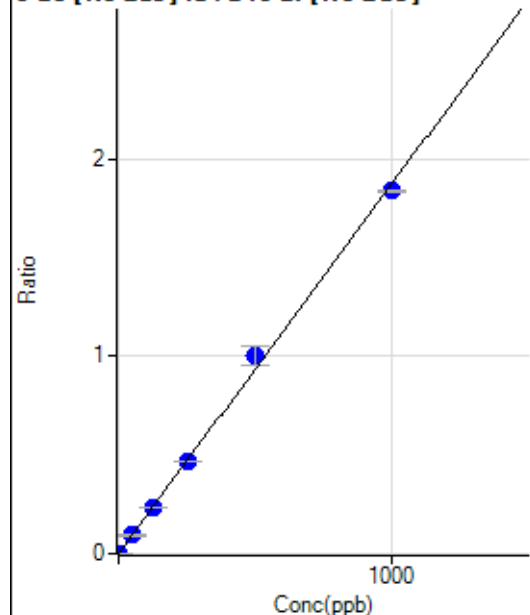


Batch Folder: D:\P8040819-MS.b\
Analysis File: P8040819-MS.batch.bin
DA Date-Time: 2019-04-08 15:50:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-04-08 10:42:59
2			
3	005CALS.d	S02	2019-04-08 10:50:38
4	006CALS.d	S03	2019-04-08 10:54:33
5	007CALS.d	S04	2019-04-08 10:58:27
6	008CALS.d	S05	2019-04-08 11:02:18
7	009CALS.d	S06	2019-04-08 11:06:05
8	010CALS.d	S07	2019-04-08 11:09:46
9	011CALS.d	S08	2019-04-08 11:13:21

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	48.8
2	☐	0.100					
3	☐	1.000	1.143	333.34	0.0022	P	10.8
4	☐	50.000	49.478	14241.69	0.0926	P	1.1
5	☐	125.000	125.766	37080.11	0.2353	P	0.4
6	☐	250.000	249.808	74705.94	0.4672	P	1.5
7	☐	500.000	535.299	145911.91	1.0012	P	9.4
8	☐	1000.000	982.328	280708.64	1.8372	P	0.4
9	☐			64.44	0.0004	P	7.9

$$y = 0.0019 * x + 4.3994E-005$$

$$R = 0.9991$$

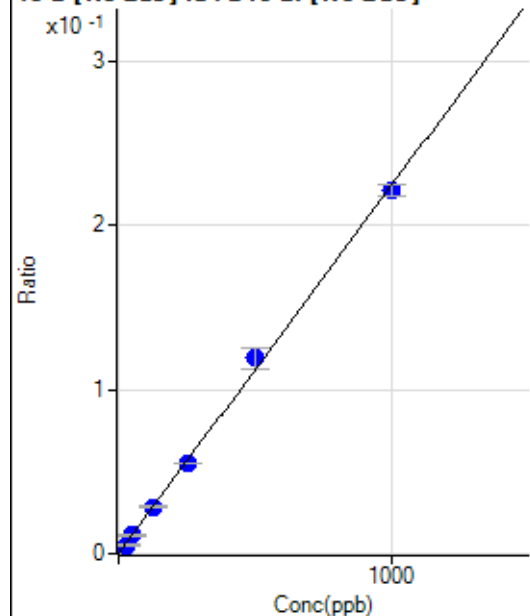
$$DL = 0.03446$$

$$BEC = 0.02352$$

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	19.45	0.0001	P	89.4
2	☐	2.500					
3	☐	25.000	22.449	788.95	0.0052	P	9.8
4	☐	50.000	49.735	1736.31	0.0113	P	8.2
5	☐	125.000	126.819	4506.47	0.0286	P	6.6
6	☐	250.000	245.278	8822.50	0.0552	P	0.8
7	☐	500.000	531.323	17383.46	0.1194	P	10.9
8	☐	1000.000	985.369	33807.60	0.2213	P	3.3
9	☐			558.37	0.0038	P	10.9

$$y = 2.2443E-004 * x + 1.2729E-004$$

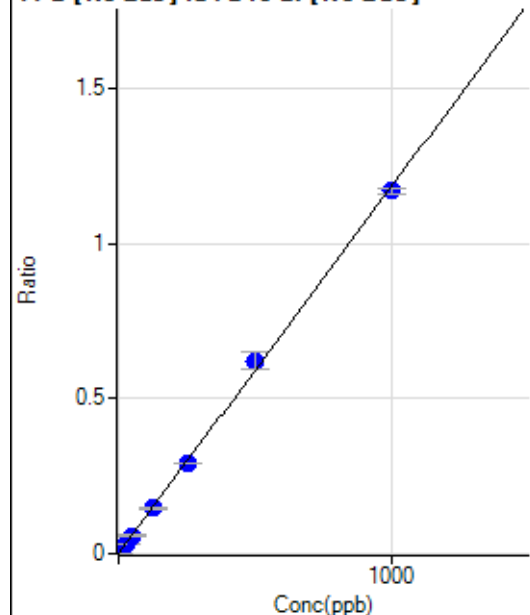
$$R = 0.9992$$

$$DL = 1.522$$

$$BEC = 0.5672$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0006	P	11.4
2	☐	2.500					
3	☐	25.000	23.845	4406.43	0.0289	P	5.9
4	☐	50.000	49.235	9069.90	0.0590	P	1.4
5	☐	125.000	123.054	23077.77	0.1464	P	2.7
6	☐	250.000	245.814	46671.83	0.2919	P	1.3
7	☐	500.000	526.180	90938.44	0.6241	P	9.8
8	☐	1000.000	988.267	179008.52	1.1717	P	1.3
9	☐			3047.67	0.0208	P	12.4

$$y = 0.0012 * x + 6.1000E-004$$

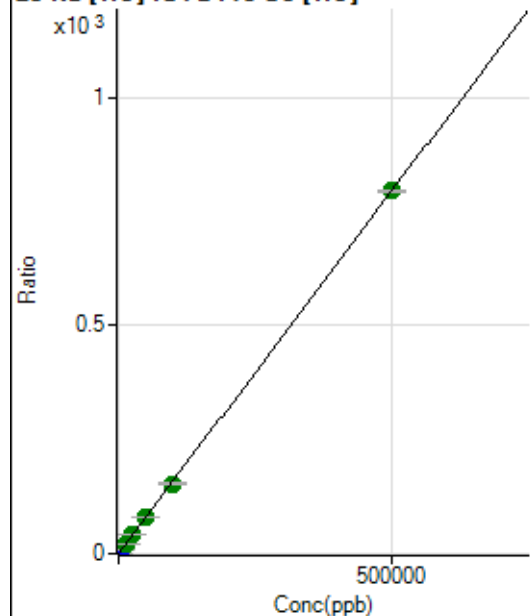
$$R = 0.9995$$

$$DL = 0.1767$$

$$BEC = 0.5148$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8363.95	0.1394	P	3.3
2	☐	50.000					
3	☐	500.000	487.541	55774.56	0.9133	P	2.2
4	☐	5000.000	5234.778	505953.33	8.4480	P	0.6
5	☐	12500.000	13171.640	1244191.46	21.0454	A	1.3
6	☐	25000.000	26396.122	2448257.52	42.0352	A	1.7
7	☐	50000.000	49548.870	4772385.44	78.7830	A	0.6
8	☐	100000.00	96692.615	9410861.67	153.6092	A	1.1
9	☐	500000.00	500617.65	48656027.47	794.7160	A	0.7

$$y = 0.0016 * x + 0.1394$$

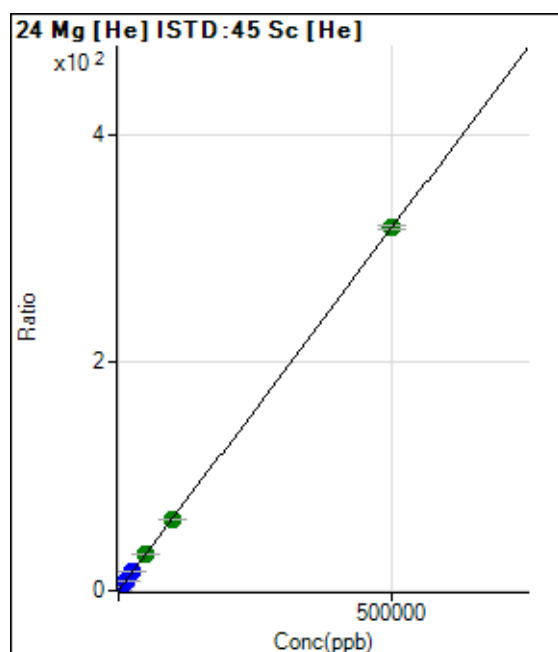
$$R = 1.0000$$

$$DL = 8.783$$

$$BEC = 87.86$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0006	P	86.6
2	☐	50.000					
3	☐	500.000	501.051	19503.06	0.3194	P	2.5
4	☐	5000.000	5207.396	198451.73	3.3139	P	1.8
5	☐	12500.000	12897.822	485174.73	8.2073	P	1.7
6	☐	25000.000	26228.142	972045.68	16.6892	P	0.7
7	☐	50000.000	50590.200	1949963.85	32.1904	A	1.5
8	☐	100000.00	97548.915	3802533.77	62.0696	A	1.5
9	☐	500000.00	500357.76	19492068.84	318.3712	A	0.9

$$y = 6.3629\text{E-}004 * x + 5.5596\text{E-}004$$

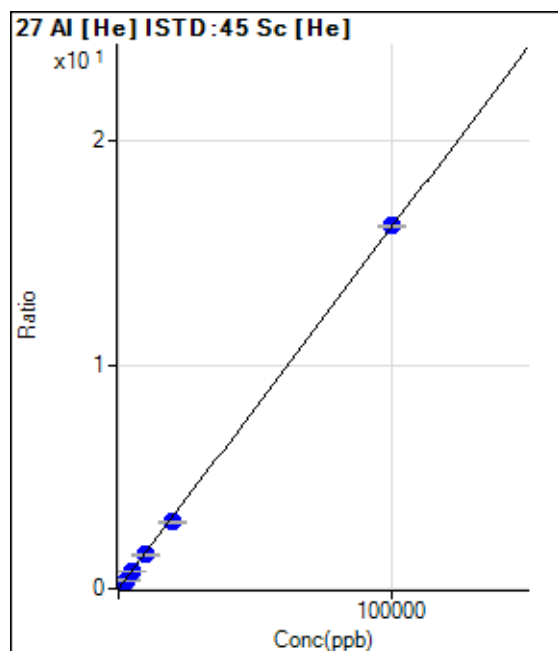
$$R = 1.0000$$

$$DL = 2.27$$

$$BEC = 0.8738$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	123.37	0.0021	P	7.5
2	☐	2.000					
3	☐	20.000	17.121	294.25	0.0048	P	13.9
4	☐	1000.000	963.007	9433.92	0.1575	P	1.8
5	☐	2500.000	2370.187	22740.84	0.3847	P	1.7
6	☐	5000.000	4875.363	45959.49	0.7891	P	1.0
7	☐	10000.000	9307.386	91140.48	1.5046	P	0.3
8	☐	20000.000	18358.014	181696.88	2.9656	P	0.5
9	☐	100000.00	100407.50	992500.86	16.2109	P	0.7

$$y = 1.6143\text{E-}004 * x + 0.0021$$

$$R = 0.9998$$

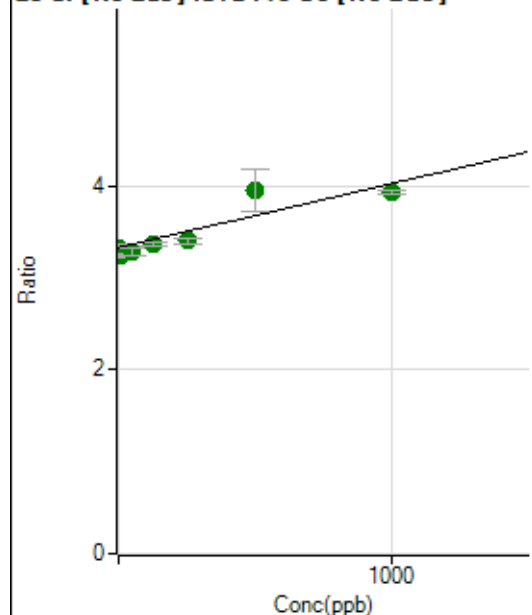
$$DL = 2.874$$

$$BEC = 12.73$$

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	5051933.66	3.3353	A	1.9
2	☐	1.000					
3	☐	10.000	-128.643	4989935.05	3.2460	A	1.6
4	☐	50.000	-80.302	5069866.69	3.2795	A	2.5
5	☐	125.000	45.061	5153178.11	3.3665	A	1.6
6	☐	250.000	98.791	5342502.64	3.4038	A	1.8
7	☐	500.000	884.950	5644398.52	3.9495	A	11.8
8	☐	1000.000	863.221	6201306.61	3.9344	A	0.9
9	☐			5414672.22	3.5438	A	1.5

$$y = 6.9408\text{E-}004 * x + 3.3353$$

$$R = 0.9014$$

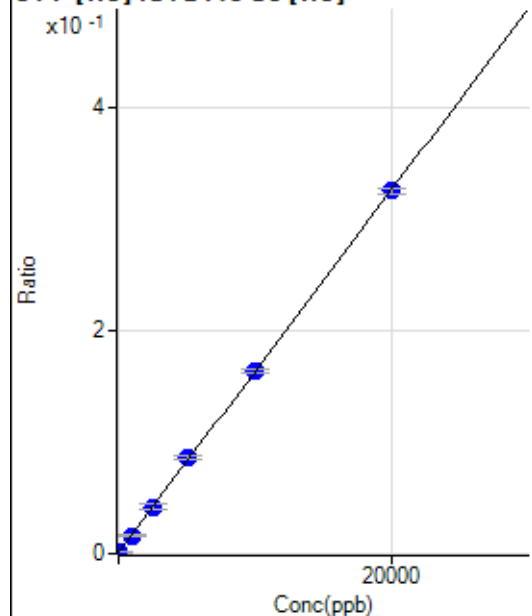
$$DL = 270.7$$

$$BEC = 4805$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-41.634	30.56	0.0005	P	56.6
2	☐	0.000					
3	☐	0.000	41.634	113.90	0.0019	P	35.9
4	☐	1000.000	916.081	963.97	0.0161	P	7.3
5	☐	2500.000	2526.218	2497.56	0.0423	P	10.8
6	☐	5000.000	5187.686	4984.45	0.0856	P	4.0
7	☐	10000.000	10010.010	9937.22	0.1640	P	2.2
8	☐	20000.000	19948.992	19956.49	0.3258	P	1.5
9	☐			41.67	0.0007	P	35.3

$$y = 1.6270\text{E-}005 * x + 0.0012$$

$$R = 0.9999$$

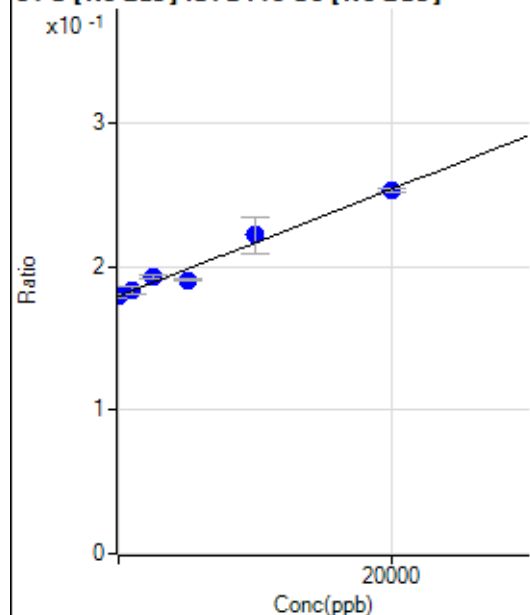
$$DL = 88.18$$

$$BEC = 72.91$$

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	123.927	272643.42	0.1800	P	1.1
2	☐	0.000					
3	☐	0.000	-123.927	275283.29	0.1791	P	1.5
4	☐	1000.000	1091.744	283804.34	0.1836	P	2.7
5	☐	2500.000	3607.761	295394.00	0.1930	P	0.9
6	☐	5000.000	3024.818	299493.71	0.1908	P	1.2
7	☐	10000.000	11397.012	317359.69	0.2220	P	11.5
8	☐	20000.000	19652.232	398396.18	0.2528	P	1.0
9	☐			239705.74	0.1569	P	1.8

$$y = 3.7268\text{E-}006 * x + 0.1795$$

$$R = 0.9888$$

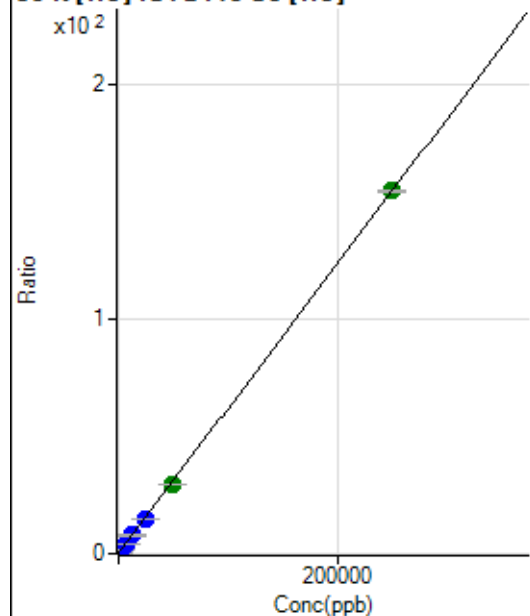
$$DL = 1873$$

$$BEC = 4.817\text{E+}04$$

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	11913.79	0.1986	P	1.2
2	☐	50.000					
3	☐	500.000	455.591	29256.43	0.4790	P	1.4
4	☐	2500.000	2443.994	101995.72	1.7031	P	1.1
5	☐	6250.000	6045.576	231761.26	3.9203	P	1.5
6	☐	12500.000	12333.587	453789.80	7.7913	P	1.2
7	☐	25000.000	23832.234	900774.15	14.8701	P	0.8
8	☐	50000.000	47576.833	1806619.24	29.4877	A	0.9
9	☐	250000.00	250615.49	9457994.57	154.4818	A	0.8

