468139	0.59	cps
Silver	109-1	1020876	1024525	1025716	1023705	0.25	cps
Silver	107-1	1082782	1084120	1092716	1086539	0.50	cps
Sodium	23-2	209815	209320	207779	208971	0.51	cps
Strontium	86-1	1395999	1380170	1375623	1383931	0.77	cps
Strontium	88-1	11832227	11833442	11787965	11817878	0.22	cps
Sulfur	34-1	446085	441089	441107	442760	0.65	cps
Terbium	159-1	7265193	7202573	7093658	7187141	1.21	cps
Terbium	159-2	2064518	2085439	2091594	2080517	0.68	cps
Thallium	203-1	1188406	1188015	1173182	1183201	0.73	cps
Thallium	205-1	2879629	2882785	2845700	2869372	0.72	cps
Tin	118-1	3254413	3324058	3280119	3286197	1.07	cps
Titanium	47-1	595930	601953	601725	599869	0.57	cps
Uranium	238-1	7636173	7768422	7642913	7682503	0.97	cps
Vanadium	51-2	88072	87847	86840	87586	0.75	cps
Yttrium	89-1	7486827	7402377	7283228	7390811	1.38	cps
Yttrium	89-2	297669	300423	300520	299537	0.54	cps
Zinc	66-2	43067	42321	42284	42557	1.04	cps
Zirconium	90-1	7369544	7294445	7305929	7323306	0.55	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:47:49	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1653735	1630182	1654832	1646249	0.85	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:50:53	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	33	14	124.91	cps
Antimony	121-1	1800	1817	1584	1734	7.51	cps
Arsenic	75-2	6	11	6	7	43.24	cps
Barium	135-1	17	17	50	28	69.27	cps
Barium	137-1	83	75	75	78	6.19	cps
Beryllium	9-1	122	106	167	131	24.02	cps
Bismuth	209-1	3867864	3863099	3805954	3845639	0.90	cps
Bismuth	209-2	1494715	1473823	1485279	1484606	0.70	cps
Boron	10-1	2967	2867	2675	2837	5.23	cps
Boron	11-1	12865	13015	12489	12790	2.12	cps
Cadmium	111-1	1193	1046	1288	1176	10.41	cps
Cadmium	106-1	1717	1500	1825	1681	9.85	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	3717	3676	3734	3709	0.81	cps
Calcium	44-1	66191	63018	65429	64879	2.55	cps
Chromium	52-2	1210	1243	1260	1238	2.06	cps
Cobalt	59-2	83	87	47	72	30.73	cps
Copper	63-2	343	363	283	330	12.62	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	6644703	6588412	6668514	6633876	0.62	cps
Holmium	165-2	2059642	2035867	2069141	2054883	0.83	cps
Indium	115-1	6458451	6484109	6593288	6511949	1.10	cps
Indium	115-2	400558	399358	400569	400162	0.17	cps
Iron	56-2	3006	3704	3067	3259	11.86	cps
Iron	57-2	56	106	78	80	31.46	cps
Lead	206-1	683	622	578	628	8.44	cps
Lead	207-1	544	594	522	554	6.68	cps
Lead	208-1	2417	2634	2467	2506	4.53	cps
Lithium	6-1	1070866	1103793	1074119	1082926	1.68	cps
Magnesium	24-2	92	75	167	111	43.95	cps
Manganese	55-2	53	60	63	59	8.65	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:50:53	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	600	533	542	558	6.51	cps
Molybdenum	95-1	108	125	150	128	16.41	cps
Molybdenum	96-1	467	433	308	403	20.73	cps
Molybdenum	97-1	192	167	133	164	17.86	cps
Molybdenum	98-1	342	258	242	281	19.10	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	103	123	100	25.17	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	4292	4251	3826	4123	6.27	cps
Rhodium	103-1	6294649	6280120	6254133	6276300	0.33	cps
Rhodium	103-2	2000567	2017340	1979077	1998995	0.96	cps
Scandium	45-1	4244406	4226511	4236938	4235952	0.21	cps
Scandium	45-2	43166	42625	43156	42982	0.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-137	-104	-156	-132	-20.03	cps
Silicon	28-1	512399	566294	521688	533460	5.40	cps
Silver	109-1	133	158	217	169	25.24	cps
Silver	107-1	208	267	217	231	13.68	cps
Sodium	23-2	6518	7069	6418	6669	5.25	cps
Strontium	86-1	1308	1467	1558	1445	8.76	cps
Strontium	88-1	392	283	275	317	20.55	cps
Sulfur	34-1	440413	439222	439261	439632	0.15	cps
Terbium	159-1	7121371	7077901	7157428	7118900	0.56	cps
Terbium	159-2	2038549	2035826	2037247	2037207	0.07	cps
Thallium	203-1	375	367	308	350	10.38	cps
Thallium	205-1	875	733	767	792	9.36	cps
Tin	118-1	1367	1208	1517	1364	11.31	cps
Titanium	47-1	217	233	225	225	3.70	cps
Uranium	238-1	183	108	233	175	35.95	cps
Vanadium	51-2	10	37	20	22	60.63	cps
Yttrium	89-1	7290090	7155433	7254601	7233375	0.96	cps
Yttrium	89-2	297373	298290	296257	297307	0.34	cps
Zinc	66-2	93	113	80	96	17.56	cps
Zirconium	90-1	1483	1392	1617	1497	7.56	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:50:53	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	308	308	286	13.45	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 15:54:03 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	760548	747828	748919	752431	0.94	cps
Antimony	121-1	11781	12039	11530	11783	2.16	cps
Arsenic	75-2	48	41	52	47	12.06	cps
Barium	135-1	2784	3000	2534	2773	8.42	cps
Barium	137-1	5051	4801	4893	4915	2.57	cps
Beryllium	9-1	561	544	539	548	2.11	cps
Bismuth	209-1	3634329	3727182	3674755	3678755	1.27	cps
Bismuth	209-2	1407947	1395382	1402767	1402032	0.45	cps
Boron	10-1	2300	2517	2600	2473	6.26	cps
Boron	11-1	11672	11730	10838	11413	4.37	cps
Cadmium	111-1	1866	1772	1753	1797	3.35	cps
Cadmium	106-1	1559	1575	1592	1575	1.06	cps
Cadmium	108-1	1054	1079	1129	1088	3.51	cps
Calcium	43-1	2335704	2314902	2342112	2330906	0.61	cps
Calcium	44-1	37674303	37813906	37804585	37764265	0.21	cps
Chromium	52-2	25059	24612	25053	24908	1.03	cps
Cobalt	59-2	2757	2747	2890	2798	2.86	cps
Copper	63-2	16694	15926	16313	16311	2.35	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	3	20	10	11	75.52	cps
Erbium	164-1	58	58	58	58	0.00	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	100	25	100	75	57.74	cps
Gadolinium	160-2	17	37	20	24	43.83	cps
Holmium	165-1	6585778	6740613	6830235	6718875	1.84	cps
Holmium	165-2	2060788	2032086	2012083	2034986	1.20	cps
Indium	115-1	6173748	6413970	6470207	6352642	2.48	cps
Indium	115-2	385217	378182	381208	381536	0.92	cps
Iron	56-2	78130080	77916421	78097063	78047855	0.15	cps
Iron	57-2	1981609	1942338	1974740	1966229	1.07	cps
Lead	206-1	21719	21368	21819	21636	1.09	cps
Lead	207-1	16589	16711	16194	16498	1.64	cps
Lead	208-1	80128	79041	78779	79316	0.90	cps
Lithium	6-1	1012152	1064904	1063820	1046959	2.88	cps
Magnesium	24-2	3942085	3899722	3906822	3916210	0.58	cps
Manganese	55-2	2744	2750	2747	2747	0.12	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:54:03	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4798520	4699011	4759133	4752222	1.05	cps
Molybdenum	95-1	8318257	8287352	8351514	8319041	0.39	cps
Molybdenum	96-1	8845302	8812900	8944135	8867446	0.77	cps
Molybdenum	97-1	5166597	5105923	5213129	5161883	1.04	cps
Molybdenum	98-1	13352908	13421992	13466259	13413720	0.43	cps
Neodymium	150-1	60	60	33	51	30.11	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	4094	4034	4067	4065	0.74	cps
Phosphorus	31-2	63920	62280	62346	62849	1.48	cps
Potassium	39-2	2631936	2589130	2629039	2616701	0.91	cps
Rhodium	103-1	5816054	6028067	6001738	5948620	1.94	cps
Rhodium	103-2	1885856	1874742	1890242	1883614	0.42	cps
Scandium	45-1	4084662	4227291	4197103	4169685	1.80	cps
Scandium	45-2	41548	41662	41608	41606	0.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	40	-26	116	43	165.10	cps
Silicon	28-1	657040	653240	663772	658018	0.81	cps
Silver	109-1	1834	1684	1784	1767	4.32	cps
Silver	107-1	1834	1842	1834	1836	0.26	cps
Sodium	23-2	9583346	9610844	9625344	9606512	0.22	cps
Strontium	86-1	98253	95735	98252	97414	1.49	cps
Strontium	88-1	816206	811639	820399	816081	0.54	cps
Sulfur	34-1	3042519	3003769	2981304	3009197	1.03	cps
Terbium	159-1	6958179	7256258	7171542	7128660	2.15	cps
Terbium	159-2	2033515	2007528	2020246	2020430	0.64	cps
Thallium	203-1	908	1158	933	1000	13.77	cps
Thallium	205-1	2134	2367	2359	2286	5.79	cps
Tin	118-1	3401	3417	3651	3490	4.01	cps
Titanium	47-1	2416045	2390501	2412823	2406456	0.58	cps
Uranium	238-1	400	408	342	383	9.48	cps
Vanadium	51-2	160	127	150	146	11.75	cps
Yttrium	89-1	7085780	7200562	7264572	7183638	1.26	cps
Yttrium	89-2	293089	290281	286791	290054	1.09	cps
Zinc	66-2	2257	2317	2417	2330	3.47	cps
Zirconium	90-1	20483	17570	16327	18127	11.77	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:54:03	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4418	4092	3884	4131	6.51	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 15:57:06 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	757067	759582	752085	756245	0.50	cps
Antimony	121-1	197938	197142	197975	197685	0.24	cps
Arsenic	75-2	2858	2906	2915	2893	1.07	cps
Barium	135-1	41700	41224	40555	41160	1.40	cps
Barium	137-1	70840	70606	68386	69944	1.94	cps
Beryllium	9-1	31708	30054	31323	31028	2.79	cps
Bismuth	209-1	3663145	3612868	3602269	3626094	0.90	cps
Bismuth	209-2	1409207	1403996	1394519	1402574	0.53	cps
Boron	10-1	12006	11547	12306	11953	3.20	cps
Boron	11-1	53258	54220	54187	53888	1.01	cps
Cadmium	111-1	42859	43770	43829	43486	1.25	cps
Cadmium	106-1	6385	6552	6585	6507	1.65	cps
Cadmium	108-1	4488	4380	4347	4405	1.68	cps
Calcium	43-1	2329940	2368762	2331293	2343332	0.94	cps
Calcium	44-1	38098843	38192294	37853953	38048363	0.46	cps
Chromium	52-2	48701	47915	47152	47923	1.62	cps
Cobalt	59-2	50702	51321	50525	50849	0.82	cps
Copper	63-2	56949	57479	56511	56980	0.85	cps
Dysprosium	156-1	33	25	58	39	44.61	cps
Dysprosium	156-2	20	10	17	16	32.73	cps
Erbium	164-1	25	67	58	50	44.10	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	23	10	17	17	39.99	cps
Holmium	165-1	6615091	6673883	6760981	6683319	1.10	cps
Holmium	165-2	2043860	2034341	2002645	2026949	1.06	cps
Indium	115-1	6297031	6360706	6434864	6364200	1.08	cps
Indium	115-2	383123	382897	380461	382160	0.39	cps
Iron	56-2	78809535	78886374	77901616	78532508	0.70	cps
Iron	57-2	2002062	1978067	1985236	1988455	0.62	cps
Lead	206-1	109910	113218	111452	111527	1.48	cps
Lead	207-1	91668	91303	91249	91407	0.25	cps
Lead	208-1	428899	428884	427421	428402	0.20	cps
Lithium	6-1	1048129	1039456	1075570	1054385	1.79	cps
Magnesium	24-2	4000667	3959470	3891980	3950705	1.39	cps
Manganese	55-2	9617	9337	9470	9474	1.48	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:57:06	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5101352	5144436	5096175	5113988	0.52	cps
Molybdenum	95-1	8532307	8537398	8596489	8555398	0.42	cps
Molybdenum	96-1	9143475	9114691	9114052	9124073	0.18	cps
Molybdenum	97-1	5261799	5227742	5252693	5247411	0.34	cps
Molybdenum	98-1	13599517	13509629	13700718	13603288	0.70	cps
Neodymium	150-1	47	0	33	27	90.14	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	17625	17648	17121	17465	1.71	cps
Phosphorus	31-2	63753	63694	63275	63574	0.41	cps
Potassium	39-2	2632602	2652036	2631850	2638829	0.43	cps
Rhodium	103-1	5911854	5992069	5989618	5964514	0.76	cps
Rhodium	103-2	1903185	1914400	1862118	1893234	1.45	cps
Scandium	45-1	4172952	4207369	4269024	4216448	1.15	cps
Scandium	45-2	41354	42518	42297	42056	1.47	cps
Selenium	77-2	17	33	23	24	34.31	cps
Selenium	78-2	70	52	120	81	43.83	cps
Selenium	82-1	2820	2818	2641	2759	3.73	cps
Silicon	28-1	841830	912408	913515	889251	4.62	cps
Silver	109-1	188056	187194	187837	187696	0.24	cps
Silver	107-1	198890	198197	199303	198797	0.28	cps
Sodium	23-2	9702532	9692991	9588052	9661192	0.66	cps
Strontium	86-1	234807	238438	234455	235900	0.93	cps
Strontium	88-1	2087517	2085325	2059110	2077317	0.76	cps
Sulfur	34-1	3008362	3008555	2967881	2994933	0.78	cps
Terbium	159-1	7069996	7175801	7144726	7130174	0.76	cps
Terbium	159-2	1995505	1995304	1991672	1994160	0.11	cps
Thallium	203-1	112791	111916	110882	111863	0.85	cps
Thallium	205-1	265892	264851	261229	263991	0.93	cps
Tin	118-1	335417	335194	336580	335730	0.22	cps
Titanium	47-1	2478038	2497304	2482601	2485981	0.40	cps
Uranium	238-1	797823	792488	801475	797262	0.57	cps
Vanadium	51-2	16760	16967	16950	16893	0.68	cps
Yttrium	89-1	7075311	7256755	7213916	7181994	1.32	cps
Yttrium	89-2	290495	291641	288516	290217	0.54	cps
Zinc	66-2	6582	6352	6145	6359	3.44	cps
Zirconium	90-1	770599	774029	770605	771744	0.26	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 15:57:06	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	171813	172615	173922	172783	0.62	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:00:10	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430215	427127	427326	428222	0.40	cps
Antimony	121-1	5000852	5079695	5063451	5047999	0.82	cps
Arsenic	75-2	77037	76898	75631	76522	1.01	cps
Barium	135-1	5026287	5105605	5025148	5052347	0.91	cps
Barium	137-1	8628079	8578180	8633592	8613284	0.35	cps
Beryllium	9-1	789037	792997	791916	791317	0.26	cps
Bismuth	209-1	3783496	3780751	3702822	3755689	1.22	cps
Bismuth	209-2	1423997	1428325	1418705	1423676	0.34	cps
Boron	10-1	91498	94988	94535	93674	2.03	cps
Boron	11-1	423053	432965	433768	429929	1.39	cps
Cadmium	111-1	1076457	1094846	1089023	1086775	0.86	cps
Cadmium	106-1	111282	114055	112273	112537	1.25	cps
Cadmium	108-1	76461	77522	75666	76550	1.22	cps
Calcium	43-1	6068873	6136701	6108380	6104652	0.56	cps
Calcium	44-1	99426892	99990690	100419694	99945758	0.50	cps
Chromium	52-2	625271	627050	624589	625637	0.20	cps
Cobalt	59-2	1226081	1228691	1222871	1225881	0.24	cps
Copper	63-2	2094329	2094931	2083629	2090963	0.30	cps
Dysprosium	156-1	158	142	142	147	6.54	cps
Dysprosium	156-2	27	13	17	19	36.75	cps
Erbium	164-1	67	117	100	94	26.96	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	100	133	92	108	20.35	cps
Gadolinium	160-2	43	20	10	24	69.97	cps
Holmium	165-1	6911964	6849618	6808660	6856747	0.76	cps
Holmium	165-2	2088183	2089166	2094930	2090760	0.17	cps
Indium	115-1	6460665	6466918	6393014	6440199	0.64	cps
Indium	115-2	384202	384913	385265	384793	0.14	cps
Iron	56-2	99522274	100077794	99309644	99636571	0.40	cps
Iron	57-2	2536871	2522823	2520559	2526751	0.35	cps
Lead	206-1	2357999	2394941	2358275	2370405	0.90	cps
Lead	207-1	2156784	2178620	2131343	2155582	1.10	cps
Lead	208-1	9644790	9711702	9650570	9669021	0.38	cps
Lithium	6-1	1070283	1049551	1060577	1060137	0.98	cps
Magnesium	24-2	10407984	10357391	10301236	10355537	0.52	cps
Manganese	55-2	358871	361893	362983	361249	0.59	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:00:10	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4030988	4073679	4093319	4065995	0.78	cps
Molybdenum	95-1	2297266	2340220	2319562	2319016	0.93	cps
Molybdenum	96-1	2891824	2916970	2973890	2927561	1.44	cps
Molybdenum	97-1	1391410	1402642	1418602	1404218	0.97	cps
Molybdenum	98-1	3631583	3666321	3681745	3659883	0.70	cps
Neodymium	150-1	227	273	180	227	20.59	cps
Neodymium	150-2	20	23	7	17	52.90	cps
Nickel	60-2	359266	356718	353385	356457	0.83	cps
Phosphorus	31-2	6827	6493	7044	6788	4.08	cps
Potassium	39-2	3407282	3398950	3408700	3404977	0.15	cps
Rhodium	103-1	5927138	5942360	5933001	5934166	0.13	cps
Rhodium	103-2	1909950	1893377	1877647	1893658	0.85	cps
Scandium	45-1	4252799	4280740	4207098	4246879	0.88	cps
Scandium	45-2	42036	43119	43320	42825	1.61	cps
Selenium	77-2	570	580	547	566	3.02	cps
Selenium	78-2	1943	1933	2084	1987	4.23	cps
Selenium	82-1	72688	73114	72947	72916	0.29	cps
Silicon	28-1	2793481	2810850	2861352	2821894	1.25	cps
Silver	109-1	5062109	5072111	5045018	5059746	0.27	cps
Silver	107-1	5301825	5359351	5343172	5334783	0.56	cps
Sodium	23-2	25103800	24820183	24755869	24893284	0.74	cps
Strontium	86-1	1510606	1509263	1494592	1504820	0.59	cps
Strontium	88-1	12997424	12871723	12753946	12874364	0.95	cps
Sulfur	34-1	788121	792545	800558	793741	0.79	cps
Terbium	159-1	7368250	7278245	7270744	7305746	0.74	cps
Terbium	159-2	2042585	2036507	2047949	2042347	0.28	cps
Thallium	203-1	2953746	2957213	2925651	2945537	0.59	cps
Thallium	205-1	6976598	6885544	6875255	6912466	0.81	cps
Tin	118-1	3518582	3509197	3540594	3522791	0.46	cps
Titanium	47-1	636444	632265	643603	637437	0.90	cps
Uranium	238-1	8592218	8538545	8616374	8582379	0.46	cps
Vanadium	51-2	452714	449495	450220	450810	0.37	cps
Yttrium	89-1	7424991	7368749	7267876	7353872	1.08	cps
Yttrium	89-2	296145	296038	295845	296009	0.05	cps
Zinc	66-2	202387	202356	203226	202656	0.24	cps
Zirconium	90-1	7598110	7648328	7548244	7598227	0.66	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P8
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:00:10	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1700213	1728710	1700710	1709878	0.95	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:03:27	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	25	22	57.30	cps
Antimony	121-1	2884	2517	2509	2637	8.12	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	50	17	50	39	49.48	cps
Barium	137-1	50	25	50	42	34.64	cps
Beryllium	9-1	161	144	172	159	8.78	cps
Bismuth	209-1	3711128	3801724	3732256	3748370	1.26	cps
Bismuth	209-2	1458134	1454681	1464383	1459066	0.34	cps
Boron	10-1	3301	2942	2709	2984	9.99	cps
Boron	11-1	14141	12673	12406	13073	7.15	cps
Cadmium	111-1	1093	1018	1133	1081	5.36	cps
Cadmium	106-1	1550	1450	1625	1542	5.70	cps
Cadmium	108-1	13	25	25	21	34.64	cps
Calcium	43-1	4176	3859	4309	4115	5.62	cps
Calcium	44-1	70578	71057	70159	70598	0.64	cps
Chromium	52-2	1190	1213	1150	1185	2.70	cps
Cobalt	59-2	47	97	73	72	34.64	cps
Copper	63-2	427	513	457	466	9.45	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	17	25	58	33	66.14	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	6601276	6622231	6461119	6561542	1.34	cps
Holmium	165-2	2053950	2016945	2025059	2031985	0.96	cps
Indium	115-1	6585930	6428323	6444554	6486269	1.34	cps
Indium	115-2	395661	392796	396179	394878	0.46	cps
Iron	56-2	3434	3423	3545	3467	1.95	cps
Iron	57-2	106	89	100	98	8.65	cps
Lead	206-1	550	567	622	580	6.52	cps
Lead	207-1	478	422	411	437	8.17	cps
Lead	208-1	2033	2022	2095	2050	1.90	cps
Lithium	6-1	1088325	1087226	1087947	1087833	0.05	cps
Magnesium	24-2	225	175	92	164	41.10	cps
Manganese	55-2	67	90	90	82	16.38	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:03:27	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608	717	758	694	11.15	cps
Molybdenum	95-1	267	217	167	217	23.08	cps
Molybdenum	96-1	342	325	333	333	2.50	cps
Molybdenum	97-1	250	275	175	233	22.30	cps
Molybdenum	98-1	308	342	333	328	5.29	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	80	83	113	92	19.91	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	4818	4851	4826	4832	0.36	cps
Rhodium	103-1	6158892	6146348	6175561	6160267	0.24	cps
Rhodium	103-2	2006908	1976031	1972303	1985081	0.96	cps
Scandium	45-1	4288988	4224697	4210286	4241323	0.99	cps
Scandium	45-2	42608	42735	41876	42406	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	37	-116	-36	-38	-201.65	cps
Silicon	28-1	526078	514834	503913	514942	2.15	cps
Silver	109-1	392	300	275	322	19.06	cps
Silver	107-1	392	467	367	408	12.75	cps
Sodium	23-2	12206	12164	11146	11839	5.07	cps
Strontium	86-1	1475	1508	1375	1453	4.78	cps
Strontium	88-1	192	308	250	250	23.33	cps
Sulfur	34-1	430263	428341	426398	428334	0.45	cps
Terbium	159-1	7106687	7084624	7117703	7103005	0.24	cps
Terbium	159-2	2026164	2007428	2010550	2014714	0.50	cps
Thallium	203-1	525	433	408	456	13.48	cps
Thallium	205-1	1092	892	875	953	12.65	cps
Tin	118-1	1208	1017	1133	1120	8.63	cps
Titanium	47-1	150	208	133	164	24.03	cps
Uranium	238-1	133	92	92	106	22.79	cps
Vanadium	51-2	13	10	7	10	33.30	cps
Yttrium	89-1	7198135	7143317	7177871	7173108	0.39	cps
Yttrium	89-2	295259	295372	293065	294565	0.44	cps
Zinc	66-2	80	77	67	74	9.32	cps
Zirconium	90-1	1692	1517	1467	1558	7.58	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P8
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:03:27	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	392	342	369	6.89	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:06:35	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	275	142	200	34.11	cps
Antimony	121-1	18180	18105	18472	18252	1.06	cps
Arsenic	75-2	170	137	139	149	12.59	cps
Barium	135-1	17220	16845	16895	16987	1.20	cps
Barium	137-1	29760	29667	29476	29634	0.49	cps
Beryllium	9-1	1595	1617	1517	1576	3.33	cps
Bismuth	209-1	3669075	3606261	3638726	3638021	0.86	cps
Bismuth	209-2	1430849	1436587	1418352	1428596	0.65	cps
Boron	10-1	6077	5826	5626	5843	3.86	cps
Boron	11-1	25590	25849	27377	26272	3.68	cps
Cadmium	111-1	3195	3123	2939	3086	4.28	cps
Cadmium	106-1	1725	1834	1600	1720	6.79	cps
Cadmium	108-1	125	158	146	143	11.77	cps
Calcium	43-1	14358	15092	14216	14555	3.23	cps
Calcium	44-1	243709	239842	242231	241927	0.81	cps
Chromium	52-2	3681	3567	3480	3576	2.81	cps
Cobalt	59-2	2157	2240	2417	2271	5.85	cps
Copper	63-2	4724	4638	4808	4723	1.80	cps
Dysprosium	156-1	8	0	50	19	137.78	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	50	42	100	64	49.38	cps
Gadolinium	160-2	20	7	10	12	56.76	cps
Holmium	165-1	6595763	6514974	6574143	6561627	0.64	cps
Holmium	165-2	2019837	2017537	1991766	2009713	0.78	cps
Indium	115-1	6522105	6436113	6396701	6451640	0.99	cps
Indium	115-2	400075	396819	399942	398945	0.46	cps
Iron	56-2	40660	40448	41612	40907	1.52	cps
Iron	57-2	1117	1056	956	1043	7.80	cps
Lead	206-1	5101	4401	4484	4662	8.20	cps
Lead	207-1	4557	4229	4262	4349	4.15	cps
Lead	208-1	19801	19067	18973	19280	2.35	cps
Lithium	6-1	1092025	1088851	1104828	1095235	0.77	cps
Magnesium	24-2	19447	19147	19406	19333	0.84	cps
Manganese	55-2	350	393	317	353	10.88	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:06:35	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15960	16277	16244	16160	1.08	cps
Molybdenum	95-1	18722	19415	19281	19139	1.92	cps
Molybdenum	96-1	21693	21493	21568	21585	0.47	cps
Molybdenum	97-1	11947	12198	11497	11881	2.99	cps
Molybdenum	98-1	31304	30928	30569	30934	1.19	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	810	780	783	791	2.08	cps
Phosphorus	31-2	0	50	17	22	114.56	cps
Potassium	39-2	17561	17320	17019	17300	1.57	cps
Rhodium	103-1	6179522	6133266	6075615	6129468	0.85	cps
Rhodium	103-2	2010770	2029416	2005843	2015343	0.62	cps
Scandium	45-1	4303950	4255113	4253231	4270765	0.67	cps
Scandium	45-2	43758	43414	43855	43676	0.53	cps
Selenium	77-2	3	13	7	8	65.47	cps
Selenium	78-2	19	30	13	20	41.67	cps
Selenium	82-1	596	561	585	581	3.05	cps
Silicon	28-1	568118	562453	561618	564063	0.63	cps
Silver	109-1	12506	12240	12548	12431	1.35	cps
Silver	107-1	13658	12414	13065	13046	4.77	cps
Sodium	23-2	56220	55902	55091	55738	1.04	cps
Strontium	86-1	3984	3976	3684	3881	4.40	cps
Strontium	88-1	22979	22745	22753	22826	0.58	cps
Sulfur	34-1	430100	431506	432627	431411	0.29	cps
Terbium	159-1	7054688	6885212	6896303	6945401	1.37	cps
Terbium	159-2	2031091	1995442	1986218	2004250	1.18	cps
Thallium	203-1	5652	5276	4985	5304	6.30	cps
Thallium	205-1	12807	12131	13107	12682	3.94	cps
Tin	118-1	29993	31772	30653	30806	2.92	cps
Titanium	47-1	5260	5827	5426	5504	5.29	cps
Uranium	238-1	13725	13817	13750	13764	0.34	cps
Vanadium	51-2	4067	4187	4071	4108	1.66	cps
Yttrium	89-1	7252573	7219384	7086521	7186159	1.22	cps
Yttrium	89-2	298488	296959	296466	297304	0.35	cps
Zinc	66-2	450	453	470	458	2.34	cps
Zirconium	90-1	15393	14358	14091	14614	4.70	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:06:35	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3117	3326	3067	3170	4.32	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BL	Instrumnet Name :	P8
Client Sample ID :	PB101045BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:09:44	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	17	31	56.77	cps
Antimony	121-1	458	458	650	522	21.19	cps
Arsenic	75-2	7	6	6	6	17.29	cps
Barium	135-1	33	50	33	39	24.75	cps
Barium	137-1	25	33	50	36	35.25	cps
Beryllium	9-1	100	83	94	93	9.16	cps
Bismuth	209-1	3594057	3719755	3731306	3681706	2.07	cps
Bismuth	209-2	1451646	1454875	1464303	1456941	0.45	cps
Boron	10-1	1542	1600	1450	1531	4.94	cps
Boron	11-1	7552	7369	7094	7338	3.15	cps
Cadmium	111-1	1090	1080	1119	1097	1.86	cps
Cadmium	106-1	1550	1525	1592	1556	2.17	cps
Cadmium	108-1	17	0	17	11	86.60	cps
Calcium	43-1	4368	3726	3851	3981	8.55	cps
Calcium	44-1	66853	66768	67002	66874	0.18	cps
Chromium	52-2	1260	1180	1090	1177	7.23	cps
Cobalt	59-2	40	100	47	62	52.85	cps
Copper	63-2	443	440	430	438	1.58	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	50	17	25	88.19	cps
Erbium	164-2	3	20	13	12	68.66	cps
Gadolinium	160-1	67	67	50	61	15.75	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	6317077	6520266	6514576	6450640	1.79	cps
Holmium	165-2	2037203	2056279	2022424	2038635	0.83	cps
Indium	115-1	6262181	6459679	6457561	6393140	1.77	cps
Indium	115-2	402172	397866	402134	400724	0.62	cps
Iron	56-2	2878	3073	3073	3008	3.73	cps
Iron	57-2	94	83	117	98	17.29	cps
Lead	206-1	422	383	400	402	4.86	cps
Lead	207-1	356	422	417	398	9.29	cps
Lead	208-1	1661	1728	1795	1728	3.86	cps
Lithium	6-1	1070199	1099306	1102738	1090748	1.64	cps
Magnesium	24-2	167	142	225	178	24.06	cps
Manganese	55-2	83	53	37	58	40.93	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BL	Instrumnet Name :	P8
Client Sample ID :	PB101045BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:09:44	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	383	425	381	12.06	cps
Molybdenum	95-1	83	33	67	61	41.67	cps
Molybdenum	96-1	167	183	158	169	7.51	cps
Molybdenum	97-1	108	108	117	111	4.33	cps
Molybdenum	98-1	133	100	67	100	33.33	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	80	67	72	9.61	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	4326	3942	3984	4084	5.15	cps
Rhodium	103-1	5940219	6260523	6204764	6135169	2.79	cps
Rhodium	103-2	1987888	2012352	2006479	2002240	0.64	cps
Scandium	45-1	4090621	4310283	4340724	4247209	3.21	cps
Scandium	45-2	44086	43514	43531	43710	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	9	6	57.80	cps
Selenium	82-1	-136	-61	-88	-95	-39.79	cps
Silicon	28-1	512853	511741	517849	514148	0.63	cps
Silver	109-1	217	258	308	261	17.58	cps
Silver	107-1	317	383	225	308	25.78	cps
Sodium	23-2	7210	7878	7461	7516	4.48	cps
Strontium	86-1	1383	1559	1659	1533	9.08	cps
Strontium	88-1	325	150	217	231	38.31	cps
Sulfur	34-1	435312	433893	434902	434702	0.17	cps
Terbium	159-1	6710216	7016606	7037016	6921279	2.65	cps
Terbium	159-2	2043755	2032349	2022451	2032852	0.52	cps
Thallium	203-1	225	300	208	244	19.98	cps
Thallium	205-1	475	533	542	517	7.03	cps
Tin	118-1	567	792	592	650	18.97	cps
Titanium	47-1	217	267	208	231	13.68	cps
Uranium	238-1	25	42	100	56	70.89	cps
Vanadium	51-2	3	13	17	11	62.48	cps
Yttrium	89-1	6918918	7319068	7270138	7169375	3.04	cps
Yttrium	89-2	298766	296236	298275	297759	0.45	cps
Zinc	66-2	70	87	57	71	21.14	cps
Zirconium	90-1	917	900	967	928	3.74	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BL	Instrumnet Name :	P8
Client Sample ID :	PB101045BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:09:44	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	225	192	206	8.44	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BS	Instrumnet Name :	P8
Client Sample ID :	PB101045BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:12:53	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	442	425	400	14.58	cps
Antimony	121-1	36919	36300	36158	36459	1.11	cps
Arsenic	75-2	304	372	285	320	14.31	cps
Barium	135-1	34680	34947	35256	34961	0.82	cps
Barium	137-1	58631	61042	59602	59758	2.03	cps
Beryllium	9-1	3317	3050	3078	3149	4.66	cps
Bismuth	209-1	3604455	3646913	3558920	3603429	1.22	cps
Bismuth	209-2	1423799	1432718	1418926	1425148	0.49	cps
Boron	10-1	9103	9987	9420	9504	4.71	cps
Boron	11-1	42096	44161	43868	43375	2.58	cps
Cadmium	111-1	5069	5436	5215	5240	3.53	cps
Cadmium	106-1	1884	2050	2217	2050	8.13	cps
Cadmium	108-1	263	279	292	278	5.27	cps
Calcium	43-1	26275	25441	25825	25847	1.62	cps
Calcium	44-1	428491	429970	422440	426967	0.93	cps
Chromium	52-2	6085	6088	5718	5964	3.57	cps
Cobalt	59-2	4941	4654	5004	4866	3.83	cps
Copper	63-2	8863	9230	8983	9025	2.07	cps
Dysprosium	156-1	0	33	33	22	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	75	58	67	67	12.49	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	6511996	6545793	6269111	6442300	2.34	cps
Holmium	165-2	2024468	1999601	2002160	2008743	0.68	cps
Indium	115-1	6431244	6476603	6314861	6407569	1.30	cps
Indium	115-2	398806	402048	397048	399301	0.64	cps
Iron	56-2	315580	315619	315377	315525	0.04	cps
Iron	57-2	7641	7880	7424	7649	2.98	cps
Lead	206-1	10366	9804	9982	10051	2.86	cps
Lead	207-1	9087	8748	8614	8816	2.76	cps
Lead	208-1	40671	39486	39714	39957	1.57	cps
Lithium	6-1	1091084	1098541	1090383	1093336	0.41	cps
Magnesium	24-2	39773	39114	38486	39124	1.64	cps
Manganese	55-2	847	790	733	790	7.17	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BS	Instrumnet Name :	P8
Client Sample ID :	PB101045BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:12:53	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	32724	33860	32716	33100	1.99	cps
Molybdenum	95-1	40670	39667	39759	40032	1.38	cps
Molybdenum	96-1	43655	44449	42894	43666	1.78	cps
Molybdenum	97-1	25199	23880	24131	24403	2.87	cps
Molybdenum	98-1	63039	63776	63667	63494	0.63	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1723	1540	1540	1601	6.61	cps
Phosphorus	31-2	8	17	25	17	50.01	cps
Potassium	39-2	30016	31052	30476	30515	1.70	cps
Rhodium	103-1	6135852	6238456	6048025	6140777	1.55	cps
Rhodium	103-2	2002809	1988575	1994755	1995380	0.36	cps
Scandium	45-1	4307095	4268414	4188346	4254618	1.42	cps
Scandium	45-2	43755	43290	42822	43289	1.08	cps
Selenium	77-2	10	20	10	13	43.30	cps
Selenium	78-2	30	31	46	36	25.52	cps
Selenium	82-1	1391	1319	1296	1335	3.69	cps
Silicon	28-1	623015	618310	619560	620295	0.39	cps
Silver	109-1	19465	19749	19014	19409	1.91	cps
Silver	107-1	21501	20558	20817	20959	2.33	cps
Sodium	23-2	105866	103902	103290	104353	1.29	cps
Strontium	86-1	6885	7427	6802	7038	4.82	cps
Strontium	88-1	47986	48738	47367	48030	1.43	cps
Sulfur	34-1	431952	435079	432352	433128	0.39	cps
Terbium	159-1	6925550	6835413	6759829	6840264	1.21	cps
Terbium	159-2	2021582	1989441	1967133	1992719	1.37	cps
Thallium	203-1	10396	11280	10555	10744	4.39	cps
Thallium	205-1	24809	24758	24491	24686	0.69	cps
Tin	118-1	60764	63024	60395	61395	2.32	cps
Titanium	47-1	12448	11555	11730	11911	3.97	cps
Uranium	238-1	29912	29052	28667	29210	2.18	cps
Vanadium	51-2	8333	8639	8449	8474	1.83	cps
Yttrium	89-1	7236325	7224521	6972431	7144425	2.09	cps
Yttrium	89-2	299496	300798	296775	299023	0.69	cps
Zinc	66-2	840	877	953	890	6.50	cps
Zirconium	90-1	29183	30243	28640	29355	2.78	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101045BS	Instrumnet Name :	P8
Client Sample ID :	PB101045BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:12:53	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6852	6585	6235	6557	4.72	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4260-11	Instrumnet Name :	P8
Client Sample ID :	MBDX34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:16:02	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	33	39	12.38	cps
Antimony	121-1	308	283	383	325	16.01	cps
Arsenic	75-2	6	0	2	2	114.63	cps
Barium	135-1	58	75	83	72	17.62	cps
Barium	137-1	58	117	150	108	42.83	cps
Beryllium	9-1	61	83	139	94	42.42	cps
Bismuth	209-1	3941491	3936999	3904916	3927802	0.51	cps
Bismuth	209-2	1548194	1480390	1508425	1512336	2.25	cps
Boron	10-1	1275	1250	1258	1261	1.01	cps
Boron	11-1	6402	5493	5776	5890	7.89	cps
Cadmium	111-1	1218	1095	1296	1203	8.42	cps
Cadmium	106-1	1734	1567	1842	1714	8.08	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	4159	3942	3967	4023	2.95	cps
Calcium	44-1	65471	67061	65195	65909	1.53	cps
Chromium	52-2	957	983	1020	987	3.22	cps
Cobalt	59-2	53	33	57	48	26.42	cps
Copper	63-2	453	440	457	450	1.96	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	42	0	22	94.38	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	100	67	108	92	24.05	cps
Gadolinium	160-2	3	13	20	12	68.66	cps
Holmium	165-1	7017118	6784859	6871603	6891193	1.70	cps
Holmium	165-2	2157382	2100132	2137570	2131695	1.36	cps
Indium	115-1	6894404	6850618	6914006	6886343	0.47	cps
Indium	115-2	432333	414373	414848	420518	2.43	cps
Iron	56-2	3206	2823	2845	2958	7.28	cps
Iron	57-2	94	139	67	100	36.43	cps
Lead	206-1	589	467	478	511	13.22	cps
Lead	207-1	522	583	511	539	7.22	cps
Lead	208-1	2339	2222	2056	2206	6.46	cps
Lithium	6-1	1182825	1168727	1165358	1172303	0.79	cps
Magnesium	24-2	142	100	200	147	34.12	cps
Manganese	55-2	63	53	43	53	18.75	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4260-11	Instrumnet Name :	P8
Client Sample ID :	MBDX34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:16:02	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	225	200	222	9.44	cps
Molybdenum	95-1	83	75	67	75	11.11	cps
Molybdenum	96-1	192	117	175	161	24.45	cps
Molybdenum	97-1	58	142	100	100	41.66	cps
Molybdenum	98-1	67	58	100	75	29.40	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	70	113	77	87	26.93	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	4351	4368	4551	4423	2.51	cps
Rhodium	103-1	6688540	6694311	6752500	6711783	0.53	cps
Rhodium	103-2	2157317	2090858	2086227	2111467	1.88	cps
Scandium	45-1	4566336	4594209	4646361	4602302	0.88	cps
Scandium	45-2	47042	44858	45627	45843	2.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-132	-48	-90	-90	-46.86	cps
Silicon	28-1	486361	475761	484308	482144	1.17	cps
Silver	109-1	350	158	258	256	37.51	cps
Silver	107-1	275	333	258	289	13.63	cps
Sodium	23-2	6719	6927	6552	6732	2.79	cps