$$y = 6.1562\text{E-}004 * x + 0.1986$$

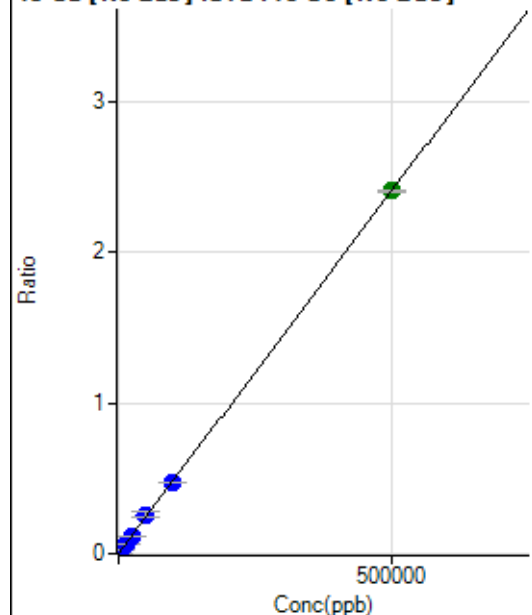
$$R = 0.9999$$

$$DL = 11.66$$

$$BEC = 322.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2107.98	0.0014	P	8.5
2	☐	50.000					
3	☐	500.000	459.871	5538.96	0.0036	P	2.4
4	☐	5000.000	4881.161	38412.55	0.0248	P	1.7
5	☐	12500.000	12413.527	93430.86	0.0610	P	1.1
6	☐	25000.000	24440.779	186491.11	0.1188	P	2.0
7	☐	50000.000	53843.056	371729.93	0.2601	P	11.7
8	☐	100000.00	97153.867	737930.34	0.4682	P	0.8
9	☐	500000.00	500216.27	3674584.67	2.4047	A	0.5

$$y = 4.8046E-006 * x + 0.0014$$

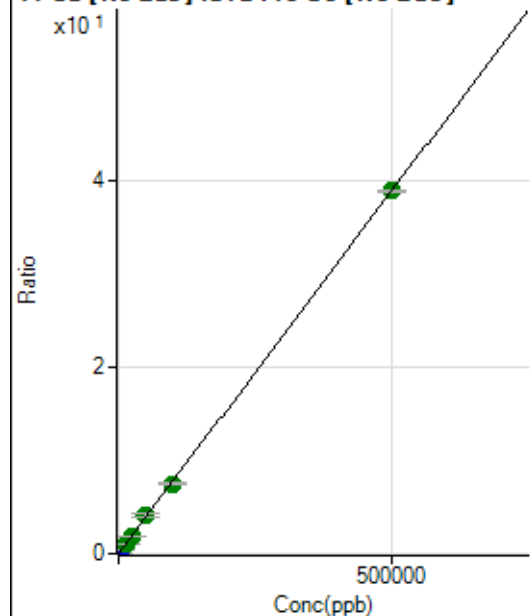
$$R = 0.9999$$

$$DL = 73.63$$

$$BEC = 289.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31387.43	0.0207	P	1.8
2	☐	50.000					
3	☐	500.000	464.761	87490.99	0.0569	P	0.6
4	☐	5000.000	4965.348	629709.25	0.4073	P	2.0
5	☐	12500.000	12678.740	1542888.71	1.0079	A	0.5
6	☐	25000.000	24608.017	3039650.65	1.9366	A	1.7
7	☐	50000.000	53423.475	5975160.26	4.1801	A	11.5
8	☐	100000.00	96223.167	11840750.80	7.5124	A	1.1
9	☐	500000.00	500428.53	59567951.33	38.9828	A	0.5

$$y = 7.7858E-005 * x + 0.0207$$

$$R = 0.9999$$

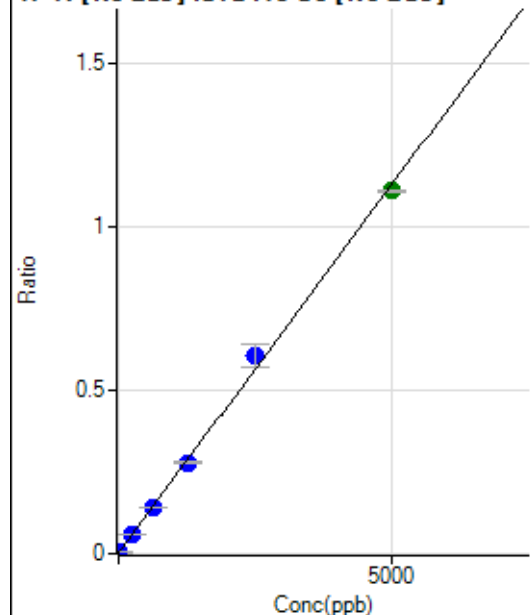
$$DL = 14.16$$

$$BEC = 266.1$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2975.45	0.0020	P	5.0
2	☐	0.500					
3	☐	5.000	4.850	4703.79	0.0031	P	3.1
4	☐	250.000	245.593	88691.69	0.0574	P	2.1
5	☐	625.000	618.796	216706.58	0.1416	P	0.8
6	☐	1250.000	1223.582	436316.21	0.2780	P	1.9
7	☐	2500.000	2676.770	865768.70	0.6058	P	11.8
8	☐	5000.000	4919.216	1752219.83	1.1117	A	0.5
9	☐			3200.52	0.0021	P	5.9

$$y = 2.2559E-004 * x + 0.0020$$

$$R = 0.9991$$

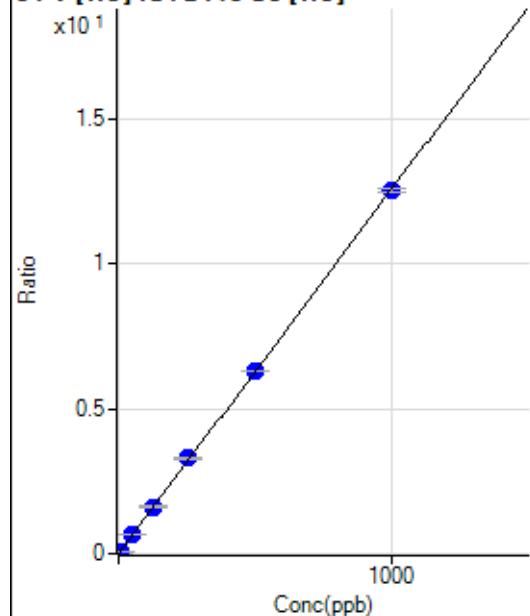
$$DL = 1.315$$

$$BEC = 8.707$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0003	P	59.2
2	☐	0.500					
3	☐	5.000	5.064	3900.61	0.0639	P	3.4
4	☐	50.000	50.701	38120.92	0.6366	P	1.0
5	☐	125.000	127.118	94277.88	1.5955	P	4.3
6	☐	250.000	261.652	191254.64	3.2837	P	1.1
7	☐	500.000	501.810	381470.26	6.2974	P	0.9
8	☐	1000.000	995.882	765653.04	12.4973	P	1.0
9	☐			165.56	0.0027	P	0.6

$$y = 0.0125 * x + 3.3218E-004$$

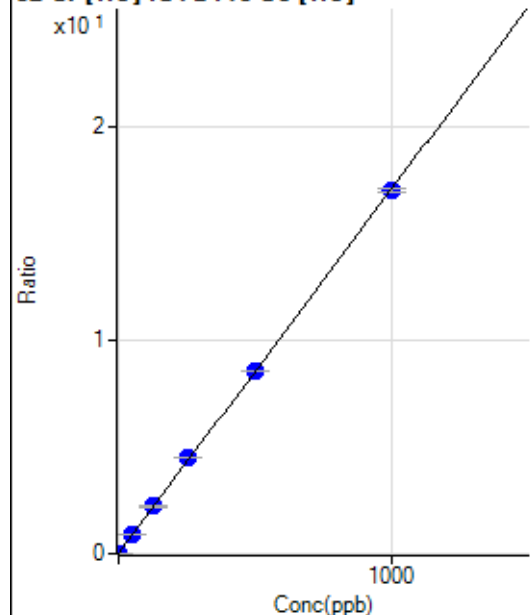
$$R = 0.9999$$

$$DL = 0.04705$$

$$BEC = 0.02647$$

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	650.03	0.0108	P	6.4
2	☐	0.200					
3	☐	2.000	1.951	2700.31	0.0442	P	0.3
4	☐	50.000	51.249	53147.19	0.8875	P	1.8
5	☐	125.000	130.136	132192.72	2.2370	P	4.0
6	☐	250.000	263.835	263498.81	4.5240	P	0.9
7	☐	500.000	501.261	520076.82	8.5855	P	0.8
8	☐	1000.000	995.207	1043652.56	17.0350	P	1.1
9	☐			7949.07	0.1298	P	1.8

$$y = 0.0171 * x + 0.0108$$

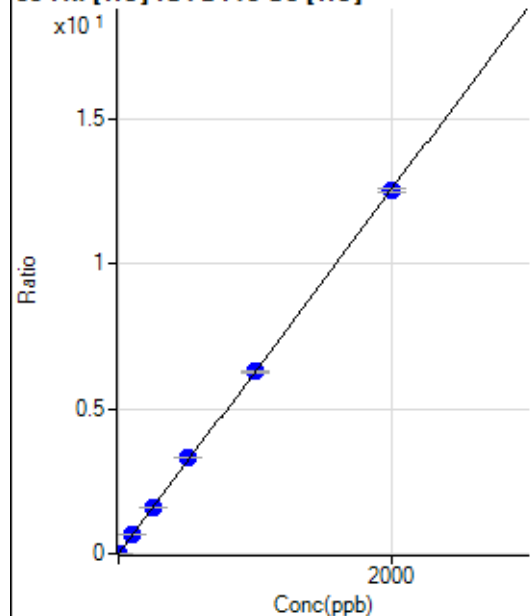
$$R = 0.9999$$

$$DL = 0.1213$$

$$BEC = 0.6337$$

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	12.22	0.0002	P	30.6
2	☐	0.100					
3	☐	1.000	1.090	431.13	0.0071	P	6.9
4	☐	100.000	103.438	38973.24	0.6508	P	0.8
5	☐	250.000	254.888	94780.68	1.6033	P	1.7
6	☐	500.000	525.329	192455.31	3.3042	P	0.4
7	☐	1000.000	1001.614	381615.90	6.2998	P	1.0
8	☐	2000.000	1992.078	767604.85	12.5292	P	1.0
9	☐			3017.05	0.0493	P	4.1

$$y = 0.0063 * x + 2.0343E-004$$

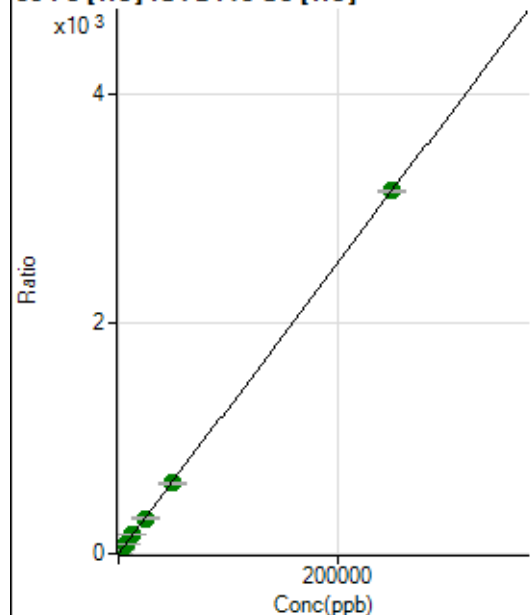
$$R = 0.9999$$

$$DL = 0.02971$$

$$BEC = 0.03234$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	683.37	0.0114	P	15.4
2	☐	5.000					
3	☐	50.000	51.549	40368.21	0.6610	P	1.3
4	☐	2500.000	2597.640	1961035.11	32.7459	A	0.9
5	☐	6250.000	6323.094	4711587.66	79.6928	A	1.1
6	☐	12500.000	12974.733	9523784.70	163.5143	A	0.8
7	☐	25000.000	24536.284	18730816.62	309.2089	A	1.3
8	☐	50000.000	48610.986	37529935.56	612.5896	A	1.3
9	☐	250000.00	250297.63	193114672.8	3,154.172	A	0.4

$$y = 0.0126 * x + 0.0114$$

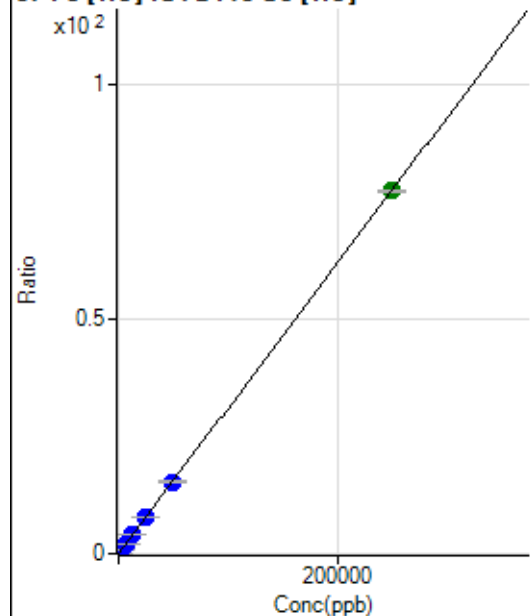
$$R = 1.0000$$

$$DL = 0.4173$$

$$BEC = 0.9049$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.85	0.0009	P	53.7
2	☐	5.000					
3	☐	50.000	48.991	979.70	0.0160	P	4.1
4	☐	2500.000	2577.524	47884.55	0.7996	P	0.9
5	☐	6250.000	6384.546	117025.33	1.9793	P	0.9
6	☐	12500.000	13203.291	238345.52	4.0922	P	0.7
7	☐	25000.000	25021.252	469724.44	7.7542	P	0.5
8	☐	50000.000	49615.650	941973.31	15.3754	P	1.1
9	☐	250000.00	250035.44	4743693.28	77.4798	A	0.6

$$y = 3.0987E-004 * x + 8.6240E-004$$

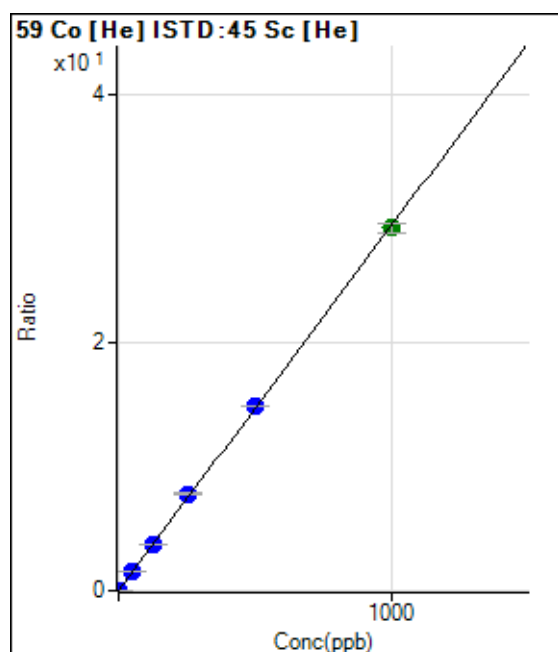
$$R = 1.0000$$

$$DL = 4.483$$

$$BEC = 2.783$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0006	P	25.0
2	☐	0.100					
3	☐	1.000	1.022	1873.49	0.0307	P	2.3
4	☐	50.000	52.164	91987.81	1.5360	P	0.7
5	☐	125.000	128.404	223517.35	3.7800	P	0.4
6	☐	250.000	265.548	455276.14	7.8167	P	0.8
7	☐	500.000	504.513	899581.72	14.8503	P	0.2
8	☐	1000.000	993.323	1791050.39	29.2378	A	2.4
9	☐			21494.51	0.3511	P	1.4

$$y = 0.0294 * x + 6.1202E-004$$

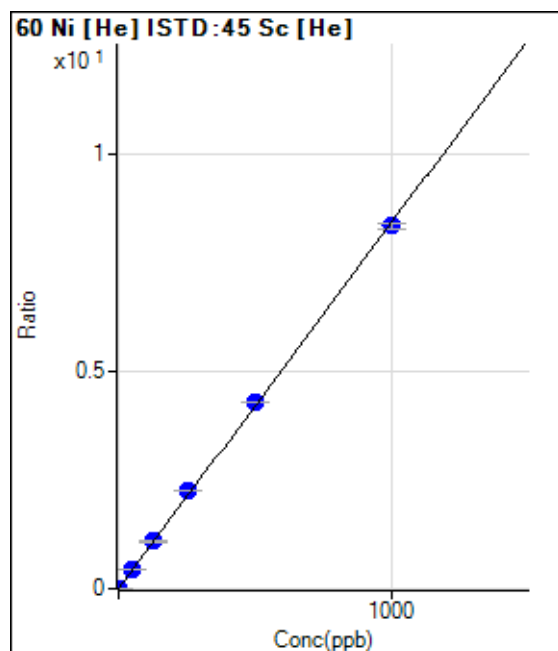
$$R = 0.9998$$

$$DL = 0.01557$$

$$BEC = 0.02079$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0005	P	6.8
2	☐	0.100					
3	☐	1.000	1.055	574.47	0.0094	P	7.3
4	☐	50.000	52.988	26719.20	0.4462	P	0.8
5	☐	125.000	129.245	64317.22	1.0875	P	1.4
6	☐	250.000	267.345	130985.95	2.2489	P	0.6
7	☐	500.000	507.734	258694.67	4.2705	P	0.1
8	☐	1000.000	991.116	510676.71	8.3357	P	1.3
9	☐			6389.35	0.1044	P	5.4

$$y = 0.0084 * x + 5.3729E-004$$

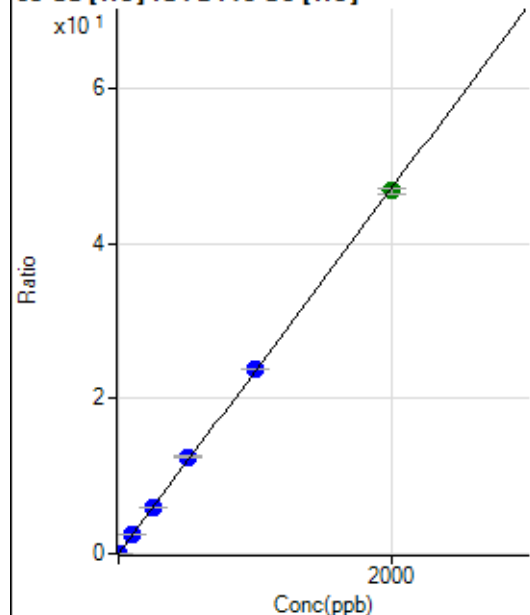
$$R = 0.9998$$

$$DL = 0.01295$$

$$BEC = 0.06389$$

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	347.79	0.0058	P	21.6
2	☐	0.200					
3	☐	2.000	1.964	3181.53	0.0521	P	4.3
4	☐	100.000	103.847	146917.09	2.4530	P	0.8
5	☐	250.000	255.872	356935.30	6.0356	P	1.4
6	☐	500.000	530.747	728832.92	12.5132	P	0.7
7	☐	1000.000	1009.995	1442145.60	23.8071	P	0.4
8	☐	2000.000	1986.389	2868131.55	46.8165	A	1.4
9	☐			5903.57	0.0964	P	0.6

$$y = 0.0236 * x + 0.0058$$

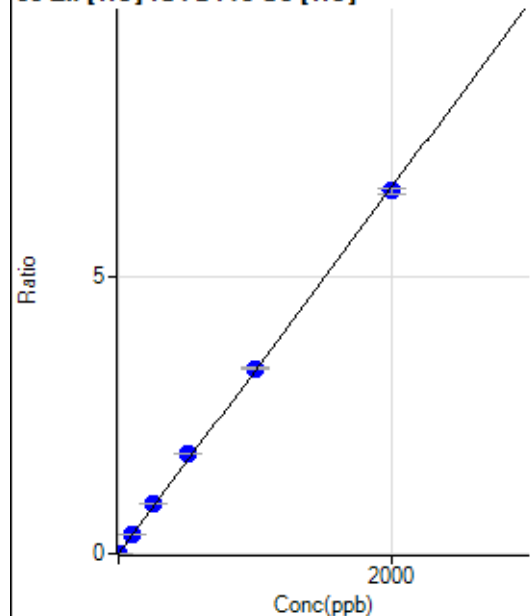
$$R = 0.9998$$

$$DL = 0.1595$$

$$BEC = 0.2463$$

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	102.23	0.0017	P	12.2
2	☐	0.200					
3	☐	2.000	1.870	482.24	0.0079	P	2.7
4	☐	100.000	105.342	20989.45	0.3505	P	3.3
5	☐	250.000	271.696	53278.92	0.9014	P	2.6
6	☐	500.000	542.853	104800.95	1.7993	P	0.3
7	☐	1000.000	1011.042	202910.32	3.3497	P	0.4
8	☐	2000.000	1980.787	401935.83	6.5609	P	1.5
9	☐			3816.15	0.0623	P	1.5

$$y = 0.0033 * x + 0.0017$$

$$R = 0.9997$$

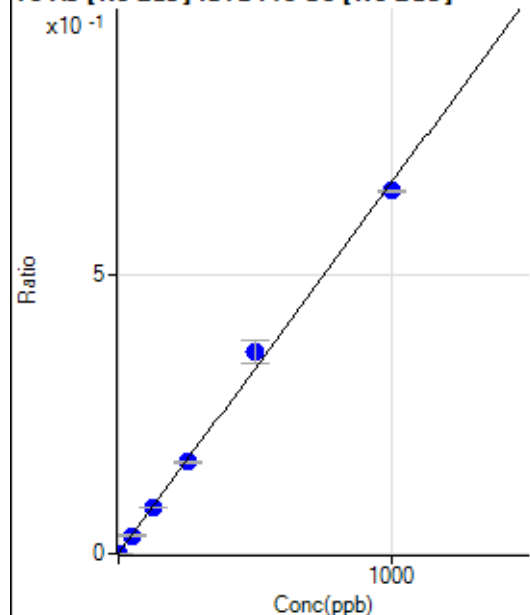
$$DL = 0.1879$$

$$BEC = 0.5145$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.98	0.0003	P	13.0
2	☐	0.100					
3	☐	1.000	1.035	1460.49	0.0010	P	14.0
4	☐	50.000	48.789	50510.29	0.0327	P	1.4
5	☐	125.000	124.231	126701.53	0.0828	P	1.7
6	☐	250.000	248.162	259103.41	0.1651	P	1.9
7	☐	500.000	544.835	517705.93	0.3621	P	11.3
8	☐	1000.000	978.199	1024439.90	0.6500	P	0.4
9	☐			1889.88	0.0012	P	2.1

$$y = 6.6417\text{E-}004 * x + 2.6369\text{E-}004$$

$$R = 0.9985$$

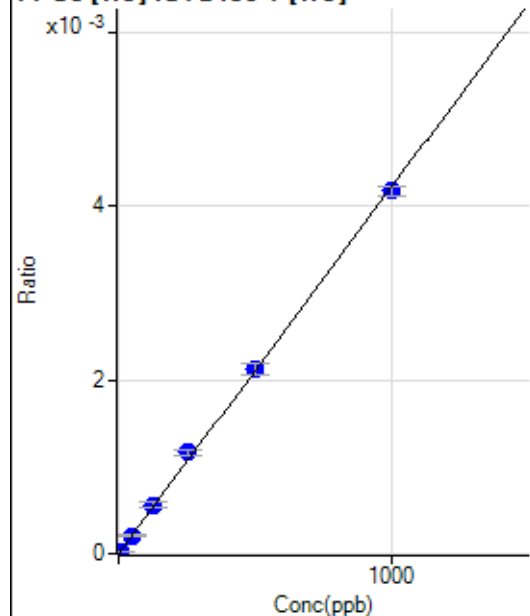
$$DL = 0.1545$$

$$BEC = 0.397$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.693	10.00	0.0000	P	33.2
4	☐	50.000	49.826	86.67	0.0002	P	11.7
5	☐	125.000	133.252	236.67	0.0006	P	14.2
6	☐	250.000	275.459	486.68	0.0012	P	6.8
7	☐	500.000	505.570	900.05	0.0021	P	6.5
8	☐	1000.000	989.824	1772.37	0.0042	P	2.9
9	☐			2.22	0.0000	P	86.6

$$y = 4.2194\text{E-}006 * x + 0.0000\text{E+}000$$

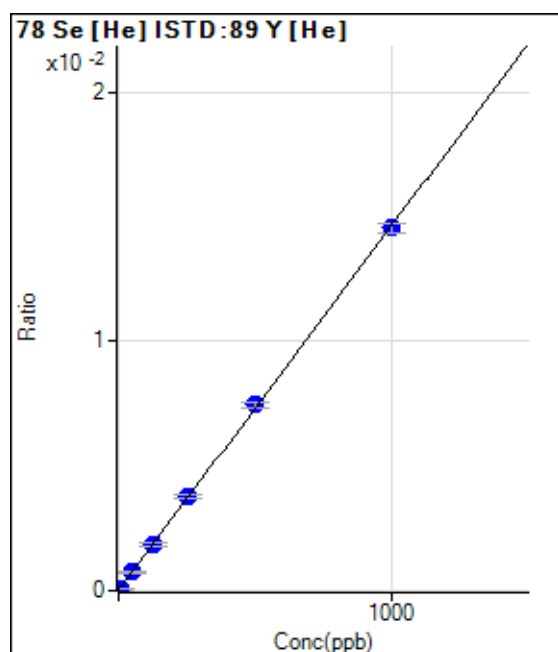
$$R = 0.9996$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.17	0.0000	P	70.1
2	☐	0.500					
3	☐	5.000	5.048	37.04	0.0001	P	23.0
4	☐	50.000	49.886	307.41	0.0007	P	7.1
5	☐	125.000	125.223	775.96	0.0018	P	9.3
6	☐	250.000	257.026	1580.97	0.0038	P	2.5
7	☐	500.000	508.182	3142.36	0.0075	P	2.3
8	☐	1000.000	994.130	6177.36	0.0146	P	2.7
9	☐			8.64	0.0000	P	32.7

$$y = 1.4630\text{E-}005 * x + 1.5160\text{E-}005$$

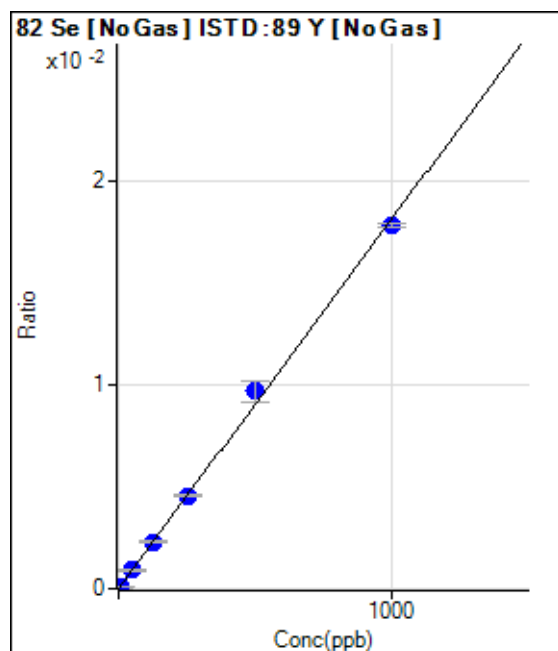
$$R = 0.9999$$

$$DL = 2.178$$

$$BEC = 1.036$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-9.35	0.0000	P	-765.
2	☐	0.500					
3	☐	5.000	4.909	243.83	0.0001	P	21.5
4	☐	50.000	49.960	2608.98	0.0009	P	5.6
5	☐	125.000	127.056	6632.49	0.0023	P	1.3
6	☐	250.000	251.256	13493.42	0.0045	P	2.3
7	☐	500.000	533.895	26476.77	0.0096	P	11.2
8	☐	1000.000	982.484	53211.10	0.0178	P	1.2
9	☐			-5.69	0.0000	P	-729.

$$y = 1.8080\text{E-}005 * x - 3.3493\text{E-}006$$

$$R = 0.9991$$

$$DL = 4.252$$

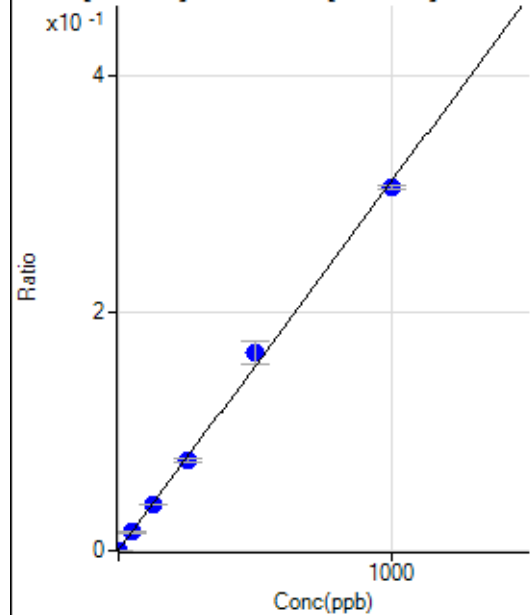
$$BEC = -0.1853$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			390.01		P	9.9
2	☐						
3	☐			405.57		P	3.7
4	☐			411.13		P	9.5
5	☐			416.68		P	6.3
6	☐			403.35		P	12.2
7	☐			428.90		P	4.5
8	☐			406.68		P	6.4
9	☐			426.68		P	10.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	619.49	0.0002	P	7.0
2	☐	0.100					
3	☐	1.000	0.911	1444.60	0.0005	P	6.3
4	☐	50.000	49.264	44936.22	0.0155	P	2.1
5	☐	125.000	124.987	112730.13	0.0390	P	1.1
6	☐	250.000	244.881	226385.22	0.0762	P	3.6
7	☐	500.000	537.257	457821.04	0.1668	P	11.4
8	☐	1000.000	982.690	913838.67	0.3050	P	1.1
9	☐			4359.23	0.0015	P	6.2

$$y = 3.1014\text{E-}004 * x + 2.2249\text{E-}004$$

$$R = 0.9989$$

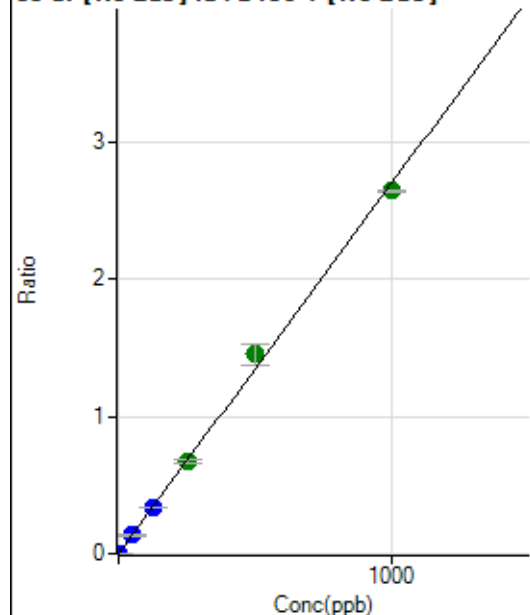
$$DL = 0.1499$$

$$BEC = 0.7174$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	40.3
2	☐	0.100					
3	☐	1.000	0.936	7241.16	0.0025	P	3.5
4	☐	50.000	49.423	386088.12	0.1332	P	2.0
5	☐	125.000	124.691	971561.04	0.3360	P	1.0
6	☐	250.000	250.150	2003722.53	0.6741	A	3.0
7	☐	500.000	539.982	3994513.45	1.4550	A	10.6
8	☐	1000.000	980.039	7912599.83	2.6408	A	0.6
9	☐			32968.86	0.0115	P	2.9

$$y = 0.0027 * x + 1.0919E-005$$

$$R = 0.9988$$

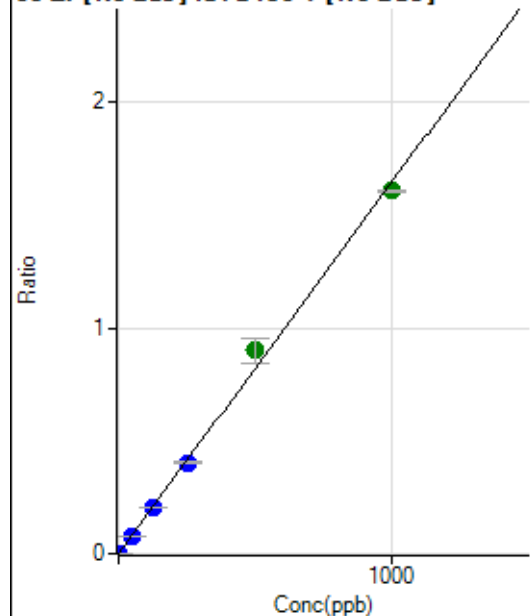
$$DL = 0.004894$$

$$BEC = 0.004052$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.12	0.0001	P	28.1
2	☐	0.100					
3	☐	1.000	0.900	4420.38	0.0015	P	6.6
4	☐	50.000	48.790	232531.70	0.0802	P	1.1
5	☐	125.000	122.788	583396.13	0.2018	P	0.5
6	☐	250.000	245.300	1197931.31	0.4030	P	2.5
7	☐	500.000	547.543	2467145.91	0.8995	A	11.8
8	☐	1000.000	977.741	4812609.79	1.6061	A	0.3
9	☐			1350.14	0.0005	P	3.1

$$y = 0.0016 * x + 6.6610E-005$$

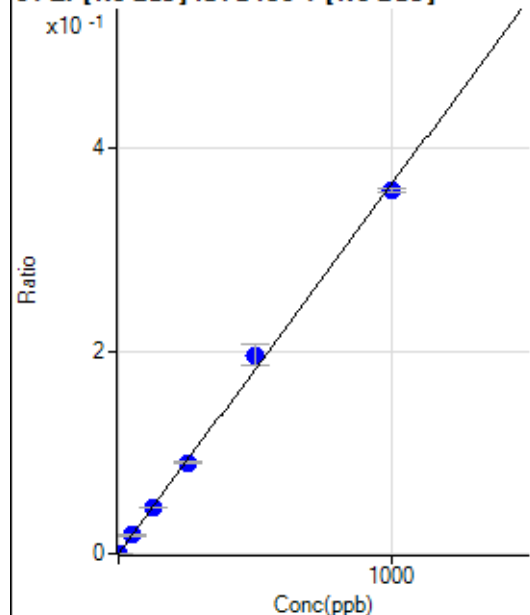
$$R = 0.9983$$

$$DL = 0.03419$$

$$BEC = 0.04055$$

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	91.67	0.0000	P	29.3
2	☐	0.100					
3	☐	1.000	0.992	1127.88	0.0004	P	4.0
4	☐	50.000	49.519	52424.32	0.0181	P	2.2
5	☐	125.000	123.310	130068.37	0.0450	P	0.8
6	☐	250.000	246.366	267032.95	0.0898	P	3.1
7	☐	500.000	537.150	537501.22	0.1958	P	10.8
8	☐	1000.000	982.569	1073268.72	0.3582	P	1.1
9	☐			330.57	0.0001	P	24.7