Strontium	86-1	1709	1542	1400	1550	9.96	cps
Strontium	88-1	433	358	475	422	14.00	cps
Sulfur	34-1	430633	429624	425097	428451	0.69	cps
Terbium	159-1	7423676	7357213	7392744	7391211	0.45	cps
Terbium	159-2	2134520	2081360	2078111	2097997	1.51	cps
Thallium	203-1	183	183	125	164	20.55	cps
Thallium	205-1	358	317	283	319	11.76	cps
Tin	118-1	592	600	550	581	4.61	cps
Titanium	47-1	192	250	183	208	17.43	cps
Uranium	238-1	33	83	58	58	42.86	cps
Vanadium	51-2	17	3	3	8	99.04	cps
Yttrium	89-1	7925994	7805938	7791796	7841243	0.94	cps
Yttrium	89-2	323510	307098	308103	312904	2.94	cps
Zinc	66-2	207	170	177	184	10.59	cps
Zirconium	90-1	567	408	717	564	27.34	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4260-11	Instrumnet Name :	P8
Client Sample ID :	MBDX34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:16:02	DataFile Name :	023SMPL.d

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

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:19:42	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	432053	439270	430789	434037	1.05	cps
Antimony	121-1	4986522	5023696	4997235	5002484	0.38	cps
Arsenic	75-2	76937	77538	76681	77052	0.57	cps
Barium	135-1	4934324	4924095	4941604	4933341	0.18	cps
Barium	137-1	8368650	8484176	8415434	8422753	0.69	cps
Beryllium	9-1	796616	801563	796690	798290	0.36	cps
Bismuth	209-1	3727099	3760003	3750556	3745886	0.45	cps
Bismuth	209-2	1427268	1439571	1423453	1430097	0.59	cps
Boron	10-1	92321	92757	95106	93395	1.60	cps
Boron	11-1	423158	436504	440999	433554	2.14	cps
Cadmium	111-1	1075668	1095772	1086664	1086035	0.93	cps
Cadmium	106-1	112642	112718	113947	113103	0.65	cps
Cadmium	108-1	75343	75619	77174	76045	1.30	cps
Calcium	43-1	6133694	6156083	6091639	6127138	0.53	cps
Calcium	44-1	99425956	100318425	99884423	99876268	0.45	cps
Chromium	52-2	624038	627973	631962	627991	0.63	cps
Cobalt	59-2	1227363	1237510	1224375	1229749	0.56	cps
Copper	63-2	2131188	2101494	2080792	2104491	1.20	cps
Dysprosium	156-1	150	125	117	131	13.29	cps
Dysprosium	156-2	27	20	37	28	30.20	cps
Erbium	164-1	67	42	8	39	75.26	cps
Erbium	164-2	20	10	23	18	39.03	cps
Gadolinium	160-1	83	83	92	86	5.58	cps
Gadolinium	160-2	17	23	30	23	28.56	cps
Holmium	165-1	6799649	6858264	6921174	6859696	0.89	cps
Holmium	165-2	2089966	2097368	2099096	2095477	0.23	cps
Indium	115-1	6450740	6502329	6411848	6454972	0.70	cps
Indium	115-2	383176	389295	383419	385297	0.90	cps
Iron	56-2	100448938	100956955	100230130	100545341	0.37	cps
Iron	57-2	2529805	2567625	2523237	2540222	0.94	cps
Lead	206-1	2335141	2365704	2382864	2361236	1.02	cps
Lead	207-1	2095581	2159404	2157517	2137501	1.70	cps
Lead	208-1	9484571	9639888	9660815	9595091	1.00	cps
Lithium	6-1	1084186	1064708	1062065	1070320	1.13	cps
Magnesium	24-2	10408115	10570098	10423846	10467353	0.85	cps
Manganese	55-2	362295	365906	364250	364150	0.50	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:19:42	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4001407	4086020	4000350	4029259	1.22	cps
Molybdenum	95-1	2277013	2335940	2296012	2302989	1.31	cps
Molybdenum	96-1	2892424	2941284	2914967	2916225	0.84	cps
Molybdenum	97-1	1422259	1421483	1418467	1420736	0.14	cps
Molybdenum	98-1	3664762	3700239	3702071	3689024	0.57	cps
Neodymium	150-1	253	167	173	198	24.39	cps
Neodymium	150-2	3	23	30	19	73.49	cps
Nickel	60-2	357480	358057	355061	356866	0.45	cps
Phosphorus	31-2	6777	6852	6944	6858	1.22	cps
Potassium	39-2	3400992	3409367	3401872	3404077	0.14	cps
Rhodium	103-1	5978223	5980229	5985865	5981439	0.07	cps
Rhodium	103-2	1902785	1906379	1882500	1897221	0.68	cps
Scandium	45-1	4308307	4335392	4303289	4315663	0.40	cps
Scandium	45-2	43477	43303	43043	43274	0.51	cps
Selenium	77-2	560	553	517	543	4.29	cps
Selenium	78-2	1928	1950	1982	1953	1.38	cps
Selenium	82-1	72388	73069	72401	72619	0.54	cps
Silicon	28-1	2810214	2873828	2857440	2847161	1.16	cps
Silver	109-1	5024426	5072557	5101205	5066063	0.77	cps
Silver	107-1	5320222	5377618	5406646	5368162	0.82	cps
Sodium	23-2	25054970	25273643	25004377	25110997	0.57	cps
Strontium	86-1	1507784	1537034	1505523	1516780	1.16	cps
Strontium	88-1	12757137	13064923	12817394	12879818	1.27	cps
Sulfur	34-1	820767	817510	818774	819017	0.20	cps
Terbium	159-1	7171476	7330069	7345705	7282417	1.32	cps
Terbium	159-2	2037724	2066139	2046660	2050174	0.71	cps
Thallium	203-1	2893867	2954484	2898317	2915556	1.16	cps
Thallium	205-1	6754531	6896174	6915497	6855401	1.28	cps
Tin	118-1	3490690	3483607	3492380	3488892	0.13	cps
Titanium	47-1	634091	644699	636545	638445	0.87	cps
Uranium	238-1	8486322	8557882	8599879	8548028	0.67	cps
Vanadium	51-2	453041	455505	453228	453925	0.30	cps
Yttrium	89-1	7408167	7437555	7319370	7388364	0.83	cps
Yttrium	89-2	294139	298220	296272	296211	0.69	cps
Zinc	66-2	201098	205048	204872	203672	1.10	cps
Zirconium	90-1	7441592	7533121	7551863	7508859	0.79	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P8
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:19:42	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1680021	1719571	1685728	1695107	1.26	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB33 Instrumnet Name : P8
 Client Sample ID : CCB33 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 16:22:40 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	8	6	86.60	cps
Antimony	121-1	2509	2784	2459	2584	6.77	cps
Arsenic	75-2	6	4	11	7	56.78	cps
Barium	135-1	33	50	8	31	68.64	cps
Barium	137-1	67	75	50	64	19.92	cps
Beryllium	9-1	133	189	194	172	19.62	cps
Bismuth	209-1	3828175	3646200	3728442	3734272	2.44	cps
Bismuth	209-2	1482953	1469800	1474158	1475637	0.45	cps
Boron	10-1	3301	3025	2725	3017	9.53	cps
Boron	11-1	13590	12364	11905	12620	6.90	cps
Cadmium	111-1	1309	1022	1181	1170	12.29	cps
Cadmium	106-1	1817	1458	1675	1650	10.94	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	4368	4309	3951	4209	5.36	cps
Calcium	44-1	69239	67714	66945	67966	1.72	cps
Chromium	52-2	1190	1280	1267	1246	3.90	cps
Cobalt	59-2	53	80	50	61	26.91	cps
Copper	63-2	297	350	387	344	13.14	cps
Dysprosium	156-1	0	33	8	14	124.92	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Holmium	165-1	6561346	6343922	6580829	6495366	2.02	cps
Holmium	165-2	2066340	2057535	2054188	2059354	0.30	cps
Indium	115-1	6616942	6178654	6513587	6436394	3.56	cps
Indium	115-2	403872	403158	399142	402057	0.63	cps
Iron	56-2	3328	3284	3345	3319	0.95	cps
Iron	57-2	111	106	122	113	7.51	cps
Lead	206-1	556	494	550	533	6.34	cps
Lead	207-1	472	600	450	507	15.95	cps
Lead	208-1	2245	2211	2017	2158	5.70	cps
Lithium	6-1	1090669	1060212	1082993	1077958	1.47	cps
Magnesium	24-2	133	167	208	169	22.18	cps
Manganese	55-2	70	33	47	50	37.12	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:22:40	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	658	883	756	15.30	cps
Molybdenum	95-1	200	108	133	147	32.19	cps
Molybdenum	96-1	350	350	325	342	4.22	cps
Molybdenum	97-1	150	133	142	142	5.88	cps
Molybdenum	98-1	167	300	242	236	28.31	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	93	93	87	13.32	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	5009	4751	4343	4701	7.15	cps
Rhodium	103-1	6261475	6037622	6174341	6157813	1.83	cps
Rhodium	103-2	2042536	2022194	2003294	2022674	0.97	cps
Scandium	45-1	4295659	4125242	4258639	4226514	2.12	cps
Scandium	45-2	43608	43521	43327	43485	0.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	2	9	9	75.26	cps
Selenium	82-1	27	-201	-85	-86	-131.81	cps
Silicon	28-1	529972	520644	511163	520593	1.81	cps
Silver	109-1	242	308	258	269	12.88	cps
Silver	107-1	250	400	417	356	25.82	cps
Sodium	23-2	11288	11280	10905	11158	1.96	cps
Strontium	86-1	1458	1417	1467	1447	1.85	cps
Strontium	88-1	183	233	275	231	19.91	cps
Sulfur	34-1	436116	435663	432707	434828	0.43	cps
Terbium	159-1	7076708	6785155	6963183	6941682	2.12	cps
Terbium	159-2	2040621	2024269	2009982	2024957	0.76	cps
Thallium	203-1	508	542	342	464	23.10	cps
Thallium	205-1	1325	1092	1175	1197	9.88	cps
Tin	118-1	1258	1233	1325	1272	3.73	cps
Titanium	47-1	167	183	250	200	22.05	cps
Uranium	238-1	92	125	17	78	71.34	cps
Vanadium	51-2	30	13	3	16	86.63	cps
Yttrium	89-1	7368818	6991184	7156369	7172124	2.64	cps
Yttrium	89-2	302351	297899	296911	299053	0.97	cps
Zinc	66-2	90	80	80	83	6.93	cps
Zirconium	90-1	1667	1775	1609	1684	5.02	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P8
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:22:40	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	450	425	375	417	9.17	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BL	Instrumnet Name :	P8
Client Sample ID :	PB101006BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:25:49	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.29	cps
Antimony	121-1	892	908	967	922	4.27	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	50	58	33	47	26.95	cps
Barium	137-1	25	33	75	44	60.28	cps
Beryllium	9-1	106	122	117	115	7.39	cps
Bismuth	209-1	3747027	3788617	3750901	3762182	0.61	cps
Bismuth	209-2	1456202	1465177	1446471	1455950	0.64	cps
Boron	10-1	1759	1517	1759	1678	8.32	cps
Boron	11-1	7886	7727	7310	7641	3.89	cps
Cadmium	111-1	1184	1031	1236	1150	9.28	cps
Cadmium	106-1	1659	1467	1734	1620	8.49	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	3867	3842	3884	3865	0.54	cps
Calcium	44-1	66207	64323	67706	66079	2.57	cps
Chromium	52-2	1210	1200	1157	1189	2.38	cps
Cobalt	59-2	53	47	57	52	9.75	cps
Copper	63-2	290	363	333	329	11.21	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	58	92	92	81	23.89	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	6634596	6621467	6569018	6608360	0.53	cps
Holmium	165-2	2051416	2058707	2022029	2044051	0.95	cps
Indium	115-1	6445196	6457800	6490249	6464415	0.36	cps
Indium	115-2	400922	401653	400703	401093	0.12	cps
Iron	56-2	3200	2711	2995	2969	8.27	cps
Iron	57-2	67	89	89	81	15.74	cps
Lead	206-1	456	511	422	463	9.70	cps
Lead	207-1	489	378	283	383	26.84	cps
Lead	208-1	1883	1833	1639	1785	7.23	cps
Lithium	6-1	1102010	1099879	1083438	1095109	0.93	cps
Magnesium	24-2	167	75	208	150	45.48	cps
Manganese	55-2	97	73	53	74	29.14	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BL	Instrumnet Name :	P8
Client Sample ID :	PB101006BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:25:49	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	467	442	458	3.15	cps
Molybdenum	95-1	33	50	75	53	39.73	cps
Molybdenum	96-1	200	200	258	219	15.35	cps
Molybdenum	97-1	117	67	75	86	31.11	cps
Molybdenum	98-1	92	58	92	81	23.89	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	80	87	83	4.00	cps
Phosphorus	31-2	25	17	0	14	91.65	cps
Potassium	39-2	4251	4534	4476	4420	3.39	cps
Rhodium	103-1	6218663	6203430	6120671	6180921	0.85	cps
Rhodium	103-2	2025468	2018879	1999688	2014678	0.66	cps
Scandium	45-1	4276221	4312343	4255427	4281330	0.67	cps
Scandium	45-2	43129	43500	42715	43115	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	6	4	89.21	cps
Selenium	82-1	-103	-19	-78	-66	-64.77	cps
Silicon	28-1	520023	517920	517098	518347	0.29	cps
Silver	109-1	158	133	183	158	15.79	cps
Silver	107-1	300	183	208	231	26.64	cps
Sodium	23-2	8870	8228	8078	8392	5.01	cps
Strontium	86-1	1492	1475	1375	1447	4.36	cps
Strontium	88-1	225	317	325	289	19.21	cps
Sulfur	34-1	435152	435375	437740	436089	0.33	cps
Terbium	159-1	6978710	6989549	6878368	6948876	0.88	cps
Terbium	159-2	2022832	2029218	1980856	2010969	1.31	cps
Thallium	203-1	292	283	250	275	8.02	cps
Thallium	205-1	450	475	375	433	12.01	cps
Tin	118-1	983	858	825	889	9.39	cps
Titanium	47-1	117	208	208	178	29.77	cps
Uranium	238-1	33	83	42	53	50.76	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Yttrium	89-1	7302332	7265352	7202746	7256810	0.69	cps
Yttrium	89-2	299659	298549	301481	299896	0.49	cps
Zinc	66-2	77	63	60	67	13.23	cps
Zirconium	90-1	1333	1267	1008	1203	14.27	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BL	Instrumnet Name :	P8
Client Sample ID :	PB101006BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:25:49	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	292	325	297	8.56	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BS	Instrumnet Name :	P8
Client Sample ID :	PB101006BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:28:57	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442023	433976	434724	436908	1.02	cps
Antimony	121-1	5090049	5027461	5062245	5059918	0.62	cps
Arsenic	75-2	78266	77434	77121	77607	0.76	cps
Barium	135-1	5083562	5080997	5074536	5079698	0.09	cps
Barium	137-1	8616796	8710289	8688129	8671738	0.56	cps
Beryllium	9-1	807677	804593	820148	810806	1.02	cps
Bismuth	209-1	3722548	3673982	3705341	3700624	0.67	cps
Bismuth	209-2	1432562	1428201	1441402	1434055	0.47	cps
Boron	10-1	93622	94477	94711	94270	0.61	cps
Boron	11-1	432560	433639	449420	438540	2.15	cps
Cadmium	111-1	1087748	1097804	1104807	1096787	0.78	cps
Cadmium	106-1	115560	116533	116710	116268	0.53	cps
Cadmium	108-1	77299	76604	76843	76915	0.46	cps
Calcium	43-1	6141096	6150252	6160452	6150600	0.16	cps
Calcium	44-1	100749011	100990252	101561023	101100095	0.41	cps
Chromium	52-2	645759	638794	639487	641347	0.60	cps
Cobalt	59-2	1260674	1239473	1246510	1248886	0.86	cps
Copper	63-2	1950388	1911957	1929978	1930775	1.00	cps
Dysprosium	156-1	133	175	50	119	53.29	cps
Dysprosium	156-2	33	27	27	29	13.31	cps
Erbium	164-1	92	75	25	64	54.31	cps
Erbium	164-2	10	20	27	19	44.42	cps
Gadolinium	160-1	142	192	125	153	22.71	cps
Gadolinium	160-2	33	43	23	33	30.00	cps
Holmium	165-1	6923211	6857954	6967535	6916233	0.80	cps
Holmium	165-2	2105408	2104053	2123925	2111129	0.53	cps
Indium	115-1	6457497	6353466	6425465	6412143	0.83	cps
Indium	115-2	389169	388454	391007	389543	0.34	cps
Iron	56-2	107164280	106021444	105886705	106357476	0.66	cps
Iron	57-2	2709333	2668130	2675045	2684169	0.82	cps
Lead	206-1	2378744	2354823	2383162	2372243	0.64	cps
Lead	207-1	2162153	2155694	2166862	2161569	0.26	cps
Lead	208-1	9685352	9599108	9765150	9683203	0.86	cps
Lithium	6-1	1063113	1055227	1069051	1062464	0.65	cps
Magnesium	24-2	10300333	10137924	10197750	10212002	0.80	cps
Manganese	55-2	363385	357099	361463	360649	0.89	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BS	Instrumnet Name :	P8
Client Sample ID :	PB101006BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:28:57	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4140966	4181938	4184617	4169174	0.59	cps
Molybdenum	95-1	2311533	2322069	2291964	2308522	0.66	cps
Molybdenum	96-1	2956116	2935817	2942329	2944754	0.35	cps
Molybdenum	97-1	1407945	1429461	1412664	1416690	0.80	cps
Molybdenum	98-1	3634614	3627072	3674116	3645267	0.69	cps
Neodymium	150-1	293	293	253	280	8.25	cps
Neodymium	150-2	23	23	10	19	40.75	cps
Nickel	60-2	368062	362166	362348	364192	0.92	cps
Phosphorus	31-2	7085	7261	6752	7033	3.67	cps
Potassium	39-2	3485621	3444790	3451814	3460742	0.63	cps
Rhodium	103-1	6028584	5959505	6026640	6004910	0.66	cps
Rhodium	103-2	1920563	1901933	1884729	1902408	0.94	cps
Scandium	45-1	4320311	4302924	4413721	4345652	1.37	cps
Scandium	45-2	43233	42993	44357	43527	1.67	cps
Selenium	77-2	667	523	613	601	12.05	cps
Selenium	78-2	2058	1952	2169	2059	5.26	cps
Selenium	82-1	74004	74222	74103	74109	0.15	cps
Silicon	28-1	3807126	4003455	4158202	3989594	4.41	cps
Silver	109-1	5153543	5125688	5181723	5153651	0.54	cps
Silver	107-1	5412908	5449918	5462463	5441763	0.47	cps
Sodium	23-2	25158007	24707517	24985734	24950419	0.91	cps
Strontium	86-1	1490645	1519921	1504767	1505111	0.97	cps
Strontium	88-1	12882808	12868157	13101488	12950818	1.01	cps
Sulfur	34-1	844921	835201	843452	841191	0.62	cps
Terbium	159-1	7223344	7272672	7343657	7279891	0.83	cps
Terbium	159-2	2099723	2045131	2083461	2076105	1.35	cps
Thallium	203-1	3007888	2986187	3022164	3005413	0.60	cps
Thallium	205-1	6997821	6940873	7042614	6993769	0.73	cps
Tin	118-1	3521981	3482255	3462134	3488790	0.87	cps
Titanium	47-1	639605	637591	645341	640846	0.63	cps
Uranium	238-1	8536118	8592218	8696090	8608142	0.94	cps
Vanadium	51-2	469678	459709	464555	464647	1.07	cps
Yttrium	89-1	7350298	7328114	7467634	7382015	1.02	cps
Yttrium	89-2	300813	298172	300314	299766	0.47	cps
Zinc	66-2	203860	201571	200869	202100	0.77	cps
Zirconium	90-1	7847825	7849332	7954362	7883839	0.77	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BS	Instrumnet Name :	P8
Client Sample ID :	PB101006BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:28:57	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1765010	1769560	1779092	1771221	0.41	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02	Instrumnet Name :	P8
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:31:56	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	684	733	558	658	13.69	cps
Antimony	121-1	93391	93988	95533	94304	1.17	cps
Arsenic	75-2	213	217	174	201	11.72	cps
Barium	135-1	314519	320262	329275	321352	2.31	cps
Barium	137-1	541667	556435	574457	557519	2.95	cps
Beryllium	9-1	278	200	206	228	19.05	cps
Bismuth	209-1	3529034	3562782	3551873	3547896	0.49	cps
Bismuth	209-2	1314280	1303989	1307771	1308680	0.40	cps
Boron	10-1	40750	41519	40917	41062	0.98	cps
Boron	11-1	185222	188262	187031	186838	0.82	cps
Cadmium	111-1	2068	1947	2111	2042	4.16	cps
Cadmium	106-1	1433	1375	1609	1472	8.25	cps
Cadmium	108-1	117	129	104	117	10.71	cps
Calcium	43-1	4860039	4813673	4841702	4838471	0.48	cps
Calcium	44-1	79474512	78558675	79510971	79181386	0.68	cps
Chromium	52-2	1767	1803	1663	1745	4.16	cps
Cobalt	59-2	20809	20806	20839	20818	0.09	cps
Copper	63-2	33748	33384	34182	33771	1.18	cps
Dysprosium	156-1	242	150	217	203	23.37	cps
Dysprosium	156-2	47	50	40	46	11.18	cps
Erbium	164-1	200	183	100	161	33.26	cps
Erbium	164-2	77	40	37	51	43.42	cps
Gadolinium	160-1	192	250	225	222	13.17	cps
Gadolinium	160-2	73	83	67	74	11.27	cps
Holmium	165-1	6085505	6237429	6273805	6198913	1.61	cps
Holmium	165-2	1812753	1805109	1827152	1815005	0.62	cps
Indium	115-1	6290104	6340739	6347927	6326257	0.50	cps
Indium	115-2	350463	344846	346864	347391	0.82	cps
Iron	56-2	1091087	1087061	1078169	1085439	0.61	cps
Iron	57-2	27433	27416	27099	27316	0.69	cps
Lead	206-1	27486	27820	28666	27991	2.17	cps
Lead	207-1	23227	23561	24073	23621	1.80	cps
Lead	208-1	108686	109242	110694	109540	0.95	cps
Lithium	6-1	1362928	1444091	1461237	1422752	3.69	cps
Magnesium	24-2	1305402	1269906	1273039	1282782	1.53	cps
Manganese	55-2	299320	298578	295266	297721	0.72	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02	Instrumnet Name :	P8
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:31:56	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23930	23045	23788	23588	2.01	cps
Molybdenum	95-1	30460	31095	31404	30986	1.55	cps
Molybdenum	96-1	33910	33092	33776	33593	1.31	cps
Molybdenum	97-1	18463	18956	18864	18761	1.40	cps
Molybdenum	98-1	47559	49516	49483	48853	2.29	cps
Neodymium	150-1	227	260	307	264	15.20	cps
Neodymium	150-2	57	30	40	42	31.91	cps
Nickel	60-2	6338	5761	5798	5966	5.41	cps
Phosphorus	31-2	42	25	17	28	45.82	cps
Potassium	39-2	159731	158962	155054	157916	1.59	cps
Rhodium	103-1	5512492	5532378	5724474	5589781	2.09	cps
Rhodium	103-2	1740534	1729868	1731335	1733912	0.33	cps
Scandium	45-1	3997771	4013004	3993897	4001557	0.25	cps
Scandium	45-2	37664	36855	36517	37012	1.59	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	7	17	10	50.93	cps
Selenium	82-1	188	-6	149	110	92.65	cps
Silicon	28-1	42992751	42979373	42771222	42914449	0.29	cps
Silver	109-1	6477	6160	5235	5957	10.84	cps
Silver	107-1	7010	6585	6102	6566	6.92	cps
Sodium	23-2	1041063	1013701	1023835	1026200	1.35	cps
Strontium	86-1	2279740	2291515	2321244	2297500	0.93	cps
Strontium	88-1	19566253	19686332	19892959	19715181	0.84	cps
Sulfur	34-1	2368704	2365281	2331921	2355302	0.86	cps
Terbium	159-1	6450209	6527327	6674740	6550759	1.74	cps
Terbium	159-2	1804977	1747978	1780065	1777674	1.61	cps
Thallium	203-1	1509	1692	1167	1456	18.31	cps
Thallium	205-1	3434	3376	3509	3440	1.94	cps
Tin	118-1	26761	27078	27621	27153	1.60	cps
Titanium	47-1	2684	2967	2392	2681	10.73	cps
Uranium	238-1	41320	41880	41964	41721	0.84	cps
Vanadium	51-2	263	267	290	273	5.32	cps
Yttrium	89-1	6654605	6721919	6767984	6714836	0.85	cps
Yttrium	89-2	255172	253181	252724	253692	0.51	cps
Zinc	66-2	42505	42652	42151	42436	0.61	cps
Zirconium	90-1	18263	15585	14759	16202	11.31	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02	Instrumnet Name :	P8
Client Sample ID :	MW-1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:31:56	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4017	3992	3384	3798	9.45	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:35:03	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	642	692	717	683	5.59	cps
Antimony	121-1	89490	93149	91572	91404	2.01	cps
Arsenic	75-2	215	189	196	200	6.68	cps
Barium	135-1	328399	334973	336366	333246	1.28	cps
Barium	137-1	570043	575349	582777	576056	1.11	cps
Beryllium	9-1	139	211	117	156	31.74	cps
Bismuth	209-1	3622006	3751376	3738530	3703971	1.92	cps
Bismuth	209-2	1304180	1303210	1297693	1301694	0.27	cps
Boron	10-1	40667	41495	41612	41258	1.25	cps
Boron	11-1	177323	180503	184413	180746	1.96	cps
Cadmium	111-1	2066	2405	2072	2181	8.89	cps
Cadmium	106-1	1425	1800	1634	1620	11.60	cps
Cadmium	108-1	88	121	96	101	17.11	cps
Calcium	43-1	4760532	4794559	4845804	4800298	0.89	cps
Calcium	44-1	78162921	79515064	79263718	78980568	0.91	cps
Chromium	52-2	2067	2010	1930	2002	3.43	cps
Cobalt	59-2	20215	20619	20449	20427	0.99	cps
Copper	63-2	33417	33109	33009	33179	0.64	cps
Dysprosium	156-1	208	133	208	183	23.62	cps
Dysprosium	156-2	73	47	53	58	24.02	cps
Erbium	164-1	158	200	183	181	11.62	cps
Erbium	164-2	40	40	40	40	0.00	cps
Gadolinium	160-1	242	258	275	258	6.45	cps
Gadolinium	160-2	70	77	67	71	7.16	cps
Holmium	165-1	6367944	6633887	6626969	6542933	2.32	cps
Holmium	165-2	1859586	1807382	1792124	1819697	1.94	cps
Indium	115-1	6179811	6342929	6303137	6275293	1.36	cps
Indium	115-2	337576	333233	335845	335551	0.65	cps
Iron	56-2	1062262	1058875	1063610	1061582	0.23	cps
Iron	57-2	26348	26715	27238	26767	1.67	cps
Lead	206-1	29145	29067	29178	29130	0.20	cps
Lead	207-1	24502	25025	25053	24860	1.25	cps
Lead	208-1	113170	115430	117137	115246	1.73	cps
Lithium	6-1	1614812	1636107	1661742	1637554	1.43	cps
Magnesium	24-2	1278817	1255250	1256204	1263424	1.06	cps
Manganese	55-2	289036	286723	287304	287688	0.42	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:35:03	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21409	20441	20992	20948	2.32	cps
Molybdenum	95-1	31579	30936	31003	31173	1.13	cps
Molybdenum	96-1	34261	33509	34010	33927	1.13	cps
Molybdenum	97-1	19732	19941	18856	19509	2.95	cps
Molybdenum	98-1	50613	51298	50688	50866	0.74	cps
Neodymium	150-1	247	253	273	258	5.38	cps
Neodymium	150-2	47	53	40	47	14.28	cps
Nickel	60-2	5981	5918	6018	5972	0.85	cps
Phosphorus	31-2	0	25	25	17	86.60	cps
Potassium	39-2	151003	150388	150177	150523	0.29	cps
Rhodium	103-1	5707969	5784317	5768030	5753439	0.70	cps
Rhodium	103-2	1733839	1712329	1750543	1732237	1.11	cps
Scandium	45-1	3930852	4036520	4065868	4011080	1.77	cps
Scandium	45-2	36407	35846	36551	36268	1.03	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	9	4	6	6	45.85	cps
Selenium	82-1	25	108	-8	42	142.95	cps
Silicon	28-1	42953544	42430132	42264854	42549510	0.84	cps
Silver	109-1	3809	3476	3367	3551	6.48	cps
Silver	107-1	3917	4034	3992	3981	1.49	cps
Sodium	23-2	994421	1026910	984239	1001857	2.22	cps
Strontium	86-1	2345691	2309987	2358608	2338096	1.08	cps
Strontium	88-1	19939157	19849794	19953671	19914207	0.28	cps
Sulfur	34-1	2305266	2307970	2343209	2318815	0.91	cps
Terbium	159-1	6770472	6927597	7020931	6906333	1.83	cps
Terbium	159-2	1797480	1764095	1785579	1782385	0.95	cps
Thallium	203-1	1208	1167	1133	1170	3.21	cps
Thallium	205-1	2792	3025	2725	2848	5.53	cps
Tin	118-1	23046	24223	24164	23811	2.79	cps
Titanium	47-1	2842	2892	2984	2906	2.47	cps
Uranium	238-1	42725	43511	44548	43594	2.10	cps
Vanadium	51-2	270	320	303	298	8.55	cps
Yttrium	89-1	6723079	6859967	6872668	6818571	1.22	cps
Yttrium	89-2	249944	245903	248416	248088	0.82	cps
Zinc	66-2	42037	41699	42177	41971	0.59	cps
Zirconium	90-1	9437	9128	9153	9240	1.85	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:35:03	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2134	2059	2034	2075	2.51	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 16:38:10	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	125	192	142	31.13	cps
Antimony	121-1	17954	17804	18046	17935	0.68	cps
Arsenic	75-2	41	48	52	47	12.06	cps
Barium	135-1	64985	65346	64834	65055	0.40	cps
Barium	137-1	111813	112072	112872	112252	0.49	cps
Beryllium	9-1	144	161	122	143	13.68	cps
Bismuth	209-1	3592394	3586809	3598133	3592445	0.16	cps
Bismuth	209-2	1372179	1363112	1366993	1367428	0.33	cps
Boron	10-1	9912	9862	9962	9912	0.50	cps
Boron	11-1	45715	45858	44821	45464	1.24	cps
Cadmium	111-1	1173	1111	1261	1182	6.40	cps
Cadmium	106-1	1383	1350	1525	1420	6.55	cps
Cadmium	108-1	42	25	21	29	37.81	cps
Calcium	43-1	991955	994696	986842	991164	0.40	cps
Calcium	44-1	16499257	16323067	16224610	16348978	0.85	cps
Chromium	52-2	1350	1250	1187	1262	6.52	cps
Cobalt	59-2	4241	4584	4571	4465	4.36	cps
Copper	63-2	7489	7419	7646	7518	1.54	cps
Dysprosium	156-1	92	83	50	75	29.40	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	75	50	58	61	20.83	cps
Erbium	164-2	17	7	17	13	43.29	cps
Gadolinium	160-1	67	175	83	108	53.85	cps
Gadolinium	160-2	27	20	13	20	33.35	cps
Holmium	165-1	6339571	6365032	6443640	6382748	0.85	cps
Holmium	165-2	1935363	1939818	1924826	1933336	0.40	cps
Indium	115-1	6270654	6332639	6233224	6278839	0.80	cps
Indium	115-2	368739	367206	368124	368023	0.21	cps
Iron	56-2	233324	230914	230559	231599	0.65	cps
Iron	57-2	5874	6135	5668	5892	3.97	cps
Lead	206-1	6002	5729	5952	5894	2.46	cps
Lead	207-1	5140	5029	4745	4971	4.09	cps
Lead	208-1	23342	22436	22686	22822	2.05	cps
Lithium	6-1	1268649	1276046	1279032	1274576	0.42	cps
Magnesium	24-2	266367	263658	266128	265384	0.57	cps
Manganese	55-2	63447	63564	64043	63684	0.50	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 16:38:10	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3959	4176	4476	4204	6.17	cps
Molybdenum	95-1	6177	6077	6285	6179	1.69	cps
Molybdenum	96-1	6619	6418	6435	6491	1.71	cps
Molybdenum	97-1	3976	3984	3801	3920	2.64	cps
Molybdenum	98-1	9971	9470	9771	9737	2.59	cps
Neodymium	150-1	120	80	47	82	44.66	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	1360	1383	1240	1328	5.79	cps
Phosphorus	31-2	33	8	17	19	65.47	cps
Potassium	39-2	36640	37175	36774	36863	0.76	cps
Rhodium	103-1	5915339	5961646	5909341	5928775	0.48	cps
Rhodium	103-2	1898965	1913362	1888430	1900253	0.66	cps
Scandium	45-1	4208972	4193144	4130744	4177620	0.99	cps
Scandium	45-2	40278	39887	40151	40105	0.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	2	7	5	57.32	cps
Selenium	82-1	-163	-23	62	-41	-275.14	cps
Silicon	28-1	9130626	9305092	9207951	9214556	0.95	cps
Silver	109-1	1408	1267	1108	1261	11.90	cps
Silver	107-1	1208	1225	1275	1236	2.81	cps
Sodium	23-2	217300	217540	215571	216804	0.50	cps
Strontium	86-1	462877	464850	458345	462024	0.72	cps
Strontium	88-1	4023134	4089052	4039703	4050630	0.85	cps
Sulfur	34-1	953080	965931	953972	957661	0.75	cps
Terbium	159-1	6856130	6834592	6689993	6793572	1.33	cps
Terbium	159-2	1901722	1926095	1905718	1911178	0.68	cps
Thallium	203-1	383	250	358	331	21.44	cps
Thallium	205-1	667	775	775	739	8.46	cps
Tin	118-1	2650	2950	2600	2734	6.93	cps
Titanium	47-1	717	625	600	647	9.49	cps
Uranium	238-1	8478	8829	8287	8531	3.22	cps
Vanadium	51-2	97	110	53	87	34.19	cps
Yttrium	89-1	6940196	6963989	6950197	6951461	0.17	cps
Yttrium	89-2	276749	273424	277100	275758	0.74	cps
Zinc	66-2	9587	9046	9143	9259	3.11	cps
Zirconium	90-1	1325	1400	1634	1453	11.07	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-1L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 16:38:10	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	350	375	322	22.00	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-03	Instrumnet Name :	P8
Client Sample ID :	MW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:41:17	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72561	71388	73424	72458	1.41	cps
Antimony	121-1	5082593	5159913	5170753	5137753	0.94	cps
Arsenic	75-2	72163	72291	71767	72074	0.38	cps
Barium	135-1	5125893	5172928	5212864	5170561	0.84	cps
Barium	137-1	8714874	8773656	8937426	8808652	1.31	cps
Beryllium	9-1	804244	810365	808935	807848	0.40	cps
Bismuth	209-1	3656645	3709096	3725352	3697031	0.97	cps
Bismuth	209-2	1282365	1291890	1257867	1277374	1.37	cps
Boron	10-1	126041	126973	128067	127027	0.80	cps
Boron	11-1	569438	581946	586934	579439	1.56	cps
Cadmium	111-1	1064383	1093829	1095005	1084406	1.60	cps
Cadmium	106-1	111367	112854	113508	112576	0.97	cps
Cadmium	108-1	75913	76805	76784	76500	0.67	cps
Calcium	43-1	5784612	5867319	5875656	5842529	0.86	cps
Calcium	44-1	95196065	96478219	95924729	95866338	0.67	cps
Chromium	52-2	590052	596117	590964	592378	0.55	cps
Cobalt	59-2	1205481	1213267	1207683	1208810	0.33	cps
Copper	63-2	2055522	2070291	2071281	2065698	0.43	cps
Dysprosium	156-1	325	183	300	269	28.06	cps
Dysprosium	156-2	43	73	50	56	28.35	cps
Erbium	164-1	4068	3834	3909	3937	3.03	cps
Erbium	164-2	893	973	1060	976	8.54	cps
Gadolinium	160-1	450	558	675	561	20.06	cps
Gadolinium	160-2	173	97	180	150	30.87	cps
Holmium	165-1	6531225	6556730	6654422	6580793	0.99	cps
Holmium	165-2	1835731	1825144	1785160	1815345	1.47	cps
Indium	115-1	6015111	6109107	6170103	6098107	1.28	cps
Indium	115-2	322717	325750	318111	322192	1.19	cps
Iron	56-2	19499289	19777619	19780776	19685895	0.82	cps
Iron	57-2	488467	494893	495807	493056	0.81	cps
Lead	206-1	2413443	2486766	2497833	2466014	1.86	cps
Lead	207-1	2185700	2265973	2248428	2233367	1.89	cps
Lead	208-1	9811681	10066629	10152649	10010320	1.77	cps
Lithium	6-1	1599939	1645997	1661835	1635924	1.97	cps
Magnesium	24-2	3149810	3173143	3164490	3162481	0.37	cps
Manganese	55-2	590153	593522	594949	592875	0.42	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-03	Instrumnet Name :	P8
Client Sample ID :	MW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:41:17	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4143645	4134281	4130901	4136276	0.16	cps
Molybdenum	95-1	2218803	2226125	2250542	2231823	0.74	cps
Molybdenum	96-1	2818282	2869455	2857525	2848421	0.94	cps
Molybdenum	97-1	1324693	1381303	1355188	1353728	2.09	cps
Molybdenum	98-1	3521213	3576852	3586021	3561362	0.98	cps
Neodymium	150-1	513	347	533	464	22.07	cps
Neodymium	150-2	47	40	47	44	8.66	cps
Nickel	60-2	354127	356079	353997	354735	0.33	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	739496	739468	741597	740187	0.17	cps
Rhodium	103-1	5641435	5751340	5764566	5719113	1.18	cps
Rhodium	103-2	1729861	1724058	1691611	1715177	1.20	cps
Scandium	45-1	3989667	4076659	4034850	4033725	1.08	cps
Scandium	45-2	37109	37834	36331	37091	2.03	cps
Selenium	77-2	560	493	553	536	6.86	cps
Selenium	78-2	1817	1793	1800	1803	0.68	cps
Selenium	82-1	71982	72816	73549	72782	1.08	cps
Silicon	28-1	41985519	42550875	42301057	42279150	0.67	cps
Silver	109-1	4810998	4824708	4878285	4837997	0.73	cps
Silver	107-1	5052546	5141945	5130037	5108176	0.95	cps
Sodium	23-2	5821882	5904513	5917199	5881198	0.88	cps
Strontium	86-1	2254414	2254717	2247521	2252218	0.18	cps
Strontium	88-1	19219214	19306730	19298124	19274689	0.25	cps
Sulfur	34-1	2261262	2275756	2284780	2273933	0.52	cps
Terbium	159-1	6824551	6913034	7050396	6929327	1.64	cps
Terbium	159-2	1792909	1800614	1748052	1780525	1.59	cps
Thallium	203-1	3084104	3086646	3152932	3107894	1.26	cps
Thallium	205-1	7153318	7285763	7297577	7245553	1.11	cps
Tin	118-1	3222436	3248902	3302384	3257907	1.25	cps
Titanium	47-1	607071	606531	606652	606752	0.05	cps
Uranium	238-1	8685323	8802837	8871188	8786450	1.07	cps
Vanadium	51-2	420779	425317	423625	423240	0.54	cps
Yttrium	89-1	6776863	6881411	6934504	6864260	1.17	cps
Yttrium	89-2	250201	249857	243995	248018	1.41	cps
Zinc	66-2	221892	222156	222228	222092	0.08	cps
Zirconium	90-1	7812492	7970507	7924250	7902417	1.03	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-03	Instrumnet Name :	P8
Client Sample ID :	MW-1MS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:41:17	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1755979	1788897	1782980	1775952	0.99	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-04	Instrumnet Name :	P8
Client Sample ID :	MW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:44:17	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71532	71741	71330	71534	0.29	cps
Antimony	121-1	4940855	5026816	5161700	5043124	2.21	cps
Arsenic	75-2	71390	71005	71087	71161	0.29	cps
Barium	135-1	4968182	5054408	5124221	5048937	1.55	cps
Barium	137-1	8622491	8653267	8808602	8694787	1.15	cps
Beryllium	9-1	788298	800454	791276	793343	0.80	cps
Bismuth	209-1	3648398	3685033	3740265	3691232	1.25	cps
Bismuth	209-2	1264386	1297151	1319007	1293515	2.13	cps
Boron	10-1	126672	128285	129252	128070	1.02	cps