$$y = 3.6453\text{E-}004 * x + 3.2829\text{E-}005$$

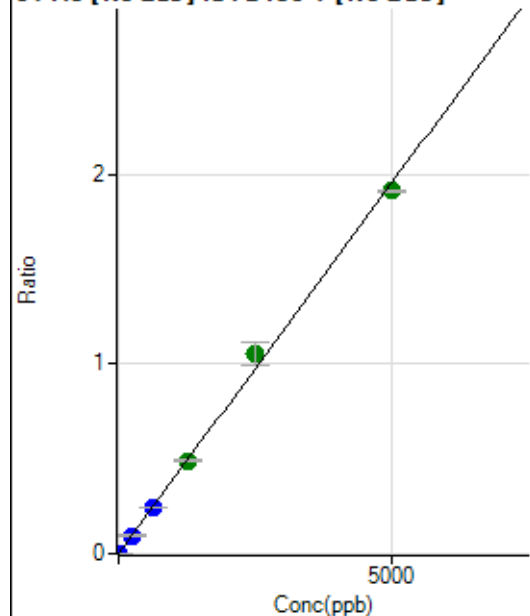
$$R = 0.9990$$

$$DL = 0.07922$$

$$BEC = 0.09006$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	49.9
2	☐	0.500					
3	☐	5.000	4.743	5351.31	0.0019	P	4.9
4	☐	250.000	245.973	278403.04	0.0960	P	0.9
5	☐	625.000	624.190	704587.25	0.2437	P	0.5
6	☐	1250.000	1251.204	1451892.18	0.4884	A	2.4
7	☐	2500.000	2703.131	2895841.43	1.0552	A	11.1
8	☐	5000.000	4898.437	5729341.32	1.9121	A	0.5
9	☐			2805.99	0.0010	P	3.9

$$y = 3.9035\text{E-}004 * x + 1.8909\text{E-}005$$

$$R = 0.9988$$

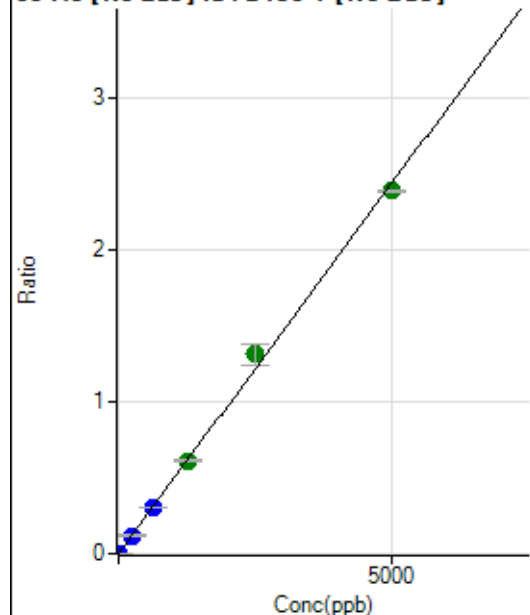
$$DL = 0.07254$$

$$BEC = 0.04844$$

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	30.56	0.0000	P	29.3
2	☐	0.500					
3	☐	5.000	4.932	6890.94	0.0024	P	3.7
4	☐	250.000	245.780	346512.31	0.1195	P	1.2
5	☐	625.000	623.095	876180.23	0.3030	P	0.6
6	☐	1250.000	1255.280	1814449.07	0.6104	A	2.9
7	☐	2500.000	2693.278	3595391.62	1.3097	A	10.6
8	☐	5000.000	4902.490	7143330.20	2.3840	A	0.6
9	☐			4273.08	0.0015	P	1.3

$$y = 4.8629\text{E-}004 * x + 1.0943\text{E-}005$$

$$R = 0.9989$$

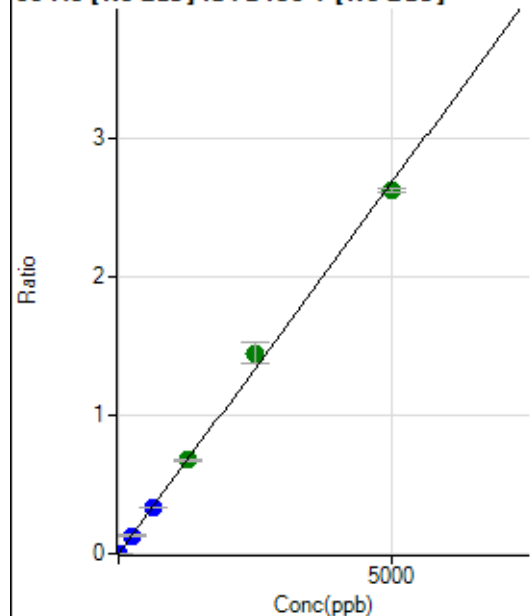
$$DL = 0.0198$$

$$BEC = 0.0225$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	26.1
2	☐	0.500					
3	☐	5.000	5.058	7799.84	0.0027	P	3.3
4	☐	250.000	245.949	381576.63	0.1316	P	1.1
5	☐	625.000	626.931	970060.15	0.3355	P	0.6
6	☐	1250.000	1260.508	2005119.49	0.6745	A	2.0
7	☐	2500.000	2707.903	3979014.06	1.4490	A	10.1
8	☐	5000.000	4893.383	7845271.53	2.6184	A	1.1
9	☐			4953.94	0.0017	P	5.5

$$y = 5.3509\text{E-}004 * x + 2.0871\text{E-}005$$

$$R = 0.9987$$

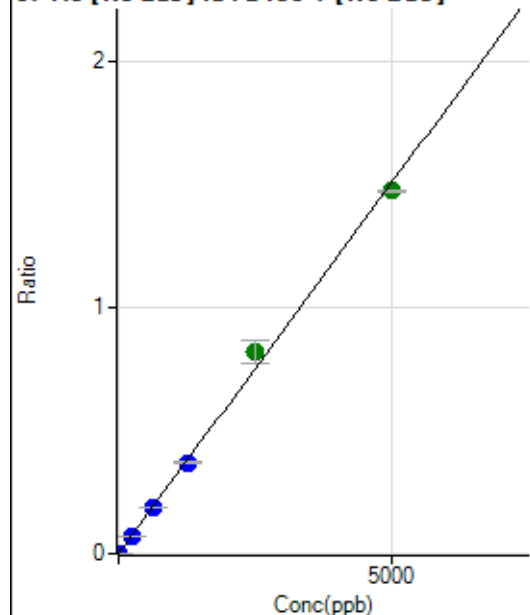
$$DL = 0.03057$$

$$BEC = 0.039$$

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	2.78	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	5.006	4317.56	0.0015	P	7.2
4	☐	250.000	243.832	212935.26	0.0735	P	1.8
5	☐	625.000	617.502	537895.71	0.1860	P	0.8
6	☐	1250.000	1222.948	1095129.74	0.3684	P	2.5
7	☐	2500.000	2725.532	2253624.47	0.8211	A	10.8
8	☐	5000.000	4895.243	4418579.13	1.4747	A	0.9
9	☐			2475.34	0.0009	P	3.2

$$y = 3.0125\text{E-}004 * x + 9.7570\text{E-}007$$

$$R = 0.9985$$

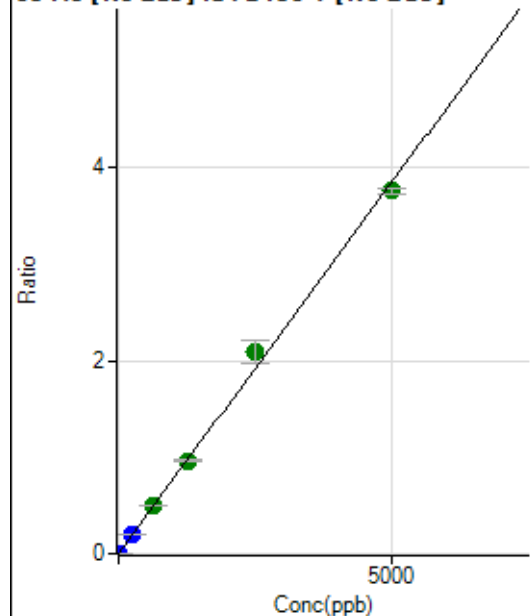
$$DL = 0.01683$$

$$BEC = 0.003239$$

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	25.00	0.0000	P	31.9
2	☐	0.500					
3	☐	5.000	4.991	11016.05	0.0039	P	2.3
4	☐	250.000	247.854	553103.68	0.1908	P	1.0
5	☐	625.000	638.926	1422108.52	0.4918	A	0.8
6	☐	1250.000	1253.901	2868949.09	0.9652	A	2.9
7	☐	2500.000	2715.360	5735914.63	2.0901	A	11.0
8	☐	5000.000	4889.711	11277099.90	3.7638	A	1.4
9	☐			6104.44	0.0021	P	0.5

$$y = 7.6975\text{E-}004 * x + 8.9513\text{E-}006$$

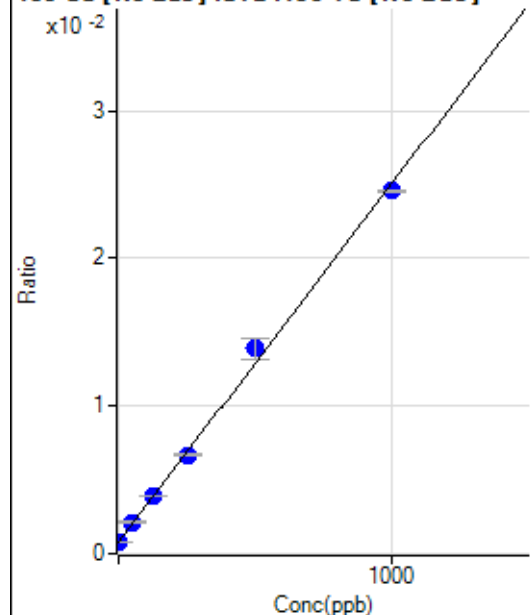
$$R = 0.9986$$

$$DL = 0.01114$$

$$BEC = 0.01163$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2405.89	0.0008	P	4.1
2	☐	0.100					
3	☐	1.000	-0.616	2453.12	0.0008	P	7.4
4	☐	50.000	54.670	6765.91	0.0021	P	4.2
5	☐	125.000	128.106	12751.01	0.0039	P	0.6
6	☐	250.000	244.204	22758.83	0.0067	P	3.1
7	☐	500.000	540.132	42919.48	0.0139	P	9.7
8	☐	1000.000	980.763	83405.85	0.0246	P	0.8
9	☐			2675.40	0.0008	P	2.5

$$y = 2.4242\text{E-}005 * x + 7.8332\text{E-}004$$

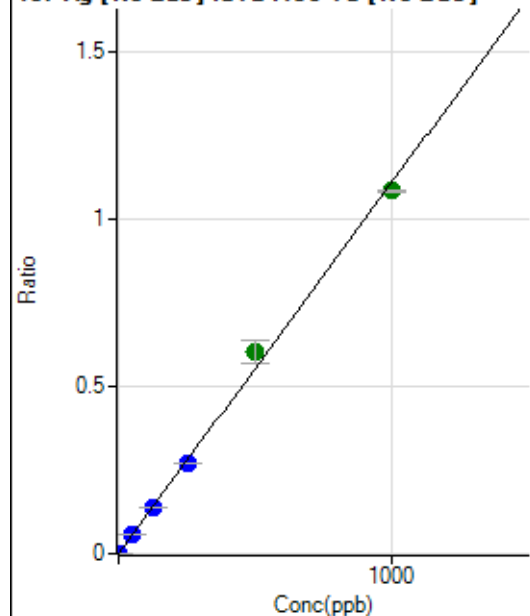
$$R = 0.9988$$

$$DL = 3.974$$

$$BEC = 32.31$$

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	83.34	0.0000	P	20.0
2	☐	0.100					
3	☐	1.000	1.074	3878.50	0.0012	P	4.2
4	☐	50.000	50.074	177992.45	0.0555	P	3.1
5	☐	125.000	124.154	450690.28	0.1375	P	1.5
6	☐	250.000	243.395	914954.01	0.2695	P	1.6
7	☐	500.000	546.423	1868493.05	0.6049	A	11.5
8	☐	1000.000	978.542	3678948.56	1.0833	A	0.2
9	☐			738.94	0.0002	P	11.1

$$y = 0.0011 * x + 2.7236\text{E-}005$$

$$R = 0.9984$$

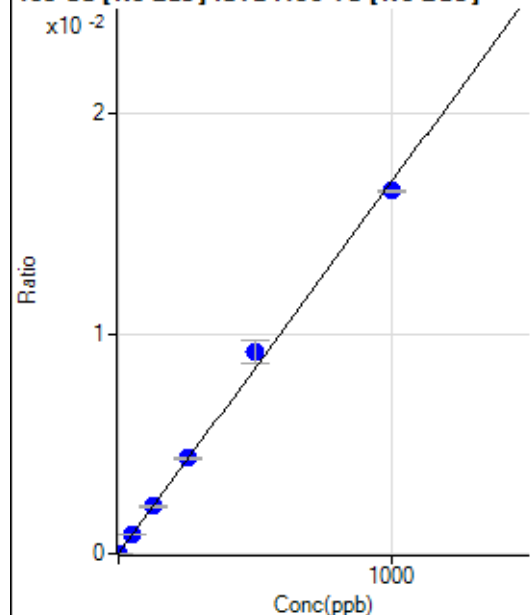
$$DL = 0.01473$$

$$BEC = 0.0246$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.17	0.0000	P	98.9
2	☐	0.100					
3	☐	1.000	1.023	59.72	0.0000	P	30.2
4	☐	50.000	52.153	2836.47	0.0009	P	2.5
5	☐	125.000	128.361	7120.09	0.0022	P	3.3
6	☐	250.000	256.192	14715.20	0.0043	P	2.0
7	☐	500.000	543.594	28392.62	0.0092	P	11.7
8	☐	1000.000	976.127	56060.78	0.0165	P	0.4
9	☐			18.06	0.0000	P	11.5

$$y = 1.6910E-005 * x + 1.3659E-006$$

$$R = 0.9985$$

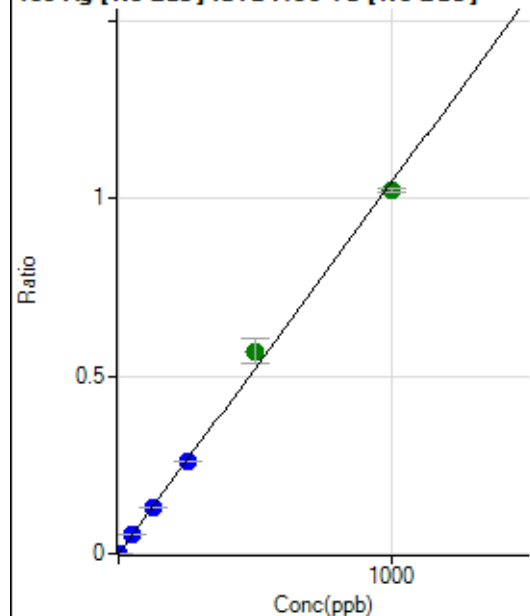
$$DL = 0.2396$$

$$BEC = 0.08078$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.33	0.0000	P	36.4
2	☐	0.100					
3	☐	1.000	1.138	3853.52	0.0012	P	2.7
4	☐	50.000	50.965	170857.95	0.0532	P	2.9
5	☐	125.000	125.737	430507.95	0.1313	P	1.2
6	☐	250.000	248.623	881537.55	0.2596	P	1.3
7	☐	500.000	545.143	1757648.02	0.5692	A	12.0
8	☐	1000.000	977.632	3466774.12	1.0208	A	0.9
9	☐			636.16	0.0002	P	11.4

$$y = 0.0010 * x + 1.8905E-005$$

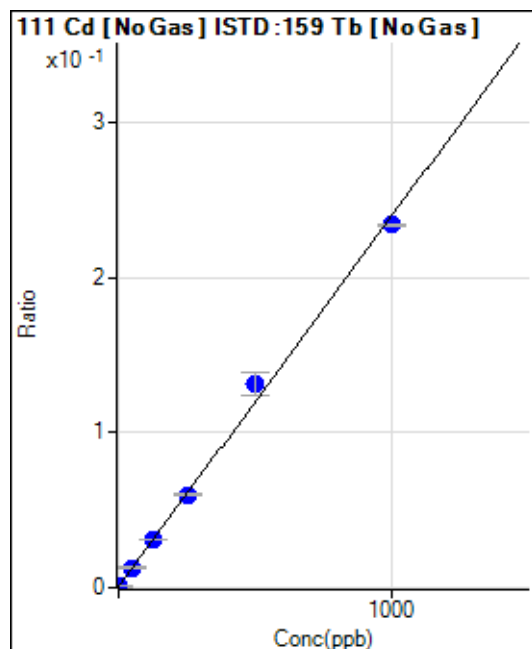
$$R = 0.9985$$

$$DL = 0.01976$$

$$BEC = 0.01811$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1686.76	0.0005	P	4.4
2	☐	0.100					
3	☐	1.000	0.796	2360.14	0.0007	P	8.1
4	☐	50.000	51.342	41115.34	0.0128	P	3.6
5	☐	125.000	126.091	100532.65	0.0307	P	1.1
6	☐	250.000	248.010	202989.28	0.0598	P	1.4
7	☐	500.000	546.309	404737.74	0.1310	P	11.4
8	☐	1000.000	977.140	794406.59	0.2339	P	0.4
9	☐			1925.42	0.0006	P	2.2

$$y = 2.3883\text{E-}004 * x + 5.4917\text{E-}004$$

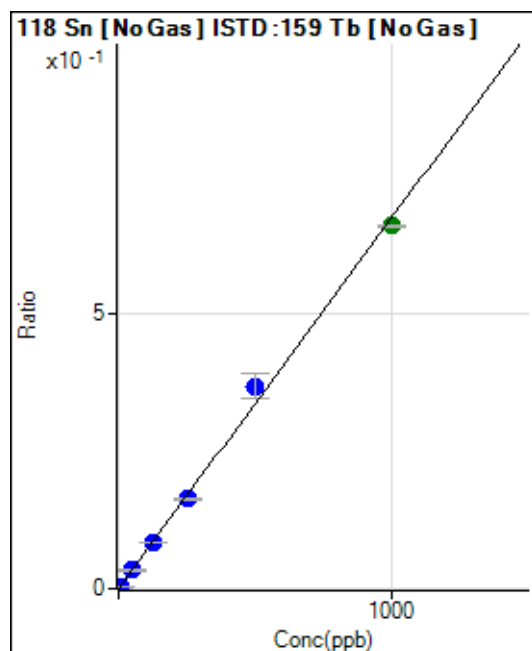
$$R = 0.9984$$

$$DL = 0.3016$$

$$BEC = 2.299$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	11.0
2	☐	0.500					
3	☐	5.000	4.997	10927.13	0.0034	P	1.4
4	☐	50.000	49.899	108351.92	0.0338	P	2.8
5	☐	125.000	123.346	273361.53	0.0834	P	1.5
6	☐	250.000	243.280	558207.10	0.1644	P	2.1
7	☐	500.000	545.664	1138082.75	0.3687	P	12.4
8	☐	1000.000	979.060	2246491.98	0.6615	A	0.3
9	☐			1480.71	0.0005	P	6.3

$$y = 6.7558\text{E-}004 * x + 4.7944\text{E-}005$$

$$R = 0.9984$$

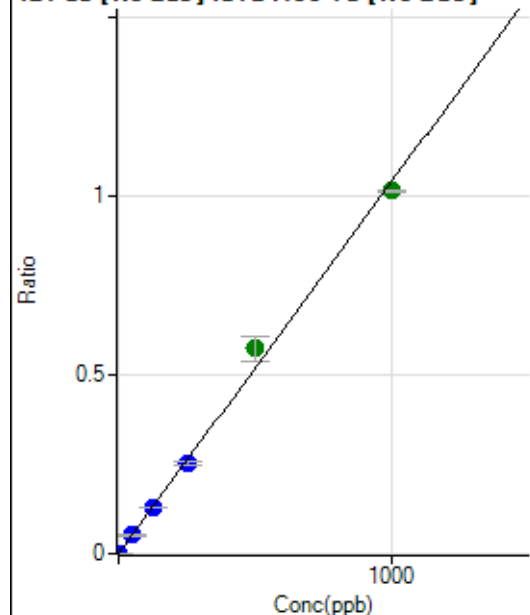
$$DL = 0.02345$$

$$BEC = 0.07097$$

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	22.22	0.0000	P	19.6
2	☐	0.200					
3	☐	2.000	1.797	5990.49	0.0019	P	3.1
4	☐	50.000	49.155	164250.49	0.0512	P	2.5
5	☐	125.000	122.595	418369.72	0.1276	P	1.3
6	☐	250.000	242.791	857981.32	0.2527	P	2.9
7	☐	500.000	552.281	1774699.13	0.5748	A	12.2
8	☐	1000.000	976.005	3449970.78	1.0158	A	0.5
9	☐			3789.60	0.0012	P	3.5

$$y = 0.0010 * x + 7.2175E-006$$

$$R = 0.9979$$

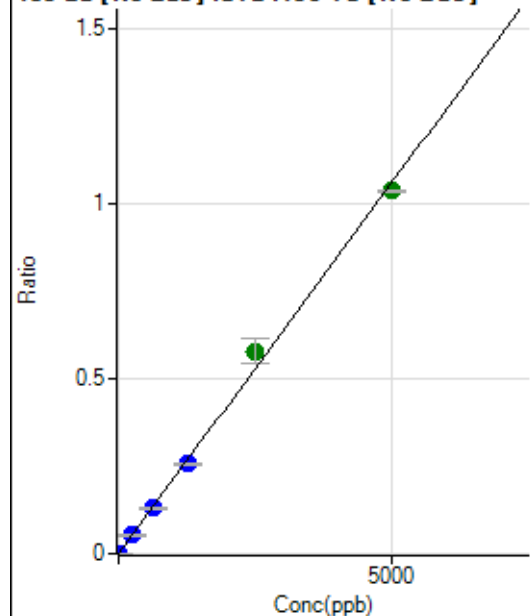
$$DL = 0.004081$$

$$BEC = 0.006935$$

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	22.22	0.0000	P	19.6
2	☐	1.000					
3	☐	10.000	10.061	6829.84	0.0021	P	3.8
4	☐	250.000	247.371	168387.38	0.0525	P	2.3
5	☐	625.000	612.021	425519.24	0.1298	P	0.8
6	☐	1250.000	1209.734	870955.53	0.2565	P	2.3
7	☐	2500.000	2732.671	1788657.70	0.5794	A	12.4
8	☐	5000.000	4895.485	3525357.15	1.0380	A	0.3
9	☐			552.82	0.0002	P	19.6

$$y = 2.1204E-004 * x + 7.2175E-006$$

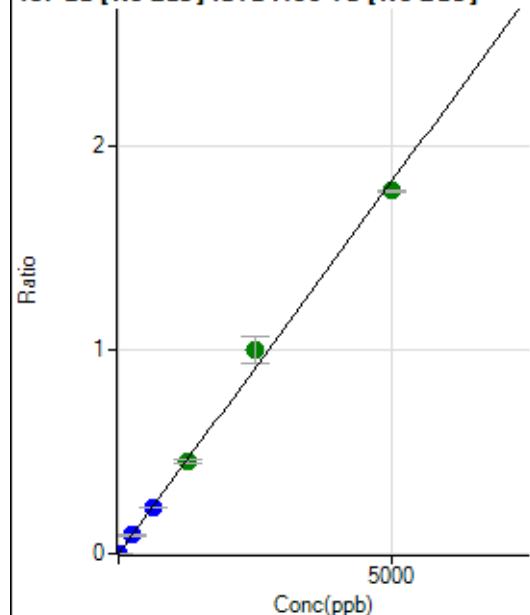
$$R = 0.9983$$

$$DL = 0.02003$$

$$BEC = 0.03404$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	27.5
2	☐	1.000					
3	☐	10.000	9.679	11283.05	0.0035	P	1.7
4	☐	250.000	246.789	288506.89	0.0899	P	2.5
5	☐	625.000	615.791	735357.29	0.2243	P	0.6
6	☐	1250.000	1244.968	1539381.53	0.4534	A	2.7
7	☐	2500.000	2746.413	3085867.34	1.0002	A	13.1
8	☐	5000.000	4879.364	6034840.02	1.7770	A	0.3
9	☐			872.29	0.0003	P	11.5

$$y = 3.6418\text{E-}004 * x + 1.0910\text{E-}005$$

$$R = 0.9982$$

$$DL = 0.02472$$

$$BEC = 0.02996$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			4.44		P	173.2
4	☐			4.44		P	173.2
5	☐			20.00		P	33.4
6	☐			48.89		P	41.7
7	☐			86.67		P	23.1
8	☐			128.89		P	15.8
9	☐			62.22		P	32.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			0.00		P	
5	☐			3.33		P	100.1
6	☐			5.55		P	69.3
7	☐			7.78		P	24.7
8	☐			5.56		P	91.6
9	☐			32.22		P	47.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐						
3	☐			0.00		P	
4	☐			16.67		P	86.6
5	☐			13.89		P	91.6
6	☐			27.78		P	75.5
7	☐			55.56		P	34.6
8	☐			75.00		P	29.4
9	☐			36.11		P	96.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			3.33		P	173.2
4	☐			1.11		P	173.2
5	☐			2.22		P	86.6
6	☐			4.44		P	114.6
7	☐			6.67		P	50.0
8	☐			11.11		P	34.6
9	☐			15.56		P	53.9

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐						
3	☐			11.11		P	43.3
4	☐			16.67		P	50.0
5	☐			27.78		P	75.5
6	☐			19.44		P	89.2
7	☐			27.78		P	45.8
8	☐			22.22		P	57.3
9	☐			66.67		P	43.3

160 Gd [He] No available calibration points

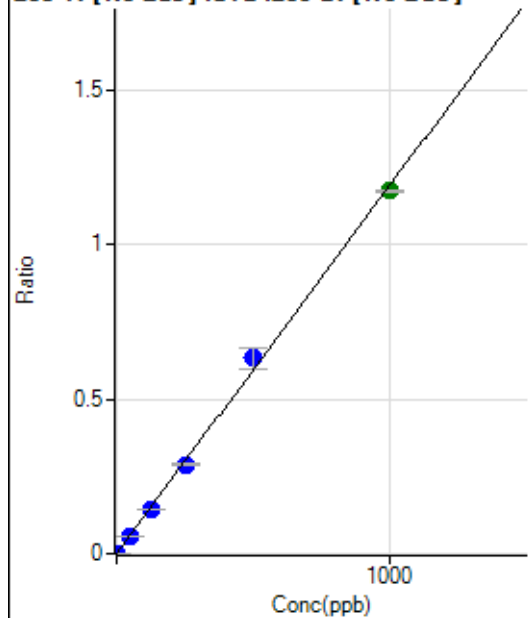
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.2
2	☐						
3	☐			7.78		P	49.5
4	☐			12.22		P	87.7
5	☐			16.67		P	20.0
6	☐			20.00		P	28.9
7	☐			10.00		P	57.7
8	☐			26.67		P	33.1
9	☐			26.67		P	21.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐						
3	☐			19.44		P	49.5
4	☐			11.11		P	173.2
5	☐			11.11		P	43.3
6	☐			8.33		P	100.0
7	☐			16.67		P	86.6
8	☐			19.45		P	24.7
9	☐			8.33		P	100.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	21.6
2	☐						
3	☐			6.67		P	50.0
4	☐			7.78		P	24.7
5	☐			5.56		P	91.6
6	☐			3.33		P	100.1
7	☐			8.89		P	78.1
8	☐			3.33		P	100.1
9	☐			10.00		P	33.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0001	P	25.9
2	☐	0.100					
3	☐	1.000	0.938	2064.16	0.0012	P	6.9
4	☐	50.000	48.000	99236.14	0.0572	P	1.9
5	☐	125.000	120.706	255171.10	0.1437	P	0.7
6	☐	250.000	242.496	522983.86	0.2885	P	2.0
7	☐	500.000	532.408	1040189.22	0.6334	P	10.7
8	☐	1000.000	986.309	2076409.55	1.1733	A	0.5
9	☐			261.13	0.0002	P	8.9

$$y = 0.0012 * x + 1.0353E-004$$

$$R = 0.9992$$

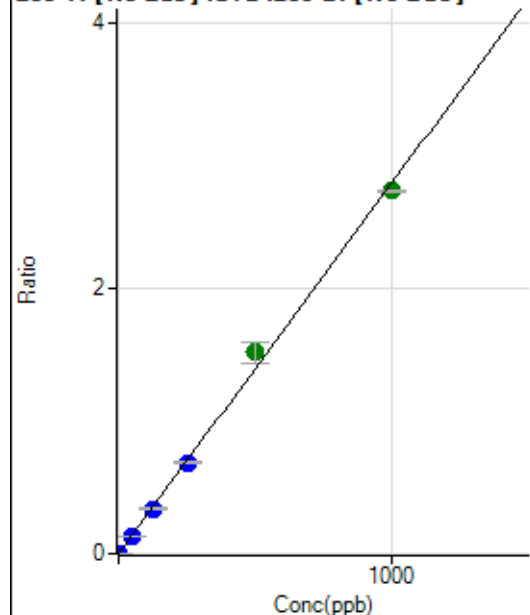
$$DL = 0.06751$$

$$BEC = 0.08704$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	388.91	0.0002	P	9.7
2	☐	0.100					
3	☐	1.000	0.898	4634.40	0.0027	P	8.5
4	☐	50.000	48.443	234866.43	0.1354	P	1.5
5	☐	125.000	121.852	604099.21	0.3401	P	0.8
6	☐	250.000	246.124	1244918.02	0.6868	P	0.5
7	☐	500.000	543.109	2488235.30	1.5152	A	10.9
8	☐	1000.000	979.886	4837898.81	2.7336	A	0.5
9	☐			705.61	0.0005	P	10.4

$$y = 0.0028 * x + 2.3525E-004$$

$$R = 0.9986$$

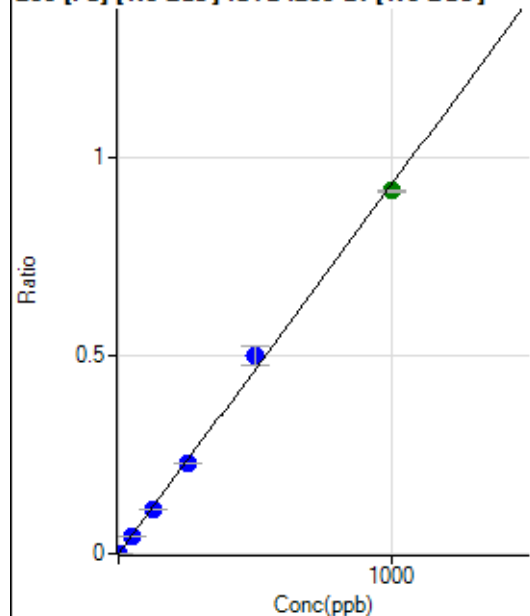
$$DL = 0.0246$$

$$BEC = 0.08434$$

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	200.01	0.0001	P	5.9
2	☐	0.100					
3	☐	1.000	1.004	1790.93	0.0011	P	1.9
4	☐	50.000	48.392	78548.12	0.0453	P	1.2
5	☐	125.000	121.457	201471.14	0.1134	P	0.8
6	☐	250.000	244.150	413105.61	0.2279	P	1.4
7	☐	500.000	536.825	822894.21	0.5010	P	10.5
8	☐	1000.000	983.573	1624325.96	0.9178	A	0.3
9	☐			3044.90	0.0020	P	1.0

$$y = 9.3301E-004 * x + 1.2103E-004$$

$$R = 0.9990$$

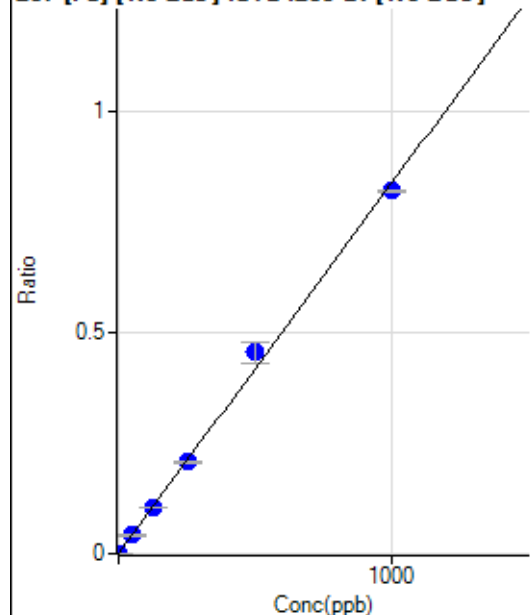
$$DL = 0.02307$$

$$BEC = 0.1297$$

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	200.01	0.0001	P	15.8
2	☐	0.100					
3	☐	1.000	0.972	1579.78	0.0009	P	3.2
4	☐	50.000	49.234	71655.47	0.0413	P	1.8
5	☐	125.000	122.515	182201.05	0.1026	P	0.9
6	☐	250.000	246.866	374489.11	0.2066	P	0.6
7	☐	500.000	542.686	745626.71	0.4540	P	10.8
8	☐	1000.000	979.789	1450551.45	0.8196	P	0.3
9	☐			2555.90	0.0016	P	2.4

$$y = 8.3640\text{E-}004 * x + 1.2071\text{E-}004$$

$$R = 0.9986$$

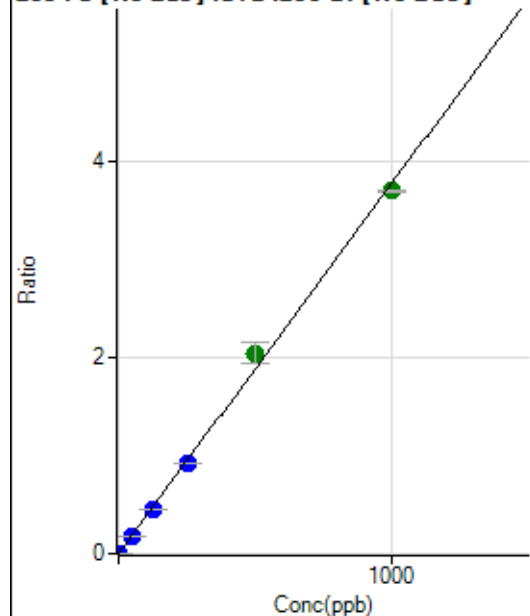
$$DL = 0.06855$$

$$BEC = 0.1443$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	885.23	0.0005	P	1.0
2	☐	0.100					
3	☐	1.000	0.959	7030.62	0.0042	P	2.2
4	☐	50.000	48.509	318704.34	0.1837	P	1.0
5	☐	125.000	121.705	817021.76	0.4600	P	0.4
6	☐	250.000	244.690	1675512.19	0.9244	P	0.9
7	☐	500.000	541.801	3360448.35	2.0461	A	10.7
8	☐	1000.000	980.913	6555367.65	3.7040	A	0.3
9	☐			11943.35	0.0077	P	1.9