Boron	11-1	577809	586371	589286	584489	1.02	cps
Cadmium	111-1	1059104	1063000	1075415	1065840	0.80	cps
Cadmium	106-1	110082	110711	112306	111033	1.03	cps
Cadmium	108-1	74672	75016	75632	75106	0.65	cps
Calcium	43-1	5705564	5784570	5758964	5749699	0.70	cps
Calcium	44-1	93936617	94547975	94159802	94214798	0.33	cps
Chromium	52-2	578519	579330	587054	581634	0.81	cps
Cobalt	59-2	1183931	1187870	1200488	1190763	0.73	cps
Copper	63-2	2047944	2029551	2045952	2041149	0.49	cps
Dysprosium	156-1	225	325	242	264	20.30	cps
Dysprosium	156-2	47	60	67	58	17.62	cps
Erbium	164-1	4059	3942	4159	4054	2.68	cps
Erbium	164-2	943	1057	1020	1007	5.75	cps
Gadolinium	160-1	550	550	658	586	10.67	cps
Gadolinium	160-2	160	170	130	153	13.58	cps
Holmium	165-1	6595098	6714510	6815556	6708388	1.65	cps
Holmium	165-2	1797823	1850843	1879413	1842693	2.25	cps
Indium	115-1	6059123	6078563	6214871	6117519	1.39	cps
Indium	115-2	320318	326763	332012	326364	1.79	cps
Iron	56-2	19532114	19454657	19649665	19545479	0.50	cps
Iron	57-2	486220	483384	491107	486904	0.80	cps
Lead	206-1	2399491	2442239	2415178	2418969	0.89	cps
Lead	207-1	2176366	2183519	2192739	2184208	0.38	cps
Lead	208-1	9739049	9825358	9863056	9809154	0.65	cps
Lithium	6-1	1501833	1531049	1539937	1524273	1.31	cps
Magnesium	24-2	3110498	3103119	3102447	3105355	0.14	cps
Manganese	55-2	589768	583231	592857	588618	0.84	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-04	Instrumnet Name :	P8
Client Sample ID :	MW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:44:17	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4038738	4034560	4108446	4060581	1.02	cps
Molybdenum	95-1	2201379	2197340	2209457	2202726	0.28	cps
Molybdenum	96-1	2809478	2826371	2835204	2823684	0.46	cps
Molybdenum	97-1	1309674	1332921	1330282	1324292	0.96	cps
Molybdenum	98-1	3479246	3501102	3538529	3506292	0.86	cps
Neodymium	150-1	413	447	340	400	13.64	cps
Neodymium	150-2	60	47	40	49	20.83	cps
Nickel	60-2	347195	347307	350490	348331	0.54	cps
Phosphorus	31-2	42	42	17	33	43.30	cps
Potassium	39-2	726344	723811	732665	727606	0.63	cps
Rhodium	103-1	5821618	5809705	5941905	5857742	1.25	cps
Rhodium	103-2	1742079	1758700	1782134	1760971	1.14	cps
Scandium	45-1	4029119	4123487	4099522	4084043	1.20	cps
Scandium	45-2	36822	37664	37276	37254	1.13	cps
Selenium	77-2	553	540	470	521	8.59	cps
Selenium	78-2	1685	1793	1758	1745	3.14	cps
Selenium	82-1	71090	72332	71645	71689	0.87	cps
Silicon	28-1	41687779	42292016	41856753	41945516	0.74	cps
Silver	109-1	4768293	4795745	4813901	4792646	0.48	cps
Silver	107-1	4965538	5112311	5083943	5053931	1.54	cps
Sodium	23-2	5737712	5768585	5752314	5752870	0.27	cps
Strontium	86-1	2221151	2232525	2265652	2239776	1.03	cps
Strontium	88-1	18846794	18895581	19257568	18999981	1.18	cps
Sulfur	34-1	2218433	2245012	2270572	2244672	1.16	cps
Terbium	159-1	7060470	7027424	7088424	7058772	0.43	cps
Terbium	159-2	1786524	1808600	1845575	1813566	1.65	cps
Thallium	203-1	3030443	3057602	3071503	3053183	0.68	cps
Thallium	205-1	7015900	7121208	7091138	7076082	0.77	cps
Tin	118-1	3178328	3186552	3234471	3199784	0.95	cps
Titanium	47-1	594524	602971	603729	600408	0.85	cps
Uranium	238-1	8511226	8544113	8555386	8536908	0.27	cps
Vanadium	51-2	414894	413508	417994	415465	0.55	cps
Yttrium	89-1	6878643	6906813	7142177	6975878	2.07	cps
Yttrium	89-2	249120	250805	255864	251930	1.39	cps
Zinc	66-2	217257	217192	220463	218304	0.86	cps
Zirconium	90-1	7722508	7774280	7851302	7782697	0.83	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-04	Instrumnet Name :	P8
Client Sample ID :	MW-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:44:17	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1725786	1732644	1751531	1736653	0.77	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02A	Instrumnet Name :	P8
Client Sample ID :	MW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:47:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71036	70426	71765	71076	0.94	cps
Antimony	121-1	5079991	5075401	5125182	5093525	0.54	cps
Arsenic	75-2	71402	70981	72042	71475	0.75	cps
Barium	135-1	5191214	5107032	5193024	5163756	0.95	cps
Barium	137-1	8755654	8755932	8899525	8803704	0.94	cps
Beryllium	9-1	816279	801921	808283	808828	0.89	cps
Bismuth	209-1	3525089	3787536	3840165	3717597	4.54	cps
Bismuth	209-2	1307053	1309476	1300292	1305607	0.36	cps
Boron	10-1	130211	132027	131616	131285	0.73	cps
Boron	11-1	588461	591163	605379	595001	1.53	cps
Cadmium	111-1	1094224	1066618	1097941	1086261	1.58	cps
Cadmium	106-1	111417	110173	113777	111789	1.64	cps
Cadmium	108-1	76814	74664	76327	75935	1.48	cps
Calcium	43-1	5926726	5820117	5859817	5868887	0.92	cps
Calcium	44-1	96063883	94556544	95715548	95445325	0.83	cps
Chromium	52-2	588803	588718	586543	588021	0.22	cps
Cobalt	59-2	1209655	1203834	1203845	1205778	0.28	cps
Copper	63-2	2090003	2041506	2028315	2053275	1.58	cps
Dysprosium	156-1	233	250	275	253	8.30	cps
Dysprosium	156-2	83	77	77	79	4.88	cps
Erbium	164-1	3951	3684	3767	3801	3.59	cps
Erbium	164-2	953	930	1023	969	5.01	cps
Gadolinium	160-1	633	483	542	553	13.68	cps
Gadolinium	160-2	180	150	177	169	9.74	cps
Holmium	165-1	6284277	6740845	6839822	6621648	4.48	cps
Holmium	165-2	1869403	1856826	1868948	1865059	0.38	cps
Indium	115-1	5763525	6098427	6332018	6064657	4.71	cps
Indium	115-2	329744	326018	323574	326445	0.95	cps
Iron	56-2	19715235	19703187	19574391	19664271	0.40	cps
Iron	57-2	494557	487559	491177	491098	0.71	cps
Lead	206-1	2524751	2457022	2523175	2501649	1.55	cps
Lead	207-1	2276672	2216228	2244979	2245960	1.35	cps
Lead	208-1	10194154	9997059	10194418	10128544	1.12	cps
Lithium	6-1	1481765	1590473	1588131	1553456	4.00	cps
Magnesium	24-2	3126067	3106372	3080790	3104410	0.73	cps
Manganese	55-2	587900	583821	587295	586339	0.38	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02A	Instrumnet Name :	P8
Client Sample ID :	MW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:47:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4166321	4064555	4204181	4145019	1.74	cps
Molybdenum	95-1	2239748	2205871	2255786	2233802	1.14	cps
Molybdenum	96-1	2845199	2878221	2884674	2869364	0.74	cps
Molybdenum	97-1	1362761	1344193	1365302	1357419	0.85	cps
Molybdenum	98-1	3550777	3557412	3558513	3555567	0.12	cps
Neodymium	150-1	433	433	447	438	1.76	cps
Neodymium	150-2	73	47	53	58	24.02	cps
Nickel	60-2	352260	350109	351971	351447	0.33	cps
Phosphorus	31-2	17	25	42	28	45.82	cps
Potassium	39-2	737978	728285	727035	731099	0.82	cps
Rhodium	103-1	5519472	5803076	5899362	5740637	3.44	cps
Rhodium	103-2	1762846	1754389	1759025	1758753	0.24	cps
Scandium	45-1	3890788	4094979	4135525	4040431	3.25	cps
Scandium	45-2	36949	37199	36815	36988	0.53	cps
Selenium	77-2	460	477	540	492	8.57	cps
Selenium	78-2	1791	1704	1774	1756	2.63	cps
Selenium	82-1	72937	73280	73208	73142	0.25	cps
Silicon	28-1	42917425	42135863	42825085	42626125	1.00	cps
Silver	109-1	4970512	4829176	4883927	4894538	1.46	cps
Silver	107-1	5181463	5141923	5170291	5164559	0.39	cps
Sodium	23-2	5849561	5801064	5850855	5833826	0.49	cps
Strontium	86-1	2270934	2260966	2275718	2269206	0.33	cps
Strontium	88-1	19494990	19207171	19340440	19347534	0.74	cps
Sulfur	34-1	2299303	2250577	2282240	2277373	1.09	cps
Terbium	159-1	6643895	7066120	7166767	6958927	3.99	cps
Terbium	159-2	1857514	1840776	1817605	1838632	1.09	cps
Thallium	203-1	3165381	3106485	3203653	3158506	1.55	cps
Thallium	205-1	7373355	7213927	7404961	7330747	1.40	cps
Tin	118-1	3253948	3240974	3343071	3279331	1.69	cps
Titanium	47-1	612166	600807	611719	608231	1.06	cps
Uranium	238-1	8902269	8903339	8917476	8907695	0.10	cps
Vanadium	51-2	419284	419532	416945	418587	0.34	cps
Yttrium	89-1	6474556	6923724	7054492	6817590	4.46	cps
Yttrium	89-2	252447	251505	251343	251765	0.24	cps
Zinc	66-2	217409	218926	217067	217800	0.45	cps
Zirconium	90-1	7880883	7846669	7923881	7883811	0.49	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-02A	Instrumnet Name :	P8
Client Sample ID :	MW-1A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:47:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1772450	1776863	1798865	1782726	0.79	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-05	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:50:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	450	408	408	10.20	cps
Antimony	121-1	14534	14191	14875	14533	2.35	cps
Arsenic	75-2	319	315	346	327	5.27	cps
Barium	135-1	278755	281293	285700	281916	1.25	cps
Barium	137-1	487954	492928	493104	491329	0.60	cps
Beryllium	9-1	333	361	261	319	16.21	cps
Bismuth	209-1	3880591	3922871	3906199	3903220	0.55	cps
Bismuth	209-2	1323388	1340662	1356408	1340153	1.23	cps
Boron	10-1	24530	25356	24847	24911	1.67	cps
Boron	11-1	110574	112161	112656	111797	0.97	cps
Cadmium	111-1	1253	1220	1178	1217	3.05	cps
Cadmium	106-1	1492	1425	1425	1447	2.66	cps
Cadmium	108-1	42	33	33	36	13.33	cps
Calcium	43-1	2755614	2780877	2740367	2758953	0.74	cps
Calcium	44-1	44414848	44667765	44147258	44409957	0.59	cps
Chromium	52-2	2094	1964	2070	2042	3.39	cps
Cobalt	59-2	1820	1720	1477	1672	10.56	cps
Copper	63-2	8439	8339	8803	8527	2.86	cps
Dysprosium	156-1	133	267	142	181	41.37	cps
Dysprosium	156-2	67	47	47	53	21.65	cps
Erbium	164-1	192	158	175	175	9.53	cps
Erbium	164-2	67	43	27	46	44.10	cps
Gadolinium	160-1	208	192	225	208	8.00	cps
Gadolinium	160-2	77	50	13	47	68.15	cps
Holmium	165-1	6781671	6854976	6824633	6820427	0.54	cps
Holmium	165-2	1829017	1852759	1845536	1842438	0.66	cps
Indium	115-1	6391917	6461907	6363741	6405855	0.79	cps
Indium	115-2	329353	330403	336226	331994	1.12	cps
Iron	56-2	2465727	2485335	2481306	2477456	0.42	cps
Iron	57-2	60922	61223	60850	60998	0.32	cps
Lead	206-1	7019	6607	6674	6767	3.26	cps
Lead	207-1	5440	5640	5551	5544	1.81	cps
Lead	208-1	25889	25989	25327	25735	1.39	cps
Lithium	6-1	1601970	1635988	1639669	1625876	1.28	cps
Magnesium	24-2	472017	466729	474559	471102	0.85	cps
Manganese	55-2	87740	88632	89095	88489	0.78	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-05	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:50:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6627	6935	7111	6891	3.55	cps
Molybdenum	95-1	9704	9962	9912	9860	1.39	cps
Molybdenum	96-1	10746	11205	10688	10880	2.60	cps
Molybdenum	97-1	6277	6452	5960	6229	4.00	cps
Molybdenum	98-1	16594	16319	16469	16461	0.84	cps
Neodymium	150-1	213	213	267	231	13.32	cps
Neodymium	150-2	10	20	53	28	81.68	cps
Nickel	60-2	1027	1163	1200	1130	8.08	cps
Phosphorus	31-2	83	50	100	78	32.74	cps
Potassium	39-2	99676	100214	101322	100404	0.84	cps
Rhodium	103-1	5856974	6018160	5967168	5947434	1.39	cps
Rhodium	103-2	1773409	1752658	1777222	1767763	0.75	cps
Scandium	45-1	4117062	4108924	4091817	4105934	0.31	cps
Scandium	45-2	35675	36233	36471	36126	1.13	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	7	7	6	7	15.72	cps
Selenium	82-1	-16	-11	49	7	491.06	cps
Silicon	28-1	41382367	41265520	40701308	41116398	0.89	cps
Silver	109-1	2600	2692	2700	2664	2.08	cps
Silver	107-1	2984	2817	2517	2773	8.53	cps
Sodium	23-2	670539	675871	677194	674535	0.52	cps
Strontium	86-1	1291996	1321636	1318953	1310862	1.25	cps
Strontium	88-1	11422234	11493883	11354952	11423690	0.61	cps
Sulfur	34-1	818253	819811	811901	816655	0.51	cps
Terbium	159-1	7211748	7270558	7279351	7253886	0.51	cps
Terbium	159-2	1804905	1811639	1845955	1820833	1.21	cps
Thallium	203-1	358	342	458	386	16.34	cps
Thallium	205-1	908	808	958	892	8.57	cps
Tin	118-1	42886	43756	41582	42741	2.56	cps
Titanium	47-1	2317	2059	2209	2195	5.91	cps
Uranium	238-1	4734	4860	4968	4854	2.41	cps
Vanadium	51-2	290	310	300	300	3.33	cps
Yttrium	89-1	6974809	7012754	6992675	6993413	0.27	cps
Yttrium	89-2	247036	244708	247073	246273	0.55	cps
Zinc	66-2	2424	2554	2417	2465	3.13	cps
Zirconium	90-1	3492	3701	3301	3498	5.72	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-05	Instrumnet Name :	P8
Client Sample ID :	MW-2	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:50:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	900	892	1209	1000	18.06	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-06	Instrumnet Name :	P8
Client Sample ID :	DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:53:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	192	192	189	2.55	cps
Antimony	121-1	11572	10772	11631	11325	4.24	cps
Arsenic	75-2	11913	11850	12239	12000	1.74	cps
Barium	135-1	259763	258750	260629	259714	0.36	cps
Barium	137-1	449324	451914	453023	451420	0.42	cps
Beryllium	9-1	233	261	233	243	6.61	cps
Bismuth	209-1	3612833	3900483	3974098	3829138	4.99	cps
Bismuth	209-2	1346908	1327110	1337058	1337025	0.74	cps
Boron	10-1	31268	32304	31719	31764	1.63	cps
Boron	11-1	144722	146838	146685	146081	0.81	cps
Cadmium	111-1	1094	1084	1023	1067	3.62	cps
Cadmium	106-1	1350	1300	1267	1306	3.21	cps
Cadmium	108-1	25	25	38	29	24.74	cps
Calcium	43-1	2029998	2018678	2006104	2018260	0.59	cps
Calcium	44-1	32563936	32502657	32705701	32590765	0.32	cps
Chromium	52-2	2667	2544	2600	2604	2.37	cps
Cobalt	59-2	927	920	910	919	0.91	cps
Copper	63-2	7932	7912	8166	8004	1.76	cps
Dysprosium	156-1	158	67	50	92	63.64	cps
Dysprosium	156-2	33	43	47	41	16.89	cps
Erbium	164-1	100	133	108	114	15.23	cps
Erbium	164-2	40	30	23	31	26.97	cps
Gadolinium	160-1	133	200	167	167	20.00	cps
Gadolinium	160-2	40	23	47	37	32.79	cps
Holmium	165-1	6316468	6917001	6872810	6702093	4.99	cps
Holmium	165-2	1897473	1852383	1849497	1866451	1.44	cps
Indium	115-1	5968425	6358819	6448250	6258498	4.08	cps
Indium	115-2	335693	330058	332017	332589	0.86	cps
Iron	56-2	4465228	4386079	4380021	4410443	1.08	cps
Iron	57-2	109802	108116	108621	108846	0.79	cps
Lead	206-1	5185	4918	4957	5020	2.87	cps
Lead	207-1	3906	4251	4223	4127	4.64	cps
Lead	208-1	18834	19051	19034	18973	0.64	cps
Lithium	6-1	1483179	1568169	1579137	1543495	3.40	cps
Magnesium	24-2	424950	419156	424253	422787	0.75	cps
Manganese	55-2	82187	80594	81312	81364	0.98	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-06	Instrumnet Name :	P8
Client Sample ID :	DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:53:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9612	8853	9395	9287	4.21	cps
Molybdenum	95-1	14759	15501	14825	15028	2.73	cps
Molybdenum	96-1	16010	16636	16527	16391	2.04	cps
Molybdenum	97-1	9520	9687	9195	9468	2.64	cps
Molybdenum	98-1	23980	25016	24331	24442	2.15	cps
Neodymium	150-1	120	147	93	120	22.22	cps
Neodymium	150-2	13	17	23	18	28.64	cps
Nickel	60-2	7656	7742	7552	7650	1.24	cps
Phosphorus	31-2	42	8	33	28	62.46	cps
Potassium	39-2	38763	38077	39331	38724	1.62	cps
Rhodium	103-1	5497074	5983259	6032513	5837615	5.07	cps
Rhodium	103-2	1786801	1777763	1781590	1782052	0.25	cps
Scandium	45-1	3773684	4092893	4109229	3991935	4.74	cps
Scandium	45-2	36200	36214	36491	36301	0.45	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	7	0	6	4	89.21	cps
Selenium	82-1	-76	30	32	-5	-1309.60	cps
Silicon	28-1	37315183	37558253	37430582	37434673	0.32	cps
Silver	109-1	1942	2067	1742	1917	8.55	cps
Silver	107-1	1992	2134	1867	1997	6.68	cps
Sodium	23-2	1616659	1612076	1600199	1609644	0.53	cps
Strontium	86-1	1268703	1273826	1276538	1273023	0.31	cps
Strontium	88-1	11000267	11049162	11146261	11065230	0.67	cps
Sulfur	34-1	512969	519405	518689	517021	0.68	cps
Terbium	159-1	6584089	7319601	7230899	7044863	5.70	cps
Terbium	159-2	1839889	1828947	1833838	1834225	0.30	cps
Thallium	203-1	258	217	217	231	10.43	cps
Thallium	205-1	408	425	367	400	7.51	cps
Tin	118-1	26469	25809	26978	26419	2.22	cps
Titanium	47-1	1408	1484	1425	1439	2.74	cps
Uranium	238-1	1533	1784	1684	1667	7.55	cps
Vanadium	51-2	263	187	197	216	19.34	cps
Yttrium	89-1	6416853	6967557	6976348	6786919	4.72	cps
Yttrium	89-2	249117	245142	247041	247100	0.80	cps
Zinc	66-2	2360	2194	2537	2364	7.27	cps
Zirconium	90-1	2709	2084	2517	2436	13.14	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-06	Instrumnet Name :	P8
Client Sample ID :	DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:53:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	517	658	614	13.73	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:56:29	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413310	414097	419200	415536	0.77	cps
Antimony	121-1	4645619	4735969	4707879	4696489	0.98	cps
Arsenic	75-2	75002	74883	75303	75063	0.29	cps
Barium	135-1	4963190	5045159	5091875	5033408	1.29	cps
Barium	137-1	8586776	8681485	8665307	8644523	0.59	cps
Beryllium	9-1	845019	844726	842761	844169	0.15	cps
Bismuth	209-1	3778279	3804588	3744008	3775625	0.80	cps
Bismuth	209-2	1456554	1445211	1452588	1451451	0.40	cps
Boron	10-1	100887	99980	101391	100753	0.71	cps
Boron	11-1	454617	459699	468249	460855	1.49	cps
Cadmium	111-1	1089435	1100512	1090966	1093638	0.55	cps
Cadmium	106-1	112542	114517	113701	113587	0.87	cps
Cadmium	108-1	77090	77253	76746	77030	0.34	cps
Calcium	43-1	6311706	6275039	6298047	6294931	0.29	cps
Calcium	44-1	102685929	102886915	102695546	102756130	0.11	cps
Chromium	52-2	620132	621575	622439	621382	0.19	cps
Cobalt	59-2	1218775	1222866	1219862	1220501	0.17	cps
Copper	63-2	2123928	2125651	2126894	2125491	0.07	cps
Dysprosium	156-1	117	100	142	119	17.56	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	83	75	75	78	6.19	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	100	125	158	128	22.90	cps
Gadolinium	160-2	27	27	30	28	6.92	cps
Holmium	165-1	6944222	7020859	6994313	6986465	0.56	cps
Holmium	165-2	2097364	2126037	2120324	2114575	0.72	cps
Indium	115-1	6412652	6498423	6413016	6441364	0.77	cps
Indium	115-2	374603	374102	376985	375230	0.41	cps
Iron	56-2	98975452	99104997	99124502	99068317	0.08	cps
Iron	57-2	2527099	2509161	2515983	2517414	0.36	cps
Lead	206-1	2400606	2417417	2439091	2419038	0.80	cps
Lead	207-1	2211499	2175858	2199194	2195517	0.82	cps
Lead	208-1	9846927	9762182	9910640	9839916	0.76	cps
Lithium	6-1	1192749	1199979	1173928	1188885	1.13	cps
Magnesium	24-2	10297342	10296979	10414041	10336121	0.65	cps
Manganese	55-2	349442	353124	352042	351536	0.54	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:56:29	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4060991	4146383	4111394	4106256	1.05	cps
Molybdenum	95-1	2363520	2356887	2330648	2350352	0.74	cps
Molybdenum	96-1	2996588	2999848	2969333	2988590	0.56	cps
Molybdenum	97-1	1461638	1466879	1428179	1452232	1.45	cps
Molybdenum	98-1	3746660	3748160	3732541	3742453	0.23	cps
Neodymium	150-1	180	200	167	182	9.21	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	360148	359598	356504	358750	0.55	cps
Phosphorus	31-2	7110	6477	6660	6749	4.83	cps
Potassium	39-2	3357767	3333788	3306159	3332571	0.77	cps
Rhodium	103-1	6053299	6051313	5995027	6033213	0.55	cps
Rhodium	103-2	1890322	1916743	1903524	1903530	0.69	cps
Scandium	45-1	4448334	4390841	4350176	4396450	1.12	cps
Scandium	45-2	41863	41876	42140	41959	0.37	cps
Selenium	77-2	603	520	537	553	7.97	cps
Selenium	78-2	1872	1933	1833	1880	2.68	cps
Selenium	82-1	73014	73387	73415	73272	0.31	cps
Silicon	28-1	2916609	2946962	2960994	2941522	0.77	cps
Silver	109-1	5195791	5157217	5126080	5159696	0.68	cps
Silver	107-1	5472391	5489934	5449269	5470531	0.37	cps
Sodium	23-2	24938083	25034282	25003284	24991883	0.20	cps
Strontium	86-1	1536770	1540694	1556224	1544563	0.67	cps
Strontium	88-1	13013064	13011196	13065742	13030001	0.24	cps
Sulfur	34-1	823536	817722	820066	820441	0.36	cps
Terbium	159-1	7313447	7457007	7342770	7371075	1.03	cps
Terbium	159-2	2056752	2082017	2056778	2065183	0.71	cps
Thallium	203-1	2979171	3026145	3028780	3011366	0.93	cps
Thallium	205-1	6994489	7033381	7110848	7046239	0.84	cps
Tin	118-1	3531230	3537236	3511351	3526606	0.38	cps
Titanium	47-1	651535	660327	650730	654197	0.81	cps
Uranium	238-1	8681424	8778474	8923009	8794302	1.38	cps
Vanadium	51-2	445666	446607	446664	446312	0.13	cps
Yttrium	89-1	7500950	7438422	7311582	7416985	1.30	cps
Yttrium	89-2	287744	288634	286189	287522	0.43	cps
Zinc	66-2	197622	199421	198440	198494	0.45	cps
Zirconium	90-1	7689403	7657007	7710210	7685540	0.35	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:56:29	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1692011	1717020	1742775	1717269	1.48	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 16:59:28 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	0	19	89.21	cps
Antimony	121-1	2725	2600	2567	2631	3.17	cps
Arsenic	75-2	7	9	9	9	12.36	cps
Barium	135-1	25	67	67	53	45.58	cps
Barium	137-1	67	50	67	61	15.75	cps
Beryllium	9-1	217	289	206	237	19.09	cps
Bismuth	209-1	3931201	3961205	3931842	3941416	0.43	cps
Bismuth	209-2	1511438	1461711	1427666	1466938	2.87	cps
Boron	10-1	4776	4434	4217	4476	6.29	cps
Boron	11-1	21826	20181	19898	20635	5.04	cps
Cadmium	111-1	1118	1086	1180	1128	4.25	cps
Cadmium	106-1	1517	1442	1584	1514	4.68	cps
Cadmium	108-1	21	33	17	24	36.73	cps
Calcium	43-1	4092	3976	3667	3912	5.62	cps
Calcium	44-1	63738	63804	63637	63726	0.13	cps
Chromium	52-2	1320	1043	1177	1180	11.73	cps
Cobalt	59-2	23	33	30	29	17.63	cps
Copper	63-2	520	607	470	532	12.99	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	100	58	42	67	45.07	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	6962698	6846707	6925680	6911695	0.86	cps
Holmium	165-2	2105677	2024959	1992866	2041167	2.85	cps
Indium	115-1	6668738	6685431	6583503	6645891	0.82	cps
Indium	115-2	391258	379804	372690	381251	2.46	cps
Iron	56-2	3389	3545	3284	3406	3.86	cps
Iron	57-2	94	128	100	107	16.63	cps
Lead	206-1	511	367	494	457	17.28	cps
Lead	207-1	406	361	461	409	12.24	cps
Lead	208-1	1961	1672	2045	1893	10.32	cps
Lithium	6-1	1195386	1225063	1222022	1214157	1.34	cps
Magnesium	24-2	108	225	208	181	34.95	cps
Manganese	55-2	53	57	63	58	8.81	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:59:28	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	658	858	789	14.34	cps
Molybdenum	95-1	133	142	125	133	6.25	cps
Molybdenum	96-1	325	350	308	328	6.40	cps
Molybdenum	97-1	183	208	308	233	28.35	cps
Molybdenum	98-1	200	142	250	197	27.49	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	87	103	96	8.78	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	3951	3817	4259	4009	5.65	cps
Rhodium	103-1	6392051	6334110	6311246	6345803	0.66	cps
Rhodium	103-2	2007630	1960695	1907580	1958635	2.56	cps
Scandium	45-1	4344437	4367851	4286868	4333052	0.96	cps
Scandium	45-2	41558	40716	39135	40470	3.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	-80	-154	-186	-140	-38.71	cps
Silicon	28-1	513154	518451	509166	513590	0.91	cps
Silver	109-1	550	675	592	606	10.51	cps
Silver	107-1	667	825	808	767	11.35	cps
Sodium	23-2	8219	8044	7911	8058	1.92	cps
Strontium	86-1	1467	1225	1367	1353	8.98	cps
Strontium	88-1	242	267	217	242	10.34	cps
Sulfur	34-1	420996	424715	424351	423354	0.48	cps
Terbium	159-1	7405905	7255229	7320860	7327331	1.03	cps
Terbium	159-2	2080175	2001592	1961114	2014294	3.01	cps
Thallium	203-1	567	383	283	411	34.95	cps
Thallium	205-1	850	1108	767	908	19.61	cps
Tin	118-1	1100	1242	1208	1183	6.26	cps
Titanium	47-1	192	142	158	164	15.54	cps
Uranium	238-1	92	117	100	103	12.38	cps
Vanadium	51-2	20	17	20	19	10.18	cps
Yttrium	89-1	7404142	7472478	7336097	7404239	0.92	cps
Yttrium	89-2	289049	279156	273436	280547	2.82	cps
Zinc	66-2	113	87	107	102	13.58	cps
Zirconium	90-1	1925	1825	1942	1897	3.33	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 16:59:28	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	292	483	397	24.50	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-07	Instrumnet Name :	P8
Client Sample ID :	RINSEBLANK-GW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:02:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	25	22	21.64	cps
Antimony	121-1	992	1083	858	978	11.57	cps
Arsenic	75-2	4	11	2	6	88.24	cps
Barium	135-1	33	50	67	50	33.34	cps
Barium	137-1	67	42	108	72	46.63	cps
Beryllium	9-1	200	161	172	178	11.27	cps
Bismuth	209-1	4893470	4839307	4704424	4812401	2.02	cps
Bismuth	209-2	1902776	1734213	1830270	1822420	4.64	cps
Boron	10-1	2617	2459	2367	2481	5.10	cps
Boron	11-1	12139	11455	11739	11778	2.92	cps
Cadmium	111-1	1356	1424	1316	1365	4.00	cps
Cadmium	106-1	1900	1975	1842	1906	3.51	cps
Cadmium	108-1	17	13	33	21	52.90	cps
Calcium	43-1	3884	3634	3651	3723	3.76	cps
Calcium	44-1	62674	61008	62205	61963	1.39	cps
Chromium	52-2	847	910	823	860	5.21	cps
Cobalt	59-2	43	23	27	31	34.44	cps
Copper	63-2	473	497	483	484	2.42	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	42	67	42	60.00	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	33	92	42	56	56.79	cps
Gadolinium	160-2	20	7	13	13	49.99	cps
Holmium	165-1	8531694	8341524	8255012	8376077	1.69	cps
Holmium	165-2	2494236	2294405	2413298	2400646	4.19	cps
Indium	115-1	8276611	8065826	7985122	8109187	1.86	cps
Indium	115-2	470931	424006	458804	451247	5.40	cps
Iron	56-2	2989	2761	2895	2882	3.97	cps
Iron	57-2	100	72	72	81	19.68	cps
Lead	206-1	600	572	594	589	2.50	cps
Lead	207-1	639	556	567	587	7.71	cps
Lead	208-1	2817	2450	2389	2552	9.07	cps
Lithium	6-1	1460403	1446451	1419857	1442237	1.43	cps
Magnesium	24-2	125	175	175	158	18.23	cps
Manganese	55-2	73	70	57	67	13.22	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-07	Instrumnet Name :	P8
Client Sample ID :	RINSEBLANK-GW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:02:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	267	267	250	261	3.68	cps
Molybdenum	95-1	58	75	33	56	37.75	cps
Molybdenum	96-1	192	183	175	183	4.55	cps
Molybdenum	97-1	250	258	242	250	3.33	cps
Molybdenum	98-1	92	75	58	75	22.22	cps
Neodymium	150-1	33	13	13	20	57.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	430	397	340	389	11.70	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	4234	4017	3967	4073	3.48	cps
Rhodium	103-1	7931371	7768499	7654262	7784711	1.79	cps
Rhodium	103-2	2464987	2183839	2388400	2345742	6.20	cps
Scandium	45-1	5360777	5303200	5179823	5281267	1.75	cps
Scandium	45-2	49574	44732	48323	47543	5.29	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-115	-87	-101	-101	-13.63	cps
Silicon	28-1	460987	458001	459865	459618	0.33	cps
Silver	109-1	333	450	350	378	16.70	cps
Silver	107-1	425	492	300	406	23.99	cps
Sodium	23-2	7002	6802	7144	6983	2.46	cps
Strontium	86-1	1508	1450	1417	1458	3.18	cps
Strontium	88-1	633	575	500	569	11.74	cps
Sulfur	34-1	414296	417268	417766	416443	0.45	cps
Terbium	159-1	9002444	8839318	8773358	8871707	1.33	cps
Terbium	159-2	2472424	2244929	2426686	2381346	5.05	cps
Thallium	203-1	233	292	233	253	13.32	cps
Thallium	205-1	517	392	417	442	14.98	cps
Tin	118-1	1033	1050	867	983	10.31	cps
Titanium	47-1	208	142	92	147	39.76	cps
Uranium	238-1	67	42	75	61	28.39	cps
Vanadium	51-2	20	20	23	21	9.11	cps
Yttrium	89-1	9052219	8958188	8942008	8984138	0.66	cps
Yttrium	89-2	347130	310458	337413	331667	5.73	cps
Zinc	66-2	1163	1180	1170	1171	0.72	cps
Zirconium	90-1	733	708	733	725	1.99	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-07	Instrumnet Name :	P8
Client Sample ID :	RINSEBLANK-GW	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:02:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	92	125	142	42.42	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-08	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:05:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	425	350	381	10.35	cps
Antimony	121-1	56278	50363	49928	52189	6.80	cps
Arsenic	75-2	141	133	120	131	7.84	cps
Barium	135-1	152334	153109	156236	153893	1.34	cps
Barium	137-1	265545	265597	267183	266108	0.35	cps
Beryllium	9-1	178	233	189	200	14.70	cps
Bismuth	209-1	3805740	3900828	3974027	3893532	2.17	cps
Bismuth	209-2	1343927	1331471	1339431	1338276	0.47	cps
Boron	10-1	22810	23069	22585	22822	1.06	cps
Boron	11-1	102951	106703	105570	105075	1.83	cps
Cadmium	111-1	1196	1243	1038	1159	9.28	cps
Cadmium	106-1	1417	1433	1175	1342	10.78	cps
Cadmium	108-1	42	50	38	43	14.78	cps
Calcium	43-1	2126264	2171802	2183991	2160686	1.41	cps
Calcium	44-1	35064982	35537252	35188756	35263663	0.69	cps
Chromium	52-2	3127	3050	2960	3046	2.74	cps
Cobalt	59-2	5525	5408	5755	5562	3.17	cps
Copper	63-2	14928	14464	14341	14578	2.12	cps
Dysprosium	156-1	167	100	125	131	25.80	cps
Dysprosium	156-2	50	33	23	36	37.90	cps
Erbium	164-1	150	150	192	164	14.68	cps
Erbium	164-2	30	50	27	36	35.49	cps
Gadolinium	160-1	158	208	150	172	18.32	cps
Gadolinium	160-2	63	53	50	56	12.49	cps
Holmium	165-1	6540966	6725292	6905433	6723897	2.71	cps
Holmium	165-2	1836571	1832946	1832311	1833943	0.13	cps
Indium	115-1	6183307	6344903	6395192	6307801	1.76	cps
Indium	115-2	332633	326016	326843	328497	1.10	cps
Iron	56-2	111380	106985	107786	108717	2.15	cps
Iron	57-2	2667	2828	2628	2708	3.92	cps
Lead	206-1	6496	6241	6318	6352	2.06	cps
Lead	207-1	5151	5535	5385	5357	3.61	cps
Lead	208-1	24226	25222	24727	24725	2.01	cps
Lithium	6-1	1483055	1542584	1559736	1528458	2.63	cps
Magnesium	24-2	386580	379818	384364	383587	0.90	cps
Manganese	55-2	103261	102694	101314	102423	0.98	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-08	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:05:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10313	9470	8937	9573	7.25	cps
Molybdenum	95-1	11580	11147	11289	11339	1.95	cps
Molybdenum	96-1	12515	12807	12281	12534	2.10	cps
Molybdenum	97-1	7252	7077	7361	7230	1.98	cps
Molybdenum	98-1	18071	18413	19123	18536	2.89	cps
Neodymium	150-1	240	107	200	182	37.55	cps
Neodymium	150-2	23	33	27	28	18.33	cps
Nickel	60-2	5218	5431	5294	5314	2.03	cps
Phosphorus	31-2	42	33	33	36	13.33	cps
Potassium	39-2	116875	115471	116395	116247	0.61	cps
Rhodium	103-1	5675415	5808257	5925866	5803179	2.16	cps
Rhodium	103-2	1752770	1746373	1730837	1743326	0.65	cps
Scandium	45-1	3907811	3983766	4037071	3976216	1.63	cps
Scandium	45-2	36217	34289	35124	35210	2.75	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	54	150	136	113	45.37	cps
Silicon	28-1	42532638	42617862	42516888	42555796	0.13	cps
Silver	109-1	3709	3409	3467	3528	4.51	cps
Silver	107-1	3826	3726	3326	3626	7.30	cps
Sodium	23-2	1006448	992396	994647	997830	0.76	cps
Strontium	86-1	1096428	1112261	1118417	1109035	1.02	cps
Strontium	88-1	9668782	9706316	9780543	9718547	0.59	cps
Sulfur	34-1	1292049	1300084	1260515	1284216	1.63	cps
Terbium	159-1	6897793	7102341	7263189	7087774	2.58	cps
Terbium	159-2	1812761	1782570	1806378	1800569	0.88	cps
Thallium	203-1	1192	958	1050	1067	11.02	cps
Thallium	205-1	2742	2600	2534	2625	4.05	cps
Tin	118-1	28406	27412	26185	27335	4.07	cps
Titanium	47-1	2284	2075	1950	2103	8.01	cps
Uranium	238-1	2534	2642	2617	2598	2.18	cps
Vanadium	51-2	553	513	577	548	5.85	cps
Yttrium	89-1	6571325	6797001	6922593	6763640	2.63	cps
Yttrium	89-2	243107	241441	241972	242173	0.35	cps
Zinc	66-2	14371	14234	13934	14180	1.58	cps
Zirconium	90-1	10204	8470	7903	8859	13.54	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-08	Instrumnet Name :	P8
Client Sample ID :	MW-3	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:05:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1875	1717	1884	1825	5.15	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-09	Instrumnet Name :	P8
Client Sample ID :	MW-4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:08:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2084	2059	1900	2014	4.94	cps
Antimony	121-1	21017	21234	21543	21265	1.24	cps
Arsenic	75-2	402	393	391	395	1.51	cps
Barium	135-1	474742	476624	478436	476601	0.39	cps
Barium	137-1	824164	833122	829581	828956	0.54	cps
Beryllium	9-1	161	228	133	174	27.88	cps
Bismuth	209-1	3938580	3983450	3964936	3962322	0.57	cps
Bismuth	209-2	1317276	1325318	1310302	1317632	0.57	cps
Boron	10-1	18788	19631	20591	19670	4.59	cps
Boron	11-1	91542	91818	92204	91854	0.36	cps
Cadmium	111-1	1118	1052	958	1043	7.71	cps
Cadmium	106-1	1442	1325	1192	1320	9.48	cps
Cadmium	108-1	29	54	38	40	31.60	cps
Calcium	43-1	2783617	2781069	2808187	2790958	0.54	cps
Calcium	44-1	45296630	45524408	45088042	45303027	0.48	cps
Chromium	52-2	2037	1853	1747	1879	7.81	cps
Cobalt	59-2	2214	2147	2180	2180	1.53	cps
Copper	63-2	10304	10818	10844	10655	2.86	cps
Dysprosium	156-1	1542	1442	1634	1539	6.23	cps
Dysprosium	156-2	460	427	410	432	5.89	cps
Erbium	164-1	1242	1517	1392	1383	9.95	cps
Erbium	164-2	360	340	310	337	7.47	cps
Gadolinium	160-1	1717	1742	1625	1695	3.62	cps
Gadolinium	160-2	580	560	477	539	10.17	cps
Holmium	165-1	6934492	7120975	6885872	6980446	1.78	cps
Holmium	165-2	1843136	1832150	1838111	1837799	0.30	cps
Indium	115-1	6391886	6488201	6333821	6404636	1.22	cps
Indium	115-2	321409	325825	320874	322703	0.84	cps
Iron	56-2	1115401	1123877	1118973	1119417	0.38	cps
Iron	57-2	28580	27656	28719	28318	2.04	cps
Lead	206-1	52972	53770	53943	53562	0.97	cps
Lead	207-1	45287	45036	44562	44962	0.82	cps
Lead	208-1	207908	208139	210093	208713	0.57	cps
Lithium	6-1	1544178	1578066	1564495	1562246	1.09	cps
Magnesium	24-2	725266	728668	717292	723742	0.81	cps
Manganese	55-2	232502	233583	231095	232393	0.54	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-09	Instrumnet Name :	P8
Client Sample ID :	MW-4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:08:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6660	6835	6719	6738	1.32	cps