$$y = 0.0038 * x + 5.3491\text{E-}004$$

$$R = 0.9987$$

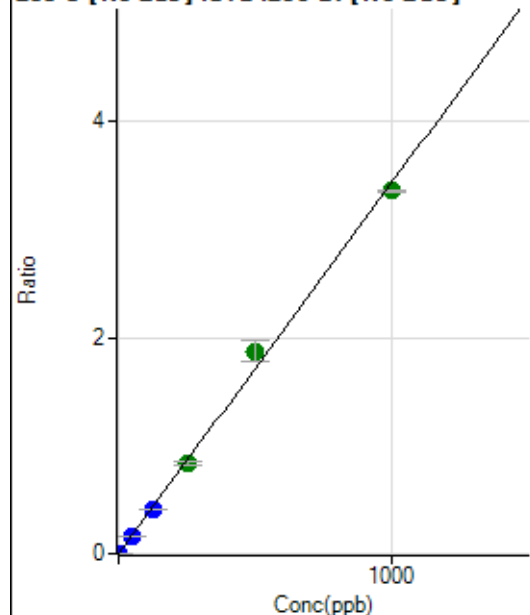
$$DL = 0.004252$$

$$BEC = 0.1417$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.23	0.0000	P	42.2
2	☐	0.100					
3	☐	1.000	0.907	5284.73	0.0031	P	2.0
4	☐	50.000	47.007	279684.98	0.1612	P	1.1
5	☐	125.000	120.083	731305.02	0.4118	P	0.3
6	☐	250.000	243.557	1513620.39	0.8352	A	2.8
7	☐	500.000	547.057	3080589.20	1.8758	A	10.8
8	☐	1000.000	978.847	5940175.39	3.3564	A	0.2
9	☐			347.24	0.0002	P	23.9

$$y = 0.0034 * x + 1.3402E-005$$

$$R = 0.9983$$

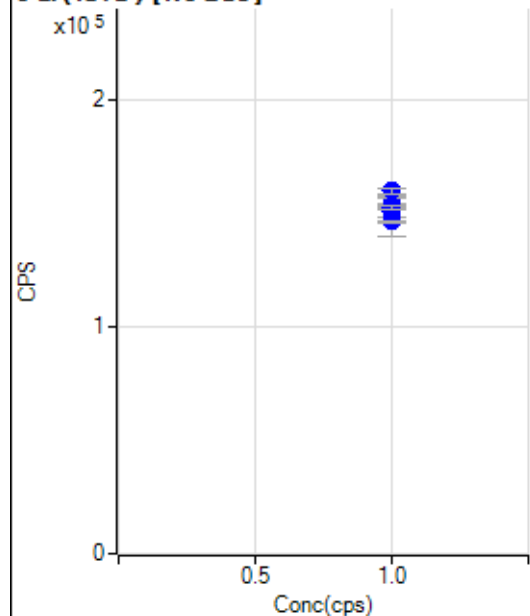
$$DL = 0.004946$$

$$BEC = 0.003908$$

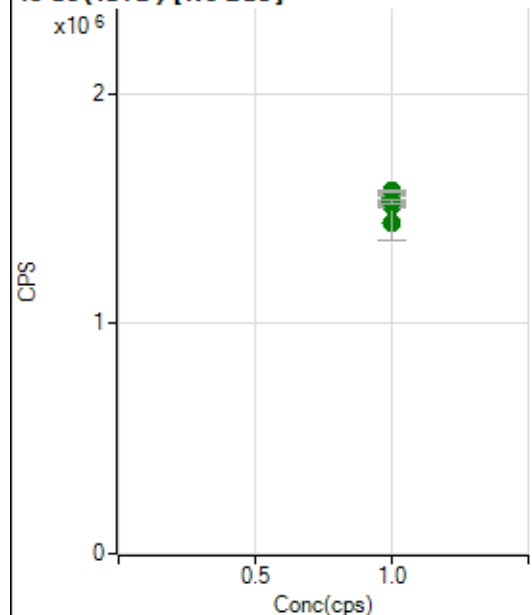
Weight: <None>

Min Conc: 0

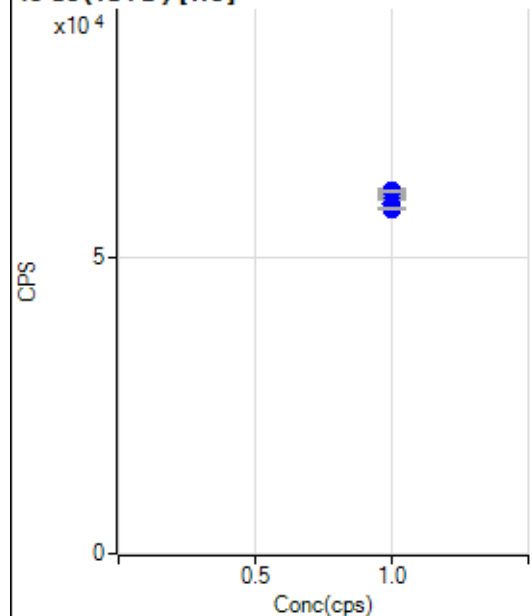
6 Li (ISTD) [No Gas]



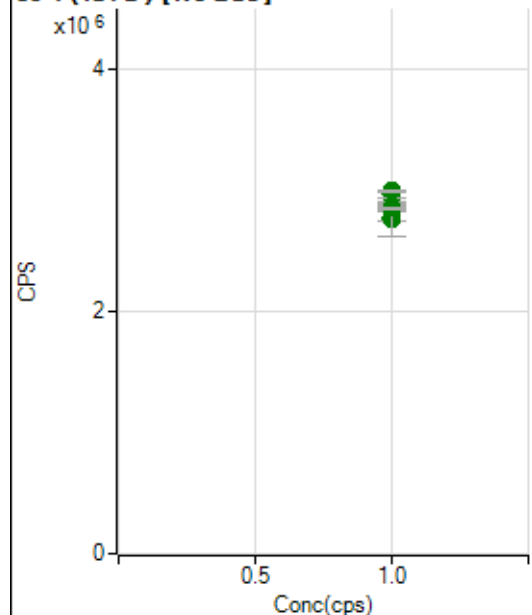
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		150553.05		P	2.8
2	☐	1.000					
3	☐	1.000		152685.03		P	0.9
4	☐	1.000		153841.67		P	0.8
5	☐	1.000		157617.51		P	0.5
6	☐	1.000		159909.11		P	1.4
7	☐	1.000		146531.73		P	8.6
8	☐	1.000		152789.04		P	0.9
9	☐	1.000		146299.45		P	0.6

45 Sc (ISTD) [No Gas]

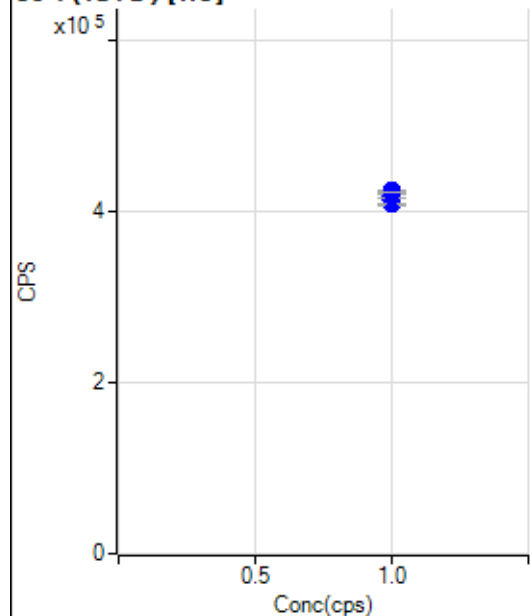
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1514990.19		A	1.7
2	☐	1.000					
3	☐	1.000		1537540.44		A	1.6
4	☐	1.000		1546484.11		A	2.3
5	☐	1.000		1530881.24		A	1.1
6	☐	1.000		1569833.05		A	1.6
7	☐	1.000		1440950.87		A	10.4
8	☐	1.000		1576187.14		A	0.3
9	☐	1.000		1528101.54		A	1.0

45 Sc (ISTD) [He]

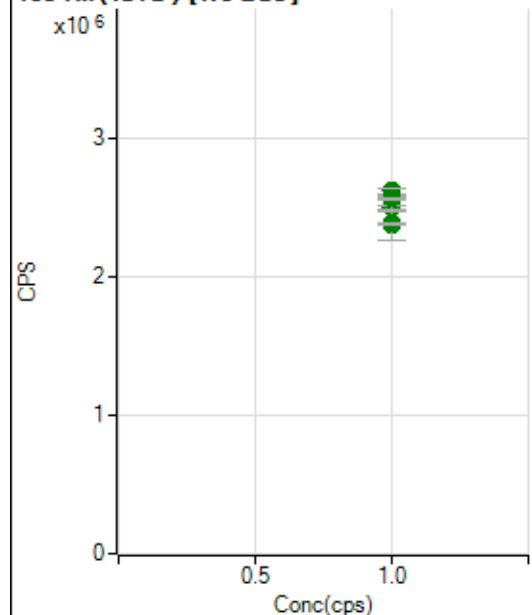
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		59990.82		P	1.0
2	☐	1.000					
3	☐	1.000		61071.00		P	0.3
4	☐	1.000		59889.32		P	0.8
5	☐	1.000		59132.44		P	2.5
6	☐	1.000		58245.78		P	0.6
7	☐	1.000		60576.54		P	0.1
8	☐	1.000		61271.19		P	1.4
9	☐	1.000		61226.06		P	0.6

89 Y (ISTD) [No Gas]

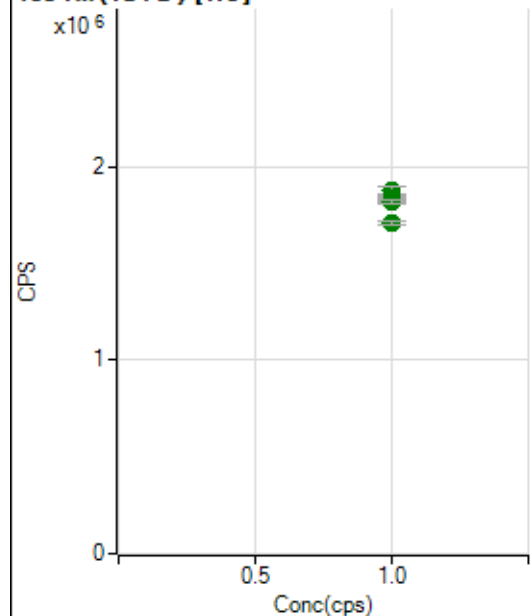
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2782195.44		A	2.8
2	☐	1.000					
3	☐	1.000		2860261.97		A	1.2
4	☐	1.000		2899110.41		A	0.8
5	☐	1.000		2891529.23		A	0.0
6	☐	1.000		2973574.96		A	2.1
7	☐	1.000		2764619.39		A	10.0
8	☐	1.000		2996362.77		A	0.8
9	☐	1.000		2855470.31		A	0.7

89 Y (ISTD) [He]

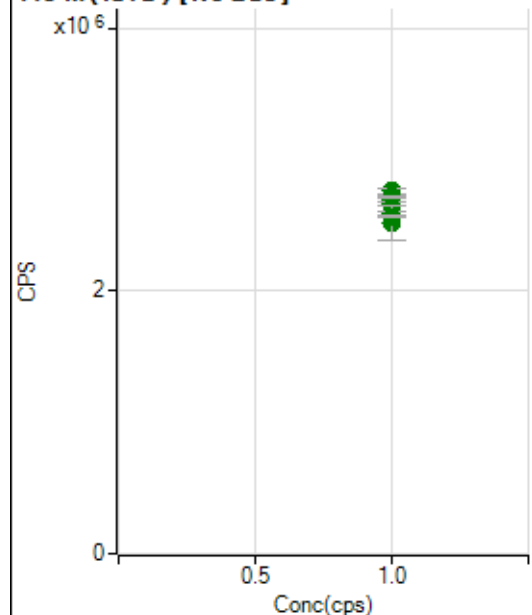
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		408286.76		P	0.8
2	☐	1.000					
3	☐	1.000		416184.69		P	0.2
4	☐	1.000		412756.02		P	1.6
5	☐	1.000		420574.93		P	2.0
6	☐	1.000		418675.49		P	0.9
7	☐	1.000		421793.63		P	0.8
8	☐	1.000		424319.78		P	0.7
9	☐	1.000		423151.59		P	0.2

103 Rh (ISTD) [No Gas]

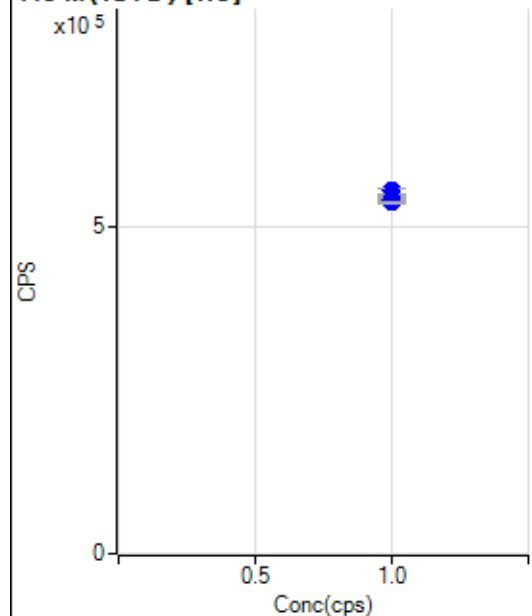
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2499745.13		A	1.7
2	☐	1.000					
3	☐	1.000		2568294.63		A	1.0
4	☐	1.000		2574696.09		A	1.2
5	☐	1.000		2584117.29		A	0.6
6	☐	1.000		2624635.48		A	1.6
7	☐	1.000		2377166.03		A	9.7
8	☐	1.000		2566683.52		A	0.3
9	☐	1.000		2389445.78		A	0.6

103 Rh (ISTD) [He]

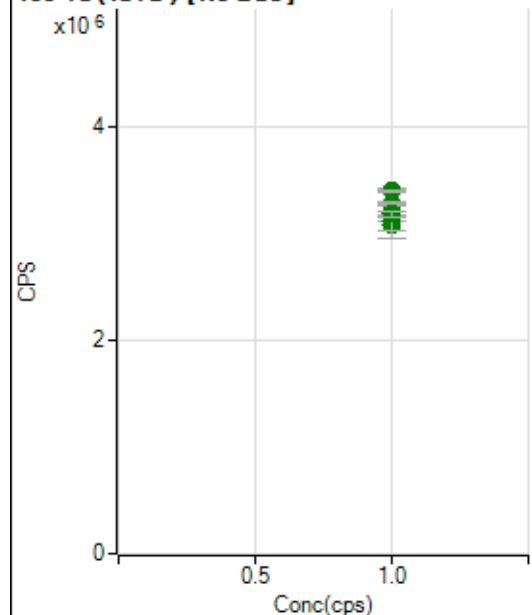
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1835144.14		A	0.3
2	☐	1.000					
3	☐	1.000		1848638.55		A	0.8
4	☐	1.000		1822604.61		A	0.5
5	☐	1.000		1876110.68		A	2.8
6	☐	1.000		1839450.82		A	0.3
7	☐	1.000		1833229.90		A	0.8
8	☐	1.000		1820363.20		A	1.0
9	☐	1.000		1712051.57		A	1.0

115 In (ISTD) [No Gas]

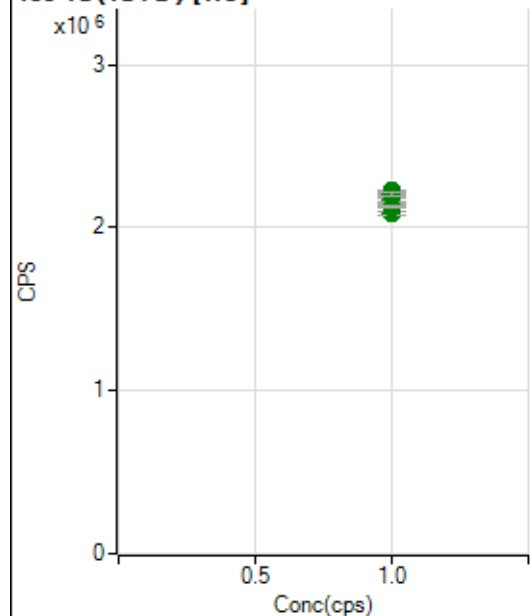
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2587934.73		A	1.7
2	☐	1.000					
3	☐	1.000		2665702.12		A	1.1
4	☐	1.000		2667030.23		A	0.9
5	☐	1.000		2688886.75		A	1.3
6	☐	1.000		2759981.92		A	1.4
7	☐	1.000		2516091.23		A	10.1
8	☐	1.000		2715486.17		A	0.2
9	☐	1.000		2564079.12		A	0.7

115 In (ISTD) [He]

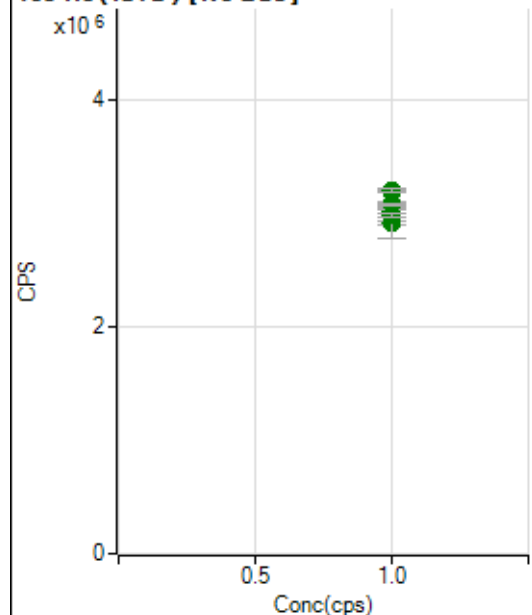
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		539446.26		P	0.3
2	☐	1.000					
3	☐	1.000		549237.95		P	0.1
4	☐	1.000		547610.15		P	1.3
5	☐	1.000		555098.21		P	1.5
6	☐	1.000		547652.67		P	0.2
7	☐	1.000		549705.34		P	0.4
8	☐	1.000		541555.32		P	0.7
9	☐	1.000		537016.54		P	0.5

159 Tb (ISTD) [No Gas]

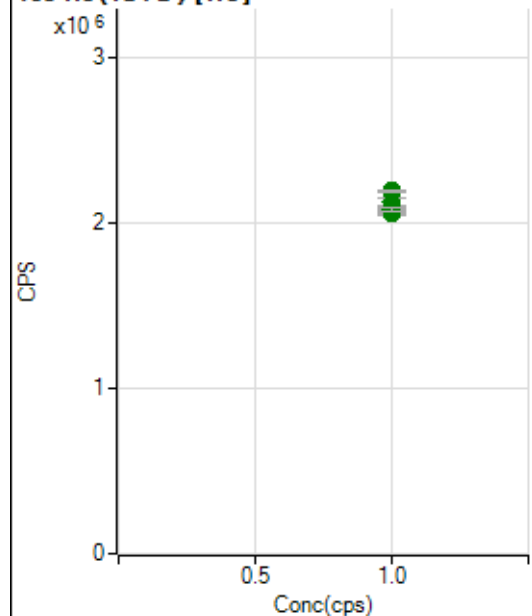
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3069656.73		A	2.6
2	☐	1.000					
3	☐	1.000		3191684.33		A	1.3
4	☐	1.000		3211272.14		A	2.9
5	☐	1.000		3278825.05		A	0.8
6	☐	1.000		3395814.36		A	1.0
7	☐	1.000		3114370.27		A	10.7
8	☐	1.000		3396158.94		A	0.3
9	☐	1.000		3179521.66		A	2.0

159 Tb (ISTD) [He]

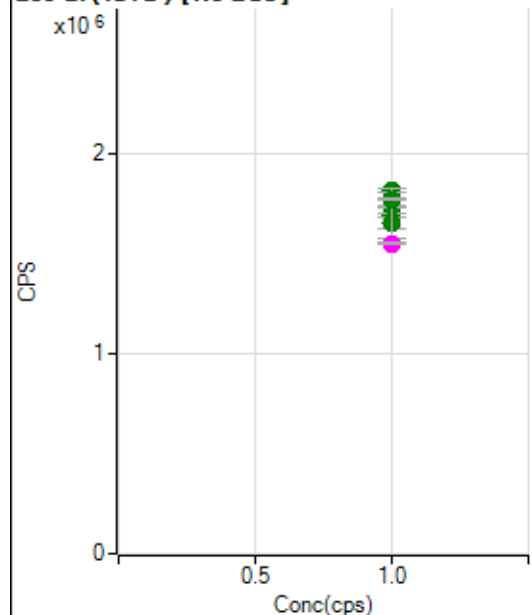
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2086780.28		A	0.8
2	☐	1.000					
3	☐	1.000		2149217.24		A	0.8
4	☐	1.000		2131606.60		A	1.1
5	☐	1.000		2167503.42		A	1.1
6	☐	1.000		2217377.63		A	1.0
7	☐	1.000		2224423.72		A	0.7
8	☐	1.000		2205769.65		A	1.0
9	☐	1.000		2127434.45		A	0.7

165 Ho (ISTD) [No Gas]

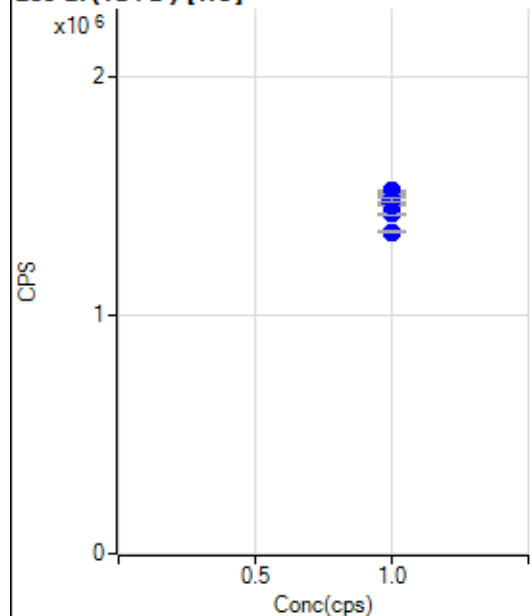
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2918362.93		A	1.4
2	☐	1.000					
3	☐	1.000		3027961.77		A	1.8
4	☐	1.000		3067317.93		A	2.1
5	☐	1.000		3088967.82		A	0.5
6	☐	1.000		3197591.09		A	0.5
7	☐	1.000		2928584.59		A	9.6
8	☐	1.000		3203054.22		A	1.0
9	☐	1.000		2989957.38		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2061567.83		A	1.4
2	☐	1.000					
3	☐	1.000		2070790.77		A	0.8
4	☐	1.000		2070734.12		A	0.9
5	☐	1.000		2129408.32		A	2.1
6	☐	1.000		2187170.76		A	0.1
7	☐	1.000		2194777.45		A	0.2
8	☐	1.000		2191179.92		A	0.5
9	☐	1.000		2086077.44		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1654744.06		M	3.5
2	☐	1.000					
3	☐	1.000		1692435.62		A	1.2
4	☐	1.000		1735167.68		A	0.9
5	☐	1.000		1776005.48		A	0.3
6	☐	1.000		1812700.01		A	1.0
7	☐	1.000		1653904.16		A	9.8
8	☐	1.000		1769789.42		A	0.4
9	☐	1.000		1549550.24		M	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1421285.27		P	0.7
2	☐	1.000					
3	☐	1.000		1457839.42		P	0.5
4	☐	1.000		1466299.60		P	1.1
5	☐	1.000		1501336.26		P	1.1
6	☐	1.000		1519252.56		P	0.7
7	☐	1.000		1503257.06		P	0.3
8	☐	1.000		1479836.18		P	0.8
9	☐	1.000		1346226.33		P	0.7

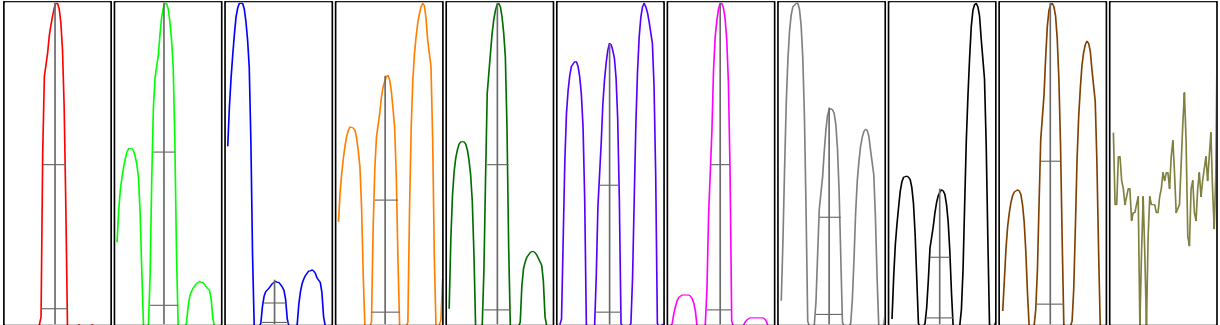
US EPA Tune Check Sample Report

Batch Folder D:\P8040819-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	1359	0.93	5.00	
24	30197	1.13	5.00	
25	4154	1.34	5.00	
26	5166	1.17	5.00	
59	21938	1.23	5.00	
113	3236	1.66	5.00	
115	37949	0.97	5.00	
206	6673	0.90	5.00	
207	6032	1.16	5.00	
208	14442	1.05	5.00	
220	1	31.37		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	1363	1341	1358	1358	1377
24	30130	30012	30041	30002	30799
25	4100	4129	4156	4137	4247
26	5120	5144	5174	5125	5267
59	21724	21736	21858	21994	22379
113	3262	3182	3214	3204	3316
115	37748	37674	37873	37862	38590
206	6681	6620	6632	6661	6772
207	6021	6023	6031	5946	6141
208	14477	14263	14428	14370	14673
220	1	1	1	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	2257	8.95	8.9 - 9.1		0.741	0.900	
24	49678	23.90	23.9 - 24.1		0.815	0.900	
25	6791	24.90	24.9 - 25.1		0.775	0.900	
26	8517	25.90	25.9 - 26.1		0.784	0.900	
59	37733	58.95	58.9 - 59.1		0.775	0.900	
113	5881	113.00	112.9 - 113.1		0.731	0.900	
115	69562	115.00	114.9 - 115.1		0.725	0.900	
206	12070	205.95	205.9 - 206.1		0.772	0.900	
207	10929	206.95	206.9 - 207.1		0.771	0.900	
208	25981	207.95	207.9 - 208.1		0.782	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	12.7	V	Deflect	15.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	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	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8048	4.24	
89	13963	3.98	
205	9452	3.53	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7597	8001	8558	8042	8042
89	13237	13785	14781	13952	14062
205	9060	9318	9973	9421	9489