Molybdenum	95-1	4276	4401	4476	4384	2.31	cps
Molybdenum	96-1	5543	5643	5418	5535	2.04	cps
Molybdenum	97-1	2742	2584	2925	2750	6.22	cps
Molybdenum	98-1	7511	7686	7161	7452	3.59	cps
Neodymium	150-1	1960	2120	2327	2136	8.61	cps
Neodymium	150-2	327	357	377	353	7.12	cps
Nickel	60-2	1473	1460	1343	1426	5.02	cps
Phosphorus	31-2	75	75	92	81	11.95	cps
Potassium	39-2	61594	61234	60539	61123	0.88	cps
Rhodium	103-1	6016454	6011935	5935411	5987933	0.76	cps
Rhodium	103-2	1731843	1752410	1723717	1735990	0.85	cps
Scandium	45-1	4070658	4070624	4065275	4068852	0.08	cps
Scandium	45-2	34753	35522	35001	35092	1.12	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	2	0	9	4	132.32	cps
Selenium	82-1	-122	-46	65	-34	-275.94	cps
Silicon	28-1	42532457	41997056	42353037	42294184	0.64	cps
Silver	109-1	2142	1992	2317	2150	7.57	cps
Silver	107-1	2092	2475	2417	2328	8.87	cps
Sodium	23-2	2074622	2071355	2063888	2069955	0.27	cps
Strontium	86-1	1170681	1189245	1176335	1178754	0.81	cps
Strontium	88-1	10219721	10320693	10299006	10279807	0.52	cps
Sulfur	34-1	553477	551536	545978	550330	0.71	cps
Terbium	159-1	7419778	7389525	7311378	7373560	0.76	cps
Terbium	159-2	1787337	1813056	1776897	1792430	1.04	cps
Thallium	203-1	183	225	150	186	20.19	cps
Thallium	205-1	375	458	483	439	12.92	cps
Tin	118-1	18413	19490	20859	19587	6.26	cps
Titanium	47-1	8411	7819	8737	8322	5.59	cps
Uranium	238-1	5293	5318	5085	5232	2.45	cps
Vanadium	51-2	1490	1500	1467	1486	1.15	cps
Yttrium	89-1	6916794	6945713	6854529	6905679	0.67	cps
Yttrium	89-2	239042	242522	237795	239786	1.02	cps
Zinc	66-2	4267	4207	4211	4228	0.80	cps
Zirconium	90-1	12106	11589	12640	12112	4.34	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-09	Instrumnet Name :	P8
Client Sample ID :	MW-4	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:08:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2884	2450	2525	2620	8.84	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-10	Instrumnet Name :	P8
Client Sample ID :	MW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:11:58	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11839	11430	11655	11641	1.76	cps
Antimony	121-1	53826	52120	53734	53227	1.80	cps
Arsenic	75-2	735	722	689	715	3.34	cps
Barium	135-1	141686	145044	146966	144565	1.85	cps
Barium	137-1	247365	251138	253199	250567	1.18	cps
Beryllium	9-1	428	283	350	354	20.44	cps
Bismuth	209-1	3900174	3902325	3707837	3836779	2.91	cps
Bismuth	209-2	1324705	1331403	1333261	1329790	0.34	cps
Boron	10-1	23019	22084	24581	23228	5.43	cps
Boron	11-1	100886	102211	105545	102881	2.33	cps
Cadmium	111-1	1621	1491	1439	1517	6.19	cps
Cadmium	106-1	1692	1550	1417	1553	8.86	cps
Cadmium	108-1	67	46	46	53	22.80	cps
Calcium	43-1	1865442	1826906	1857574	1849974	1.10	cps
Calcium	44-1	30059065	30194355	30340888	30198103	0.47	cps
Chromium	52-2	9096	8966	9350	9138	2.13	cps
Cobalt	59-2	4051	4241	4107	4133	2.36	cps
Copper	63-2	30076	30681	29759	30172	1.55	cps
Dysprosium	156-1	4184	3901	4401	4162	6.03	cps
Dysprosium	156-2	1133	1217	1227	1192	4.30	cps
Erbium	164-1	3867	3792	3642	3767	3.04	cps
Erbium	164-2	917	910	890	906	1.53	cps
Gadolinium	160-1	4243	3967	4734	4315	9.01	cps
Gadolinium	160-2	1350	1343	1490	1395	5.94	cps
Holmium	165-1	6938709	6857965	6491407	6762694	3.53	cps
Holmium	165-2	1850761	1845462	1877405	1857876	0.92	cps
Indium	115-1	6374382	6391468	6048488	6271446	3.08	cps
Indium	115-2	326861	328884	327302	327682	0.32	cps
Iron	56-2	2922518	2921801	2875943	2906754	0.92	cps
Iron	57-2	70339	71739	71176	71085	0.99	cps
Lead	206-1	171673	172962	176658	173764	1.49	cps
Lead	207-1	140684	143570	144430	142895	1.37	cps
Lead	208-1	663362	667819	678984	670055	1.20	cps
Lithium	6-1	1522056	1522959	1485465	1510160	1.42	cps
Magnesium	24-2	742441	746993	739946	743127	0.48	cps
Manganese	55-2	96957	97799	97225	97327	0.44	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-10	Instrumnet Name :	P8
Client Sample ID :	MW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:11:58	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	52829	52302	54763	53298	2.43	cps
Molybdenum	95-1	81285	80689	81570	81181	0.55	cps
Molybdenum	96-1	86836	88136	87725	87566	0.76	cps
Molybdenum	97-1	50403	50880	51808	51030	1.40	cps
Molybdenum	98-1	131475	128655	131651	130594	1.29	cps
Neodymium	150-1	6682	6495	6682	6620	1.63	cps
Neodymium	150-2	973	1033	1020	1009	3.12	cps
Nickel	60-2	3661	3471	3364	3498	4.30	cps
Phosphorus	31-2	192	83	117	131	42.50	cps
Potassium	39-2	141673	138803	139619	140031	1.06	cps
Rhodium	103-1	5982039	5922867	5600732	5835213	3.52	cps
Rhodium	103-2	1786486	1759751	1761241	1769159	0.85	cps
Scandium	45-1	4142027	4081542	3834635	4019402	4.05	cps
Scandium	45-2	35705	35385	35712	35601	0.53	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	15	11	7	11	33.30	cps
Selenium	82-1	92	-58	56	30	260.49	cps
Silicon	28-1	36145731	36285761	36310386	36247293	0.25	cps
Silver	109-1	2059	2359	1934	2117	10.32	cps
Silver	107-1	2009	2367	2009	2128	9.72	cps
Sodium	23-2	3176327	3157720	3168736	3167594	0.30	cps
Strontium	86-1	1802884	1789370	1804567	1798940	0.46	cps
Strontium	88-1	15354128	15412191	15514082	15426801	0.52	cps
Sulfur	34-1	1108465	1107300	1098593	1104786	0.49	cps
Terbium	159-1	7283489	7415179	6954391	7217686	3.29	cps
Terbium	159-2	1816935	1807842	1802389	1809056	0.41	cps
Thallium	203-1	333	467	458	419	17.81	cps
Thallium	205-1	1192	1000	1142	1111	8.95	cps
Tin	118-1	31606	32290	31246	31714	1.67	cps
Titanium	47-1	45634	44856	45977	45489	1.26	cps
Uranium	238-1	53098	52755	51474	52442	1.63	cps
Vanadium	51-2	4324	4261	4087	4224	2.90	cps
Yttrium	89-1	7019285	7003709	6617585	6880193	3.31	cps
Yttrium	89-2	245432	246000	247728	246386	0.49	cps
Zinc	66-2	13270	13343	13300	13304	0.28	cps
Zirconium	90-1	19356	18956	20200	19504	3.25	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-10	Instrumnet Name :	P8
Client Sample ID :	MW-5	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:11:58	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4443	4009	4443	4298	5.82	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-11	Instrumnet Name :	P8
Client Sample ID :	MW-3-OLDWELL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:15:05	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12231	11522	12856	12203	5.47	cps
Antimony	121-1	18956	19265	19131	19117	0.81	cps
Arsenic	75-2	850	707	737	765	9.84	cps
Barium	135-1	225626	230864	224448	226979	1.50	cps
Barium	137-1	393797	398862	399141	397267	0.76	cps
Beryllium	9-1	361	322	356	346	6.07	cps
Bismuth	209-1	3831003	3784731	3910964	3842233	1.66	cps
Bismuth	209-2	1304260	1250049	1309365	1287891	2.55	cps
Boron	10-1	46995	48826	49219	48346	2.46	cps
Boron	11-1	215943	219740	222999	219561	1.61	cps
Cadmium	111-1	2433	2254	2311	2333	3.91	cps
Cadmium	106-1	1784	1475	1383	1547	13.54	cps
Cadmium	108-1	100	113	100	104	6.93	cps
Calcium	43-1	4566229	4606146	4557474	4576616	0.57	cps
Calcium	44-1	74382052	74588839	73869089	74279993	0.50	cps
Chromium	52-2	4981	5074	5304	5120	3.25	cps
Cobalt	59-2	7956	7702	8123	7927	2.67	cps
Copper	63-2	23881	23293	23664	23613	1.26	cps
Dysprosium	156-1	6252	6018	5777	6016	3.95	cps
Dysprosium	156-2	1850	1830	1820	1833	0.83	cps
Erbium	164-1	5943	5535	5785	5754	3.58	cps
Erbium	164-2	1340	1397	1550	1429	7.60	cps
Gadolinium	160-1	6469	6268	6385	6374	1.58	cps
Gadolinium	160-2	2204	2194	2150	2182	1.30	cps
Holmium	165-1	6769915	6901260	6922126	6864434	1.20	cps
Holmium	165-2	1856632	1773254	1840208	1823365	2.42	cps
Indium	115-1	6310769	6160884	6304497	6258717	1.35	cps
Indium	115-2	326717	311199	321574	319830	2.47	cps
Iron	56-2	3162493	3109152	3180665	3150770	1.18	cps
Iron	57-2	77280	76454	78124	77286	1.08	cps
Lead	206-1	94118	91450	93654	93074	1.53	cps
Lead	207-1	78330	78352	79230	78637	0.65	cps
Lead	208-1	365424	363652	368200	365759	0.63	cps
Lithium	6-1	1510957	1518213	1541394	1523521	1.04	cps
Magnesium	24-2	1986932	1975891	1956591	1973138	0.78	cps
Manganese	55-2	289987	288566	293484	290679	0.87	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-11	Instrumnet Name :	P8
Client Sample ID :	MW-3-OLDWELL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:15:05	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14942	15743	14917	15201	3.09	cps
Molybdenum	95-1	11656	10713	11589	11319	4.65	cps
Molybdenum	96-1	13941	13624	14050	13872	1.59	cps
Molybdenum	97-1	7394	7694	7661	7583	2.17	cps
Molybdenum	98-1	19857	19014	18697	19189	3.12	cps
Neodymium	150-1	9197	9130	9097	9141	0.56	cps
Neodymium	150-2	1523	1510	1513	1516	0.46	cps
Nickel	60-2	4047	4227	3857	4044	4.58	cps
Phosphorus	31-2	92	58	108	86	29.56	cps
Potassium	39-2	103746	102329	101717	102597	1.01	cps
Rhodium	103-1	5860169	5878049	5831349	5856522	0.40	cps
Rhodium	103-2	1744703	1654607	1741989	1713766	2.99	cps
Scandium	45-1	4049532	4107321	4072582	4076479	0.71	cps
Scandium	45-2	35411	33183	36127	34907	4.40	cps
Selenium	77-2	3	17	13	11	62.48	cps
Selenium	78-2	11	6	11	9	34.60	cps
Selenium	82-1	100	178	169	149	28.55	cps
Silicon	28-1	40870191	40526795	40400662	40599216	0.60	cps
Silver	109-1	1842	1942	1992	1925	3.97	cps
Silver	107-1	2234	1992	2192	2139	6.04	cps
Sodium	23-2	4556218	4446075	4501027	4501107	1.22	cps
Strontium	86-1	2678181	2648598	2622793	2649857	1.05	cps
Strontium	88-1	22526644	22495710	22372993	22465116	0.36	cps
Sulfur	34-1	2253859	2255287	2239991	2249713	0.38	cps
Terbium	159-1	7283172	7191338	7256171	7243560	0.65	cps
Terbium	159-2	1836072	1738710	1819846	1798210	2.90	cps
Thallium	203-1	617	533	567	572	7.33	cps
Thallium	205-1	1142	1233	1342	1239	8.08	cps
Tin	118-1	17971	18480	18439	18297	1.54	cps
Titanium	47-1	36692	34627	36602	35974	3.24	cps
Uranium	238-1	100648	99547	101806	100667	1.12	cps
Vanadium	51-2	3737	3694	3584	3672	2.15	cps
Yttrium	89-1	7043536	7010532	7001379	7018482	0.32	cps
Yttrium	89-2	248823	235463	247010	243765	2.97	cps
Zinc	66-2	29959	29635	30063	29886	0.75	cps
Zirconium	90-1	24949	25397	23454	24600	4.13	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4432-11	Instrumnet Name :	P8
Client Sample ID :	MW-3-OLDWELL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:15:05	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5176	5376	5201	5251	2.08	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BL	Instrumnet Name :	P8
Client Sample ID :	PB101046BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:18:10	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	8	22	78.07	cps
Antimony	121-1	483	567	417	489	15.37	cps
Arsenic	75-2	6	6	9	7	31.45	cps
Barium	135-1	67	25	33	42	52.91	cps
Barium	137-1	58	83	100	81	26.03	cps
Beryllium	9-1	61	106	100	89	27.25	cps
Bismuth	209-1	3497176	3590017	3508346	3531846	1.44	cps
Bismuth	209-2	1417039	1411688	1428197	1418975	0.59	cps
Boron	10-1	2909	2942	3059	2970	2.65	cps
Boron	11-1	13907	12806	13232	13315	4.17	cps
Cadmium	111-1	1093	1027	1010	1043	4.20	cps
Cadmium	106-1	1559	1475	1433	1489	4.28	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	4126	3809	3992	3976	4.00	cps
Calcium	44-1	62130	60180	61519	61277	1.63	cps
Chromium	52-2	1177	1277	1213	1222	4.14	cps
Cobalt	59-2	20	17	20	19	10.18	cps
Copper	63-2	683	573	587	614	9.77	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	0	7	20	9	114.55	cps
Gadolinium	160-1	25	67	67	53	45.58	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	6396416	6450558	6185102	6344025	2.21	cps
Holmium	165-2	2042380	2040150	2033392	2038641	0.23	cps
Indium	115-1	6375879	6438445	6204887	6339737	1.91	cps
Indium	115-2	384903	388679	391325	388302	0.83	cps
Iron	56-2	3095	3217	3095	3136	2.25	cps
Iron	57-2	117	50	89	85	39.31	cps
Lead	206-1	289	344	289	307	10.43	cps
Lead	207-1	250	306	328	294	13.61	cps
Lead	208-1	1117	1217	1233	1189	5.31	cps
Lithium	6-1	1238785	1243037	1197664	1226495	2.04	cps
Magnesium	24-2	133	175	167	158	13.93	cps
Manganese	55-2	67	60	63	63	5.27	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BL	Instrumnet Name :	P8
Client Sample ID :	PB101046BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:18:10	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	175	175	181	5.33	cps
Molybdenum	95-1	50	25	17	31	56.77	cps
Molybdenum	96-1	192	125	192	169	22.71	cps
Molybdenum	97-1	150	208	175	178	16.46	cps
Molybdenum	98-1	33	50	33	39	24.75	cps
Neodymium	150-1	33	13	0	16	107.86	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	117	90	102	13.18	cps
Phosphorus	31-2	33	0	8	14	124.92	cps
Potassium	39-2	4226	4192	4042	4154	2.35	cps
Rhodium	103-1	6117507	6226636	6088727	6144290	1.18	cps
Rhodium	103-2	2013026	2033612	2045489	2030709	0.81	cps
Scandium	45-1	4274331	4361425	4264675	4300144	1.24	cps
Scandium	45-2	43430	42541	42374	42782	1.33	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	13	4	7	66.14	cps
Selenium	82-1	2	-138	-176	-104	-90.06	cps
Silicon	28-1	539084	509160	503369	517204	3.71	cps
Silver	109-1	392	342	308	347	12.08	cps
Silver	107-1	392	375	325	364	9.53	cps
Sodium	23-2	6001	5943	5651	5865	3.20	cps
Strontium	86-1	1325	1442	1317	1361	5.14	cps
Strontium	88-1	317	375	267	319	16.97	cps
Sulfur	34-1	438038	439544	442469	440017	0.51	cps
Terbium	159-1	6788933	6882124	6676678	6782578	1.52	cps
Terbium	159-2	1993759	2018753	1993232	2001914	0.73	cps
Thallium	203-1	150	67	108	108	38.46	cps
Thallium	205-1	158	133	167	153	11.36	cps
Tin	118-1	608	617	675	633	5.74	cps
Titanium	47-1	167	158	142	156	8.19	cps
Uranium	238-1	58	33	58	50	28.88	cps
Vanadium	51-2	30	13	10	18	60.28	cps
Yttrium	89-1	7040758	7243401	6997734	7093964	1.85	cps
Yttrium	89-2	287296	288259	290747	288767	0.62	cps
Zinc	66-2	93	100	97	97	3.44	cps
Zirconium	90-1	408	400	408	406	1.19	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BL	Instrumnet Name :	P8
Client Sample ID :	PB101046BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:18:10	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	75	92	100	30.05	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BS	Instrumnet Name :	P8
Client Sample ID :	PB101046BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:21:19	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81199	80847	81065	81037	0.22	cps
Antimony	121-1	4877971	4963805	4949961	4930579	0.93	cps
Arsenic	75-2	76382	77048	76033	76488	0.67	cps
Barium	135-1	4877124	4932536	5033568	4947742	1.60	cps
Barium	137-1	8299962	8486853	8494669	8427161	1.31	cps
Beryllium	9-1	835423	833843	831935	833734	0.21	cps
Bismuth	209-1	3786169	3841496	3818301	3815322	0.73	cps
Bismuth	209-2	1475425	1478378	1475292	1476365	0.12	cps
Boron	10-1	93311	94853	94006	94057	0.82	cps
Boron	11-1	426098	439977	441983	436019	1.98	cps
Cadmium	111-1	1092772	1101116	1103302	1099064	0.51	cps
Cadmium	106-1	111762	115518	114038	113773	1.66	cps
Cadmium	108-1	77111	77597	78376	77695	0.82	cps
Calcium	43-1	1281691	1277167	1256751	1271870	1.04	cps
Calcium	44-1	20705866	20657511	20524324	20629234	0.46	cps
Chromium	52-2	611119	611492	608878	610496	0.23	cps
Cobalt	59-2	1253514	1261088	1253200	1255934	0.36	cps
Copper	63-2	2218169	2193417	2221534	2211040	0.69	cps
Dysprosium	156-1	58	117	75	83	36.05	cps
Dysprosium	156-2	13	7	23	14	58.06	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	0	10	20	10	100.00	cps
Gadolinium	160-1	42	50	58	50	16.67	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	6805837	6676152	6771609	6751199	1.00	cps
Holmium	165-2	2112425	2095099	2103317	2103614	0.41	cps
Indium	115-1	6484480	6436884	6446280	6455881	0.39	cps
Indium	115-2	378897	382611	383131	381546	0.61	cps
Iron	56-2	20825700	20887280	20774455	20829145	0.27	cps
Iron	57-2	520081	524004	521321	521802	0.38	cps
Lead	206-1	2315641	2365507	2375109	2352086	1.36	cps
Lead	207-1	2105075	2179301	2152756	2145711	1.75	cps
Lead	208-1	9499783	9670382	9680251	9616805	1.06	cps
Lithium	6-1	1209374	1202532	1202983	1204963	0.32	cps
Magnesium	24-2	2140223	2125635	2103708	2123189	0.87	cps
Manganese	55-2	354037	357753	352020	354603	0.82	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BS	Instrumnet Name :	P8
Client Sample ID :	PB101046BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:21:19	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4058744	4072728	4005085	4045519	0.88	cps
Molybdenum	95-1	2284888	2305016	2270515	2286807	0.76	cps
Molybdenum	96-1	2899109	2929654	2887015	2905260	0.76	cps
Molybdenum	97-1	1383389	1413645	1388790	1395275	1.16	cps
Molybdenum	98-1	3617932	3675675	3632616	3642074	0.82	cps
Neodymium	150-1	160	160	207	176	15.35	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	366375	366323	366238	366312	0.02	cps
Phosphorus	31-2	6193	6702	6368	6421	4.02	cps
Potassium	39-2	668362	674930	668547	670613	0.56	cps
Rhodium	103-1	6157806	6170112	6146296	6158071	0.19	cps
Rhodium	103-2	1947982	2001492	1974466	1974647	1.35	cps
Scandium	45-1	4418952	4405354	4365732	4396679	0.63	cps
Scandium	45-2	43076	41689	41752	42172	1.86	cps
Selenium	77-2	597	513	583	564	7.93	cps
Selenium	78-2	1984	1995	1965	1981	0.76	cps
Selenium	82-1	73311	73580	73405	73432	0.19	cps
Silicon	28-1	2769165	2786225	2793983	2783125	0.46	cps
Silver	109-1	5207544	5275896	5298564	5260668	0.90	cps
Silver	107-1	5483109	5552456	5512321	5515962	0.63	cps
Sodium	23-2	5124932	5106730	5043957	5091873	0.83	cps
Strontium	86-1	1470108	1467414	1455033	1464185	0.55	cps
Strontium	88-1	12460505	12431478	12453371	12448451	0.12	cps
Sulfur	34-1	823701	827140	821173	824005	0.36	cps
Terbium	159-1	7169439	7177016	7147113	7164523	0.22	cps
Terbium	159-2	2043632	2078195	2061220	2061016	0.84	cps
Thallium	203-1	2910426	2911785	2995755	2939322	1.66	cps
Thallium	205-1	6782219	6810013	6910604	6834279	0.99	cps
Tin	118-1	3466019	3488305	3504172	3486165	0.55	cps
Titanium	47-1	650262	655062	647666	650997	0.58	cps
Uranium	238-1	8302516	8305829	8470977	8359774	1.15	cps
Vanadium	51-2	447151	450331	446393	447958	0.47	cps
Yttrium	89-1	7311670	7348797	7317460	7325976	0.27	cps
Yttrium	89-2	288418	293484	292772	291558	0.94	cps
Zinc	66-2	208397	207881	208826	208368	0.23	cps
Zirconium	90-1	7590891	7642937	7607671	7613833	0.35	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101046BS	Instrumnet Name :	P8
Client Sample ID :	PB101046BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:21:19	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1698808	1725965	1712493	1712422	0.79	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:24:19	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	383	350	381	7.69	cps
Antimony	121-1	25400	22169	19331	22300	13.62	cps
Arsenic	75-2	6663	6804	6704	6723	1.08	cps
Barium	135-1	867873	865370	870515	867919	0.30	cps
Barium	137-1	1488042	1536487	1526960	1517163	1.69	cps
Beryllium	9-1	178	278	211	222	22.91	cps
Bismuth	209-1	3892153	3818740	3831847	3847580	1.02	cps
Bismuth	209-2	1350560	1300421	1324623	1325201	1.89	cps
Boron	10-1	38603	40082	39455	39380	1.89	cps
Boron	11-1	183019	185685	186867	185190	1.06	cps
Cadmium	111-1	1320	1468	1337	1375	5.89	cps
Cadmium	106-1	1442	1634	1475	1517	6.75	cps
Cadmium	108-1	50	54	29	44	30.13	cps
Calcium	43-1	2416114	2388787	2429882	2411594	0.87	cps
Calcium	44-1	38780623	38937978	39185155	38967919	0.52	cps
Chromium	52-2	2787	2714	2734	2745	1.38	cps
Cobalt	59-2	1017	980	1007	1001	1.89	cps
Copper	63-2	6255	6602	6795	6551	4.18	cps
Dysprosium	156-1	83	133	83	100	28.87	cps
Dysprosium	156-2	33	17	20	23	37.78	cps
Erbium	164-1	167	50	92	103	57.53	cps
Erbium	164-2	27	3	30	20	72.66	cps
Gadolinium	160-1	150	117	175	147	19.88	cps
Gadolinium	160-2	33	27	33	31	12.36	cps
Holmium	165-1	6799505	6850183	6851910	6833866	0.44	cps
Holmium	165-2	1886463	1842015	1861214	1863230	1.20	cps
Indium	115-1	6343082	6425283	6390160	6386175	0.65	cps
Indium	115-2	339864	327378	332847	333363	1.88	cps
Iron	56-2	6912917	6811184	6913683	6879261	0.86	cps
Iron	57-2	170378	170784	171137	170766	0.22	cps
Lead	206-1	2106	2050	2056	2071	1.48	cps
Lead	207-1	1734	1750	1522	1669	7.61	cps
Lead	208-1	7985	8123	7534	7881	3.91	cps
Lithium	6-1	1408945	1417360	1450593	1425633	1.54	cps
Magnesium	24-2	476814	475014	477858	476562	0.30	cps
Manganese	55-2	59406	59670	59265	59447	0.35	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:24:19	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7161	7027	6944	7044	1.55	cps
Molybdenum	95-1	6177	6577	6627	6460	3.82	cps
Molybdenum	96-1	7678	8044	7703	7808	2.63	cps
Molybdenum	97-1	4509	4709	4434	4551	3.12	cps
Molybdenum	98-1	10863	10871	10880	10871	0.08	cps
Neodymium	150-1	140	160	160	153	7.53	cps
Neodymium	150-2	23	7	27	19	56.72	cps
Nickel	60-2	36515	35906	35856	36092	1.02	cps
Phosphorus	31-2	67	17	25	36	74.18	cps
Potassium	39-2	31620	31987	31152	31586	1.32	cps
Rhodium	103-1	5919392	5969092	5971460	5953315	0.49	cps
Rhodium	103-2	1810106	1730921	1776998	1772675	2.24	cps
Scandium	45-1	4114493	4142519	4171316	4142776	0.69	cps
Scandium	45-2	37052	35458	36364	36291	2.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	7	4	89.21	cps
Selenium	82-1	52	-11	-77	-12	-525.22	cps
Silicon	28-1	43859207	44757489	44263504	44293400	1.02	cps
Silver	109-1	2234	1992	2042	2089	6.11	cps
Silver	107-1	2275	2459	2275	2336	4.53	cps
Sodium	23-2	5901506	5808083	5840214	5849934	0.81	cps
Strontium	86-1	1490268	1521142	1494964	1502124	1.11	cps
Strontium	88-1	12593359	12925242	12802159	12773587	1.31	cps
Sulfur	34-1	396902	399731	397575	398069	0.37	cps
Terbium	159-1	7083584	7212635	7283785	7193335	1.41	cps
Terbium	159-2	1866115	1787188	1825497	1826267	2.16	cps
Thallium	203-1	525	392	275	397	31.49	cps
Thallium	205-1	967	817	683	822	17.24	cps
Tin	118-1	14025	13966	13649	13880	1.45	cps
Titanium	47-1	1458	1567	1283	1436	9.96	cps
Uranium	238-1	267	208	208	228	14.79	cps
Vanadium	51-2	1763	1783	1627	1725	4.94	cps
Yttrium	89-1	6924962	7025192	6919172	6956442	0.86	cps
Yttrium	89-2	252144	241093	247905	247047	2.26	cps
Zinc	66-2	2984	3017	2840	2947	3.19	cps
Zirconium	90-1	8019	7694	7369	7694	4.23	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:24:19	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1767	1850	1759	1792	2.83	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718DL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:27:24	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	300	383	356	13.53	cps
Antimony	121-1	13958	13758	13849	13855	0.72	cps
Arsenic	75-2	6985	6867	6967	6939	0.92	cps
Barium	135-1	898428	908936	898493	901952	0.67	cps
Barium	137-1	1610043	1622818	1611763	1614875	0.43	cps
Beryllium	9-1	150	161	167	159	5.33	cps
Bismuth	209-1	3832513	3823553	3803732	3819933	0.39	cps
Bismuth	209-2	1333500	1318560	1327177	1326413	0.57	cps
Boron	10-1	39096	39455	41327	39959	3.00	cps
Boron	11-1	184791	188303	190135	187743	1.45	cps
Cadmium	111-1	1212	1142	1321	1225	7.34	cps
Cadmium	106-1	1392	1300	1559	1417	9.25	cps
Cadmium	108-1	29	38	29	32	15.05	cps
Calcium	43-1	2489640	2531077	2495830	2505516	0.89	cps
Calcium	44-1	40260392	40562938	40242470	40355267	0.45	cps
Chromium	52-2	2140	2067	2190	2132	2.91	cps
Cobalt	59-2	983	1073	1033	1030	4.38	cps
Copper	63-2	7092	7309	7339	7246	1.86	cps
Dysprosium	156-1	117	133	92	114	18.41	cps
Dysprosium	156-2	23	27	20	23	14.29	cps
Erbium	164-1	83	100	158	114	34.58	cps
Erbium	164-2	23	13	27	21	32.88	cps
Gadolinium	160-1	158	117	117	131	18.43	cps
Gadolinium	160-2	33	40	57	43	27.74	cps
Holmium	165-1	6778649	6813243	6868072	6819988	0.66	cps
Holmium	165-2	1893612	1864352	1875619	1877861	0.79	cps
Indium	115-1	6390963	6389703	6411055	6397240	0.19	cps
Indium	115-2	335262	333960	334207	334476	0.21	cps
Iron	56-2	7177361	7075637	7077446	7110148	0.82	cps
Iron	57-2	176340	176446	176358	176381	0.03	cps
Lead	206-1	1745	1922	1711	1793	6.33	cps
Lead	207-1	1428	1617	1400	1482	7.96	cps
Lead	208-1	6862	7051	6718	6877	2.43	cps
Lithium	6-1	1420611	1454965	1462470	1446016	1.54	cps
Magnesium	24-2	496286	490100	497875	494754	0.83	cps
Manganese	55-2	61053	61203	61009	61089	0.17	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718DL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:27:24	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5360	5335	5168	5287	1.97	cps
Molybdenum	95-1	6660	6544	6802	6669	1.94	cps
Molybdenum	96-1	7628	7527	7844	7666	2.11	cps
Molybdenum	97-1	4701	4184	4726	4537	6.74	cps
Molybdenum	98-1	11914	11630	11722	11756	1.23	cps
Neodymium	150-1	187	193	207	196	5.21	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Nickel	60-2	37524	37447	37765	37579	0.44	cps
Phosphorus	31-2	0	50	33	28	91.65	cps
Potassium	39-2	31686	31904	32346	31979	1.05	cps
Rhodium	103-1	5965534	5972452	6046298	5994762	0.75	cps
Rhodium	103-2	1796939	1790141	1795964	1794348	0.20	cps
Scandium	45-1	4104380	4177174	4125920	4135825	0.90	cps
Scandium	45-2	36494	36057	37213	36588	1.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	4	6	6	33.38	cps
Selenium	82-1	-13	-79	-45	-46	-71.69	cps
Silicon	28-1	45598284	46071925	45894722	45854977	0.52	cps
Silver	109-1	1492	1650	1550	1564	5.12	cps
Silver	107-1	1784	1584	1634	1667	6.25	cps
Sodium	23-2	6061273	5945109	6089718	6032033	1.27	cps
Strontium	86-1	1552724	1548334	1563666	1554908	0.51	cps
Strontium	88-1	13115755	13304291	13297454	13239167	0.81	cps
Sulfur	34-1	399808	401502	399779	400363	0.25	cps
Terbium	159-1	7127393	7236243	7378498	7247378	1.74	cps
Terbium	159-2	1826369	1803416	1813943	1814576	0.63	cps
Thallium	203-1	158	117	108	128	20.96	cps
Thallium	205-1	267	308	258	278	9.64	cps
Tin	118-1	12548	13140	12698	12796	2.41	cps
Titanium	47-1	1383	1442	1784	1536	14.07	cps
Uranium	238-1	208	158	192	186	13.68	cps
Vanadium	51-2	1847	1890	1850	1862	1.30	cps
Yttrium	89-1	6979887	7053838	7047522	7027082	0.58	cps
Yttrium	89-2	249563	248258	249291	249037	0.28	cps
Zinc	66-2	2050	2074	2047	2057	0.71	cps
Zirconium	90-1	4759	4051	4593	4468	8.29	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718DL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:27:24	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	967	958	1083	1003	6.97	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 17:30:30	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	142	75	111	30.31	cps
Antimony	121-1	4076	3659	3984	3906	5.61	cps
Arsenic	75-2	1445	1498	1413	1452	2.97	cps
Barium	135-1	175686	173930	173902	174506	0.59	cps
Barium	137-1	302726	299796	302441	301654	0.54	cps
Beryllium	9-1	128	133	83	115	23.87	cps
Bismuth	209-1	3815520	3819192	3852025	3828912	0.52	cps
Bismuth	209-2	1440007	1456004	1399905	1431972	2.02	cps
Boron	10-1	9987	10012	10388	10129	2.21	cps
Boron	11-1	47337	47948	47948	47744	0.74	cps
Cadmium	111-1	1088	1075	1055	1073	1.53	cps
Cadmium	106-1	1475	1467	1425	1456	1.84	cps
Cadmium	108-1	17	8	25	17	50.01	cps
Calcium	43-1	495585	500075	504063	499908	0.85	cps
Calcium	44-1	8246509	8252283	8234783	8244525	0.11	cps
Chromium	52-2	1350	1427	1230	1336	7.42	cps
Cobalt	59-2	253	203	233	230	10.94	cps
Copper	63-2	1780	1853	1777	1803	2.40	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	58	67	53	32.88	cps
Erbium	164-2	3	20	13	12	68.66	cps
Gadolinium	160-1	42	33	133	69	79.90	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	6685163	6689824	6624478	6666489	0.55	cps
Holmium	165-2	2046919	2040387	1935191	2007499	3.12	cps
Indium	115-1	6457296	6535752	6445691	6479580	0.76	cps
Indium	115-2	373493	377662	356778	369311	2.99	cps
Iron	56-2	1562191	1548962	1480115	1530423	2.88	cps
Iron	57-2	37451	37752	37161	37455	0.79	cps
Lead	206-1	528	594	517	546	7.70	cps
Lead	207-1	528	522	506	519	2.23	cps
Lead	208-1	2300	2172	2156	2209	3.58	cps
Lithium	6-1	1267060	1256174	1276075	1266437	0.79	cps
Magnesium	24-2	104037	105615	103014	104222	1.26	cps
Manganese	55-2	12956	12909	12669	12845	1.20	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 17:30:30	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1225	1050	1183	1153	7.93	cps
Molybdenum	95-1	1383	1342	1383	1370	1.76	cps
Molybdenum	96-1	1709	1625	1750	1695	3.76	cps
Molybdenum	97-1	1025	1117	950	1031	8.10	cps
Molybdenum	98-1	2192	2067	2359	2206	6.64	cps
Neodymium	150-1	80	47	53	60	29.39	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	7612	7969	7616	7732	2.65	cps
Phosphorus	31-2	33	17	42	31	41.66	cps
Potassium	39-2	9495	9821	9237	9518	3.07	cps
Rhodium	103-1	6180411	6266408	6264319	6237046	0.79	cps
Rhodium	103-2	1951173	1972344	1870491	1931336	2.78	cps
Scandium	45-1	4217305	4352423	4306951	4292226	1.60	cps
Scandium	45-2	39880	40973	39359	40071	2.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-160	-37	-197	-131	-63.74	cps
Silicon	28-1	9879508	9814434	9741730	9811890	0.70	cps
Silver	109-1	525	775	550	617	22.33	cps
Silver	107-1	650	808	650	703	13.01	cps
Sodium	23-2	1285883	1292786	1256600	1278423	1.50	cps
Strontium	86-1	305435	304180	300978	303531	0.76	cps
Strontium	88-1	2674568	2680723	2640077	2665122	0.82	cps
Sulfur	34-1	418741	418578	424096	420472	0.75	cps
Terbium	159-1	7087187	7174180	7194908	7152092	0.80	cps
Terbium	159-2	2019508	1994996	1912595	1975700	2.83	cps
Thallium	203-1	50	142	100	97	47.21	cps
Thallium	205-1	192	208	142	181	19.21	cps
Tin	118-1	1709	1709	1659	1692	1.71	cps
Titanium	47-1	492	392	375	419	15.04	cps
Uranium	238-1	42	17	58	39	53.93	cps
Vanadium	51-2	377	427	347	383	10.54	cps
Yttrium	89-1	7222649	7267018	7280811	7256826	0.42	cps
Yttrium	89-2	278227	278179	266836	274414	2.39	cps
Zinc	66-2	573	460	523	519	10.95	cps
Zirconium	90-1	825	858	1200	961	21.60	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718L	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 17:30:30	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	300	242	253	16.92	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:33:37	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422120	421685	418436	420747	0.48	cps
Antimony	121-1	4759468	4705997	4832452	4765972	1.33	cps
Arsenic	75-2	75324	75899	75797	75673	0.41	cps
Barium	135-1	4886118	4905224	4923414	4904918	0.38	cps
Barium	137-1	8357784	8371124	8512457	8413788	1.02	cps
Beryllium	9-1	833226	839191	838258	836892	0.38	cps
Bismuth	209-1	3677203	3582151	3604954	3621436	1.37	cps
Bismuth	209-2	1435486	1423361	1420097	1426314	0.57	cps
Boron	10-1	95165	97656	97841	96887	1.54	cps
Boron	11-1	443635	454102	459271	452336	1.76	cps
Cadmium	111-1	1071394	1071769	1078500	1073887	0.37	cps
Cadmium	106-1	111062	112137	113357	112186	1.02	cps
Cadmium	108-1	75317	75225	75452	75332	0.15	cps
Calcium	43-1	6261806	6227545	6229417	6239589	0.31	cps
Calcium	44-1	103647048	102529656	102164123	102780276	0.75	cps
Chromium	52-2	631446	627564	625852	628287	0.46	cps
Cobalt	59-2	1237126	1236135	1218375	1230545	0.86	cps
Copper	63-2	2138766	2142965	2141437	2141056	0.10	cps
Dysprosium	156-1	125	125	117	122	3.94	cps
Dysprosium	156-2	17	27	10	18	47.19	cps
Erbium	164-1	42	58	83	61	34.32	cps
Erbium	164-2	3	27	20	17	72.13	cps
Gadolinium	160-1	83	142	92	106	29.89	cps
Gadolinium	160-2	30	40	23	31	26.97	cps
Holmium	165-1	6671271	6752059	6647193	6690174	0.82	cps
Holmium	165-2	2092847	2083428	2065764	2080680	0.66	cps
Indium	115-1	6357502	6297050	6262334	6305628	0.76	cps
Indium	115-2	375239	376408	374771	375473	0.22	cps
Iron	56-2	100931463	99745991	99190005	99955820	0.89	cps
Iron	57-2	2550496	2561649	2528443	2546863	0.66	cps
Lead	206-1	2328294	2336772	2368938	2344668	0.91	cps
Lead	207-1	2109804	2123959	2131696	2121820	0.52	cps
Lead	208-1	9478206	9413372	9583870	9491816	0.91	cps
Lithium	6-1	1138510	1169176	1137050	1148245	1.58	cps
Magnesium	24-2	10427640	10423445	10369931	10407005	0.31	cps
Manganese	55-2	358255	357316	353484	356352	0.71	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:33:37	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4052069	4036961	4061577	4050203	0.31	cps
Molybdenum	95-1	2311243	2308062	2310501	2309936	0.07	cps
Molybdenum	96-1	2943384	2955632	2924507	2941174	0.53	cps
Molybdenum	97-1	1424244	1410971	1420596	1418604	0.48	cps
Molybdenum	98-1	3688293	3695553	3669283	3684376	0.37	cps
Neodymium	150-1	193	240	193	209	12.90	cps
Neodymium	150-2	23	7	13	14	58.06	cps
Nickel	60-2	361764	359831	356362	359319	0.76	cps
Phosphorus	31-2	6427	6468	6377	6424	0.71	cps
Potassium	39-2	3367663	3399121	3325951	3364245	1.09	cps
Rhodium	103-1	5892485	5976878	5911709	5927024	0.75	cps
Rhodium	103-2	1885318	1900579	1872909	1886269	0.73	cps
Scandium	45-1	4374955	4341953	4292421	4336443	0.96	cps
Scandium	45-2	42859	42936	42742	42845	0.23	cps
Selenium	77-2	573	537	570	560	3.62	cps
Selenium	78-2	2004	1893	1967	1954	2.90	cps
Selenium	82-1	72216	72132	73287	72545	0.89	cps
Silicon	28-1	2884281	2956119	2921005	2920468	1.23	cps
Silver	109-1	4982156	5046616	5068415	5032396	0.89	cps
Silver	107-1	5319551	5365895	5348698	5344715	0.44	cps
Sodium	23-2	25215540	25198617	25092602	25168920	0.26	cps
Strontium	86-1	1516037	1527284	1500445	1514588	0.89	cps
Strontium	88-1	12868996	12859373	12771779	12833383	0.42	cps
Sulfur	34-1	831637	831673	823916	829075	0.54	cps
Terbium	159-1	7117549	7129956	7085621	7111042	0.32	cps
Terbium	159-2	2050846	2046382	2022977	2040069	0.73	cps
Thallium	203-1	2860677	2922102	2937339	2906706	1.40	cps
Thallium	205-1	6709140	6766545	6816172	6763952	0.79	cps
Tin	118-1	3469851	3430515	3487386	3462584	0.84	cps
Titanium	47-1	655285	648378	653061	652242	0.54	cps
Uranium	238-1	8322807	8292624	8462867	8359433	1.09	cps
Vanadium	51-2	452457	449733	446836	449675	0.63	cps
Yttrium	89-1	7278949	7293862	7111132	7227981	1.40	cps
Yttrium	89-2	291395	290594	288601	290197	0.50	cps
Zinc	66-2	200503	200773	199498	200258	0.34	cps
Zirconium	90-1	7491308	7507975	7443184	7480822	0.45	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:33:37	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1697125	1697915	1689517	1694853	0.27	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB35 Instrumnet Name : P8
 Client Sample ID : CCB35 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:36:36 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	8	22	78.07	cps
Antimony	121-1	2342	2700	2384	2475	7.92	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	25	67	58	50	44.10	cps
Barium	137-1	58	100	108	89	30.13	cps
Beryllium	9-1	200	211	194	202	4.20	cps
Bismuth	209-1	3837599	3842744	3818229	3832857	0.34	cps
Bismuth	209-2	1457365	1474753	1478126	1470081	0.76	cps
Boron	10-1	4384	3559	3792	3912	10.87	cps
Boron	11-1	18513	17295	17286	17698	3.99	cps
Cadmium	111-1	1249	1207	1133	1196	4.91	cps
Cadmium	106-1	1633	1592	1492	1572	4.63	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	3951	4142	3634	3909	6.57	cps
Calcium	44-1	62122	61435	62122	61893	0.64	cps
Chromium	52-2	1217	1097	1243	1186	6.59	cps
Cobalt	59-2	40	37	10	29	56.92	cps
Copper	63-2	400	440	457	432	6.74	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	92	33	67	64	45.81	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	6820449	6725480	6784649	6776859	0.71	cps
Holmium	165-2	2041020	2039464	2061098	2047194	0.59	cps
Indium	115-1	6538879	6574643	6504777	6539433	0.53	cps
Indium	115-2	387636	388305	387179	387707	0.15	cps
Iron	56-2	3301	3639	2950	3297	10.45	cps
Iron	57-2	122	150	139	137	10.20	cps
Lead	206-1	400	522	344	422	21.54	cps
Lead	207-1	294	306	406	335	18.26	cps
Lead	208-1	1528	1622	1645	1598	3.88	cps
Lithium	6-1	1210659	1198559	1200478	1203232	0.54	cps
Magnesium	24-2	200	83	117	133	45.07	cps
Manganese	55-2	73	60	70	68	10.24	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:36:36	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	717	683	508	636	17.59	cps
Molybdenum	95-1	108	125	100	111	11.46	cps
Molybdenum	96-1	408	358	367	378	7.09	cps
Molybdenum	97-1	267	267	217	250	11.55	cps
Molybdenum	98-1	217	242	183	214	13.68	cps
Neodymium	150-1	40	7	13	20	88.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	77	80	78	2.47	cps
Phosphorus	31-2	33	17	8	19	65.48	cps
Potassium	39-2	3901	4201	4226	4109	4.40	cps
Rhodium	103-1	6237349	6315652	6313035	6288679	0.71	cps
Rhodium	103-2	2039836	1989635	1997587	2009019	1.34	cps
Scandium	45-1	4402658	4424191	4456455	4427768	0.61	cps
Scandium	45-2	41401	41705	41779	41628	0.48	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	11	0	0	4	173.21	cps
Selenium	82-1	-97	18	-4	-28	-218.71	cps
Silicon	28-1	525785	526015	514472	522091	1.26	cps
Silver	109-1	558	525	308	464	29.26	cps
Silver	107-1	442	483	500	475	6.33	cps
Sodium	23-2	7436	7052	7336	7274	2.74	cps
Strontium	86-1	1375	1417	1258	1350	6.08	cps
Strontium	88-1	250	275	308	278	10.53	cps
Sulfur	34-1	435186	436067	435998	435750	0.11	cps
Terbium	159-1	7122707	7031311	7142066	7098694	0.83	cps
Terbium	159-2	2024290	1992776	2040093	2019053	1.19	cps
Thallium	203-1	208	300	292	267	19.01	cps
Thallium	205-1	842	583	675	700	18.71	cps
Tin	118-1	1442	1317	1208	1322	8.83	cps
Titanium	47-1	167	225	258	217	21.41	cps
Uranium	238-1	117	75	100	97	21.57	cps
Vanadium	51-2	17	20	7	14	48.02	cps
Yttrium	89-1	7446717	7355649	7221684	7341350	1.54	cps
Yttrium	89-2	286164	286236	287872	286757	0.34	cps
Zinc	66-2	53	33	103	63	56.94	cps
Zirconium	90-1	2034	1475	1517	1675	18.57	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:36:36	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	350	367	353	3.61	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-02	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:39:45	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70301	69512	69212	69675	0.81	cps
Antimony	121-1	4843546	4905902	4925467	4891638	0.87	cps
Arsenic	75-2	76132	75763	76527	76141	0.50	cps
Barium	135-1	5456811	5482367	5578151	5505776	1.16	cps
Barium	137-1	9322574	9507972	9522763	9451103	1.18	cps
Beryllium	9-1	804202	807066	811083	807450	0.43	cps
Bismuth	209-1	3666353	3766848	3805954	3746385	1.92	cps
Bismuth	209-2	1295206	1322589	1310857	1309551	1.05	cps
Boron	10-1	121106	126100	126799	124668	2.49	cps
Boron	11-1	557328	574332	581346	571002	2.16	cps
Cadmium	111-1	1046674	1062509	1072793	1060658	1.24	cps
Cadmium	106-1	109039	110518	111971	110510	1.33	cps
Cadmium	108-1	73068	74127	75229	74141	1.46	cps
Calcium	43-1	3597930	3652884	3665491	3638769	0.99	cps
Calcium	44-1	58604249	58994010	58843458	58813905	0.33	cps
Chromium	52-2	577723	582266	575749	578580	0.58	cps
Cobalt	59-2	1177364	1165276	1169829	1170823	0.52	cps
Copper	63-2	2003696	1999567	2010899	2004721	0.29	cps
Dysprosium	156-1	167	133	167	156	12.37	cps
Dysprosium	156-2	43	40	40	41	4.68	cps
Erbium	164-1	4084	3826	3909	3940	3.35	cps
Erbium	164-2	903	1030	1047	993	7.89	cps
Gadolinium	160-1	417	450	458	442	4.99	cps
Gadolinium	160-2	127	87	93	102	20.96	cps
Holmium	165-1	6595066	6869456	6868360	6777627	2.33	cps
Holmium	165-2	1840677	1871708	1878906	1863763	1.09	cps
Indium	115-1	6023536	6213288	6244650	6160491	1.94	cps
Indium	115-2	326238	322901	324930	324689	0.52	cps
Iron	56-2	25127519	25110801	24924502	25054274	0.45	cps
Iron	57-2	622153	619640	624196	621997	0.37	cps
Lead	206-1	2386763	2428082	2449991	2421612	1.33	cps
Lead	207-1	2161739	2151267	2227956	2180321	1.91	cps
Lead	208-1	9692525	9805472	9926605	9808201	1.19	cps
Lithium	6-1	1342615	1378520	1393621	1371586	1.91	cps
Magnesium	24-2	2447368	2449455	2387567	2428130	1.45	cps
Manganese	55-2	359960	362768	359009	360579	0.54	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-02 Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:39:45 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3953328	4022507	3970721	3982185	0.90	cps
Molybdenum	95-1	2117297	2160584	2138528	2138803	1.01	cps
Molybdenum	96-1	2754348	2735839	2748852	2746347	0.35	cps
Molybdenum	97-1	1271483	1293126	1292498	1285702	0.96	cps
Molybdenum	98-1	3400739	3399999	3432836	3411191	0.55	cps
Neodymium	150-1	280	227	293	267	13.23	cps
Neodymium	150-2	27	23	47	32	39.17	cps
Nickel	60-2	378379	379671	379968	379340	0.22	cps
Phosphorus	31-2	25	33	17	25	33.32	cps
Potassium	39-2	598945	599872	597953	598924	0.16	cps
Rhodium	103-1	5725311	5849383	5952773	5842489	1.95	cps
Rhodium	103-2	1755925	1750369	1752314	1752869	0.16	cps
Scandium	45-1	4102701	4167331	4144477	4138170	0.79	cps
Scandium	45-2	37510	36571	36605	36895	1.44	cps
Selenium	77-2	513	550	443	502	10.79	cps
Selenium	78-2	1763	1626	1802	1730	5.34	cps
Selenium	82-1	70193	70478	71830	70834	1.23	cps
Silicon	28-1	46742536	46670699	47100590	46837942	0.49	cps
Silver	109-1	4735187	4808247	4865402	4802945	1.36	cps
Silver	107-1	4930941	5020555	5129788	5027095	1.98	cps
Sodium	23-2	10698228	10846697	10703360	10749429	0.78	cps
Strontium	86-1	1508913	1524466	1526623	1520001	0.64	cps
Strontium	88-1	12768113	13144574	13090027	13000905	1.56	cps
Sulfur	34-1	410406	410581	413161	411383	0.37	cps
Terbium	159-1	7002777	7137511	7230483	7123590	1.61	cps
Terbium	159-2	1840987	1840327	1851276	1844197	0.33	cps
Thallium	203-1	3023276	3122459	3130844	3092193	1.93	cps
Thallium	205-1	7048738	7256338	7300053	7201710	1.86	cps
Tin	118-1	3056795	3138254	3169872	3121640	1.87	cps
Titanium	47-1	580227	593505	588120	587284	1.14	cps
Uranium	238-1	8473462	8583694	8711159	8589438	1.38	cps
Vanadium	51-2	416245	412962	411483	413563	0.59	cps
Yttrium	89-1	6805705	7106649	7081940	6998098	2.39	cps
Yttrium	89-2	250265	248991	249822	249693	0.26	cps
Zinc	66-2	177830	178394	177577	177934	0.24	cps
Zirconium	90-1	7627256	7771437	7786228	7728307	1.14	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-02	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:39:45	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1710875	1765653	1736967	1737831	1.58	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-03 Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:42:44 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69203	69211	70710	69708	1.24	cps
Antimony	121-1	4917387	4958221	4986162	4953923	0.70	cps
Arsenic	75-2	75577	76171	76283	76010	0.50	cps
Barium	135-1	5689412	5655053	5716362	5686942	0.54	cps
Barium	137-1	9677223	9768615	9936480	9794106	1.34	cps
Beryllium	9-1	801364	804309	802000	802558	0.19	cps
Bismuth	209-1	3774833	3798931	3806430	3793398	0.44	cps
Bismuth	209-2	1306941	1274061	1306604	1295869	1.46	cps
Boron	10-1	125192	128649	132810	128884	2.96	cps
Boron	11-1	583099	589810	600254	591054	1.46	cps
Cadmium	111-1	1065557	1073945	1071712	1070405	0.41	cps
Cadmium	106-1	110768	110324	111149	110747	0.37	cps
Cadmium	108-1	75330	75548	74911	75263	0.43	cps
Calcium	43-1	3601832	3663787	3607788	3624469	0.94	cps
Calcium	44-1	59490776	59678843	59471166	59546928	0.19	cps
Chromium	52-2	571449	569310	576701	572487	0.66	cps
Cobalt	59-2	1165899	1176030	1176502	1172810	0.51	cps
Copper	63-2	2057339	2034235	2018015	2036529	0.97	cps
Dysprosium	156-1	258	225	150	211	26.28	cps
Dysprosium	156-2	40	37	33	37	9.10	cps
Erbium	164-1	3509	3976	3576	3687	6.85	cps
Erbium	164-2	1027	973	1010	1003	2.72	cps
Gadolinium	160-1	467	467	467	467	0.00	cps
Gadolinium	160-2	140	93	113	116	20.26	cps
Holmium	165-1	6715019	6949126	6880814	6848320	1.76	cps
Holmium	165-2	1855829	1817731	1852205	1841922	1.14	cps
Indium	115-1	6146603	6204017	6197604	6182741	0.51	cps
Indium	115-2	317090	313829	321412	317444	1.20	cps
Iron	56-2	25362662	25128505	25332795	25274654	0.50	cps
Iron	57-2	626337	626386	624818	625847	0.14	cps
Lead	206-1	2440143	2498221	2439694	2459353	1.37	cps
Lead	207-1	2209880	2226258	2231493	2222544	0.51	cps
Lead	208-1	9862262	10015498	10016789	9964850	0.89	cps
Lithium	6-1	1392789	1429343	1439600	1420577	1.73	cps
Magnesium	24-2	2429134	2440593	2458626	2442784	0.61	cps
Manganese	55-2	360654	363216	363488	362453	0.43	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-03 Instrumnet Name : P8
 Client Sample ID : SS037MW036-170718M Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:42:44 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4057073	4035598	4102597	4065089	0.84	cps
Molybdenum	95-1	2185040	2186550	2175053	2182214	0.29	cps
Molybdenum	96-1	2783606	2775227	2803295	2787376	0.52	cps
Molybdenum	97-1	1308568	1308195	1309490	1308751	0.05	cps
Molybdenum	98-1	3417060	3450463	3476606	3448043	0.87	cps
Neodymium	150-1	280	367	420	356	19.87	cps
Neodymium	150-2	37	33	23	31	22.31	cps
Nickel	60-2	378549	379377	378042	378656	0.18	cps
Phosphorus	31-2	67	8	50	42	72.12	cps
Potassium	39-2	596514	602409	604713	601212	0.70	cps
Rhodium	103-1	5847936	5903984	5894957	5882292	0.51	cps
Rhodium	103-2	1757117	1712404	1732438	1733986	1.29	cps
Scandium	45-1	4074116	4178047	4152768	4134977	1.31	cps
Scandium	45-2	36437	36401	36618	36485	0.32	cps
Selenium	77-2	427	510	477	471	8.90	cps
Selenium	78-2	1624	1724	1633	1661	3.33	cps
Selenium	82-1	70020	71008	70957	70662	0.79	cps
Silicon	28-1	47075039	47249621	47134989	47153216	0.19	cps
Silver	109-1	4863771	4858498	4821674	4847981	0.47	cps
Silver	107-1	5134763	5050546	5149093	5111467	1.04	cps
Sodium	23-2	10823472	10729506	10865485	10806154	0.64	cps
Strontium	86-1	1565588	1568235	1563324	1565716	0.16	cps
Strontium	88-1	13199358	13330028	13357544	13295643	0.64	cps
Sulfur	34-1	401681	396489	399351	399174	0.65	cps
Terbium	159-1	7126758	7290968	7303462	7240396	1.36	cps
Terbium	159-2	1812600	1770280	1837587	1806822	1.88	cps
Thallium	203-1	3081914	3139803	3117505	3113074	0.94	cps
Thallium	205-1	7157307	7285774	7298656	7247246	1.08	cps
Tin	118-1	3156275	3195177	3205819	3185757	0.82	cps
Titanium	47-1	587944	593623	597227	592931	0.79	cps
Uranium	238-1	8589803	8891007	8852726	8777845	1.87	cps
Vanadium	51-2	408978	410440	411702	410374	0.33	cps
Yttrium	89-1	6924543	7095937	6990726	7003735	1.23	cps
Yttrium	89-2	246981	240484	246280	244582	1.46	cps
Zinc	66-2	177414	177097	177985	177499	0.25	cps
Zirconium	90-1	7681112	7675663	7660722	7672499	0.14	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-03	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718M	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:42:44	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1732566	1752043	1748554	1744387	0.60	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:45:44	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69580	69538	68692	69270	0.72	cps
Antimony	121-1	5028836	5024299	5083788	5045641	0.66	cps
Arsenic	75-2	76132	76162	76244	76179	0.08	cps
Barium	135-1	5681333	5741514	5771029	5731292	0.80	cps
Barium	137-1	9815186	9821179	9920921	9852429	0.60	cps
Beryllium	9-1	818550	819939	815270	817919	0.29	cps
Bismuth	209-1	3863931	3561177	3804029	3743046	4.28	cps
Bismuth	209-2	1305581	1314167	1318433	1312727	0.50	cps
Boron	10-1	128168	132195	131462	130608	1.64	cps
Boron	11-1	593023	598973	605251	599082	1.02	cps
Cadmium	111-1	1080068	1090324	1084377	1084923	0.47	cps
Cadmium	106-1	112138	111592	113433	112388	0.84	cps
Cadmium	108-1	75338	75519	76847	75901	1.09	cps
Calcium	43-1	3642559	3615900	3662667	3640375	0.64	cps
Calcium	44-1	59748431	59769458	60492249	60003379	0.71	cps
Chromium	52-2	573961	573734	578061	575252	0.42	cps
Cobalt	59-2	1173823	1175758	1175019	1174867	0.08	cps
Copper	63-2	2027407	2066287	2023430	2039042	1.16	cps
Dysprosium	156-1	183	183	158	175	8.25	cps
Dysprosium	156-2	43	37	37	39	9.89	cps
Erbium	164-1	3709	4009	4018	3912	4.49	cps
Erbium	164-2	943	913	997	951	4.44	cps
Gadolinium	160-1	517	575	533	542	5.55	cps
Gadolinium	160-2	130	90	110	110	18.18	cps
Holmium	165-1	6938986	6523044	6920842	6794291	3.46	cps
Holmium	165-2	1884841	1865269	1873631	1874581	0.52	cps
Indium	115-1	6287623	5876742	6215898	6126754	3.58	cps
Indium	115-2	322598	319594	322383	321525	0.52	cps
Iron	56-2	25155290	25059653	24953880	25056274	0.40	cps
Iron	57-2	621939	620074	622169	621394	0.18	cps
Lead	206-1	2448887	2517852	2454295	2473678	1.55	cps
Lead	207-1	2226270	2246595	2237492	2236786	0.46	cps
Lead	208-1	10039902	10169434	10076778	10095372	0.66	cps
Lithium	6-1	1447130	1371788	1421881	1413600	2.71	cps
Magnesium	24-2	2442887	2456061	2429204	2442717	0.55	cps
Manganese	55-2	360048	359486	359583	359706	0.08	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:45:44	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4102568	4108139	4053644	4088117	0.73	cps
Molybdenum	95-1	2170792	2179333	2183073	2177733	0.29	cps
Molybdenum	96-1	2759553	2811742	2810677	2793991	1.07	cps
Molybdenum	97-1	1290461	1320555	1317661	1309559	1.27	cps
Molybdenum	98-1	3404101	3486389	3485970	3458820	1.37	cps
Neodymium	150-1	293	300	233	276	13.32	cps
Neodymium	150-2	10	23	33	22	52.68	cps
Nickel	60-2	379477	380456	380737	380223	0.17	cps
Phosphorus	31-2	50	50	50	50	0.00	cps
Potassium	39-2	600638	601704	596327	599556	0.47	cps
Rhodium	103-1	5855433	5563163	5950839	5789812	3.49	cps
Rhodium	103-2	1743011	1762205	1775066	1760094	0.92	cps
Scandium	45-1	4141612	3945373	4167577	4084854	2.97	cps
Scandium	45-2	36721	36641	36604	36656	0.16	cps
Selenium	77-2	480	517	473	490	4.76	cps
Selenium	78-2	1635	1667	1730	1677	2.87	cps
Selenium	82-1	71154	71916	71091	71387	0.64	cps
Silicon	28-1	47138302	47106356	47198839	47147832	0.10	cps
Silver	109-1	4813205	4923969	4969371	4902181	1.64	cps
Silver	107-1	5119363	5208966	5211281	5179870	1.01	cps
Sodium	23-2	10777982	10882905	10731986	10797624	0.72	cps
Strontium	86-1	1533456	1573604	1543418	1550159	1.35	cps
Strontium	88-1	13309132	13297692	13288810	13298544	0.08	cps
Sulfur	34-1	398194	396968	392778	395980	0.72	cps
Terbium	159-1	7317389	6873386	7339781	7176852	3.67	cps
Terbium	159-2	1856759	1814592	1818481	1829944	1.27	cps
Thallium	203-1	3137801	3228774	3151878	3172817	1.54	cps
Thallium	205-1	7274559	7422700	7417948	7371736	1.14	cps
Tin	118-1	3204573	3237659	3213790	3218674	0.53	cps
Titanium	47-1	592072	596999	599316	596129	0.62	cps
Uranium	238-1	8948603	8779578	8882610	8870264	0.96	cps
Vanadium	51-2	415245	412106	413281	413544	0.38	cps
Yttrium	89-1	7025611	6524666	7115109	6888462	4.62	cps
Yttrium	89-2	247109	245836	246756	246567	0.27	cps
Zinc	66-2	178178	178771	178401	178450	0.17	cps
Zirconium	90-1	7895693	7828998	7908749	7877813	0.54	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-01A	Instrumnet Name :	P8
Client Sample ID :	SS037MW036-170718A	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:45:44	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1761566	1772538	1766298	1766800	0.31	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:48:42	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	142	200	158	22.94	cps
Antimony	121-1	15326	14492	14859	14892	2.81	cps
Arsenic	75-2	4197	4321	4138	4219	2.22	cps
Barium	135-1	651408	651736	652520	651888	0.09	cps
Barium	137-1	1125429	1130824	1128727	1128327	0.24	cps
Beryllium	9-1	433	356	328	372	14.70	cps
Bismuth	209-1	3941491	3720563	3933090	3865048	3.24	cps
Bismuth	209-2	1348593	1339475	1348421	1345497	0.39	cps
Boron	10-1	42288	42673	43324	42762	1.22	cps
Boron	11-1	198461	201510	203220	201064	1.20	cps
Cadmium	111-1	1108	1355	1233	1232	10.01	cps
Cadmium	106-1	1183	1575	1375	1378	14.22	cps
Cadmium	108-1	29	21	13	21	40.01	cps
Calcium	43-1	2437376	2373232	2408286	2406298	1.33	cps
Calcium	44-1	39014208	39025815	38773675	38937899	0.37	cps
Chromium	52-2	7239	7105	7055	7133	1.33	cps
Cobalt	59-2	2670	2717	2554	2647	3.18	cps
Copper	63-2	7435	7642	7772	7617	2.23	cps
Dysprosium	156-1	50	50	33	44	21.66	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	100	25	67	64	58.82	cps
Erbium	164-2	23	17	3	14	70.51	cps
Gadolinium	160-1	100	108	117	108	7.69	cps
Gadolinium	160-2	10	17	20	16	32.73	cps
Holmium	165-1	6961657	6672654	6922448	6852253	2.29	cps
Holmium	165-2	1895874	1864933	1903163	1887990	1.08	cps
Indium	115-1	6429503	6193154	6457527	6360061	2.28	cps
Indium	115-2	335495	334203	334465	334721	0.20	cps
Iron	56-2	6886161	6859854	6806552	6850856	0.59	cps
Iron	57-2	167004	169316	170124	168815	0.96	cps
Lead	206-1	2895	2723	2745	2787	3.36	cps
Lead	207-1	2595	2295	2539	2476	6.45	cps
Lead	208-1	11352	10874	11136	11121	2.15	cps
Lithium	6-1	1428421	1404224	1447604	1426750	1.52	cps
Magnesium	24-2	433027	436154	433583	434255	0.38	cps
Manganese	55-2	204822	203945	204599	204455	0.22	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:48:42	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3534	3843	3767	3715	4.33	cps
Molybdenum	95-1	3776	3892	3709	3792	2.45	cps
Molybdenum	96-1	4534	4601	4526	4554	0.90	cps
Molybdenum	97-1	2375	2717	2750	2614	7.94	cps
Molybdenum	98-1	6894	6485	7244	6874	5.52	cps
Neodymium	150-1	60	67	73	67	10.00	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	12703	12462	12886	12684	1.68	cps
Phosphorus	31-2	42	50	42	44	10.82	cps
Potassium	39-2	40585	39999	40066	40217	0.80	cps
Rhodium	103-1	5961325	5829435	6097610	5962790	2.25	cps
Rhodium	103-2	1813468	1799808	1799889	1804389	0.44	cps
Scandium	45-1	4153666	4007714	4171689	4111023	2.19	cps
Scandium	45-2	36454	36554	36929	36646	0.68	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	4	107	79	63	83.57	cps
Silicon	28-1	37086527	37022046	37162605	37090392	0.19	cps
Silver	109-1	2050	1992	2150	2064	3.88	cps
Silver	107-1	2259	2400	2175	2278	4.99	cps
Sodium	23-2	4649634	4642441	4671276	4654450	0.32	cps
Strontium	86-1	1621444	1601717	1618986	1614049	0.67	cps
Strontium	88-1	13723028	13786664	13729213	13746302	0.26	cps
Sulfur	34-1	599038	590035	591920	593665	0.80	cps
Terbium	159-1	7361428	7051929	7401624	7271660	2.63	cps
Terbium	159-2	1852235	1852512	1858374	1854374	0.19	cps
Thallium	203-1	633	500	367	500	26.67	cps
Thallium	205-1	1042	1258	1092	1131	10.04	cps
Tin	118-1	27872	28164	27905	27980	0.57	cps
Titanium	47-1	942	908	867	906	4.15	cps
Uranium	238-1	10163	9646	10029	9946	2.70	cps
Vanadium	51-2	1710	1710	1793	1738	2.77	cps
Yttrium	89-1	7042775	6773462	7138347	6984861	2.71	cps
Yttrium	89-2	251673	248130	250598	250134	0.73	cps
Zinc	66-2	2697	2677	2580	2651	2.35	cps
Zirconium	90-1	3342	3442	3242	3342	2.99	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-04	Instrumnet Name :	P8
Client Sample ID :	SS038RW151-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:48:42	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	767	758	858	795	6.98	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-05 Instrumnet Name : P8
 Client Sample ID : SS037MW266-170718 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 17:51:49 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	50	31	68.64	cps
Antimony	121-1	14242	14250	14125	14205	0.49	cps
Arsenic	75-2	2911	2832	2939	2894	1.93	cps
Barium	135-1	554712	554490	557204	555469	0.27	cps
Barium	137-1	965018	959123	966682	963607	0.41	cps
Beryllium	9-1	267	244	289	267	8.33	cps
Bismuth	209-1	3857764	3871929	3788724	3839472	1.16	cps
Bismuth	209-2	1335099	1344334	1337164	1338866	0.36	cps
Boron	10-1	41235	43275	43124	42544	2.67	cps
Boron	11-1	196991	198775	204707	200158	2.02	cps
Cadmium	111-1	965	974	1005	981	2.16	cps
Cadmium	106-1	1292	1283	1300	1292	0.64	cps
Cadmium	108-1	21	29	25	25	16.68	cps
Calcium	43-1	2311619	2307024	2302622	2307088	0.20	cps
Calcium	44-1	37142324	37362301	37413855	37306160	0.39	cps
Chromium	52-2	1480	1587	1573	1547	3.76	cps
Cobalt	59-2	1367	1430	1533	1443	5.83	cps
Copper	63-2	6462	6061	6628	6384	4.56	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	83	67	25	58	51.51	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	75	50	42	56	31.22	cps
Gadolinium	160-2	10	20	17	16	32.73	cps
Holmium	165-1	6809501	6843530	6814073	6822368	0.27	cps
Holmium	165-2	1875014	1869950	1848660	1864541	0.75	cps
Indium	115-1	6378129	6410706	6246152	6344996	1.37	cps
Indium	115-2	332996	334276	331583	332951	0.40	cps
Iron	56-2	1064823	1053210	1046238	1054757	0.89	cps
Iron	57-2	26353	26854	26348	26518	1.10	cps
Lead	206-1	1222	1289	1189	1233	4.13	cps
Lead	207-1	1050	1111	1022	1061	4.29	cps
Lead	208-1	4745	4928	4673	4782	2.76	cps
Lithium	6-1	1438430	1427829	1434562	1433607	0.37	cps
Magnesium	24-2	460303	459337	459599	459746	0.11	cps
Manganese	55-2	196258	195507	193638	195134	0.69	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:51:49	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3992	4167	3742	3967	5.39	cps
Molybdenum	95-1	4976	5260	5435	5223	4.43	cps
Molybdenum	96-1	5985	6110	5860	5985	2.09	cps
Molybdenum	97-1	3817	3509	3584	3637	4.42	cps
Molybdenum	98-1	8745	9245	9604	9198	4.69	cps
Neodymium	150-1	73	53	27	51	45.81	cps
Neodymium	150-2	3	7	17	9	78.08	cps
Nickel	60-2	1510	1433	1473	1472	2.61	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	43761	43351	44388	43833	1.19	cps
Rhodium	103-1	6034788	5964893	5908514	5969398	1.06	cps
Rhodium	103-2	1778974	1813660	1785193	1792609	1.03	cps
Scandium	45-1	4175893	4144952	4127870	4149572	0.59	cps
Scandium	45-2	36588	36434	36120	36380	0.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	9	4	5	78.12	cps
Selenium	82-1	-64	9	115	20	452.10	cps
Silicon	28-1	38747655	38583799	38882393	38737949	0.39	cps
Silver	109-1	1542	1859	1692	1697	9.33	cps
Silver	107-1	1867	1900	1892	1886	0.92	cps
Sodium	23-2	3480111	3484375	3448362	3470949	0.57	cps
Strontium	86-1	1604489	1585403	1596952	1595614	0.60	cps
Strontium	88-1	13763891	13546683	13720894	13677156	0.84	cps
Sulfur	34-1	532094	523963	526943	527667	0.78	cps
Terbium	159-1	7255962	7263375	7120583	7213307	1.11	cps
Terbium	159-2	1824804	1826780	1839448	1830344	0.43	cps
Thallium	203-1	350	342	325	339	3.76	cps
Thallium	205-1	750	592	592	644	14.19	cps
Tin	118-1	20408	22319	21176	21301	4.52	cps
Titanium	47-1	858	767	817	814	5.64	cps
Uranium	238-1	13750	13650	14217	13872	2.18	cps
Vanadium	51-2	2024	2084	1897	2001	4.76	cps
Yttrium	89-1	6931327	6927730	6906501	6921852	0.19	cps
Yttrium	89-2	247467	249751	245861	247693	0.79	cps
Zinc	66-2	420	357	457	411	12.31	cps
Zirconium	90-1	1759	1984	2192	1978	10.96	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-05	Instrumnet Name :	P8
Client Sample ID :	SS037MW266-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:51:49	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	458	433	558	483	13.68	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-06	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:54:55	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	175	217	222	22.60	cps
Antimony	121-1	12940	13057	13691	13229	3.05	cps
Arsenic	75-2	14853	14936	14641	14810	1.03	cps
Barium	135-1	257665	257801	254798	256755	0.66	cps
Barium	137-1	442392	448646	444291	445109	0.72	cps
Beryllium	9-1	233	206	261	233	11.91	cps
Bismuth	209-1	3958924	3928777	3917381	3935027	0.55	cps
Bismuth	209-2	1341019	1325290	1332389	1332899	0.59	cps
Boron	10-1	34434	33899	35228	34520	1.94	cps
Boron	11-1	157506	159722	161700	159643	1.31	cps
Cadmium	111-1	1259	1213	1096	1190	7.06	cps
Cadmium	106-1	1550	1467	1317	1445	8.19	cps
Cadmium	108-1	25	38	13	25	50.00	cps
Calcium	43-1	1856384	1897909	1871668	1875320	1.12	cps
Calcium	44-1	30250687	30190936	30570599	30337407	0.67	cps
Chromium	52-2	2934	2757	2770	2820	3.49	cps
Cobalt	59-2	767	737	787	763	3.30	cps
Copper	63-2	7385	7555	7319	7420	1.65	cps
Dysprosium	156-1	108	75	92	92	18.18	cps
Dysprosium	156-2	23	30	23	26	15.07	cps
Erbium	164-1	92	117	67	92	27.27	cps
Erbium	164-2	33	20	30	28	24.98	cps
Gadolinium	160-1	150	75	167	131	37.40	cps
Gadolinium	160-2	23	40	27	30	29.40	cps
Holmium	165-1	6853603	6945661	6955713	6918326	0.81	cps
Holmium	165-2	1888818	1842753	1844094	1858555	1.41	cps
Indium	115-1	6396345	6503511	6427002	6442286	0.86	cps
Indium	115-2	333607	326603	326180	328797	1.27	cps
Iron	56-2	4917311	4933962	4933636	4928303	0.19	cps
Iron	57-2	122421	121503	122024	121983	0.38	cps
Lead	206-1	4329	4356	4395	4360	0.77	cps
Lead	207-1	3678	3545	3473	3565	2.93	cps
Lead	208-1	16827	16899	16849	16859	0.22	cps
Lithium	6-1	1452831	1465796	1472853	1463827	0.69	cps
Magnesium	24-2	418697	421106	420173	419992	0.29	cps
Manganese	55-2	80326	79535	81674	80512	1.34	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-06	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:54:55	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10430	9862	10404	10232	3.13	cps
Molybdenum	95-1	16277	16227	16060	16188	0.70	cps
Molybdenum	96-1	17670	17370	18063	17701	1.96	cps
Molybdenum	97-1	10396	10513	10046	10318	2.35	cps
Molybdenum	98-1	26669	27496	27145	27103	1.53	cps
Neodymium	150-1	113	140	87	113	23.53	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	9060	9063	9053	9059	0.06	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	25257	24105	24772	24711	2.34	cps
Rhodium	103-1	5982514	6103298	6022183	6035998	1.02	cps
Rhodium	103-2	1825348	1787927	1787647	1800308	1.20	cps
Scandium	45-1	4135941	4175241	4177903	4163028	0.56	cps
Scandium	45-2	35929	36123	36127	36060	0.31	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	6	6	4	5	21.74	cps
Selenium	82-1	-39	-134	26	-49	-163.66	cps
Silicon	28-1	37348498	37202629	37330263	37293797	0.21	cps
Silver	109-1	1742	1492	1534	1589	8.43	cps
Silver	107-1	1675	1750	1850	1759	4.99	cps
Sodium	23-2	1863452	1875733	1862165	1867117	0.40	cps
Strontium	86-1	1280099	1269870	1276690	1275553	0.41	cps
Strontium	88-1	11098739	11093177	11096012	11095976	0.03	cps
Sulfur	34-1	451090	447172	447225	448496	0.50	cps
Terbium	159-1	7284355	7253324	7254714	7264131	0.24	cps
Terbium	159-2	1833556	1809776	1827490	1823607	0.68	cps
Thallium	203-1	158	192	142	164	15.54	cps
Thallium	205-1	250	317	325	297	13.83	cps
Tin	118-1	18280	19098	18622	18666	2.20	cps
Titanium	47-1	1333	1175	1350	1286	7.51	cps
Uranium	238-1	867	842	992	900	8.93	cps
Vanadium	51-2	197	193	160	183	11.06	cps
Yttrium	89-1	7064765	7045661	7051177	7053868	0.14	cps
Yttrium	89-2	247965	241907	245254	245042	1.24	cps
Zinc	66-2	2230	2514	2460	2401	6.27	cps
Zirconium	90-1	2050	2150	1925	2042	5.52	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-06	Instrumnet Name :	P8
Client Sample ID :	ST008MW037-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:54:55	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	567	475	442	494	13.09	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-07	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:58:02	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	475	550	492	10.59	cps
Antimony	121-1	13282	13265	13224	13257	0.23	cps
Arsenic	75-2	17704	18066	17761	17844	1.09	cps
Barium	135-1	512936	513531	515051	513839	0.21	cps
Barium	137-1	889735	894569	893127	892477	0.28	cps
Beryllium	9-1	267	228	200	231	14.47	cps
Bismuth	209-1	3915836	3870942	3745030	3843936	2.30	cps
Bismuth	209-2	1331313	1326345	1316516	1324725	0.57	cps
Boron	10-1	45933	46376	47622	46644	1.88	cps
Boron	11-1	215157	216274	221218	217550	1.48	cps
Cadmium	111-1	983	990	1005	993	1.12	cps
Cadmium	106-1	1267	1267	1350	1295	3.72	cps
Cadmium	108-1	17	25	33	25	33.32	cps
Calcium	43-1	2802598	2799833	2800710	2801047	0.05	cps
Calcium	44-1	45783008	45549260	45600376	45644215	0.27	cps
Chromium	52-2	2290	2280	2267	2279	0.51	cps
Cobalt	59-2	4894	5194	4981	5023	3.07	cps
Copper	63-2	13587	13240	13373	13400	1.31	cps
Dysprosium	156-1	175	142	183	167	13.23	cps
Dysprosium	156-2	50	57	47	51	9.96	cps
Erbium	164-1	250	292	292	278	8.66	cps
Erbium	164-2	37	67	43	49	32.22	cps
Gadolinium	160-1	242	283	283	269	8.93	cps
Gadolinium	160-2	83	80	97	87	10.18	cps
Holmium	165-1	6831154	6941244	6743745	6838714	1.45	cps
Holmium	165-2	1892978	1856141	1864814	1871311	1.03	cps
Indium	115-1	6463419	6367702	6220400	6350507	1.93	cps
Indium	115-2	326191	329996	330361	328849	0.70	cps
Iron	56-2	20627008	20745200	20829317	20733842	0.49	cps
Iron	57-2	506487	513211	512660	510786	0.73	cps
Lead	206-1	5090	5568	5585	5414	5.19	cps
Lead	207-1	4295	4412	4406	4371	1.51	cps
Lead	208-1	20324	20501	20640	20489	0.77	cps
Lithium	6-1	1414868	1419502	1387832	1407401	1.22	cps
Magnesium	24-2	497819	493350	497079	496083	0.48	cps
Manganese	55-2	226181	229409	227718	227770	0.71	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-07	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:58:02	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5410	5085	5602	5365	4.87	cps
Molybdenum	95-1	6919	7060	6685	6888	2.75	cps
Molybdenum	96-1	7911	7869	8320	8033	3.10	cps
Molybdenum	97-1	4743	4359	4451	4518	4.43	cps
Molybdenum	98-1	11355	11372	11472	11400	0.55	cps
Neodymium	150-1	207	267	253	242	13.01	cps
Neodymium	150-2	30	47	43	40	22.05	cps
Nickel	60-2	28195	28269	28022	28162	0.45	cps
Phosphorus	31-2	100	83	75	86	14.79	cps
Potassium	39-2	47866	47782	46938	47529	1.08	cps
Rhodium	103-1	5914005	5909661	5724132	5849266	1.85	cps
Rhodium	103-2	1787344	1780876	1775161	1781127	0.34	cps
Scandium	45-1	4134932	4119037	4046294	4100088	1.15	cps
Scandium	45-2	36010	35936	36631	36192	1.06	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	4	4	6	69.34	cps
Selenium	82-1	15	-12	68	24	170.67	cps
Silicon	28-1	41437097	41662755	41866684	41655512	0.52	cps
Silver	109-1	1592	1625	1442	1553	6.29	cps
Silver	107-1	1809	1550	1767	1709	8.12	cps
Sodium	23-2	5574380	5603215	5564918	5580838	0.36	cps
Strontium	86-1	1860720	1838478	1872158	1857119	0.92	cps
Strontium	88-1	15973474	15892262	16034542	15966759	0.45	cps
Sulfur	34-1	998986	1001994	1003144	1001375	0.21	cps
Terbium	159-1	7293125	7300998	7036238	7210121	2.09	cps
Terbium	159-2	1838961	1825163	1821077	1828400	0.51	cps
Thallium	203-1	208	208	75	164	46.97	cps
Thallium	205-1	358	350	433	381	12.06	cps
Tin	118-1	16127	16160	16177	16155	0.16	cps
Titanium	47-1	2577	2084	1942	2201	15.15	cps
Uranium	238-1	11322	11364	12098	11595	3.76	cps
Vanadium	51-2	2107	1984	2087	2059	3.22	cps
Yttrium	89-1	6984341	7037063	6747827	6923077	2.23	cps
Yttrium	89-2	246924	246139	246088	246383	0.19	cps
Zinc	66-2	2764	2977	2887	2876	3.73	cps
Zirconium	90-1	3934	4051	4393	4126	5.77	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-07	Instrumnet Name :	P8
Client Sample ID :	SS038RW082-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 17:58:02	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1217	967	1042	1075	11.93	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-08	Instrumnet Name :	P8
Client Sample ID :	SS038MW013-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:01:07	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	125	117	125	6.67	cps
Antimony	121-1	10588	10905	10822	10772	1.52	cps
Arsenic	75-2	11257	10973	11004	11078	1.40	cps
Barium	135-1	443064	450935	442597	445532	1.05	cps
Barium	137-1	767456	778364	776093	773971	0.74	cps
Beryllium	9-1	200	239	128	189	29.85	cps
Bismuth	209-1	3901897	3839642	3886937	3876159	0.84	cps
Bismuth	209-2	1284214	1307739	1332927	1308293	1.86	cps
Boron	10-1	39530	40408	40984	40307	1.82	cps
Boron	11-1	186369	190752	190702	189274	1.33	cps
Cadmium	111-1	1018	1073	1068	1053	2.87	cps
Cadmium	106-1	1408	1425	1450	1428	1.47	cps
Cadmium	108-1	25	29	38	31	20.83	cps
Calcium	43-1	2910510	2911512	2891554	2904525	0.39	cps
Calcium	44-1	47103598	47001181	47577489	47227423	0.65	cps
Chromium	52-2	2024	2040	1917	1994	3.36	cps
Cobalt	59-2	1317	1317	1197	1277	5.43	cps
Copper	63-2	6508	6565	6502	6525	0.53	cps
Dysprosium	156-1	33	50	0	28	91.65	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	27	27	13	22	34.66	cps
Gadolinium	160-1	50	92	92	78	30.93	cps
Gadolinium	160-2	10	23	10	14	53.28	cps
Holmium	165-1	6935045	6901946	6887013	6908001	0.36	cps
Holmium	165-2	1785296	1840147	1850938	1825460	1.93	cps
Indium	115-1	6394702	6389741	6444847	6409763	0.48	cps
Indium	115-2	323595	326203	329054	326284	0.84	cps
Iron	56-2	6328373	6281626	6316832	6308944	0.39	cps
Iron	57-2	157288	155557	157519	156788	0.68	cps
Lead	206-1	1556	1422	1583	1521	5.67	cps
Lead	207-1	1422	1311	1256	1330	6.38	cps
Lead	208-1	6451	6045	6129	6208	3.45	cps
Lithium	6-1	1398332	1391288	1406248	1398623	0.54	cps
Magnesium	24-2	448842	450603	447521	448989	0.34	cps
Manganese	55-2	158982	159495	158120	158866	0.44	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-08	Instrumnet Name :	P8
Client Sample ID :	SS038MW013-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:01:07	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5485	6035	6027	5849	5.39	cps
Molybdenum	95-1	8320	8645	8845	8603	3.08	cps
Molybdenum	96-1	9420	9645	10021	9695	3.13	cps
Molybdenum	97-1	5760	5752	5510	5674	2.50	cps
Molybdenum	98-1	14116	14717	15109	14647	3.41	cps
Neodymium	150-1	87	73	60	73	18.18	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	28075	28262	27427	27922	1.57	cps
Phosphorus	31-2	258	267	250	258	3.23	cps
Potassium	39-2	39097	40158	38429	39228	2.22	cps
Rhodium	103-1	5951615	5941284	6005926	5966275	0.58	cps
Rhodium	103-2	1736621	1778510	1757675	1757602	1.19	cps
Scandium	45-1	4183175	4164153	4155480	4167603	0.34	cps
Scandium	45-2	34890	36187	36076	35718	2.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-106	-43	33	-39	-178.75	cps
Silicon	28-1	41831613	41870627	42099987	41934076	0.35	cps
Silver	109-1	1100	1317	1258	1225	9.15	cps
Silver	107-1	1358	1333	1333	1342	1.08	cps
Sodium	23-2	5815058	5878721	5940844	5878208	1.07	cps
Strontium	86-1	1351175	1387059	1396560	1378264	1.74	cps
Strontium	88-1	11751736	11926520	11794506	11824254	0.77	cps
Sulfur	34-1	1642266	1624149	1641903	1636106	0.63	cps
Terbium	159-1	7390412	7251703	7296979	7313031	0.97	cps
Terbium	159-2	1764200	1783938	1809924	1786021	1.28	cps
Thallium	203-1	108	142	133	128	13.58	cps
Thallium	205-1	275	183	150	203	31.92	cps
Tin	118-1	12356	13290	13157	12935	3.91	cps
Titanium	47-1	1017	883	1017	972	7.92	cps
Uranium	238-1	492	458	617	522	15.98	cps
Vanadium	51-2	1090	1067	1010	1056	3.90	cps
Yttrium	89-1	7009411	7010259	6963960	6994543	0.38	cps
Yttrium	89-2	240703	243207	243069	242326	0.58	cps
Zinc	66-2	573	617	607	599	3.79	cps
Zirconium	90-1	2442	2567	2400	2470	3.51	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-08	Instrumnet Name :	P8
Client Sample ID :	SS038MW013-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:01:07	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	567	592	600	586	2.96	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-10	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:04:13	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	8	75	44	75.78	cps
Antimony	121-1	10696	11380	11405	11161	3.60	cps
Arsenic	75-2	5620	5625	5620	5622	0.06	cps
Barium	135-1	216631	220772	219604	219002	0.98	cps
Barium	137-1	376434	384229	383004	381222	1.10	cps
Beryllium	9-1	189	178	178	181	3.53	cps
Bismuth	209-1	3887257	3794618	3921457	3867777	1.70	cps
Bismuth	209-2	1329460	1335424	1334046	1332977	0.23	cps
Boron	10-1	36247	37182	37934	37121	2.28	cps
Boron	11-1	171377	173402	176852	173877	1.59	cps
Cadmium	111-1	1059	898	1003	987	8.25	cps
Cadmium	106-1	1458	1267	1383	1370	7.05	cps
Cadmium	108-1	29	25	17	24	26.95	cps
Calcium	43-1	1323122	1343337	1333861	1333440	0.76	cps
Calcium	44-1	21389452	21533360	21555756	21492856	0.42	cps
Chromium	52-2	1880	1980	1910	1923	2.67	cps
Cobalt	59-2	177	137	193	169	17.24	cps
Copper	63-2	6478	6302	6505	6428	1.72	cps
Dysprosium	156-1	33	58	25	39	44.62	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	58	25	25	36	53.30	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	42	75	67	61	28.38	cps
Gadolinium	160-2	10	17	3	10	66.70	cps
Holmium	165-1	6908588	6605703	6915208	6809833	2.60	cps
Holmium	165-2	1865516	1863222	1849746	1859495	0.46	cps
Indium	115-1	6394678	6212686	6416203	6341189	1.76	cps
Indium	115-2	329538	326932	332782	329751	0.89	cps
Iron	56-2	941138	941798	948770	943902	0.45	cps
Iron	57-2	23020	23409	24366	23598	2.94	cps
Lead	206-1	961	1045	1045	1017	4.73	cps
Lead	207-1	972	861	856	896	7.34	cps
Lead	208-1	4017	3989	4095	4034	1.36	cps
Lithium	6-1	1402374	1363442	1402941	1389586	1.63	cps
Magnesium	24-2	244968	239271	245864	243367	1.47	cps
Manganese	55-2	374219	372050	379102	375124	0.96	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-10	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:04:13	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28322	29600	28581	28834	2.34	cps
Molybdenum	95-1	50980	50010	50804	50598	1.02	cps
Molybdenum	96-1	53716	54628	52896	53747	1.61	cps
Molybdenum	97-1	30151	30293	30794	30413	1.11	cps
Molybdenum	98-1	80288	81008	80924	80740	0.49	cps
Neodymium	150-1	47	33	40	40	16.68	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	577	593	650	607	6.34	cps
Phosphorus	31-2	58	33	67	53	32.88	cps
Potassium	39-2	34201	34284	34093	34193	0.28	cps
Rhodium	103-1	6016878	5853054	5992100	5954011	1.48	cps
Rhodium	103-2	1796066	1795678	1781006	1790916	0.48	cps
Scandium	45-1	4153149	4028102	4078185	4086479	1.54	cps
Scandium	45-2	35782	36293	36728	36268	1.31	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	4	9	6	57.80	cps
Selenium	82-1	-78	-106	-100	-95	-15.31	cps
Silicon	28-1	31940757	32165253	32211715	32105908	0.45	cps
Silver	109-1	1175	1050	1192	1139	6.80	cps
Silver	107-1	1342	1400	1333	1358	2.67	cps
Sodium	23-2	2556622	2538854	2571556	2555677	0.64	cps
Strontium	86-1	577326	576219	574251	575932	0.27	cps
Strontium	88-1	5082231	5118273	5037980	5079495	0.79	cps
Sulfur	34-1	421324	416965	416159	418149	0.66	cps
Terbium	159-1	7309002	7059298	7233483	7200594	1.78	cps
Terbium	159-2	1803921	1817584	1837192	1819566	0.92	cps
Thallium	203-1	217	208	233	219	5.80	cps
Thallium	205-1	300	400	342	347	14.47	cps
Tin	118-1	12114	12415	12615	12381	2.03	cps
Titanium	47-1	658	633	642	644	1.98	cps
Uranium	238-1	1709	1859	1825	1797	4.38	cps
Vanadium	51-2	103	103	107	104	1.84	cps
Yttrium	89-1	6975257	6743362	6968600	6895740	1.91	cps
Yttrium	89-2	243404	243827	246967	244733	0.80	cps
Zinc	66-2	953	1000	1123	1026	8.56	cps
Zirconium	90-1	1133	6883	1334	3117	104.70	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-10	Instrumnet Name :	P8
Client Sample ID :	KY036MW016-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:04:13	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	325	250	314	18.84	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:07:21	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	42	58	28.57	cps
Antimony	121-1	10997	11163	11372	11177	1.68	cps
Arsenic	75-2	5635	5555	5696	5628	1.25	cps
Barium	135-1	994376	1000135	1005489	1000000	0.56	cps
Barium	137-1	1761642	1801771	1800161	1787858	1.27	cps
Beryllium	9-1	211	206	189	202	5.73	cps
Bismuth	209-1	3860366	3829697	3875256	3855106	0.60	cps
Bismuth	209-2	1314247	1310840	1304815	1309967	0.36	cps
Boron	10-1	33097	34601	34450	34050	2.43	cps
Boron	11-1	158021	161955	166270	162082	2.55	cps
Cadmium	111-1	1177	1060	1081	1106	5.64	cps
Cadmium	106-1	1609	1433	1484	1508	5.98	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	1962470	1942337	1932044	1945617	0.80	cps
Calcium	44-1	31264408	31513965	31583129	31453834	0.53	cps
Chromium	52-2	2534	2360	2490	2461	3.67	cps
Cobalt	59-2	3420	3667	3671	3586	4.00	cps
Copper	63-2	6338	6635	6515	6496	2.30	cps
Dysprosium	156-1	58	75	50	61	20.83	cps
Dysprosium	156-2	20	3	3	9	108.30	cps
Erbium	164-1	100	58	50	69	38.57	cps
Erbium	164-2	10	20	20	17	34.64	cps
Gadolinium	160-1	100	133	92	108	20.35	cps
Gadolinium	160-2	27	10	37	24	55.11	cps
Holmium	165-1	6825630	6867208	6888230	6860356	0.46	cps
Holmium	165-2	1853754	1832505	1807005	1831088	1.28	cps
Indium	115-1	6316401	6390808	6355661	6354290	0.59	cps
Indium	115-2	327248	325602	325700	326183	0.28	cps
Iron	56-2	3234599	3219900	3186618	3213706	0.76	cps
Iron	57-2	78101	77487	79235	78274	1.13	cps
Lead	206-1	1322	1333	1333	1330	0.48	cps
Lead	207-1	1145	1161	1211	1172	2.96	cps
Lead	208-1	4989	5184	5278	5151	2.86	cps
Lithium	6-1	1407681	1433266	1403763	1414904	1.13	cps
Magnesium	24-2	444127	439669	439144	440980	0.62	cps
Manganese	55-2	524283	519152	518313	520583	0.62	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:07:21	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5693	6093	6502	6096	6.63	cps
Molybdenum	95-1	9345	9904	9562	9604	2.93	cps
Molybdenum	96-1	10088	10154	10463	10235	1.96	cps
Molybdenum	97-1	6594	6202	6302	6366	3.20	cps
Molybdenum	98-1	16302	15585	15785	15890	2.33	cps
Neodymium	150-1	73	87	60	73	18.18	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	2247	2197	2177	2207	1.63	cps
Phosphorus	31-2	0	33	33	22	86.60	cps
Potassium	39-2	49187	49338	50240	49588	1.15	cps
Rhodium	103-1	5934418	6049317	5987468	5990401	0.96	cps
Rhodium	103-2	1798811	1772603	1759525	1776980	1.13	cps
Scandium	45-1	4151191	4127099	4135161	4137817	0.30	cps
Scandium	45-2	35766	35408	36243	35806	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	2	4	5	78.12	cps
Selenium	82-1	-90	43	21	-8	-840.09	cps
Silicon	28-1	38732200	38451411	38713939	38632517	0.41	cps
Silver	109-1	1183	1092	1350	1208	10.84	cps
Silver	107-1	1000	1158	1350	1170	14.99	cps
Sodium	23-2	4146773	4123301	4063021	4111032	1.05	cps
Strontium	86-1	1621089	1632280	1616433	1623267	0.50	cps
Strontium	88-1	13867303	13749723	13873003	13830010	0.50	cps
Sulfur	34-1	392805	391675	396302	393594	0.61	cps
Terbium	159-1	7258185	7318594	7248386	7275055	0.52	cps
Terbium	159-2	1828137	1814461	1804051	1815550	0.67	cps
Thallium	203-1	58	150	125	111	42.65	cps
Thallium	205-1	325	192	208	242	30.06	cps
Tin	118-1	10655	11097	11464	11072	3.66	cps
Titanium	47-1	733	842	808	795	6.98	cps
Uranium	238-1	725	700	708	711	1.79	cps
Vanadium	51-2	603	560	650	604	7.45	cps
Yttrium	89-1	6947556	6956240	7003923	6969240	0.44	cps
Yttrium	89-2	247112	243403	242193	244236	1.05	cps
Zinc	66-2	1400	1330	1287	1339	4.27	cps
Zirconium	90-1	2134	1942	2769	2281	18.97	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-11	Instrumnet Name :	P8
Client Sample ID :	SS037MW202-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:07:21	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	500	550	550	533	5.41	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:11:50	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420674	417666	415791	418044	0.59	cps
Antimony	121-1	4642869	4650442	4706388	4666566	0.74	cps
Arsenic	75-2	75480	76236	75162	75626	0.73	cps
Barium	135-1	4875527	4905341	4898305	4893058	0.32	cps
Barium	137-1	8332392	8375380	8408769	8372180	0.46	cps
Beryllium	9-1	884264	886801	884094	885053	0.17	cps
Bismuth	209-1	3641673	3615970	3644085	3633909	0.43	cps
Bismuth	209-2	1395542	1389082	1399955	1394860	0.39	cps
Boron	10-1	98621	98546	101809	99659	1.87	cps
Boron	11-1	450378	457293	465905	457859	1.70	cps
Cadmium	111-1	1053069	1046304	1056120	1051831	0.48	cps
Cadmium	106-1	108996	109560	109761	109439	0.36	cps
Cadmium	108-1	74329	73499	74421	74083	0.69	cps
Calcium	43-1	6304346	6323018	6267804	6298389	0.45	cps
Calcium	44-1	103158073	102008152	103503346	102889857	0.76	cps
Chromium	52-2	629107	627531	628401	628346	0.13	cps
Cobalt	59-2	1233267	1234201	1229866	1232445	0.19	cps
Copper	63-2	2165104	2114792	2116862	2132252	1.34	cps
Dysprosium	156-1	150	117	108	125	17.64	cps
Dysprosium	156-2	17	13	23	18	28.64	cps
Erbium	164-1	33	75	83	64	41.92	cps
Erbium	164-2	13	10	33	19	66.81	cps
Gadolinium	160-1	133	117	142	131	9.75	cps
Gadolinium	160-2	37	30	33	33	10.01	cps
Holmium	165-1	6733705	6701647	6660190	6698514	0.55	cps
Holmium	165-2	2056609	2069412	2052900	2059641	0.42	cps
Indium	115-1	6303580	6233774	6290749	6276034	0.59	cps
Indium	115-2	371471	367770	370147	369796	0.51	cps
Iron	56-2	101101683	100638644	99968858	100569728	0.57	cps
Iron	57-2	2540000	2518783	2544482	2534422	0.54	cps
Lead	206-1	2303019	2258326	2286770	2282705	0.99	cps
Lead	207-1	2081728	2071994	2088062	2080595	0.39	cps
Lead	208-1	9337532	9242192	9397460	9325728	0.84	cps
Lithium	6-1	1202005	1190460	1174157	1188874	1.18	cps
Magnesium	24-2	10524899	10483648	10478325	10495624	0.24	cps
Manganese	55-2	357617	352877	353277	354590	0.74	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:11:50	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3974697	4038690	4007755	4007047	0.80	cps
Molybdenum	95-1	2284271	2297642	2254899	2278937	0.96	cps
Molybdenum	96-1	2887809	2878346	2883687	2883281	0.16	cps
Molybdenum	97-1	1381022	1421107	1398633	1400254	1.43	cps
Molybdenum	98-1	3583614	3638755	3639135	3620501	0.88	cps
Neodymium	150-1	280	200	240	240	16.67	cps
Neodymium	150-2	23	20	20	21	9.11	cps
Nickel	60-2	358953	360735	358384	359358	0.34	cps
Phosphorus	31-2	6769	6919	6418	6702	3.83	cps
Potassium	39-2	3388917	3362382	3404017	3385105	0.62	cps
Rhodium	103-1	5971760	5995451	5931595	5966268	0.54	cps
Rhodium	103-2	1911941	1874729	1880876	1889182	1.06	cps
Scandium	45-1	4408983	4374565	4374277	4385942	0.45	cps
Scandium	45-2	42100	42601	42929	42543	0.98	cps
Selenium	77-2	553	527	517	532	3.56	cps
Selenium	78-2	1995	1900	1972	1956	2.53	cps
Selenium	82-1	71057	71030	71578	71222	0.43	cps
Silicon	28-1	2930738	2916366	2936043	2927716	0.35	cps
Silver	109-1	5021926	4978971	5020795	5007231	0.49	cps
Silver	107-1	5286717	5239779	5278605	5268367	0.48	cps
Sodium	23-2	25466135	25400846	25599750	25488910	0.40	cps
Strontium	86-1	1477878	1480955	1512778	1490537	1.30	cps
Strontium	88-1	12627178	12756969	12845828	12743325	0.86	cps
Sulfur	34-1	830969	828018	834900	831296	0.42	cps
Terbium	159-1	7106972	7127284	7085654	7106636	0.29	cps
Terbium	159-2	2032429	1988472	2014242	2011715	1.10	cps
Thallium	203-1	2802472	2848345	2854950	2835256	1.01	cps
Thallium	205-1	6576109	6614039	6598682	6596277	0.29	cps
Tin	118-1	3423094	3370467	3404841	3399467	0.79	cps
Titanium	47-1	650363	644397	647923	647561	0.46	cps
Uranium	238-1	8282075	8417983	8343973	8348010	0.82	cps
Vanadium	51-2	453519	453533	450556	452536	0.38	cps
Yttrium	89-1	7240604	7300685	7290207	7277165	0.44	cps
Yttrium	89-2	289448	287294	286952	287898	0.47	cps
Zinc	66-2	200531	199071	199134	199578	0.41	cps
Zirconium	90-1	7239130	7389480	7445430	7358013	1.45	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:11:50	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1662816	1633906	1680019	1658914	1.40	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB36 Instrumnet Name : P8
 Client Sample ID : CCB36 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:14:47 DataFile Name : 061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	25	25	66.68	cps
Antimony	121-1	2809	2417	2317	2514	10.34	cps
Arsenic	75-2	6	13	9	9	39.96	cps
Barium	135-1	33	50	33	39	24.75	cps
Barium	137-1	25	33	100	53	77.89	cps
Beryllium	9-1	217	233	189	213	10.54	cps
Bismuth	209-1	3655172	3686352	3715240	3685588	0.82	cps
Bismuth	209-2	1441948	1417274	1406193	1421805	1.29	cps
Boron	10-1	4334	4543	4284	4387	3.12	cps
Boron	11-1	19739	19664	18321	19241	4.15	cps
Cadmium	111-1	1289	1271	1253	1271	1.41	cps
Cadmium	106-1	1642	1675	1642	1653	1.16	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	3826	4009	4259	4031	5.40	cps
Calcium	44-1	60766	60691	62516	61324	1.68	cps
Chromium	52-2	1197	1177	1293	1222	5.10	cps
Cobalt	59-2	27	30	20	26	19.92	cps
Copper	63-2	440	423	380	414	7.47	cps
Dysprosium	156-1	25	17	58	33	66.14	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	50	17	39	49.48	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	83	42	67	64	32.83	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	6526055	6604951	6527063	6552690	0.69	cps
Holmium	165-2	2071428	2007451	1970688	2016522	2.53	cps
Indium	115-1	6449622	6503126	6459123	6470624	0.44	cps
Indium	115-2	385356	381509	375274	380713	1.34	cps
Iron	56-2	3417	3673	3345	3478	4.95	cps
Iron	57-2	111	83	106	100	14.70	cps
Lead	206-1	406	522	456	461	12.69	cps
Lead	207-1	433	350	394	393	10.62	cps
Lead	208-1	1706	1839	1761	1769	3.79	cps
Lithium	6-1	1210377	1226690	1208178	1215082	0.83	cps
Magnesium	24-2	175	100	142	139	27.06	cps
Manganese	55-2	50	97	63	70	34.34	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:14:47	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	592	492	550	9.46	cps
Molybdenum	95-1	108	133	133	125	11.55	cps
Molybdenum	96-1	358	317	358	344	6.99	cps
Molybdenum	97-1	325	258	275	286	12.13	cps
Molybdenum	98-1	225	233	225	228	2.11	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	87	87	73	82	9.37	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	4301	4559	4251	4370	3.79	cps
Rhodium	103-1	6255032	6247835	6284080	6262316	0.31	cps
Rhodium	103-2	2064719	1969420	1939325	1991155	3.29	cps
Scandium	45-1	4407143	4365376	4352041	4374853	0.66	cps
Scandium	45-2	42658	41746	40913	41772	2.09	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	-60	-81	84	-19	-473.91	cps
Silicon	28-1	529790	522831	515961	522861	1.32	cps
Silver	109-1	533	442	442	472	11.21	cps
Silver	107-1	567	558	483	536	8.56	cps
Sodium	23-2	7352	7202	7135	7230	1.54	cps
Strontium	86-1	1492	1484	1417	1464	2.81	cps
Strontium	88-1	142	358	383	294	45.14	cps
Sulfur	34-1	436106	433999	437991	436032	0.46	cps
Terbium	159-1	6953504	7005427	6993108	6984013	0.39	cps
Terbium	159-2	2033697	1960602	1935497	1976599	2.58	cps
Thallium	203-1	300	225	225	250	17.32	cps
Thallium	205-1	558	692	700	650	12.23	cps
Tin	118-1	1192	1217	967	1125	12.24	cps
Titanium	47-1	267	225	175	222	20.65	cps
Uranium	238-1	83	83	83	83	0.00	cps
Vanadium	51-2	10	13	30	18	60.28	cps
Yttrium	89-1	7297254	7181429	7218224	7232302	0.82	cps
Yttrium	89-2	287708	280830	276864	281801	1.95	cps
Zinc	66-2	87	87	93	89	4.33	cps
Zirconium	90-1	1458	1525	1559	1514	3.36	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:14:47	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	467	342	350	386	18.10	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4329-12 Instrumnet Name : P8
 Client Sample ID : SS038MW050-170718 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:17:56 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	75	108	108	30.77	cps
Antimony	121-1	29834	25175	22403	25804	14.55	cps
Arsenic	75-2	7585	7741	7491	7606	1.66	cps
Barium	135-1	512954	516433	529154	519513	1.64	cps
Barium	137-1	887397	909769	909272	902146	1.42	cps
Beryllium	9-1	200	156	178	178	12.50	cps
Bismuth	209-1	3907981	3792657	3836410	3845683	1.51	cps
Bismuth	209-2	1348213	1347752	1353794	1349920	0.25	cps
Boron	10-1	43726	45147	45364	44746	1.99	cps
Boron	11-1	203994	207244	212672	207970	2.11	cps
Cadmium	111-1	935	990	983	969	3.07	cps
Cadmium	106-1	1158	1192	1267	1206	4.60	cps
Cadmium	108-1	25	4	29	19	68.87	cps
Calcium	43-1	2050081	2076063	2064584	2063576	0.63	cps
Calcium	44-1	33081226	33296426	33507928	33295193	0.64	cps
Chromium	52-2	2034	2040	1980	2018	1.63	cps
Cobalt	59-2	380	320	373	358	9.19	cps
Copper	63-2	5831	5901	5938	5890	0.92	cps
Dysprosium	156-1	92	67	92	83	17.32	cps
Dysprosium	156-2	3	13	17	11	62.48	cps
Erbium	164-1	67	67	83	72	13.33	cps
Erbium	164-2	17	7	30	18	65.83	cps
Gadolinium	160-1	58	83	75	72	17.62	cps
Gadolinium	160-2	13	30	17	20	44.10	cps
Holmium	165-1	6763074	6703606	6883293	6783324	1.35	cps
Holmium	165-2	1874257	1854241	1867376	1865291	0.55	cps
Indium	115-1	6411490	6275841	6326624	6337985	1.08	cps
Indium	115-2	336518	332371	331108	333332	0.85	cps
Iron	56-2	4533411	4584579	4570991	4562994	0.58	cps
Iron	57-2	111868	111403	112803	112025	0.64	cps
Lead	206-1	1795	2095	2039	1976	8.08	cps
Lead	207-1	1717	1828	1645	1730	5.34	cps
Lead	208-1	8068	7879	7912	7953	1.27	cps
Lithium	6-1	1353863	1350082	1373108	1359018	0.91	cps
Magnesium	24-2	458849	454317	454289	455818	0.58	cps
Manganese	55-2	159205	160605	161754	160521	0.80	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-12	Instrumnet Name :	P8
Client Sample ID :	SS038MW050-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:17:56	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6602	6585	6418	6535	1.55	cps
Molybdenum	95-1	8053	8953	8728	8578	5.46	cps
Molybdenum	96-1	9546	9912	9854	9771	2.02	cps
Molybdenum	97-1	5251	5910	5335	5499	6.52	cps
Molybdenum	98-1	13908	15301	14792	14667	4.81	cps
Neodymium	150-1	73	93	80	82	12.39	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	2974	2954	3210	3046	4.69	cps
Phosphorus	31-2	83	83	33	67	43.31	cps
Potassium	39-2	34877	34526	34301	34568	0.84	cps
Rhodium	103-1	5996754	5854461	5895391	5915535	1.24	cps
Rhodium	103-2	1816434	1795000	1784142	1798525	0.91	cps
Scandium	45-1	4097734	4049905	4034841	4060827	0.81	cps
Scandium	45-2	36350	35983	36213	36182	0.51	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	7	6	6	17.29	cps
Selenium	82-1	-2	5	-11	-3	-269.31	cps
Silicon	28-1	40903802	40895021	41405671	41068164	0.71	cps
Silver	109-1	2509	2450	2609	2523	3.18	cps
Silver	107-1	2709	2359	2359	2475	8.17	cps
Sodium	23-2	3419795	3391104	3398029	3402976	0.44	cps
Strontium	86-1	1126983	1143581	1140297	1136954	0.77	cps
Strontium	88-1	9851875	10028685	10020643	9967067	1.00	cps
Sulfur	34-1	398042	393782	393641	395155	0.63	cps
Terbium	159-1	7219895	7007518	7195050	7140821	1.63	cps
Terbium	159-2	1840976	1835652	1837549	1838059	0.15	cps
Thallium	203-1	275	250	200	242	15.80	cps
Thallium	205-1	675	692	575	647	9.75	cps
Tin	118-1	12915	11914	12340	12390	4.05	cps
Titanium	47-1	892	833	1033	920	11.19	cps
Uranium	238-1	142	183	100	142	29.41	cps
Vanadium	51-2	143	133	137	138	3.70	cps
Yttrium	89-1	6964798	6860874	6821096	6882256	1.08	cps
Yttrium	89-2	248853	246729	248843	248142	0.49	cps
Zinc	66-2	993	867	857	906	8.41	cps
Zirconium	90-1	4501	4526	4409	4479	1.37	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-12	Instrumnet Name :	P8
Client Sample ID :	SS038MW050-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:17:56	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050	958	1000	1003	4.58	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-13	Instrumnet Name :	P8
Client Sample ID :	SS038RW150-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:21:03	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	67	75	81	21.54	cps
Antimony	121-1	14383	13774	13240	13799	4.14	cps
Arsenic	75-2	26145	26574	25974	26231	1.18	cps
Barium	135-1	737260	739544	744515	740440	0.50	cps
Barium	137-1	1278684	1269298	1289470	1279151	0.79	cps
Beryllium	9-1	172	183	211	189	10.60	cps
Bismuth	209-1	3912069	3963047	3707480	3860865	3.50	cps
Bismuth	209-2	1324643	1338090	1328767	1330500	0.52	cps
Boron	10-1	50381	49696	51903	50660	2.23	cps
Boron	11-1	234436	236593	240663	237231	1.33	cps
Cadmium	111-1	961	1024	935	973	4.70	cps
Cadmium	106-1	1333	1392	1283	1336	4.06	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Calcium	43-1	2160867	2157976	2170148	2162997	0.29	cps
Calcium	44-1	34815213	35064382	35261686	35047094	0.64	cps
Chromium	52-2	2957	3264	3044	3088	5.12	cps
Cobalt	59-2	617	617	607	613	0.94	cps
Copper	63-2	9000	9217	9173	9130	1.26	cps
Dysprosium	156-1	108	25	117	83	60.83	cps
Dysprosium	156-2	3	17	13	11	62.48	cps
Erbium	164-1	108	92	58	86	29.56	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	125	42	75	81	52.07	cps
Gadolinium	160-2	17	27	13	19	36.75	cps
Holmium	165-1	7007498	6952524	6565664	6841895	3.52	cps
Holmium	165-2	1859955	1874440	1854286	1862893	0.56	cps
Indium	115-1	6368062	6391949	6109979	6289996	2.49	cps
Indium	115-2	331064	328648	329084	329599	0.39	cps
Iron	56-2	11448835	11468367	11292010	11403071	0.85	cps
Iron	57-2	282330	284458	282765	283184	0.40	cps
Lead	206-1	4595	4884	4595	4692	3.56	cps
Lead	207-1	4084	3684	3923	3897	5.17	cps
Lead	208-1	17839	17611	17866	17772	0.79	cps
Lithium	6-1	1379664	1379731	1337589	1365661	1.78	cps
Magnesium	24-2	454089	457275	454107	455157	0.40	cps
Manganese	55-2	165331	165666	163119	164705	0.84	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-13	Instrumnet Name :	P8
Client Sample ID :	SS038RW150-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:21:03	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7061	6660	7486	7069	5.84	cps
Molybdenum	95-1	9754	9737	9962	9818	1.28	cps
Molybdenum	96-1	11230	10897	11230	11119	1.73	cps
Molybdenum	97-1	6902	6210	5885	6332	8.20	cps
Molybdenum	98-1	15918	16903	15810	16210	3.72	cps
Neodymium	150-1	93	100	93	96	4.02	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	5715	5728	5698	5714	0.26	cps
Phosphorus	31-2	142	142	117	133	10.83	cps
Potassium	39-2	41195	40409	40994	40866	1.00	cps
Rhodium	103-1	6063795	6028791	5578747	5890444	4.59	cps
Rhodium	103-2	1803371	1748996	1756990	1769786	1.66	cps
Scandium	45-1	4135491	4143222	3920671	4066461	3.11	cps
Scandium	45-2	36685	35314	35923	35974	1.91	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	11	4	7	56.78	cps
Selenium	82-1	34	-82	-79	-43	-155.01	cps
Silicon	28-1	43996107	43894399	44080542	43990349	0.21	cps
Silver	109-1	1458	1684	1634	1592	7.42	cps
Silver	107-1	1792	1792	1875	1820	2.64	cps
Sodium	23-2	4314362	4265554	4289488	4289801	0.57	cps
Strontium	86-1	1322403	1328160	1322490	1324351	0.25	cps
Strontium	88-1	11517288	11499573	11647415	11554759	0.70	cps
Sulfur	34-1	452563	442804	441973	445780	1.32	cps
Terbium	159-1	7275376	7376637	6903267	7185094	3.47	cps
Terbium	159-2	1805767	1829498	1864625	1833297	1.62	cps
Thallium	203-1	150	133	133	139	6.93	cps
Thallium	205-1	275	308	258	281	9.07	cps
Tin	118-1	10013	10846	10521	10460	4.02	cps
Titanium	47-1	1292	1050	1108	1150	10.99	cps
Uranium	238-1	1709	1233	1375	1439	16.95	cps
Vanadium	51-2	693	777	777	749	6.42	cps
Yttrium	89-1	7004167	7063576	6553722	6873822	4.06	cps
Yttrium	89-2	245756	246250	244262	245423	0.42	cps
Zinc	66-2	3404	3527	3460	3464	1.78	cps
Zirconium	90-1	3059	3059	3535	3218	8.54	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-13	Instrumnet Name :	P8
Client Sample ID :	SS038RW150-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:21:03	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	817	717	850	795	8.74	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-14	Instrumnet Name :	P8
Client Sample ID :	DUP-0427-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:24:09	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	100	67	75	29.40	cps
Antimony	121-1	12573	12990	12890	12818	1.70	cps
Arsenic	75-2	26869	26561	26782	26737	0.59	cps
Barium	135-1	746303	747843	761777	751975	1.13	cps
Barium	137-1	1293820	1289939	1318497	1300752	1.19	cps
Beryllium	9-1	189	272	144	202	32.14	cps
Bismuth	209-1	3901553	3968406	3954337	3941432	0.89	cps
Bismuth	209-2	1317080	1320956	1323801	1320612	0.26	cps
Boron	10-1	50581	52263	53158	52001	2.52	cps
Boron	11-1	238417	243110	246990	242839	1.77	cps
Cadmium	111-1	928	885	1199	1004	16.98	cps
Cadmium	106-1	1292	1192	1667	1383	18.10	cps
Cadmium	108-1	8	17	25	17	50.01	cps
Calcium	43-1	2219781	2201251	2232463	2217832	0.71	cps
Calcium	44-1	35568377	35769715	35883721	35740604	0.45	cps
Chromium	52-2	1867	1907	1840	1871	1.79	cps
Cobalt	59-2	653	577	597	609	6.53	cps
Copper	63-2	9910	9854	9690	9818	1.16	cps
Dysprosium	156-1	58	58	92	69	27.71	cps
Dysprosium	156-2	13	20	23	19	26.96	cps
Erbium	164-1	58	108	125	97	35.68	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	83	142	83	103	32.76	cps
Gadolinium	160-2	17	30	20	22	31.22	cps
Holmium	165-1	6984970	6974233	6968886	6976029	0.12	cps
Holmium	165-2	1832897	1840757	1859193	1844283	0.73	cps
Indium	115-1	6401233	6369880	6379689	6383600	0.25	cps
Indium	115-2	326781	330974	327756	328504	0.67	cps
Iron	56-2	11611651	11634082	11712715	11652816	0.46	cps
Iron	57-2	287561	291984	288648	289397	0.80	cps
Lead	206-1	3756	3551	4062	3790	6.79	cps
Lead	207-1	3467	3251	3273	3330	3.58	cps
Lead	208-1	15626	15171	15382	15393	1.48	cps
Lithium	6-1	1383039	1394571	1413043	1396884	1.08	cps
Magnesium	24-2	462123	468801	461421	464115	0.88	cps
Manganese	55-2	168769	169545	170179	169498	0.42	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-14	Instrumnet Name :	P8
Client Sample ID :	DUP-0427-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:24:09	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6785	6819	6744	6783	0.55	cps
Molybdenum	95-1	10179	9937	9979	10032	1.29	cps
Molybdenum	96-1	11063	10813	10354	10744	3.35	cps
Molybdenum	97-1	6585	6443	6418	6482	1.39	cps
Molybdenum	98-1	16068	16469	16552	16363	1.58	cps
Neodymium	150-1	47	73	73	64	23.89	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	4884	5134	5174	5064	3.10	cps
Phosphorus	31-2	158	158	125	147	13.07	cps
Potassium	39-2	41872	41938	41571	41794	0.47	cps
Rhodium	103-1	6021655	5959061	6042689	6007802	0.72	cps
Rhodium	103-2	1762196	1789087	1787085	1779456	0.84	cps
Scandium	45-1	4155692	4148512	4129481	4144562	0.33	cps
Scandium	45-2	36187	35943	36143	36091	0.36	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-41	-6	61	4	1177.84	cps
Silicon	28-1	44897034	44933293	45370967	45067098	0.59	cps
Silver	109-1	1667	1609	1433	1570	7.74	cps
Silver	107-1	1558	1392	1484	1478	5.65	cps
Sodium	23-2	4415122	4418346	4398915	4410794	0.24	cps
Strontium	86-1	1347043	1383372	1356086	1362167	1.39	cps
Strontium	88-1	11726859	11800473	11914358	11813897	0.80	cps
Sulfur	34-1	449186	449688	446555	448476	0.38	cps
Terbium	159-1	7355516	7287004	7404460	7348993	0.80	cps
Terbium	159-2	1814280	1825935	1828075	1822763	0.41	cps
Thallium	203-1	100	167	100	122	31.49	cps
Thallium	205-1	242	158	292	231	29.22	cps
Tin	118-1	8728	9846	9420	9331	6.04	cps
Titanium	47-1	950	842	1042	945	10.60	cps
Uranium	238-1	1650	1509	1792	1650	8.59	cps
Vanadium	51-2	747	677	640	688	7.88	cps
Yttrium	89-1	6993621	6973288	6952702	6973204	0.29	cps
Yttrium	89-2	243708	246679	245233	245207	0.61	cps
Zinc	66-2	2734	2790	2837	2787	1.86	cps
Zirconium	90-1	2350	2225	2384	2320	3.60	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4329-14	Instrumnet Name :	P8
Client Sample ID :	DUP-0427-170718	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:24:09	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	725	883	764	13.81	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BSRE	Instrumnet Name :	P8
Client Sample ID :	PB101006BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:27:16	DataFile Name :	065LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81853	82565	80395	81604	1.36	cps
Antimony	121-1	4579076	4640860	4620819	4613585	0.68	cps
Arsenic	75-2	76117	76333	76026	76159	0.21	cps
Barium	135-1	4851557	4908172	4844692	4868140	0.72	cps
Barium	137-1	8358018	8397145	8301551	8352238	0.58	cps
Beryllium	9-1	839916	844003	841314	841744	0.25	cps
Bismuth	209-1	3690428	3806608	3722548	3739861	1.60	cps
Bismuth	209-2	1431825	1452349	1457629	1447268	0.94	cps
Boron	10-1	96934	100592	97396	98308	2.03	cps
Boron	11-1	443072	450155	452359	448529	1.08	cps
Cadmium	111-1	1081370	1094342	1082902	1086205	0.65	cps
Cadmium	106-1	113416	111206	113290	112637	1.10	cps
Cadmium	108-1	75740	76445	77245	76477	0.98	cps
Calcium	43-1	1302344	1318612	1296350	1305769	0.88	cps
Calcium	44-1	20882646	21020544	20819232	20907474	0.49	cps
Chromium	52-2	615699	615667	612908	614758	0.26	cps
Cobalt	59-2	1257444	1250773	1250123	1252780	0.32	cps
Copper	63-2	2235612	2230606	2208570	2224930	0.65	cps
Dysprosium	156-1	92	83	83	86	5.58	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	92	100	100	97	4.95	cps
Gadolinium	160-2	23	13	33	23	42.86	cps
Holmium	165-1	6803147	6800589	6752723	6785487	0.42	cps
Holmium	165-2	2094059	2066531	2071994	2077528	0.70	cps
Indium	115-1	6412906	6435379	6411635	6419973	0.21	cps
Indium	115-2	377764	377937	377036	377579	0.13	cps
Iron	56-2	20849681	20815499	20789326	20818169	0.15	cps
Iron	57-2	514487	522890	518161	518513	0.81	cps
Lead	206-1	2318458	2352974	2318304	2329912	0.86	cps
Lead	207-1	2117498	2117583	2095892	2110325	0.59	cps
Lead	208-1	9478604	9554392	9426977	9486658	0.68	cps
Lithium	6-1	1236692	1255130	1240074	1243965	0.79	cps
Magnesium	24-2	2161045	2161663	2108977	2143895	1.41	cps
Manganese	55-2	354803	354899	352629	354110	0.36	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BSRE	Instrumnet Name :	P8
Client Sample ID :	PB101006BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:27:16	DataFile Name :	065LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3938652	3955277	3924918	3939616	0.39	cps
Molybdenum	95-1	2308390	2294808	2294461	2299219	0.35	cps
Molybdenum	96-1	2887489	2847289	2847550	2860776	0.81	cps
Molybdenum	97-1	1418646	1391240	1391541	1400475	1.12	cps
Molybdenum	98-1	3651032	3612670	3617153	3626952	0.58	cps
Neodymium	150-1	260	167	193	207	23.26	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	369807	364628	363798	366078	0.89	cps
Phosphorus	31-2	6944	6669	6177	6596	5.89	cps
Potassium	39-2	672889	677074	671343	673769	0.44	cps
Rhodium	103-1	6162376	6190690	6191693	6181587	0.27	cps
Rhodium	103-2	2009164	1993354	2001522	2001347	0.40	cps
Scandium	45-1	4490499	4493170	4441840	4475170	0.65	cps
Scandium	45-2	42919	42474	41886	42426	1.22	cps
Selenium	77-2	567	533	573	558	3.84	cps
Selenium	78-2	1826	1954	1889	1890	3.38	cps
Selenium	82-1	71794	73118	73548	72820	1.26	cps
Silicon	28-1	2891530	2912684	2913175	2905796	0.43	cps
Silver	109-1	5194747	5249499	5175841	5206696	0.73	cps
Silver	107-1	5501657	5456742	5521341	5493247	0.60	cps
Sodium	23-2	5225779	5267372	5191638	5228263	0.73	cps
Strontium	86-1	1459757	1471767	1478834	1470119	0.66	cps
Strontium	88-1	12492861	12481114	12446940	12473638	0.19	cps
Sulfur	34-1	826685	828245	817296	824075	0.72	cps
Terbium	159-1	7024719	7220026	7171443	7138730	1.42	cps
Terbium	159-2	2069931	2041482	2025765	2045726	1.09	cps
Thallium	203-1	2894288	2914443	2870327	2893019	0.76	cps
Thallium	205-1	6750284	6807279	6743398	6766987	0.52	cps
Tin	118-1	3458734	3448188	3447881	3451601	0.18	cps
Titanium	47-1	650153	651096	654232	651827	0.33	cps
Uranium	238-1	8248533	8215692	8256918	8240381	0.26	cps
Vanadium	51-2	450666	450573	447139	449459	0.45	cps
Yttrium	89-1	7379413	7473258	7432301	7428324	0.63	cps
Yttrium	89-2	290649	291112	288605	290122	0.46	cps
Zinc	66-2	204375	204929	204415	204573	0.15	cps
Zirconium	90-1	7315082	7335946	7311775	7320935	0.18	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101006BSRE	Instrumnet Name :	P8
Client Sample ID :	PB101006BSRE	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:27:16	DataFile Name :	065LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1669170	1663566	1625900	1652879	1.42	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:30:15	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	428167	418735	423663	423522	1.11	cps
Antimony	121-1	4811428	4751907	4848940	4804091	1.02	cps
Arsenic	75-2	76959	76456	76324	76580	0.44	cps
Barium	135-1	4866267	4837145	4954228	4885880	1.25	cps
Barium	137-1	8407415	8383090	8418367	8402957	0.21	cps
Beryllium	9-1	878538	879298	876533	878123	0.16	cps
Bismuth	209-1	3593689	3664880	3676585	3645051	1.23	cps
Bismuth	209-2	1407978	1396310	1395661	1399983	0.50	cps
Boron	10-1	99334	101408	100543	100428	1.04	cps
Boron	11-1	458516	467642	470756	465638	1.37	cps
Cadmium	111-1	1065395	1058069	1058248	1060571	0.39	cps
Cadmium	106-1	109728	111601	112770	111367	1.38	cps
Cadmium	108-1	76273	74768	75045	75362	1.06	cps
Calcium	43-1	6297261	6287404	6319735	6301467	0.26	cps
Calcium	44-1	103485573	103100265	102877290	103154376	0.30	cps
Chromium	52-2	632496	630769	630531	631266	0.17	cps
Cobalt	59-2	1239985	1237213	1236327	1237842	0.15	cps
Copper	63-2	2159167	2148673	2118503	2142114	0.99	cps
Dysprosium	156-1	133	142	67	114	36.09	cps
Dysprosium	156-2	10	17	20	16	32.73	cps
Erbium	164-1	50	58	42	50	16.67	cps
Erbium	164-2	13	37	17	22	56.80	cps
Gadolinium	160-1	100	117	67	94	26.96	cps
Gadolinium	160-2	20	17	37	24	43.83	cps
Holmium	165-1	6725624	6745030	6871426	6780693	1.17	cps
Holmium	165-2	2073171	2081248	2036986	2063802	1.14	cps
Indium	115-1	6340029	6320207	6437065	6365767	0.98	cps
Indium	115-2	378847	373195	374959	375667	0.77	cps
Iron	56-2	101515047	101485202	100067497	101022582	0.82	cps
Iron	57-2	2553672	2540573	2545337	2546527	0.26	cps
Lead	206-1	2281617	2326157	2306608	2304794	0.97	cps
Lead	207-1	2074286	2086791	2101231	2087436	0.65	cps
Lead	208-1	9320248	9409652	9448342	9392747	0.70	cps
Lithium	6-1	1162599	1166284	1189340	1172741	1.24	cps
Magnesium	24-2	10653690	10490138	10630209	10591346	0.83	cps
Manganese	55-2	357424	357157	356892	357157	0.07	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:30:15	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4007957	4022632	3999831	4010140	0.29	cps
Molybdenum	95-1	2322985	2302206	2307947	2311046	0.46	cps
Molybdenum	96-1	2903376	2906705	2898684	2902922	0.14	cps
Molybdenum	97-1	1403827	1400931	1408824	1404528	0.28	cps
Molybdenum	98-1	3638180	3666321	3630521	3645007	0.52	cps
Neodymium	150-1	173	287	227	229	24.77	cps
Neodymium	150-2	33	10	7	17	87.16	cps
Nickel	60-2	365212	362431	357036	361560	1.15	cps
Phosphorus	31-2	7052	6577	6619	6749	3.90	cps
Potassium	39-2	3460095	3406974	3410777	3425949	0.86	cps
Rhodium	103-1	5992907	6116245	6037663	6048938	1.03	cps
Rhodium	103-2	1910034	1896645	1885872	1897517	0.64	cps
Scandium	45-1	4393995	4457540	4429412	4426982	0.72	cps
Scandium	45-2	43762	42039	43277	43026	2.06	cps
Selenium	77-2	537	583	613	578	6.69	cps
Selenium	78-2	2004	1793	1972	1923	5.92	cps
Selenium	82-1	71712	72166	71765	71881	0.35	cps
Silicon	28-1	2957221	2960619	2993365	2970402	0.67	cps
Silver	109-1	5057999	4998366	5024959	5027108	0.59	cps
Silver	107-1	5309948	5336564	5368728	5338413	0.55	cps
Sodium	23-2	25666101	25612516	25537446	25605354	0.25	cps
Strontium	86-1	1526313	1521660	1518529	1522167	0.26	cps
Strontium	88-1	12828716	12905561	12807771	12847349	0.40	cps
Sulfur	34-1	820715	821987	832578	825093	0.79	cps
Terbium	159-1	7186061	7190517	7230680	7202419	0.34	cps
Terbium	159-2	2074995	2020629	2018328	2037984	1.57	cps
Thallium	203-1	2881535	2854353	2846003	2860630	0.65	cps
Thallium	205-1	6720473	6792297	6748384	6753718	0.54	cps
Tin	118-1	3425669	3408092	3446182	3426648	0.56	cps
Titanium	47-1	646010	655715	654441	652056	0.81	cps
Uranium	238-1	8340855	8278268	8257355	8292159	0.52	cps
Vanadium	51-2	458781	450531	455193	454835	0.91	cps
Yttrium	89-1	7288706	7355337	7315676	7319906	0.46	cps
Yttrium	89-2	292931	289694	291702	291442	0.56	cps
Zinc	66-2	201661	203695	200297	201884	0.85	cps
Zirconium	90-1	7341650	7482562	7362741	7395651	1.03	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:30:15	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1677099	1677498	1680138	1678245	0.10	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:33:13	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	0	11	114.58	cps
Antimony	121-1	2800	2825	2917	2848	2.16	cps
Arsenic	75-2	13	9	6	9	39.96	cps
Barium	135-1	25	17	50	31	56.77	cps
Barium	137-1	58	67	50	58	14.29	cps
Beryllium	9-1	233	211	239	228	6.45	cps
Bismuth	209-1	3602661	3602661	3650929	3618750	0.77	cps
Bismuth	209-2	1413042	1428925	1419880	1420616	0.56	cps
Boron	10-1	4726	4618	4559	4634	1.83	cps
Boron	11-1	22652	21600	19664	21305	7.11	cps
Cadmium	111-1	1190	1124	1286	1200	6.76	cps
Cadmium	106-1	1567	1492	1709	1589	6.93	cps
Cadmium	108-1	4	17	21	14	62.43	cps
Calcium	43-1	4034	4167	3751	3984	5.34	cps
Calcium	44-1	61795	61083	59636	60838	1.81	cps
Chromium	52-2	1257	1100	1243	1200	7.24	cps
Cobalt	59-2	27	43	43	38	25.46	cps
Copper	63-2	457	480	547	494	9.45	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	0	17	14	91.65	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	50	83	58	64	27.15	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	6471613	6270207	6535177	6425666	2.15	cps
Holmium	165-2	1995233	2023110	2003941	2007428	0.71	cps
Indium	115-1	6476704	6350788	6413775	6413755	0.98	cps
Indium	115-2	384832	385636	384327	384932	0.17	cps
Iron	56-2	3512	3373	3728	3538	5.07	cps
Iron	57-2	128	128	72	109	29.36	cps
Lead	206-1	417	483	417	439	8.77	cps
Lead	207-1	400	394	456	417	8.11	cps
Lead	208-1	1839	1861	1939	1880	2.79	cps
Lithium	6-1	1203289	1192188	1206727	1200735	0.63	cps
Magnesium	24-2	183	142	100	142	29.41	cps
Manganese	55-2	43	60	50	51	16.42	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:33:13	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	742	483	639	21.45	cps
Molybdenum	95-1	50	125	125	100	43.30	cps
Molybdenum	96-1	433	308	317	353	19.81	cps
Molybdenum	97-1	225	217	225	222	2.16	cps
Molybdenum	98-1	267	267	150	228	29.57	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	50	73	72	30.03	cps
Phosphorus	31-2	8	0	50	19	137.78	cps
Potassium	39-2	4626	4326	4226	4393	4.74	cps
Rhodium	103-1	6182966	6096545	6233750	6171087	1.12	cps
Rhodium	103-2	2026874	2023780	2001275	2017310	0.69	cps
Scandium	45-1	4410678	4319574	4381618	4370623	1.06	cps
Scandium	45-2	41628	42752	42594	42325	1.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-61	-42	-22	-41	-46.47	cps
Silicon	28-1	530011	526548	526214	527591	0.40	cps
Silver	109-1	675	600	558	611	9.67	cps
Silver	107-1	567	600	500	556	9.17	cps
Sodium	23-2	7769	7969	8403	8047	4.03	cps
Strontium	86-1	1475	1350	1325	1383	5.81	cps
Strontium	88-1	292	317	350	319	9.16	cps
Sulfur	34-1	432668	427151	428754	429525	0.66	cps
Terbium	159-1	6951927	6753960	6889110	6864999	1.47	cps
Terbium	159-2	1993677	2005079	1982667	1993808	0.56	cps
Thallium	203-1	408	375	292	358	16.77	cps
Thallium	205-1	825	658	608	697	16.27	cps
Tin	118-1	1350	1225	1233	1270	5.51	cps
Titanium	47-1	158	192	133	161	18.17	cps
Uranium	238-1	133	92	108	111	18.88	cps
Vanadium	51-2	20	10	3	11	75.52	cps
Yttrium	89-1	7185776	7116006	7280743	7194175	1.15	cps
Yttrium	89-2	286223	289433	289235	288297	0.62	cps
Zinc	66-2	93	100	83	92	9.09	cps
Zirconium	90-1	1767	1642	1684	1697	3.75	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:33:13	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	358	400	389	6.89	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BL	Instrumnet Name :	P8
Client Sample ID :	PB101030BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:36:21	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	0	14	124.91	cps
Antimony	121-1	1158	917	1100	1058	11.92	cps
Arsenic	75-2	6	9	9	8	26.61	cps
Barium	135-1	58	25	50	44	39.04	cps
Barium	137-1	50	50	50	50	0.00	cps
Beryllium	9-1	239	150	172	187	24.73	cps
Bismuth	209-1	3640698	3594759	3689347	3641601	1.30	cps
Bismuth	209-2	1431965	1429056	1325886	1395636	4.33	cps
Boron	10-1	3059	2892	2734	2895	5.62	cps
Boron	11-1	13791	13657	13257	13568	2.05	cps
Cadmium	111-1	1097	939	952	996	8.81	cps
Cadmium	106-1	1500	1275	1317	1364	8.78	cps
Cadmium	108-1	17	29	17	21	34.64	cps
Calcium	43-1	4051	3526	3767	3781	6.95	cps
Calcium	44-1	58832	58691	58707	58743	0.13	cps
Chromium	52-2	1280	1203	1230	1238	3.14	cps
Cobalt	59-2	37	27	20	28	30.20	cps
Copper	63-2	357	373	397	376	5.35	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	33	8	36	81.06	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	6456990	6394179	6437817	6429662	0.50	cps
Holmium	165-2	1996358	2030440	1880459	1969086	3.99	cps
Indium	115-1	6434567	6329219	6379028	6380938	0.83	cps
Indium	115-2	386784	382936	362008	377243	3.53	cps
Iron	56-2	3256	3301	3334	3297	1.18	cps
Iron	57-2	106	89	111	102	11.35	cps
Lead	206-1	483	489	383	452	13.15	cps
Lead	207-1	400	344	406	383	8.82	cps
Lead	208-1	1933	1806	1661	1800	7.57	cps
Lithium	6-1	1203971	1186460	1202493	1197641	0.81	cps
Magnesium	24-2	117	133	108	119	10.66	cps
Manganese	55-2	77	53	60	63	18.98	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BL	Instrumnet Name :	P8
Client Sample ID :	PB101030BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:36:21	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	475	458	431	14.65	cps
Molybdenum	95-1	58	50	42	50	16.67	cps
Molybdenum	96-1	192	233	200	208	10.58	cps
Molybdenum	97-1	158	275	142	192	37.90	cps
Molybdenum	98-1	58	83	92	78	22.30	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	77	77	78	2.47	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	3909	4284	4193	4129	4.74	cps
Rhodium	103-1	6132222	6158757	6186967	6159315	0.44	cps
Rhodium	103-2	2012568	1987188	1888142	1962633	3.35	cps
Scandium	45-1	4334748	4360773	4343395	4346305	0.30	cps
Scandium	45-2	42230	42240	39606	41359	3.67	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	0	4	4	100.05	cps
Selenium	82-1	-112	-173	-41	-109	-60.66	cps
Silicon	28-1	512371	520370	509201	513981	1.12	cps
Silver	109-1	400	283	408	364	19.21	cps
Silver	107-1	392	375	392	386	2.49	cps
Sodium	23-2	6785	7085	6518	6796	4.17	cps
Strontium	86-1	1692	1242	1342	1425	16.58	cps
Strontium	88-1	275	283	275	278	1.73	cps
Sulfur	34-1	436619	436201	435613	436144	0.12	cps
Terbium	159-1	6853885	6762281	6829172	6815113	0.70	cps
Terbium	159-2	1968453	2001885	1851743	1940694	4.06	cps
Thallium	203-1	158	125	167	150	14.70	cps
Thallium	205-1	342	417	392	383	9.96	cps
Tin	118-1	758	717	608	694	11.15	cps
Titanium	47-1	100	167	225	164	38.17	cps
Uranium	238-1	50	25	33	36	35.25	cps
Vanadium	51-2	20	13	13	16	24.76	cps
Yttrium	89-1	7159166	7219911	7244834	7207970	0.61	cps
Yttrium	89-2	288680	288016	269164	281953	3.93	cps
Zinc	66-2	77	77	60	71	13.53	cps
Zirconium	90-1	975	1050	1083	1036	5.36	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BL	Instrumnet Name :	P8
Client Sample ID :	PB101030BL	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:36:21	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	308	225	247	21.67	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BS	Instrumnet Name :	P8
Client Sample ID :	PB101030BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:39:29	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	58	8	28	96.44	cps
Antimony	121-1	642	667	600	636	5.29	cps
Arsenic	75-2	2	13	13	9	69.29	cps
Barium	135-1	50	50	42	47	10.18	cps
Barium	137-1	42	67	50	53	24.12	cps
Beryllium	9-1	172	172	172	172	0.00	cps
Bismuth	209-1	3645867	3740170	3520039	3635359	3.04	cps
Bismuth	209-2	1453971	1431118	1443655	1442915	0.79	cps
Boron	10-1	2409	2442	2225	2359	4.95	cps
Boron	11-1	11172	10780	10454	10802	3.33	cps
Cadmium	111-1	1057	1103	1062	1074	2.32	cps
Cadmium	106-1	1442	1550	1500	1497	3.62	cps
Cadmium	108-1	21	17	13	17	24.99	cps
Calcium	43-1	4134	3701	3717	3851	6.38	cps
Calcium	44-1	59176	58523	58991	58897	0.57	cps
Chromium	52-2	970	980	997	982	1.37	cps
Cobalt	59-2	40	33	40	38	10.19	cps
Copper	63-2	413	283	353	350	18.59	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	8	42	22	78.07	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	75	25	75	58	49.49	cps
Gadolinium	160-2	13	10	0	8	89.21	cps
Holmium	165-1	6599847	6450658	6395419	6481975	1.63	cps
Holmium	165-2	2082881	2021789	2059292	2054654	1.50	cps
Indium	115-1	6433110	6393390	6289484	6371995	1.16	cps
Indium	115-2	390275	391436	390643	390785	0.15	cps
Iron	56-2	3023	3245	3328	3199	4.94	cps
Iron	57-2	100	61	89	83	24.04	cps
Lead	206-1	2198847	2238613	2205806	2214422	0.96	cps
Lead	207-1	2014328	2052338	2024877	2030514	0.97	cps
Lead	208-1	9021563	9166141	9046391	9078031	0.85	cps
Lithium	6-1	1191282	1197760	1148668	1179237	2.26	cps
Magnesium	24-2	117	92	142	117	21.43	cps
Manganese	55-2	67	47	77	63	24.12	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BS	Instrumnet Name :	P8
Client Sample ID :	PB101030BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:39:29	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	392	267	339	19.10	cps
Molybdenum	95-1	25	58	58	47	40.76	cps
Molybdenum	96-1	192	183	242	206	15.35	cps
Molybdenum	97-1	242	175	133	183	29.81	cps
Molybdenum	98-1	75	42	92	69	36.66	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	80	80	73	15.75	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	3842	3917	3867	3876	0.99	cps
Rhodium	103-1	6204589	6236067	6070186	6170280	1.43	cps
Rhodium	103-2	2049481	2016457	1994021	2019986	1.38	cps
Scandium	45-1	4419282	4406600	4285639	4370507	1.69	cps
Scandium	45-2	43130	42839	42380	42783	0.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-15	73	-204	-48	-292.02	cps
Silicon	28-1	519618	521440	520570	520543	0.18	cps
Silver	109-1	283	383	367	344	15.55	cps
Silver	107-1	709	400	233	448	53.95	cps
Sodium	23-2	6552	6535	5885	6324	6.01	cps
Strontium	86-1	1233	1492	1367	1364	9.47	cps
Strontium	88-1	308	275	267	283	7.78	cps
Sulfur	34-1	439329	439233	438855	439139	0.06	cps
Terbium	159-1	6994532	6876846	6687825	6853068	2.26	cps
Terbium	159-2	1989097	2000770	2000390	1996752	0.33	cps
Thallium	203-1	158	133	117	136	15.41	cps
Thallium	205-1	292	467	308	356	27.17	cps
Tin	118-1	1750	2075	2167	1997	10.96	cps
Titanium	47-1	267	158	167	197	30.57	cps
Uranium	238-1	83	75	25	61	51.63	cps
Vanadium	51-2	17	33	17	22	43.28	cps
Yttrium	89-1	7289671	7230730	7046986	7189129	1.76	cps
Yttrium	89-2	293008	293408	291489	292635	0.35	cps
Zinc	66-2	73	130	83	96	31.65	cps
Zirconium	90-1	708	767	942	806	15.07	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	PB101030BS	Instrumnet Name :	P8
Client Sample ID :	PB101030BS	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:39:29	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	183	233	189	22.21	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41 Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:42:37 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2817	2642	2734	2731	3.21	cps
Antimony	121-1	9887	10088	9712	9896	1.90	cps
Arsenic	75-2	100	69	83	84	18.76	cps
Barium	135-1	62130	61995	63278	62468	1.13	cps
Barium	137-1	107335	108207	110249	108597	1.38	cps
Beryllium	9-1	206	178	206	196	8.17	cps
Bismuth	209-1	3965115	3868898	4067759	3967257	2.51	cps
Bismuth	209-2	1531819	1543840	1543822	1539827	0.45	cps
Boron	10-1	2784	3017	2800	2867	4.54	cps
Boron	11-1	12731	13265	12815	12937	2.22	cps
Cadmium	111-1	1481	1339	1275	1365	7.72	cps
Cadmium	106-1	1675	1525	1475	1559	6.68	cps
Cadmium	108-1	96	113	113	107	8.99	cps
Calcium	43-1	146768	150641	146431	147946	1.58	cps
Calcium	44-1	2499484	2523104	2485918	2502836	0.75	cps
Chromium	52-2	1467	1563	1507	1512	3.21	cps
Cobalt	59-2	1390	1413	1280	1361	5.23	cps
Copper	63-2	1409423	1399549	1403531	1404168	0.35	cps
Dysprosium	156-1	542	575	500	539	6.97	cps
Dysprosium	156-2	227	200	207	211	6.57	cps
Erbium	164-1	508	508	492	503	1.91	cps
Erbium	164-2	160	127	153	147	12.03	cps
Gadolinium	160-1	525	575	608	569	7.36	cps
Gadolinium	160-2	223	243	233	233	4.29	cps
Holmium	165-1	6983830	6744864	7094906	6941200	2.58	cps
Holmium	165-2	2171936	2191378	2150159	2171158	0.95	cps
Indium	115-1	6899234	6672480	6888625	6820113	1.88	cps
Indium	115-2	411674	409256	406378	409103	0.65	cps
Iron	56-2	587019	584036	585788	585614	0.26	cps
Iron	57-2	14591	14274	14547	14471	1.19	cps
Lead	206-1	103100	105547	102113	103587	1.71	cps
Lead	207-1	87612	88200	87735	87849	0.35	cps
Lead	208-1	401827	406563	404665	404352	0.59	cps
Lithium	6-1	1280551	1241883	1288475	1270303	1.96	cps
Magnesium	24-2	57049	56530	57233	56937	0.64	cps
Manganese	55-2	148775	149257	149796	149276	0.34	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:42:37	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2117	1859	1692	1889	11.34	cps
Molybdenum	95-1	258	283	383	308	21.45	cps
Molybdenum	96-1	767	625	650	681	11.11	cps
Molybdenum	97-1	292	283	358	311	13.21	cps
Molybdenum	98-1	683	508	550	581	15.75	cps
Neodymium	150-1	587	400	593	527	20.84	cps
Neodymium	150-2	93	153	117	121	24.97	cps
Nickel	60-2	55059	54128	54911	54699	0.91	cps
Phosphorus	31-2	500	592	567	553	8.57	cps
Potassium	39-2	19214	18905	19314	19144	1.11	cps
Rhodium	103-1	6594168	6378494	6706192	6559618	2.54	cps
Rhodium	103-2	2165980	2136137	2144719	2148945	0.71	cps
Scandium	45-1	4683237	4508640	4685890	4625923	2.20	cps
Scandium	45-2	44918	44276	44928	44708	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-139	-17	50	-35	-271.87	cps
Silicon	28-1	6428969	7003941	6375584	6602831	5.28	cps
Silver	109-1	2675	2992	2925	2864	5.83	cps
Silver	107-1	3025	3267	3276	3189	4.45	cps
Sodium	23-2	1133792	1158903	1134740	1142478	1.25	cps
Strontium	86-1	59062	59012	59247	59107	0.21	cps
Strontium	88-1	496935	496809	494543	496096	0.27	cps
Sulfur	34-1	478788	472440	474835	475354	0.67	cps
Terbium	159-1	7497411	7199999	7503564	7400325	2.34	cps
Terbium	159-2	2130946	2140797	2142387	2138043	0.29	cps
Thallium	203-1	450	400	475	442	8.65	cps
Thallium	205-1	1183	1225	892	1100	16.51	cps
Tin	118-1	3851	3984	3667	3834	4.15	cps
Titanium	47-1	14867	14992	14925	14928	0.42	cps
Uranium	238-1	2017	2092	1934	2014	3.93	cps
Vanadium	51-2	437	413	383	411	6.50	cps
Yttrium	89-1	7796299	7402670	7727825	7642264	2.75	cps
Yttrium	89-2	307733	304344	306571	306216	0.56	cps
Zinc	66-2	321675	320557	320724	320985	0.19	cps
Zirconium	90-1	4576	4076	4209	4287	6.04	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:42:37	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1183	983	933	1033	12.80	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41DUP Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:45:45 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3075	2884	2825	2928	4.47	cps
Antimony	121-1	7302	7452	7427	7394	1.09	cps
Arsenic	75-2	100	69	96	88	19.49	cps
Barium	135-1	62758	63478	63553	63263	0.69	cps
Barium	137-1	108099	109089	109627	108939	0.71	cps
Beryllium	9-1	156	200	167	174	13.29	cps
Bismuth	209-1	3888446	3932020	3962381	3927616	0.95	cps
Bismuth	209-2	1530837	1533506	1529617	1531320	0.13	cps
Boron	10-1	2700	2650	2667	2673	0.95	cps
Boron	11-1	11905	11247	11605	11586	2.85	cps
Cadmium	111-1	1356	1328	1461	1382	5.10	cps
Cadmium	106-1	1592	1533	1625	1584	2.93	cps
Cadmium	108-1	83	125	79	96	26.44	cps
Calcium	43-1	148494	148310	147812	148205	0.24	cps
Calcium	44-1	2542850	2566445	2503089	2537461	1.26	cps
Chromium	52-2	1437	1570	1317	1441	8.79	cps
Cobalt	59-2	1440	1343	1307	1363	5.05	cps
Copper	63-2	1430135	1437936	1424170	1430747	0.48	cps
Dysprosium	156-1	684	583	533	600	12.74	cps
Dysprosium	156-2	160	250	170	193	25.52	cps
Erbium	164-1	608	492	550	550	10.61	cps
Erbium	164-2	137	150	123	137	9.75	cps
Gadolinium	160-1	750	800	600	717	14.52	cps
Gadolinium	160-2	217	233	200	217	7.69	cps
Holmium	165-1	6994490	6892426	6997668	6961528	0.86	cps
Holmium	165-2	2177096	2145304	2152618	2158339	0.77	cps
Indium	115-1	6688570	6795910	6992980	6825820	2.26	cps
Indium	115-2	403475	405131	407704	405437	0.53	cps
Iron	56-2	590270	590377	591885	590844	0.15	cps
Iron	57-2	14536	14897	14519	14651	1.46	cps
Lead	206-1	106751	105352	104752	105618	0.97	cps
Lead	207-1	88681	91147	89794	89874	1.37	cps
Lead	208-1	412002	416662	414111	414258	0.56	cps
Lithium	6-1	1245189	1256256	1278271	1259905	1.34	cps
Magnesium	24-2	59550	58203	57726	58493	1.62	cps
Manganese	55-2	150211	148978	151184	150124	0.74	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41DUP	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:45:45	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1467	1492	1467	1475	0.98	cps
Molybdenum	95-1	325	308	317	317	2.63	cps
Molybdenum	96-1	675	817	808	767	10.37	cps
Molybdenum	97-1	450	350	358	386	14.37	cps
Molybdenum	98-1	575	575	542	564	3.41	cps
Neodymium	150-1	633	653	600	629	4.28	cps
Neodymium	150-2	170	177	130	159	15.89	cps
Nickel	60-2	56106	54848	55001	55318	1.24	cps
Phosphorus	31-2	550	375	425	450	20.03	cps
Potassium	39-2	19823	19556	19606	19662	0.72	cps
Rhodium	103-1	6555182	6534810	6617611	6569201	0.66	cps
Rhodium	103-2	2128430	2124918	2112068	2121805	0.41	cps
Scandium	45-1	4565353	4553553	4656822	4591909	1.23	cps
Scandium	45-2	44527	44735	43765	44342	1.15	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-120	-121	-83	-108	-19.88	cps
Silicon	28-1	6628647	6628144	6459365	6572052	1.48	cps
Silver	109-1	2559	2350	2200	2370	7.60	cps
Silver	107-1	2692	2825	2692	2737	2.81	cps
Sodium	23-2	1153612	1149404	1164373	1155796	0.67	cps
Strontium	86-1	59875	60895	58292	59687	2.20	cps
Strontium	88-1	510767	512016	505083	509289	0.73	cps
Sulfur	34-1	470523	468296	462302	467040	0.91	cps
Terbium	159-1	7436432	7350205	7463916	7416851	0.80	cps
Terbium	159-2	2108484	2130330	2132205	2123673	0.62	cps
Thallium	203-1	350	275	350	325	13.32	cps
Thallium	205-1	800	608	742	717	13.71	cps
Tin	118-1	3484	3926	3717	3709	5.96	cps
Titanium	47-1	15042	15568	15476	15362	1.83	cps
Uranium	238-1	2034	2350	2192	2192	7.22	cps
Vanadium	51-2	467	320	373	387	19.20	cps
Yttrium	89-1	7655559	7592369	7710543	7652824	0.77	cps
Yttrium	89-2	304211	304074	304461	304249	0.06	cps
Zinc	66-2	324295	324266	324873	324478	0.11	cps
Zirconium	90-1	4067	4118	4310	4165	3.07	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41DUP	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:45:45	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	800	975	792	856	12.10	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41LX5 Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 5
 Date & Time Acquired :: 2017-07-28 18:48:53 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	483	617	544	12.37	cps
Antimony	121-1	958	625	825	803	20.90	cps
Arsenic	75-2	20	17	20	19	11.16	cps
Barium	135-1	11514	11814	11380	11569	1.92	cps
Barium	137-1	19908	19031	20625	19855	4.02	cps
Beryllium	9-1	117	200	150	156	26.97	cps
Bismuth	209-1	3803304	3720052	3734348	3752568	1.19	cps
Bismuth	209-2	1452292	1452689	1443760	1449580	0.35	cps
Boron	10-1	1734	1642	1609	1661	3.90	cps
Boron	11-1	7752	7677	7569	7666	1.20	cps
Cadmium	111-1	1138	962	1091	1063	8.58	cps
Cadmium	106-1	1542	1333	1483	1453	7.40	cps
Cadmium	108-1	29	25	21	25	16.68	cps
Calcium	43-1	30033	28446	31135	29871	4.53	cps
Calcium	44-1	496682	493039	493779	494500	0.39	cps
Chromium	52-2	1163	1087	1227	1159	6.05	cps
Cobalt	59-2	260	293	257	270	7.51	cps
Copper	63-2	267517	261784	263170	264157	1.13	cps
Dysprosium	156-1	150	125	100	125	20.00	cps
Dysprosium	156-2	37	27	17	27	37.50	cps
Erbium	164-1	142	58	158	119	44.85	cps
Erbium	164-2	33	20	43	32	36.33	cps
Gadolinium	160-1	150	242	125	172	35.67	cps
Gadolinium	160-2	53	73	60	62	16.37	cps
Holmium	165-1	6606700	6546989	6716447	6623378	1.30	cps
Holmium	165-2	2061517	2075420	2037569	2058168	0.93	cps
Indium	115-1	6575329	6481890	6528609	6528609	0.72	cps
Indium	115-2	389269	394114	392077	391820	0.62	cps
Iron	56-2	112388	112858	111279	112175	0.72	cps
Iron	57-2	2823	2567	2984	2791	7.53	cps
Lead	206-1	19254	19276	18820	19117	1.35	cps
Lead	207-1	16762	16661	16956	16793	0.89	cps
Lead	208-1	75734	75188	74848	75257	0.59	cps
Lithium	6-1	1184058	1217669	1197512	1199746	1.41	cps
Magnesium	24-2	10338	10905	11255	10832	4.27	cps
Manganese	55-2	27537	28449	28436	28141	1.86	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41LX5	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 18:48:53	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450	483	408	447	8.40	cps
Molybdenum	95-1	117	42	75	78	48.31	cps
Molybdenum	96-1	217	258	225	233	9.45	cps
Molybdenum	97-1	242	208	242	231	8.35	cps
Molybdenum	98-1	142	158	150	150	5.56	cps
Neodymium	150-1	107	140	120	122	13.73	cps
Neodymium	150-2	13	23	20	19	26.96	cps
Nickel	60-2	10471	10187	10591	10416	1.99	cps
Phosphorus	31-2	117	100	108	108	7.69	cps
Potassium	39-2	6468	6985	6869	6774	4.00	cps
Rhodium	103-1	6173255	6325755	6306086	6268365	1.32	cps
Rhodium	103-2	2017558	2002660	2041190	2020470	0.96	cps
Scandium	45-1	4369123	4380898	4432227	4394082	0.76	cps
Scandium	45-2	42675	41889	42708	42424	1.09	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-24	-70	-219	-104	-97.65	cps
Silicon	28-1	1639647	1624083	1695297	1653009	2.26	cps
Silver	109-1	542	533	625	567	8.95	cps
Silver	107-1	625	775	692	697	10.78	cps
Sodium	23-2	210491	213222	210814	211509	0.71	cps
Strontium	86-1	12206	11906	12648	12253	3.05	cps
Strontium	88-1	92999	91573	92514	92362	0.78	cps
Sulfur	34-1	432487	428446	431052	430662	0.48	cps
Terbium	159-1	6974637	7091742	7098497	7054959	0.99	cps
Terbium	159-2	2037975	1980548	2005173	2007898	1.43	cps
Thallium	203-1	75	100	108	94	18.37	cps
Thallium	205-1	225	258	267	250	8.82	cps
Tin	118-1	1150	1125	1142	1139	1.12	cps
Titanium	47-1	2784	3076	2775	2878	5.94	cps
Uranium	238-1	458	400	417	425	7.07	cps
Vanadium	51-2	107	97	93	99	7.02	cps
Yttrium	89-1	7340259	7333250	7267983	7313831	0.54	cps
Yttrium	89-2	291434	292552	290052	291346	0.43	cps
Zinc	66-2	59500	59728	59678	59635	0.20	cps
Zirconium	90-1	1292	1158	992	1147	13.10	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41LX5	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	5
Date & Time Acquired ::	2017-07-28 18:48:53	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	317	283	292	7.56	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41MS Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:52:01 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19815	19272	18963	19350	2.23	cps
Antimony	121-1	8197704	8212891	8225847	8212147	0.17	cps
Arsenic	75-2	124760	124054	122788	123867	0.81	cps
Barium	135-1	474011	472310	473847	473389	0.20	cps
Barium	137-1	818026	815076	815669	816257	0.19	cps
Beryllium	9-1	355858	355315	349106	353426	1.06	cps
Bismuth	209-1	3837230	4119201	4107365	4021265	3.97	cps
Bismuth	209-2	1555922	1551646	1550976	1552848	0.17	cps
Boron	10-1	59900	60821	61599	60774	1.40	cps
Boron	11-1	273306	279881	279920	277702	1.37	cps
Cadmium	111-1	465984	467114	466256	466451	0.13	cps
Cadmium	106-1	44232	43228	42376	43279	2.15	cps
Cadmium	108-1	31278	31491	31759	31509	0.76	cps
Calcium	43-1	170810	173014	168281	170702	1.39	cps
Calcium	44-1	2883714	2863657	2850563	2865978	0.58	cps
Chromium	52-2	507045	501088	502654	503596	0.61	cps
Cobalt	59-2	532634	530398	524842	529292	0.76	cps
Copper	63-2	2116609	2084028	2043406	2081348	1.76	cps
Dysprosium	156-1	269211	269969	266468	268549	0.69	cps
Dysprosium	156-2	8640	8913	8930	8828	1.85	cps
Erbium	164-1	567	675	558	600	10.85	cps
Erbium	164-2	193	147	153	164	15.35	cps
Gadolinium	160-1	817	575	900	764	22.10	cps
Gadolinium	160-2	250	237	247	244	2.84	cps
Holmium	165-1	6872810	7220694	7273674	7122393	3.06	cps
Holmium	165-2	2196874	2165545	2183124	2181848	0.72	cps
Indium	115-1	6603189	7009048	6982066	6864768	3.31	cps
Indium	115-2	398834	392876	393133	394948	0.85	cps
Iron	56-2	3189364	3182742	3203096	3191734	0.33	cps
Iron	57-2	76973	76677	77403	77018	0.47	cps
Lead	206-1	5078750	5093798	5095138	5089229	0.18	cps
Lead	207-1	4508863	4499031	4529213	4512369	0.34	cps
Lead	208-1	20249213	20382855	20444616	20358895	0.49	cps
Lithium	6-1	1227131	1319482	1302534	1283049	3.83	cps
Magnesium	24-2	140303	138756	139613	139557	0.56	cps
Manganese	55-2	211931	208163	209719	209938	0.90	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41MS	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:52:01	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1060022	1063436	1052043	1058500	0.55	cps
Molybdenum	95-1	1937867	1929302	1897949	1921706	1.09	cps
Molybdenum	96-1	2039759	2070152	2057602	2055838	0.74	cps
Molybdenum	97-1	1142803	1152768	1153370	1149647	0.52	cps
Molybdenum	98-1	3057313	3045114	3047180	3049869	0.21	cps
Neodymium	150-1	707	593	547	616	13.37	cps
Neodymium	150-2	97	137	80	104	27.88	cps
Nickel	60-2	441624	435585	436444	437884	0.75	cps
Phosphorus	31-2	4834	4242	4709	4595	6.79	cps
Potassium	39-2	300278	289444	289336	293019	2.15	cps
Rhodium	103-1	6481140	6807566	6796935	6695214	2.77	cps
Rhodium	103-2	2150176	2111714	2089146	2117012	1.46	cps
Scandium	45-1	4523967	4758853	4711364	4664728	2.66	cps
Scandium	45-2	44193	43434	43450	43692	0.99	cps
Selenium	77-2	2554	2210	2340	2368	7.32	cps
Selenium	78-2	8243	7884	8041	8056	2.24	cps
Selenium	82-1	312667	310300	312186	311718	0.40	cps
Silicon	28-1	10822659	10644135	10553595	10673463	1.28	cps
Silver	109-1	808546	820267	822471	817095	0.92	cps
Silver	107-1	862994	860845	859718	861186	0.19	cps
Sodium	23-2	1383253	1373630	1369396	1375426	0.52	cps
Strontium	86-1	652320	652400	653610	652777	0.11	cps
Strontium	88-1	5691382	5710756	5671810	5691316	0.34	cps
Sulfur	34-1	444765	441207	435574	440515	1.05	cps
Terbium	159-1	7293782	7721514	7760878	7592058	3.41	cps
Terbium	159-2	2162137	2131495	2159266	2150966	0.79	cps
Thallium	203-1	12120111	12074905	12374280	12189765	1.32	cps
Thallium	205-1	28672158	28824183	29315195	28937179	1.16	cps
Tin	118-1	5120784	5085028	5157745	5121185	0.71	cps
Titanium	47-1	292615	288474	286992	289360	1.01	cps
Uranium	238-1	2250	2175	2142	2189	2.53	cps
Vanadium	51-2	277134	272249	275013	274799	0.89	cps
Yttrium	89-1	7425624	7907124	7889023	7740590	3.53	cps
Yttrium	89-2	305464	300388	301251	302368	0.90	cps
Zinc	66-2	349136	343671	341709	344839	1.12	cps
Zirconium	90-1	11147	9921	9587	10218	8.04	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41MS	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:52:01	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3092	2542	2475	2703	12.52	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41MSD Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:55:03 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19740	19789	18796	19442	2.88	cps
Antimony	121-1	8566210	8475024	8611770	8551001	0.81	cps
Arsenic	75-2	127231	126588	126880	126899	0.25	cps
Barium	135-1	494050	493788	502084	496641	0.95	cps
Barium	137-1	858093	853676	849693	853821	0.49	cps
Beryllium	9-1	365372	364141	363095	364203	0.31	cps
Bismuth	209-1	4140436	4234014	4192637	4189029	1.12	cps
Bismuth	209-2	1577026	1563797	1555099	1565307	0.71	cps
Boron	10-1	64394	63617	64228	64080	0.64	cps
Boron	11-1	288337	296814	295390	293514	1.55	cps
Cadmium	111-1	485401	482091	490259	485917	0.85	cps
Cadmium	106-1	45319	46590	47476	46462	2.33	cps
Cadmium	108-1	32293	32134	32097	32175	0.32	cps
Calcium	43-1	174446	172885	170937	172756	1.02	cps
Calcium	44-1	2923121	2910348	2885985	2906485	0.65	cps
Chromium	52-2	524571	517946	510735	517751	1.34	cps
Cobalt	59-2	551425	544646	541857	545976	0.90	cps
Copper	63-2	2144410	2163428	2134512	2147450	0.68	cps
Dysprosium	156-1	275414	275192	273035	274547	0.48	cps
Dysprosium	156-2	9173	9594	9163	9310	2.64	cps
Erbium	164-1	675	708	675	686	2.81	cps
Erbium	164-2	173	143	193	170	14.80	cps
Gadolinium	160-1	800	783	883	822	6.52	cps
Gadolinium	160-2	230	263	220	238	9.54	cps
Holmium	165-1	7348972	7370060	7341422	7353485	0.20	cps
Holmium	165-2	2229656	2160011	2152877	2180848	1.95	cps
Indium	115-1	7002851	6957053	6930346	6963417	0.53	cps
Indium	115-2	399467	392836	392924	395076	0.96	cps
Iron	56-2	3315615	3300523	3288074	3301404	0.42	cps
Iron	57-2	80900	80879	79146	80308	1.25	cps
Lead	206-1	5291368	5381748	5410432	5361182	1.16	cps
Lead	207-1	4754789	4770891	4859236	4794972	1.17	cps
Lead	208-1	21572064	21608642	21830402	21670369	0.65	cps
Lithium	6-1	1263596	1305931	1267623	1279050	1.83	cps
Magnesium	24-2	143797	144411	143794	144001	0.25	cps
Manganese	55-2	217343	218672	214321	216779	1.03	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41MSD	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:55:03	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1097687	1098697	1087235	1094540	0.58	cps
Molybdenum	95-1	1999676	1999375	2001094	2000048	0.05	cps
Molybdenum	96-1	2098345	2121362	2131396	2117034	0.80	cps
Molybdenum	97-1	1177915	1189892	1202563	1190123	1.04	cps
Molybdenum	98-1	3125433	3168073	3195775	3163094	1.12	cps
Neodymium	150-1	653	627	733	671	8.27	cps
Neodymium	150-2	150	120	97	122	21.87	cps
Nickel	60-2	450797	449179	446416	448797	0.49	cps
Phosphorus	31-2	5159	5343	4684	5062	6.71	cps
Potassium	39-2	303235	298955	297602	299930	0.98	cps
Rhodium	103-1	6779573	6732283	6793637	6768497	0.47	cps
Rhodium	103-2	2135526	2099020	2123520	2119356	0.88	cps
Scandium	45-1	4727293	4679999	4658628	4688640	0.75	cps
Scandium	45-2	43715	42698	43705	43373	1.35	cps
Selenium	77-2	2497	2447	2360	2435	2.84	cps
Selenium	78-2	8197	8241	8479	8306	1.82	cps
Selenium	82-1	324105	324141	323439	323895	0.12	cps
Silicon	28-1	10948131	10880507	10896490	10908376	0.32	cps
Silver	109-1	853578	849032	852416	851676	0.28	cps
Silver	107-1	893608	901645	907425	900893	0.77	cps
Sodium	23-2	1460158	1421892	1400906	1427652	2.10	cps
Strontium	86-1	682117	666311	676291	674907	1.18	cps
Strontium	88-1	5913253	5849054	5927451	5896586	0.71	cps
Sulfur	34-1	417693	413622	412486	414600	0.66	cps
Terbium	159-1	7764480	7705889	7693921	7721430	0.49	cps
Terbium	159-2	2135075	2117837	2110102	2121005	0.60	cps
Thallium	203-1	12764149	12843188	12916454	12841263	0.59	cps
Thallium	205-1	30562522	30444274	30639203	30548666	0.32	cps
Tin	118-1	5288219	5288082	5357473	5311258	0.75	cps
Titanium	47-1	298264	293440	294991	295565	0.83	cps
Uranium	238-1	2317	2334	2217	2289	2.76	cps
Vanadium	51-2	285912	281403	279721	282345	1.13	cps
Yttrium	89-1	7848368	7804769	7880114	7844417	0.48	cps
Yttrium	89-2	302942	299997	300079	301006	0.56	cps
Zinc	66-2	356375	353848	352066	354096	0.61	cps
Zirconium	90-1	8011	7636	8036	7894	2.84	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41MSD	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:55:03	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2400	2175	2417	2331	5.79	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4461-41A Instrumnet Name : P8
 Client Sample ID : DC14357-41-FL1-DO-W1 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 18:58:06 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19481	19005	19723	19403	1.88	cps
Antimony	121-1	8582200	8529606	8505451	8539086	0.46	cps
Arsenic	75-2	125650	124989	125486	125375	0.27	cps
Barium	135-1	490848	489369	490857	490358	0.17	cps
Barium	137-1	858232	852471	857188	855963	0.36	cps
Beryllium	9-1	355078	357747	356519	356448	0.37	cps
Bismuth	209-1	4213444	4229380	4190106	4210977	0.47	cps
Bismuth	209-2	1567760	1577921	1558825	1568168	0.61	cps
Boron	10-1	61700	63684	65526	63637	3.01	cps
Boron	11-1	288531	289442	297490	291821	1.69	cps
Cadmium	111-1	481653	482336	482272	482087	0.08	cps
Cadmium	106-1	46214	45294	44750	45419	1.63	cps
Cadmium	108-1	32314	32381	31888	32194	0.83	cps
Calcium	43-1	172490	172128	172142	172253	0.12	cps
Calcium	44-1	2914662	2908584	2843388	2888878	1.37	cps
Chromium	52-2	507563	508198	508243	508001	0.07	cps
Cobalt	59-2	534295	533425	533590	533770	0.09	cps
Copper	63-2	2132473	2106984	2132953	2124136	0.70	cps
Dysprosium	156-1	273748	269465	272251	271821	0.80	cps
Dysprosium	156-2	8973	9017	9093	9028	0.67	cps
Erbium	164-1	650	642	517	603	12.39	cps
Erbium	164-2	210	143	213	189	20.90	cps
Gadolinium	160-1	817	850	833	833	2.00	cps
Gadolinium	160-2	240	250	200	230	11.50	cps
Holmium	165-1	7427635	7493811	7471195	7464213	0.45	cps
Holmium	165-2	2181415	2205760	2160244	2182473	1.04	cps
Indium	115-1	6960108	6968998	6924046	6951051	0.34	cps
Indium	115-2	391152	391147	391607	391302	0.07	cps
Iron	56-2	3201335	3199364	3239920	3213540	0.71	cps
Iron	57-2	78633	79744	78331	78902	0.94	cps
Lead	206-1	5353204	5372261	5297458	5340974	0.73	cps
Lead	207-1	4757060	4799216	4730606	4762294	0.73	cps
Lead	208-1	21703057	21756266	21373047	21610790	0.96	cps
Lithium	6-1	1259312	1286573	1275356	1273747	1.08	cps
Magnesium	24-2	141152	141767	143711	142210	0.94	cps
Manganese	55-2	213298	212683	211678	212553	0.38	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41A	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:58:06	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1085304	1084463	1085288	1085019	0.04	cps
Molybdenum	95-1	1967375	1963577	1977254	1969402	0.36	cps
Molybdenum	96-1	2114309	2108843	2119301	2114151	0.25	cps
Molybdenum	97-1	1183297	1181831	1183412	1182846	0.07	cps
Molybdenum	98-1	3136931	3150388	3163367	3150229	0.42	cps
Neodymium	150-1	747	600	700	682	10.98	cps
Neodymium	150-2	157	130	117	134	15.15	cps
Nickel	60-2	446032	441237	445929	444400	0.62	cps
Phosphorus	31-2	4426	4743	4659	4609	3.56	cps
Potassium	39-2	297764	295935	295387	296362	0.42	cps
Rhodium	103-1	6806770	6812974	6777504	6799083	0.28	cps
Rhodium	103-2	2107155	2101751	2088201	2099036	0.47	cps
Scandium	45-1	4621455	4693664	4621091	4645403	0.90	cps
Scandium	45-2	42638	43207	43337	43061	0.86	cps
Selenium	77-2	2244	2397	2527	2389	5.94	cps
Selenium	78-2	8484	7954	8249	8229	3.23	cps
Selenium	82-1	319546	320274	319434	319751	0.14	cps
Silicon	28-1	11229985	10764738	10728988	10907903	2.56	cps
Silver	109-1	850357	839951	844594	844967	0.62	cps
Silver	107-1	890927	894276	888208	891137	0.34	cps
Sodium	23-2	1391826	1411856	1412861	1405515	0.84	cps
Strontium	86-1	665915	660984	665368	664089	0.41	cps
Strontium	88-1	5911959	5794755	5817607	5841440	1.06	cps
Sulfur	34-1	406280	404586	402007	404291	0.53	cps
Terbium	159-1	7868643	7807577	7839123	7838448	0.39	cps
Terbium	159-2	2133395	2113858	2124853	2124035	0.46	cps
Thallium	203-1	12877560	13058078	12867524	12934387	0.83	cps
Thallium	205-1	30541192	30941117	30490909	30657740	0.80	cps
Tin	118-1	5284514	5230535	5194082	5236377	0.87	cps
Titanium	47-1	291740	290277	289262	290427	0.43	cps
Uranium	238-1	1900	2192	1984	2025	7.42	cps
Vanadium	51-2	277025	278699	276576	277434	0.40	cps
Yttrium	89-1	7973414	7882219	7887766	7914466	0.65	cps
Yttrium	89-2	301518	300068	299340	300308	0.37	cps
Zinc	66-2	348007	346922	347954	347627	0.18	cps
Zirconium	90-1	7978	7294	7361	7544	5.00	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4461-41A	Instrumnet Name :	P8
Client Sample ID :	DC14357-41-FL1-DO-W1	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 18:58:06	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2192	2150	2125	2156	1.56	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4462-13	Instrumnet Name :	P8
Client Sample ID :	DC1302-13-FL1-KI-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:01:09	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	192	125	181	28.20	cps
Antimony	121-1	23020	22136	21268	22141	3.96	cps
Arsenic	75-2	65	44	67	59	21.03	cps
Barium	135-1	44401	44184	44501	44362	0.37	cps
Barium	137-1	78399	77636	77637	77890	0.57	cps
Beryllium	9-1	261	206	239	235	11.89	cps
Bismuth	209-1	4247881	4196642	4217485	4220669	0.61	cps
Bismuth	209-2	1549615	1470947	1539208	1519923	2.81	cps
Boron	10-1	4593	4342	4192	4376	4.62	cps
Boron	11-1	21475	21091	20198	20921	3.13	cps
Cadmium	111-1	1345	1145	1218	1236	8.19	cps
Cadmium	106-1	1675	1392	1609	1559	9.51	cps
Cadmium	108-1	33	42	58	44	28.64	cps
Calcium	43-1	147585	145414	144840	145946	0.99	cps
Calcium	44-1	2499940	2465329	2444097	2469789	1.14	cps
Chromium	52-2	2087	2120	2094	2100	0.84	cps
Cobalt	59-2	2274	2320	2287	2294	1.05	cps
Copper	63-2	459726	458004	456167	457965	0.39	cps
Dysprosium	156-1	83	33	67	61	41.67	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	117	67	25	69	66.09	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	67	100	92	86	20.15	cps
Gadolinium	160-2	37	33	23	31	22.31	cps
Holmium	165-1	7334857	7352802	7406403	7364687	0.51	cps
Holmium	165-2	2176517	2056763	2159876	2131052	3.04	cps
Indium	115-1	7104177	7079435	7089357	7090990	0.18	cps
Indium	115-2	400783	376014	400982	392593	3.66	cps
Iron	56-2	7664506	7718488	7652985	7678660	0.46	cps
Iron	57-2	190230	188683	189606	189506	0.41	cps
Lead	206-1	9042	8770	9126	8979	2.07	cps
Lead	207-1	7869	7875	7797	7847	0.55	cps
Lead	208-1	35999	35721	36199	35973	0.67	cps
Lithium	6-1	1270655	1300318	1274338	1281770	1.26	cps
Magnesium	24-2	50148	49788	48016	49317	2.31	cps
Manganese	55-2	9333	9427	9283	9348	0.78	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4462-13	Instrumnet Name :	P8
Client Sample ID :	DC1302-13-FL1-KI-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:01:09	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	825	750	592	722	16.49	cps
Molybdenum	95-1	583	392	383	453	24.99	cps
Molybdenum	96-1	1125	933	1033	1031	9.30	cps
Molybdenum	97-1	317	300	483	367	27.65	cps
Molybdenum	98-1	1008	950	775	911	13.33	cps
Neodymium	150-1	33	53	53	47	24.75	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	3637	3727	3384	3583	4.97	cps
Phosphorus	31-2	667	650	567	628	8.53	cps
Potassium	39-2	18346	18488	19114	18649	2.19	cps
Rhodium	103-1	6804650	6731932	6750359	6762313	0.56	cps
Rhodium	103-2	2094608	1989348	2097897	2060618	3.00	cps
Scandium	45-1	4743849	4666825	4636587	4682420	1.18	cps
Scandium	45-2	43638	41077	43213	42643	3.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	7	7	7	15.72	cps
Selenium	82-1	-91	-84	-17	-64	-63.55	cps
Silicon	28-1	5379429	5330368	5283681	5331159	0.90	cps
Silver	109-1	1042	975	1117	1045	6.79	cps
Silver	107-1	1042	975	992	1003	3.46	cps
Sodium	23-2	1098291	1108899	1110924	1106038	0.61	cps
Strontium	86-1	62327	60585	61598	61503	1.42	cps
Strontium	88-1	522478	519235	511199	517637	1.12	cps
Sulfur	34-1	418561	420899	420587	420016	0.30	cps
Terbium	159-1	7790014	7826137	7993008	7869720	1.38	cps
Terbium	159-2	2141707	2025150	2131415	2099424	3.07	cps
Thallium	203-1	833	667	475	658	27.24	cps
Thallium	205-1	1650	1634	1517	1600	4.54	cps
Tin	118-1	11614	11480	11872	11656	1.71	cps
Titanium	47-1	725	858	675	753	12.59	cps
Uranium	238-1	233	183	283	233	21.43	cps
Vanadium	51-2	117	97	83	99	16.96	cps
Yttrium	89-1	7968667	7942886	7875036	7928863	0.61	cps
Yttrium	89-2	299100	284776	299036	294304	2.80	cps
Zinc	66-2	91308	91285	91372	91321	0.05	cps
Zirconium	90-1	917	842	1017	925	9.49	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4462-13	Instrumnet Name :	P8
Client Sample ID :	DC1302-13-FL1-KI-W4-F	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:01:09	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	208	233	217	6.66	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : I4463-06 Instrumnet Name : P8
 Client Sample ID : DC14452-06-FL1-KI-W4- Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 19:04:16 DataFile Name : 077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892	1025	958	958	6.96	cps
Antimony	121-1	13616	14008	13232	13619	2.85	cps
Arsenic	75-2	65	65	72	67	6.35	cps
Barium	135-1	45688	46182	46549	46140	0.94	cps
Barium	137-1	79859	79354	80788	80001	0.91	cps
Beryllium	9-1	211	150	211	191	18.50	cps
Bismuth	209-1	4226979	4192685	4155479	4191714	0.85	cps
Bismuth	209-2	1511000	1550567	1561411	1540993	1.72	cps
Boron	10-1	3392	3159	3034	3195	5.69	cps
Boron	11-1	15242	15025	14508	14925	2.53	cps
Cadmium	111-1	1156	1073	1112	1114	3.74	cps
Cadmium	106-1	1550	1400	1508	1486	5.21	cps
Cadmium	108-1	29	46	21	32	39.85	cps
Calcium	43-1	147357	146785	144824	146322	0.91	cps
Calcium	44-1	2521568	2488856	2482795	2497740	0.84	cps
Chromium	52-2	1290	1267	1310	1289	1.68	cps
Cobalt	59-2	457	463	420	447	5.22	cps
Copper	63-2	832964	835245	830237	832815	0.30	cps
Dysprosium	156-1	325	308	250	294	13.38	cps
Dysprosium	156-2	63	103	73	80	26.03	cps
Erbium	164-1	233	275	242	250	8.82	cps
Erbium	164-2	80	80	50	70	24.74	cps
Gadolinium	160-1	283	292	400	325	20.03	cps
Gadolinium	160-2	110	93	123	109	13.80	cps
Holmium	165-1	7323267	7269788	7310105	7301054	0.38	cps
Holmium	165-2	2091493	2155567	2176439	2141166	2.07	cps
Indium	115-1	7166948	7110380	7034618	7103982	0.93	cps
Indium	115-2	389395	401288	403165	397949	1.88	cps
Iron	56-2	237398	235979	235702	236360	0.38	cps
Iron	57-2	5768	5774	6085	5875	3.09	cps
Lead	206-1	5218	5207	4973	5133	2.69	cps
Lead	207-1	4323	4412	4473	4403	1.71	cps
Lead	208-1	20185	20240	20524	20316	0.90	cps
Lithium	6-1	1275892	1288208	1292415	1285505	0.67	cps
Magnesium	24-2	50156	51344	51453	50984	1.41	cps
Manganese	55-2	51548	50347	51053	50983	1.18	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4463-06	Instrumnet Name :	P8
Client Sample ID :	DC14452-06-FL1-KI-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:04:16	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	858	792	858	836	4.60	cps
Molybdenum	95-1	300	292	175	256	27.35	cps
Molybdenum	96-1	542	542	700	594	15.38	cps
Molybdenum	97-1	367	317	233	306	22.05	cps
Molybdenum	98-1	600	525	450	525	14.29	cps
Neodymium	150-1	273	267	233	258	8.32	cps
Neodymium	150-2	57	63	47	56	15.09	cps
Nickel	60-2	747	800	750	766	3.90	cps
Phosphorus	31-2	517	600	525	547	8.39	cps
Potassium	39-2	19406	19773	18897	19358	2.27	cps
Rhodium	103-1	6732531	6817038	6719532	6756367	0.78	cps
Rhodium	103-2	2026618	2099271	2124728	2083539	2.44	cps
Scandium	45-1	4663197	4752318	4640232	4685249	1.26	cps
Scandium	45-2	41328	43300	43888	42839	3.13	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	6	19	7	10	66.78	cps
Selenium	82-1	-85	113	116	48	240.05	cps
Silicon	28-1	5493733	5472730	5511974	5492812	0.36	cps
Silver	109-1	825	808	883	839	4.69	cps
Silver	107-1	825	808	717	783	7.45	cps
Sodium	23-2	1147152	1147720	1143840	1146237	0.18	cps
Strontium	86-1	59564	59958	60217	59913	0.55	cps
Strontium	88-1	508616	501075	496659	502117	1.20	cps
Sulfur	34-1	438724	434071	437687	436827	0.56	cps
Terbium	159-1	7742165	7805398	7660219	7735927	0.94	cps
Terbium	159-2	2056400	2128204	2118599	2101068	1.86	cps
Thallium	203-1	417	483	425	442	8.22	cps
Thallium	205-1	908	908	867	895	2.69	cps
Tin	118-1	11614	11272	11372	11419	1.54	cps
Titanium	47-1	4017	3976	4026	4006	0.67	cps
Uranium	238-1	883	783	833	833	6.00	cps
Vanadium	51-2	163	190	187	180	8.07	cps
Yttrium	89-1	7894647	7845093	7861205	7866982	0.32	cps
Yttrium	89-2	288651	298047	298109	294936	1.85	cps
Zinc	66-2	11071	10991	11088	11050	0.47	cps
Zirconium	90-1	1850	1967	1984	1934	3.76	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4463-06	Instrumnet Name :	P8
Client Sample ID :	DC14452-06-FL1-KI-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:04:16	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	325	408	325	353	13.64	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:07:24	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	33	31	15.74	cps
Antimony	121-1	817	1050	833	900	14.46	cps
Arsenic	75-2	9	7	11	9	19.98	cps
Barium	135-1	33	42	50	42	20.00	cps
Barium	137-1	67	33	50	50	33.34	cps
Beryllium	9-1	178	183	167	176	4.82	cps
Bismuth	209-1	3824634	3729321	3693066	3749007	1.81	cps
Bismuth	209-2	1461213	1467727	1457376	1462105	0.36	cps
Boron	10-1	2067	2050	1775	1964	8.34	cps
Boron	11-1	9804	9095	9137	9345	4.26	cps
Cadmium	111-1	1001	1044	1082	1043	3.88	cps
Cadmium	106-1	1417	1467	1508	1464	3.14	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	3959	3992	3517	3823	6.94	cps
Calcium	44-1	59008	59527	58389	58975	0.97	cps
Chromium	52-2	960	1000	1053	1004	4.66	cps
Cobalt	59-2	43	50	40	44	11.46	cps
Copper	63-2	383	397	400	393	2.24	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	33	17	25	33.34	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	58	75	67	67	12.49	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	6736561	6515329	6486447	6579446	2.08	cps
Holmium	165-2	2044311	2070630	2049610	2054850	0.68	cps
Indium	115-1	6541951	6273548	6357154	6390884	2.15	cps
Indium	115-2	384262	386485	387782	386176	0.46	cps
Iron	56-2	3062	3000	3078	3047	1.34	cps
Iron	57-2	83	78	89	83	6.67	cps
Lead	206-1	2302984	2345226	2293217	2313809	1.19	cps
Lead	207-1	2091787	2074167	2094588	2086847	0.53	cps
Lead	208-1	9401047	9401253	9324620	9375640	0.47	cps
Lithium	6-1	1173770	1135372	1144542	1151228	1.74	cps
Magnesium	24-2	67	83	108	86	24.35	cps
Manganese	55-2	63	57	67	62	8.18	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:07:24	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	283	317	308	303	5.73	cps
Molybdenum	95-1	50	67	42	53	24.12	cps
Molybdenum	96-1	225	242	208	225	7.41	cps
Molybdenum	97-1	158	217	167	181	17.47	cps
Molybdenum	98-1	133	92	67	97	34.64	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	100	70	80	21.65	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3926	3501	3584	3670	6.14	cps
Rhodium	103-1	6274091	6032100	6042161	6116117	2.24	cps
Rhodium	103-2	1998344	2013716	2004545	2005535	0.39	cps
Scandium	45-1	4358255	4303306	4214177	4291912	1.69	cps
Scandium	45-2	40880	40960	41518	41119	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	2	4	86.68	cps
Selenium	82-1	26	-34	-32	-14	-250.32	cps
Silicon	28-1	506876	511649	506437	508320	0.57	cps
Silver	109-1	208	167	242	206	18.28	cps
Silver	107-1	158	183	217	186	15.73	cps
Sodium	23-2	5535	5143	4793	5157	7.20	cps
Strontium	86-1	1525	1383	1542	1483	5.87	cps
Strontium	88-1	358	392	333	361	8.10	cps
Sulfur	34-1	395787	395869	397833	396496	0.29	cps
Terbium	159-1	7038187	6849385	6897366	6928313	1.42	cps
Terbium	159-2	2022456	2019375	2011048	2017626	0.29	cps
Thallium	203-1	225	300	275	267	14.32	cps
Thallium	205-1	592	675	683	650	7.80	cps
Tin	118-1	2150	2259	2142	2184	2.98	cps
Titanium	47-1	200	233	192	208	10.58	cps
Uranium	238-1	25	25	33	28	17.31	cps
Vanadium	51-2	23	23	10	19	40.75	cps
Yttrium	89-1	7210738	7202356	7092691	7168595	0.92	cps
Yttrium	89-2	286022	287245	288031	287099	0.35	cps
Zinc	66-2	97	103	117	106	9.65	cps
Zirconium	90-1	517	683	533	578	15.89	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:07:24	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	158	158	147	13.07	cps

LB Number : LB89160 Operator : Jaswal
 Lab Sample ID : CCB38 Instrumnet Name : P8
 Client Sample ID : CCB38 Dilution Factor : 1
 Date & Time Acquired :: 2017-07-28 19:10:30 DataFile Name : 079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	33	19	89.21	cps
Antimony	121-1	750	658	725	711	6.66	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	25	42	17	28	45.82	cps
Barium	137-1	17	50	58	42	52.91	cps
Beryllium	9-1	150	167	122	146	15.35	cps
Bismuth	209-1	3817564	3853700	3808402	3826555	0.63	cps
Bismuth	209-2	1451655	1437261	1453922	1447612	0.62	cps
Boron	10-1	1550	1700	1592	1614	4.80	cps
Boron	11-1	6860	7652	7152	7222	5.55	cps
Cadmium	111-1	999	993	1074	1022	4.41	cps
Cadmium	106-1	1392	1392	1525	1436	5.36	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	3926	3767	3601	3765	4.32	cps
Calcium	44-1	58649	59829	57586	58688	1.91	cps
Chromium	52-2	1177	1180	1140	1166	1.90	cps
Cobalt	59-2	27	23	30	27	12.51	cps
Copper	63-2	363	357	333	351	4.49	cps
Dysprosium	156-1	50	17	25	31	56.77	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	6514897	6678411	6616774	6603360	1.25	cps
Holmium	165-2	2041022	2044293	1998211	2027842	1.27	cps
Indium	115-1	6489883	6552558	6502011	6514817	0.51	cps
Indium	115-2	386323	383855	383560	384579	0.39	cps
Iron	56-2	2817	3150	3023	2997	5.61	cps
Iron	57-2	89	72	56	72	23.07	cps
Lead	206-1	711	661	694	689	3.70	cps
Lead	207-1	483	572	589	548	10.35	cps
Lead	208-1	2506	2628	2639	2591	2.86	cps
Lithium	6-1	1149344	1155638	1144106	1149696	0.50	cps
Magnesium	24-2	117	117	133	122	7.87	cps
Manganese	55-2	30	57	43	43	30.77	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:10:30	DataFile Name :	079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	200	225	247	24.85	cps
Molybdenum	95-1	33	33	50	39	24.75	cps
Molybdenum	96-1	192	258	183	211	19.47	cps
Molybdenum	97-1	242	175	192	203	17.11	cps
Molybdenum	98-1	83	58	117	86	33.98	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	63	70	78	25.11	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3584	4109	3484	3726	9.01	cps
Rhodium	103-1	6238807	6309716	6283936	6277486	0.57	cps
Rhodium	103-2	2025306	2019559	1980561	2008475	1.21	cps
Scandium	45-1	4372336	4393673	4371708	4379239	0.29	cps
Scandium	45-2	41257	42187	41919	41788	1.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-119	-86	-167	-124	-32.69	cps
Silicon	28-1	497547	507778	506047	503790	1.09	cps
Silver	109-1	208	300	133	214	39.03	cps
Silver	107-1	183	275	158	206	29.88	cps
Sodium	23-2	5368	5093	4643	5034	7.27	cps
Strontium	86-1	1492	1358	1542	1464	6.47	cps
Strontium	88-1	283	275	308	289	6.01	cps
Sulfur	34-1	401035	401509	406624	403056	0.77	cps
Terbium	159-1	7033162	7074386	7075909	7061152	0.34	cps
Terbium	159-2	2014141	1996799	2005573	2005505	0.43	cps
Thallium	203-1	167	283	242	231	25.64	cps
Thallium	205-1	442	525	675	547	21.61	cps
Tin	118-1	817	783	708	770	7.21	cps
Titanium	47-1	242	117	133	164	41.41	cps
Uranium	238-1	17	50	50	39	49.48	cps
Vanadium	51-2	7	10	13	10	33.30	cps
Yttrium	89-1	7181857	7293326	7345424	7273536	1.15	cps
Yttrium	89-2	290017	285614	286623	287418	0.80	cps
Zinc	66-2	67	73	73	71	5.41	cps
Zirconium	90-1	417	550	583	517	17.07	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:10:30	DataFile Name :	079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	125	83	119	28.20	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4463-08	Instrumnet Name :	P8
Client Sample ID :	DC14452-08-FL1-KI-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:13:40	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	867	867	950	895	5.38	cps
Antimony	121-1	17812	17437	17153	17468	1.89	cps
Arsenic	75-2	61	56	52	56	8.30	cps
Barium	135-1	41508	42896	42678	42361	1.76	cps
Barium	137-1	74092	75055	74024	74390	0.77	cps
Beryllium	9-1	122	167	156	148	15.61	cps
Bismuth	209-1	4170737	4123146	4030661	4108181	1.73	cps
Bismuth	209-2	1567148	1459538	1541183	1522623	3.69	cps
Boron	10-1	2234	2375	2100	2236	6.15	cps
Boron	11-1	10246	10004	10271	10173	1.45	cps
Cadmium	111-1	1219	1276	1314	1270	3.76	cps
Cadmium	106-1	1509	1634	1650	1597	4.85	cps
Cadmium	108-1	17	25	17	19	24.73	cps
Calcium	43-1	146280	147241	146779	146767	0.33	cps
Calcium	44-1	2495111	2467000	2480304	2480805	0.57	cps
Chromium	52-2	1273	1280	1280	1278	0.30	cps
Cobalt	59-2	337	350	323	337	3.96	cps
Copper	63-2	1523185	1500506	1452585	1492092	2.42	cps
Dysprosium	156-1	175	192	225	197	12.91	cps
Dysprosium	156-2	73	67	80	73	9.09	cps
Erbium	164-1	217	183	242	214	13.68	cps
Erbium	164-2	63	27	67	52	42.50	cps
Gadolinium	160-1	200	258	350	269	28.06	cps
Gadolinium	160-2	100	67	57	74	30.48	cps
Holmium	165-1	7242955	7051633	7137647	7144078	1.34	cps
Holmium	165-2	2155037	2046164	2142073	2114425	2.81	cps
Indium	115-1	7094396	7032861	7006054	7044437	0.64	cps
Indium	115-2	412911	383310	405804	400675	3.86	cps
Iron	56-2	227377	227495	224985	226619	0.62	cps
Iron	57-2	5890	5334	5457	5561	5.25	cps
Lead	206-1	12440	12195	12062	12232	1.57	cps
Lead	207-1	10093	9988	10366	10149	1.92	cps
Lead	208-1	47642	47225	47091	47319	0.61	cps
Lithium	6-1	1272949	1256385	1245779	1258371	1.09	cps
Magnesium	24-2	52975	51084	51578	51879	1.89	cps
Manganese	55-2	40776	41655	40552	40995	1.42	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4463-08	Instrumnet Name :	P8
Client Sample ID :	DC14452-08-FL1-KI-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:13:40	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	892	708	775	792	11.72	cps
Molybdenum	95-1	242	258	150	217	26.92	cps
Molybdenum	96-1	367	367	375	369	1.30	cps
Molybdenum	97-1	292	342	233	289	18.77	cps
Molybdenum	98-1	392	400	492	428	12.97	cps
Neodymium	150-1	193	247	173	204	18.54	cps
Neodymium	150-2	27	27	27	27	0.00	cps
Nickel	60-2	8423	8136	8156	8238	1.94	cps
Phosphorus	31-2	475	400	392	422	10.87	cps
Potassium	39-2	19039	19205	19414	19219	0.98	cps
Rhodium	103-1	6706689	6653195	6653184	6671023	0.46	cps
Rhodium	103-2	2148055	1992688	2099971	2080238	3.82	cps
Scandium	45-1	4719986	4646192	4626050	4664076	1.06	cps
Scandium	45-2	45270	41585	43868	43574	4.27	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	9	4	6	6	45.85	cps
Selenium	82-1	-83	60	-109	-44	-207.96	cps
Silicon	28-1	5670476	5440632	5503235	5538114	2.15	cps
Silver	109-1	992	883	1108	995	11.32	cps
Silver	107-1	1150	1092	1008	1083	6.57	cps
Sodium	23-2	1150349	1159002	1137082	1148811	0.96	cps
Strontium	86-1	59355	58376	57689	58473	1.43	cps
Strontium	88-1	496427	495445	498777	496883	0.34	cps
Sulfur	34-1	447679	441702	445569	444983	0.68	cps
Terbium	159-1	7604552	7555804	7599635	7586664	0.35	cps
Terbium	159-2	2156444	1996587	2111432	2088154	3.95	cps
Thallium	203-1	442	358	308	369	18.23	cps
Thallium	205-1	1217	842	800	953	24.09	cps
Tin	118-1	6127	5927	6577	6210	5.36	cps
Titanium	47-1	4042	3867	3776	3895	3.48	cps
Uranium	238-1	825	600	575	667	20.65	cps
Vanadium	51-2	177	233	183	198	15.66	cps
Yttrium	89-1	7809038	7769611	7775079	7784576	0.27	cps
Yttrium	89-2	306098	286690	302299	298362	3.45	cps
Zinc	66-2	41194	40950	41392	41179	0.54	cps
Zirconium	90-1	1976	1509	1533	1673	15.72	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	I4463-08	Instrumnet Name :	P8
Client Sample ID :	DC14452-08-FL1-KI-W4-	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:13:40	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	333	375	347	6.93	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:16:47	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	8	19	99.00	cps
Antimony	121-1	550	542	508	533	4.13	cps
Arsenic	75-2	0	4	4	2	86.60	cps
Barium	135-1	50	17	25	31	56.77	cps
Barium	137-1	25	58	50	44	39.04	cps
Beryllium	9-1	150	167	139	152	9.21	cps
Bismuth	209-1	3525766	3699483	3687790	3637680	2.67	cps
Bismuth	209-2	1441504	1438608	1438654	1439589	0.12	cps
Boron	10-1	1483	1609	1342	1478	9.03	cps
Boron	11-1	6043	6360	6335	6246	2.82	cps
Cadmium	111-1	1134	1045	1096	1091	4.10	cps
Cadmium	106-1	1609	1475	1542	1542	4.33	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	3834	3567	3567	3656	4.21	cps
Calcium	44-1	57326	59703	58799	58609	2.05	cps
Chromium	52-2	1110	920	960	997	10.05	cps
Cobalt	59-2	47	43	43	44	4.34	cps
Copper	63-2	323	397	333	351	11.33	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	67	75	67	69	6.93	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	6334047	6495502	6488506	6439352	1.42	cps
Holmium	165-2	2034888	2021381	2045483	2033917	0.59	cps
Indium	115-1	6242912	6396804	6531428	6390381	2.26	cps
Indium	115-2	391350	389719	389804	390291	0.24	cps
Iron	56-2	3073	2956	3023	3017	1.94	cps
Iron	57-2	128	72	89	96	29.61	cps
Lead	206-1	2227836	2240745	2214106	2227562	0.60	cps
Lead	207-1	2041349	2042128	2039911	2041129	0.06	cps
Lead	208-1	9167987	9114586	9109678	9130750	0.35	cps
Lithium	6-1	1123667	1174825	1173335	1157276	2.52	cps
Magnesium	24-2	167	108	83	119	35.80	cps
Manganese	55-2	47	87	53	62	34.44	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:16:47	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	242	150	208	24.33	cps
Molybdenum	95-1	25	25	25	25	0.00	cps
Molybdenum	96-1	150	150	117	139	13.86	cps
Molybdenum	97-1	150	208	208	189	17.83	cps
Molybdenum	98-1	75	25	25	42	69.28	cps
Neodymium	150-1	27	0	13	13	100.01	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	73	73	77	74	2.59	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	3926	3609	3651	3728	4.62	cps
Rhodium	103-1	5924987	6193699	6196936	6105208	2.56	cps
Rhodium	103-2	2020725	2028197	1993351	2014091	0.91	cps
Scandium	45-1	4171629	4388527	4409559	4323238	3.05	cps
Scandium	45-2	42484	42160	42444	42363	0.42	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	2	11	5	108.30	cps
Selenium	82-1	41	-35	-50	-15	-334.06	cps
Silicon	28-1	516002	504898	576455	532452	7.23	cps
Silver	109-1	150	158	192	167	13.23	cps
Silver	107-1	242	250	217	236	7.35	cps
Sodium	23-2	5368	5143	5026	5179	3.35	cps
Strontium	86-1	1425	1450	1433	1436	0.89	cps
Strontium	88-1	258	325	333	306	13.45	cps
Sulfur	34-1	404732	402928	407600	405087	0.58	cps
Terbium	159-1	6677061	7008744	6950000	6878602	2.57	cps
Terbium	159-2	2010755	1999466	2001323	2003848	0.30	cps
Thallium	203-1	108	175	117	133	27.24	cps
Thallium	205-1	200	283	283	256	18.83	cps
Tin	118-1	1934	1950	2000	1961	1.77	cps
Titanium	47-1	275	167	133	192	38.64	cps
Uranium	238-1	92	67	17	58	65.46	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	6936083	7164829	7285801	7128905	2.49	cps
Yttrium	89-2	291634	290592	290840	291022	0.19	cps
Zinc	66-2	73	90	67	77	15.68	cps
Zirconium	90-1	508	425	417	450	11.26	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:16:47	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	158	50	114	49.81	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:19:54	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	408	508	408	442	13.07	cps
Arsenic	75-2	6	4	6	5	21.74	cps
Barium	135-1	75	8	67	50	72.65	cps
Barium	137-1	42	67	50	53	24.12	cps
Beryllium	9-1	133	139	111	128	11.50	cps
Bismuth	209-1	3672485	3694825	3659497	3675602	0.49	cps
Bismuth	209-2	1440487	1441471	1447364	1443107	0.26	cps
Boron	10-1	1142	983	942	1022	10.32	cps
Boron	11-1	5043	5118	5059	5073	0.78	cps
Cadmium	111-1	910	800	946	886	8.57	cps
Cadmium	106-1	1308	1142	1358	1270	8.94	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Calcium	43-1	3917	3884	3476	3759	6.54	cps
Calcium	44-1	57243	58339	57235	57605	1.10	cps
Chromium	52-2	1203	1117	1147	1156	3.81	cps
Cobalt	59-2	37	43	47	42	12.06	cps
Copper	63-2	463	443	483	463	4.32	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	17	50	22	114.56	cps
Erbium	164-2	0	17	10	9	94.38	cps
Gadolinium	160-1	42	42	58	47	20.38	cps
Gadolinium	160-2	10	10	23	14	53.28	cps
Holmium	165-1	6521583	6565741	6295856	6461060	2.24	cps
Holmium	165-2	2050204	2036327	2045355	2043962	0.34	cps
Indium	115-1	6434801	6420933	6452585	6436106	0.25	cps
Indium	115-2	391100	390910	388819	390276	0.32	cps
Iron	56-2	3067	3084	2939	3030	2.61	cps
Iron	57-2	83	106	50	80	35.12	cps
Lead	206-1	661	594	589	615	6.54	cps
Lead	207-1	567	483	506	519	8.32	cps
Lead	208-1	2511	2428	2283	2408	4.79	cps
Lithium	6-1	1136432	1131780	1135132	1134448	0.21	cps
Magnesium	24-2	117	108	75	100	22.05	cps
Manganese	55-2	57	67	103	76	32.52	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:19:54	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	167	158	217	181	17.48	cps
Molybdenum	95-1	42	50	25	39	32.73	cps
Molybdenum	96-1	183	175	142	167	13.23	cps
Molybdenum	97-1	117	242	183	181	34.64	cps
Molybdenum	98-1	92	58	42	64	39.85	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	97	60	89	29.13	cps
Phosphorus	31-2	33	17	8	19	65.47	cps
Potassium	39-2	4142	3734	3784	3887	5.73	cps
Rhodium	103-1	6298992	6221951	6146627	6222524	1.22	cps
Rhodium	103-2	2006066	2043864	2019941	2023290	0.95	cps
Scandium	45-1	4378634	4359306	4361290	4366410	0.24	cps
Scandium	45-2	42511	42461	42043	42338	0.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	7	6	33.38	cps
Selenium	82-1	-136	-118	-106	-120	-12.35	cps
Silicon	28-1	500075	495151	492108	495778	0.81	cps
Silver	109-1	142	108	108	119	16.11	cps
Silver	107-1	183	158	175	172	7.39	cps
Sodium	23-2	4609	5043	5210	4954	6.25	cps
Strontium	86-1	1342	1408	1425	1392	3.17	cps
Strontium	88-1	225	192	242	219	11.60	cps
Sulfur	34-1	412579	410809	411149	411512	0.23	cps
Terbium	159-1	6900804	6815715	6895680	6870733	0.69	cps
Terbium	159-2	2005981	1980281	1981911	1989391	0.72	cps
Thallium	203-1	117	133	92	114	18.41	cps
Thallium	205-1	242	283	367	297	21.41	cps
Tin	118-1	550	733	667	650	14.28	cps
Titanium	47-1	175	133	133	147	16.34	cps
Uranium	238-1	50	25	33	36	35.25	cps
Vanadium	51-2	23	20	13	19	26.96	cps
Yttrium	89-1	7192706	7197560	7130899	7173722	0.52	cps
Yttrium	89-2	291621	291345	293903	292290	0.48	cps
Zinc	66-2	67	73	57	66	12.79	cps
Zirconium	90-1	467	717	400	528	31.64	cps

LB Number :	LB89160	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2017-07-28 19:19:54	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	92	125	97	26.19	cps