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	12.7	V	Deflect	2.4	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 10:42:59 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	1.08	-0.73	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.02	-0.06	0.04	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.06	-0.01	-0.05	0.00	N/A	ppb
Boron	10-1	-0.57	0.16	0.41	0.00	N/A	ppb
Cadmium	106-1	-0.87	1.52	-0.66	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.08	0.08	0.00	N/A	ppb
Cadmium	111-1	-0.06	0.12	-0.05	0.00	N/A	ppb
Calcium	43-1	27.18	-20.55	-6.63	0.00	N/A	ppb
Calcium	44-1	1.99	-5.39	3.40	0.00	N/A	ppb
Chromium	52-2	0.00	-0.04	0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	N/A	ppb
Copper	63-2	-0.04	-0.02	0.06	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	-0.13	0.15	0.00	N/A	ppb
Iron	57-2	1.40	0.18	-1.58	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	-0.01	-0.01	0.03	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.87	0.42	0.45	0.00	N/A	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 10:42:59 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	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	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-21.73	-47.53	-55.65	-41.63		ppb
Potassium	39-2	-0.28	4.02	-3.74	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	0.84	-0.42	0.00	N/A	ppb
Selenium	82-1	-0.41	-1.16	1.58	0.00	N/A	ppb
Silicon	28-1	38.09	-103.04	64.95	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.92	-3.28	2.36	0.00	N/A	ppb
Strontium	86-1	-0.02	0.06	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	625.81	-398.25	144.22	123.93	413.41	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.03	0.01	0.02	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.38	0.10	-0.48	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.02	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.07	-0.03	-0.04	0.00	N/A	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:42:59	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.03	-0.02	0.00	N/A	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 10:50:38 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.13	17.40	12.83	17.12	24.28	ppb
Antimony	121-1	1.73	1.83	1.82	1.80	3.14	ppb
Arsenic	75-1	1.21	1.08	0.82	1.04	19.40	ppb
Barium	135-1	9.62	10.28	10.29	10.06	3.79	ppb
Barium	137-1	9.56	9.86	9.61	9.68	1.66	ppb
Beryllium	9-1	1.00	1.24	1.19	1.14	10.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	11-1	23.88	25.26	22.39	23.84	6.01	ppb
Boron	10-1	20.04	24.50	22.80	22.45	10.03	ppb
Cadmium	106-1	-0.84	-2.84	1.83	-0.62		ppb
Cadmium	108-1	1.37	0.70	1.00	1.02	32.60	ppb
Cadmium	111-1	0.76	0.56	1.06	0.80	31.48	ppb
Calcium	43-1	443.01	479.25	457.36	459.87	3.97	ppb
Calcium	44-1	468.63	465.46	460.20	464.76	0.92	ppb
Chromium	52-2	1.94	1.96	1.95	1.95	0.40	ppb
Cobalt	59-2	1.05	1.01	1.01	1.02	2.38	ppb
Copper	63-2	2.00	2.04	1.86	1.96	4.85	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				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	51.40	50.96	52.29	51.55	1.31	ppb
Iron	57-2	51.44	47.64	47.90	48.99	4.34	ppb
Krypton	83-1						cps
Lead	207-1	0.95	1.01	0.95	0.97	3.68	ppb
Lead	208-1	0.97	0.97	0.93	0.96	2.51	ppb
Lead	206-1	1.03	0.99	1.00	1.00	2.15	ppb
Lithium	6-1				101		%
Magnesium	24-2	515.28	493.67	494.20	501.05	2.46	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:50:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.16	1.01	1.10	1.09	7.11	ppb
Molybdenum	94-1	4.64	4.58	5.01	4.74	4.95	ppb
Molybdenum	95-1	4.72	5.05	5.03	4.93	3.75	ppb
Molybdenum	96-1	5.25	4.99	4.93	5.06	3.37	ppb
Molybdenum	97-1	5.32	4.61	5.09	5.01	7.24	ppb
Molybdenum	98-1	4.94	4.91	5.12	4.99	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	0.98	1.04	1.05	7.73	ppb
Phosphorus	31-2	-5.55	61.08	69.37	41.63	98.66	ppb
Potassium	39-2	449.63	448.85	468.29	455.59	2.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	7.58	3.81	5.69	5.69	33.19	ppb
Selenium	78-2	3.52	6.28	5.34	5.05	27.77	ppb
Selenium	82-1	4.98	5.89	3.86	4.91	20.72	ppb
Silicon	28-1	-52.70	-127.26	-205.97	-128.64		ppb
Silver	109-1	1.10	1.16	1.15	1.14	2.74	ppb
Silver	107-1	1.03	1.13	1.06	1.07	4.34	ppb
Sodium	23-2	484.81	501.42	476.40	487.54	2.61	ppb
Strontium	86-1	0.81	0.90	1.02	0.91	11.25	ppb
Strontium	88-1	0.92	0.97	0.92	0.94	3.51	ppb
Sulfur	34-1	696.60	-727.26	-341.13	-123.93		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1.00	0.95	0.86	0.94	7.57	ppb
Thallium	205-1	0.81	0.91	0.97	0.90	9.31	ppb
Tin	118-1	5.01	5.07	4.92	5.00	1.47	ppb
Titanium	47-1	4.38	4.98	5.19	4.85	8.66	ppb
Uranium	238-1	0.93	0.89	0.90	0.91	2.01	ppb
Vanadium	51-2	5.20	5.12	4.87	5.06	3.43	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1.87	1.81	1.94	1.87	3.48	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:50:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.83	0.91	0.96	0.90	6.94	ppb
Zirconium	91-1	0.94	1.02	1.02	0.99	4.41	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:54:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	979.87	945.02	964.14	963.01	1.81	ppb
Antimony	121-1	50.47	48.07	48.92	49.16	2.48	ppb
Arsenic	75-1	49.56	48.44	48.37	48.79	1.37	ppb
Barium	135-1	253.18	247.37	241.57	247.37	2.35	ppb
Barium	137-1	253.78	244.84	241.75	246.79	2.53	ppb
Beryllium	9-1	49.78	49.80	48.86	49.48	1.09	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	48.43	49.60	49.68	49.23	1.41	ppb
Boron	10-1	48.25	54.42	46.54	49.74	8.34	ppb
Cadmium	106-1	58.76	53.45	51.79	54.67	6.66	ppb
Cadmium	108-1	52.42	50.74	53.30	52.15	2.50	ppb
Cadmium	111-1	52.83	52.02	49.18	51.34	3.74	ppb
Calcium	43-1	4974.61	4861.52	4807.35	4881.16	1.75	ppb
Calcium	44-1	5075.65	4952.40	4867.99	4965.35	2.10	ppb
Chromium	52-2	50.21	51.48	52.06	51.25	1.84	ppb
Cobalt	59-2	52.15	51.82	52.52	52.16	0.68	ppb
Copper	63-2	104.63	103.90	103.01	103.85	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	2570.96	2606.63	2615.34	2597.64	0.91	ppb
Iron	57-2	2557.56	2604.78	2570.23	2577.52	0.95	ppb
Krypton	83-1						cps
Lead	207-1	50.20	48.46	49.04	49.23	1.80	ppb
Lead	208-1	48.98	48.06	48.49	48.51	0.95	ppb
Lead	206-1	49.07	47.97	48.13	48.39	1.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	5135.33	5175.22	5311.63	5207.40	1.78	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:54:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.44	102.62	104.25	103.44	0.78	ppb
Molybdenum	94-1	247.30	247.28	243.34	245.97	0.93	ppb
Molybdenum	95-1	246.93	248.04	242.37	245.78	1.22	ppb
Molybdenum	96-1	245.47	248.98	243.40	245.95	1.15	ppb
Molybdenum	97-1	246.29	246.55	238.66	243.83	1.84	ppb
Molybdenum	98-1	250.43	247.89	245.25	247.85	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.51	53.32	53.13	52.99	0.80	ppb
Phosphorus	31-2	952.99	962.76	832.49	916.08	7.92	ppb
Potassium	39-2	2432.55	2422.07	2477.36	2443.99	1.20	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	43.29	54.43	51.76	49.83	11.68	ppb
Selenium	78-2	49.92	53.47	46.27	49.89	7.22	ppb
Selenium	82-1	47.05	52.60	50.23	49.96	5.57	ppb
Silicon	28-1	21.94	-53.42	-209.42	-80.30		ppb
Silver	109-1	52.65	50.09	50.15	50.97	2.87	ppb
Silver	107-1	51.84	49.21	49.18	50.07	3.05	ppb
Sodium	23-2	5260.98	5198.08	5245.28	5234.78	0.63	ppb
Strontium	86-1	50.41	49.03	48.35	49.26	2.13	ppb
Strontium	88-1	50.43	49.42	48.42	49.42	2.04	ppb
Sulfur	34-1	2422.58	1122.20	-269.54	1091.74	123.32	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	48.97	47.88	47.16	48.00	1.90	ppb
Thallium	205-1	49.19	48.34	47.79	48.44	1.46	ppb
Tin	118-1	51.49	49.17	49.04	49.90	2.76	ppb
Titanium	47-1	251.65	243.28	241.85	245.59	2.15	ppb
Uranium	238-1	47.59	46.79	46.64	47.01	1.08	ppb
Vanadium	51-2	50.18	50.69	51.23	50.70	1.04	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	102.52	104.29	109.22	105.34	3.30	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:54:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.42	48.45	48.50	48.79	1.12	ppb
Zirconium	91-1	50.76	48.88	48.91	49.52	2.18	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:58:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2341.40	2353.42	2415.74	2370.19	1.68	ppb
Antimony	121-1	121.82	121.59	124.37	122.59	1.26	ppb
Arsenic	75-1	122.20	124.02	126.47	124.23	1.72	ppb
Barium	135-1	607.33	612.19	616.54	612.02	0.75	ppb
Barium	137-1	615.55	619.49	612.33	615.79	0.58	ppb
Beryllium	9-1	125.25	126.25	125.79	125.77	0.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	126.89	121.58	120.69	123.05	2.72	ppb
Boron	10-1	118.26	135.09	127.11	126.82	6.64	ppb
Cadmium	106-1	129.06	128.16	127.10	128.11	0.76	ppb
Cadmium	108-1	130.56	123.49	131.03	128.36	3.29	ppb
Cadmium	111-1	126.70	124.49	127.09	126.09	1.11	ppb
Calcium	43-1	12324.71	12340.12	12575.75	12413.53	1.13	ppb
Calcium	44-1	12683.25	12618.29	12734.68	12678.74	0.46	ppb
Chromium	52-2	126.75	127.56	136.09	130.14	3.98	ppb
Cobalt	59-2	128.92	127.84	128.45	128.40	0.42	ppb
Copper	63-2	259.98	254.17	253.47	255.87	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	6309.81	6262.23	6397.24	6323.09	1.08	ppb
Iron	57-2	6415.82	6315.09	6422.72	6384.55	0.94	ppb
Krypton	83-1						cps
Lead	207-1	123.29	121.32	122.94	122.51	0.86	ppb
Lead	208-1	122.25	121.18	121.69	121.70	0.44	ppb
Lead	206-1	122.58	120.71	121.09	121.46	0.81	ppb
Lithium	6-1				105		%
Magnesium	24-2	12840.96	12706.50	13146.01	12897.82	1.75	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:58:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	252.65	252.22	259.79	254.89	1.67	ppb
Molybdenum	94-1	620.46	625.93	626.19	624.19	0.52	ppb
Molybdenum	95-1	619.87	622.36	627.05	623.09	0.58	ppb
Molybdenum	96-1	622.94	628.68	629.17	626.93	0.55	ppb
Molybdenum	97-1	612.34	622.58	617.58	617.50	0.83	ppb
Molybdenum	98-1	633.69	644.43	638.66	638.93	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.04	129.34	127.35	129.24	1.43	ppb
Phosphorus	31-2	2226.58	2571.54	2780.53	2526.22	11.07	ppb
Potassium	39-2	6021.93	5963.63	6151.17	6045.58	1.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	111.62	141.18	146.95	133.25	14.22	ppb
Selenium	78-2	126.58	136.22	112.87	125.22	9.37	ppb
Selenium	82-1	125.19	127.77	128.21	127.06	1.29	ppb
Silicon	28-1	-32.83	44.76	123.25	45.06	173.19	ppb
Silver	109-1	126.85	123.99	126.37	125.74	1.22	ppb
Silver	107-1	124.68	122.10	125.68	124.15	1.49	ppb
Sodium	23-2	13118.13	13030.15	13366.64	13171.64	1.32	ppb
Strontium	86-1	125.43	126.11	123.42	124.99	1.12	ppb
Strontium	88-1	125.46	125.38	123.23	124.69	1.01	ppb
Sulfur	34-1	3231.88	3454.47	4136.94	3607.76	13.07	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	119.98	120.44	121.70	120.71	0.74	ppb
Thallium	205-1	120.68	122.32	122.56	121.85	0.84	ppb
Tin	118-1	123.60	121.38	125.05	123.35	1.50	ppb
Titanium	47-1	620.23	613.26	622.89	618.80	0.80	ppb
Uranium	238-1	120.35	120.26	119.65	120.08	0.32	ppb
Vanadium	51-2	124.05	123.88	133.43	127.12	4.30	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	269.71	265.93	279.45	271.70	2.57	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:58:27	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	122.30	123.41	122.65	122.79	0.46	ppb
Zirconium	91-1	122.22	123.80	123.91	123.31	0.77	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:02:18 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4926.18	4868.69	4831.22	4875.36	0.98	ppb
Antimony	121-1	235.77	242.98	249.63	242.79	2.85	ppb
Arsenic	75-1	242.74	249.87	251.88	248.16	1.94	ppb
Barium	135-1	1182.84	1208.30	1238.06	1209.73	2.28	ppb
Barium	137-1	1214.52	1238.62	1281.77	1244.97	2.74	ppb
Beryllium	9-1	245.79	250.67	252.96	249.81	1.47	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	11-1	242.50	246.04	248.90	245.81	1.30	ppb
Boron	10-1	243.56	247.46	244.82	245.28	0.81	ppb
Cadmium	106-1	240.59	238.02	254.00	244.20	3.51	ppb
Cadmium	108-1	251.16	261.45	255.97	256.19	2.01	ppb
Cadmium	111-1	247.99	244.57	251.47	248.01	1.39	ppb
Calcium	43-1	23879.49	24717.24	24725.60	24440.78	1.99	ppb
Calcium	44-1	24116.83	24825.21	24882.01	24608.02	1.73	ppb
Chromium	52-2	266.08	263.97	261.45	263.83	0.88	ppb
Cobalt	59-2	267.48	263.40	265.77	265.55	0.77	ppb
Copper	63-2	532.03	526.50	533.71	530.75	0.71	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				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	13042.97	12853.97	13027.26	12974.73	0.81	ppb
Iron	57-2	13304.97	13108.79	13196.12	13203.29	0.74	ppb
Krypton	83-1						cps
Lead	207-1	245.25	247.64	247.71	246.87	0.57	ppb
Lead	208-1	242.01	246.02	246.04	244.69	0.95	ppb
Lead	206-1	240.21	246.93	245.31	244.15	1.44	ppb
Lithium	6-1				106		%
Magnesium	24-2	26412.83	26061.13	26210.47	26228.14	0.67	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:02:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	525.69	522.88	527.41	525.33	0.44	ppb
Molybdenum	94-1	1216.59	1270.38	1266.65	1251.20	2.40	ppb
Molybdenum	95-1	1213.23	1273.37	1279.24	1255.28	2.91	ppb
Molybdenum	96-1	1231.76	1268.63	1281.13	1260.51	2.04	ppb
Molybdenum	97-1	1187.68	1243.64	1237.52	1222.95	2.51	ppb
Molybdenum	98-1	1213.34	1282.29	1266.07	1253.90	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	268.32	265.63	268.09	267.35	0.56	ppb
Phosphorus	31-2	5411.93	5152.48	4998.66	5187.69	4.03	ppb
Potassium	39-2	12513.76	12255.70	12231.31	12333.59	1.27	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	276.27	256.21	293.90	275.46	6.85	ppb
Selenium	78-2	249.91	259.16	262.01	257.03	2.46	ppb
Selenium	82-1	244.61	254.90	254.26	251.26	2.29	ppb
Silicon	28-1	2.72	169.78	123.86	98.79	87.36	ppb
Silver	109-1	245.84	247.74	252.29	248.62	1.33	ppb
Silver	107-1	240.06	242.36	247.76	243.39	1.62	ppb
Sodium	23-2	26797.63	26482.48	25908.26	26396.12	1.71	ppb
Strontium	86-1	234.82	248.55	251.27	244.88	3.60	ppb
Strontium	88-1	243.63	248.54	258.28	250.15	2.98	ppb
Sulfur	34-1	2544.01	3703.86	2826.59	3024.82	19.99	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	237.66	242.57	247.25	242.50	1.98	ppb
Thallium	205-1	244.95	247.31	246.11	246.12	0.48	ppb
Tin	118-1	238.31	242.82	248.71	243.28	2.14	ppb
Titanium	47-1	1196.99	1240.39	1233.36	1223.58	1.90	ppb
Uranium	238-1	235.91	248.42	246.34	243.56	2.75	ppb
Vanadium	51-2	264.57	261.32	259.06	261.65	1.06	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	543.75	541.09	543.72	542.85	0.28	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:02:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	238.28	247.40	250.22	245.30	2.54	ppb
Zirconium	91-1	237.82	252.16	249.11	246.37	3.07	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:06:05	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9326.55	9278.14	9317.46	9307.39	0.28	ppb
Antimony	121-1	494.67	625.98	536.19	552.28	12.15	ppb
Arsenic	75-1	495.26	613.95	525.29	544.83	11.33	ppb
Barium	135-1	2460.92	3113.15	2623.94	2732.67	12.42	ppb
Barium	137-1	2448.64	3147.05	2643.54	2746.41	13.12	ppb
Beryllium	9-1	497.18	592.61	516.11	535.30	9.44	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	11-1	481.24	582.83	514.47	526.18	9.84	ppb
Boron	10-1	475.56	591.35	527.06	531.32	10.92	ppb
Cadmium	106-1	494.64	602.27	523.48	540.13	10.31	ppb
Cadmium	108-1	491.69	614.69	524.40	543.59	11.72	ppb
Cadmium	111-1	496.08	616.53	526.31	546.31	11.47	ppb
Calcium	43-1	48502.11	60827.53	52199.53	53843.06	11.75	ppb
Calcium	44-1	48320.37	60301.43	51648.63	53423.48	11.58	ppb
Chromium	52-2	504.61	502.20	496.97	501.26	0.78	ppb
Cobalt	59-2	504.73	505.38	503.43	504.51	0.20	ppb
Copper	63-2	1014.08	1010.75	1005.15	1010.00	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	24540.88	24854.22	24213.75	24536.28	1.31	ppb
Iron	57-2	25098.22	25073.74	24891.80	25021.25	0.45	ppb
Krypton	83-1						cps
Lead	207-1	490.97	606.23	530.86	542.69	10.79	ppb
Lead	208-1	490.92	605.05	529.43	541.80	10.72	ppb
Lead	206-1	486.94	598.13	525.41	536.83	10.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	51312.13	50624.59	49833.89	50590.20	1.46	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:06:05	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.03	1004.21	990.61	1001.61	1.00	ppb
Molybdenum	94-1	2454.73	3034.88	2619.79	2703.13	11.06	ppb
Molybdenum	95-1	2435.30	2998.19	2646.34	2693.28	10.56	ppb
Molybdenum	96-1	2459.92	2999.31	2664.48	2707.90	10.06	ppb
Molybdenum	97-1	2453.80	3037.34	2685.45	2725.53	10.78	ppb
Molybdenum	98-1	2438.30	3033.19	2674.59	2715.36	11.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.38	508.59	507.24	507.73	0.15	ppb
Phosphorus	31-2	10210.77	9773.22	10046.04	10010.01	2.21	ppb
Potassium	39-2	24054.17	23782.72	23659.82	23832.23	0.85	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	77-2	520.71	468.09	527.91	505.57	6.46	ppb
Selenium	78-2	521.78	502.81	499.95	508.18	2.33	ppb
Selenium	82-1	479.88	598.28	523.52	533.90	11.22	ppb
Silicon	28-1	342.01	1635.80	677.04	884.95	75.88	ppb
Silver	109-1	488.16	616.43	530.84	545.14	11.98	ppb
Silver	107-1	491.34	614.89	533.04	546.42	11.50	ppb
Sodium	23-2	49837.62	49607.69	49201.30	49548.87	0.65	ppb
Strontium	86-1	488.95	606.20	516.62	537.26	11.41	ppb
Strontium	88-1	493.49	603.83	522.62	539.98	10.59	ppb
Sulfur	34-1	6472.53	19234.15	8484.36	11397.01	60.20	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	481.29	594.17	521.76	532.41	10.74	ppb
Thallium	205-1	490.06	606.85	532.42	543.11	10.89	ppb
Tin	118-1	488.05	620.24	528.71	545.66	12.41	ppb
Titanium	47-1	2408.18	3027.73	2594.40	2676.77	11.88	ppb
Uranium	238-1	492.74	609.84	538.59	547.06	10.79	ppb
Vanadium	51-2	505.05	503.67	496.70	501.81	0.89	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	1015.27	1010.95	1006.91	1011.04	0.41	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:06:05	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.03	618.03	533.57	547.54	11.81	ppb
Zirconium	91-1	484.16	599.51	527.78	537.15	10.84	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:09:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18357.47	18257.58	18458.99	18358.01	0.55	ppb
Antimony	121-1	980.21	970.50	977.30	976.01	0.51	ppb
Arsenic	75-1	978.95	974.26	981.39	978.20	0.37	ppb
Barium	135-1	4915.15	4885.09	4886.21	4895.48	0.35	ppb
Barium	137-1	4862.97	4880.64	4894.48	4879.36	0.32	ppb
Beryllium	9-1	986.38	980.83	979.78	982.33	0.36	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	11-1	979.15	982.08	1003.57	988.27	1.35	ppb
Boron	10-1	1020.16	955.00	980.95	985.37	3.33	ppb
Cadmium	106-1	972.72	981.26	988.30	980.76	0.80	ppb
Cadmium	108-1	971.87	978.39	978.13	976.13	0.38	ppb
Cadmium	111-1	975.37	981.39	974.66	977.14	0.38	ppb
Calcium	43-1	96833.48	96577.30	98050.81	97153.87	0.81	ppb
Calcium	44-1	95439.88	95737.90	97491.72	96223.17	1.15	ppb
Chromium	52-2	989.84	988.28	1007.50	995.21	1.07	ppb
Cobalt	59-2	993.86	969.57	1016.54	993.32	2.37	ppb
Copper	63-2	1982.64	1960.92	2015.61	1986.39	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	48135.25	48350.48	49347.23	48610.99	1.33	ppb
Iron	57-2	49394.57	49231.55	50220.82	49615.65	1.07	ppb
Krypton	83-1						cps
Lead	207-1	980.24	982.25	976.88	979.79	0.28	ppb
Lead	208-1	983.23	981.46	978.05	980.91	0.27	ppb
Lead	206-1	983.99	986.37	980.36	983.57	0.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	97327.84	96180.25	99138.65	97548.92	1.53	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:09:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1984.41	1976.33	2015.50	1992.08	1.04	ppb
Molybdenum	94-1	4871.50	4910.32	4913.48	4898.44	0.48	ppb
Molybdenum	95-1	4904.98	4872.27	4930.23	4902.49	0.59	ppb
Molybdenum	96-1	4866.57	4860.07	4953.52	4893.38	1.07	ppb
Molybdenum	97-1	4845.70	4916.24	4923.79	4895.24	0.88	ppb
Molybdenum	98-1	4872.14	4829.86	4967.13	4889.71	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.46	980.08	1005.81	991.12	1.34	ppb
Phosphorus	31-2	19751.98	19791.71	20303.28	19948.99	1.54	ppb
Potassium	39-2	47719.45	47110.41	47900.64	47576.83	0.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	1022.46	971.88	975.13	989.82	2.86	ppb
Selenium	78-2	982.03	975.47	1024.89	994.13	2.70	ppb
Selenium	82-1	968.58	988.54	990.33	982.48	1.23	ppb
Silicon	28-1	804.72	877.51	907.43	863.22	6.12	ppb
Silver	109-1	972.36	987.77	972.77	977.63	0.90	ppb
Silver	107-1	977.57	980.60	977.45	978.54	0.18	ppb
Sodium	23-2	96774.28	95558.54	97745.03	96692.61	1.13	ppb
Strontium	86-1	970.45	987.59	990.03	982.69	1.09	ppb
Strontium	88-1	975.74	977.41	986.97	980.04	0.62	ppb
Sulfur	34-1	19653.05	18969.39	20334.26	19652.23	3.47	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	984.86	982.22	991.84	986.31	0.50	ppb
Thallium	205-1	976.54	985.41	977.71	979.89	0.49	ppb
Tin	118-1	977.13	982.26	977.79	979.06	0.28	ppb
Titanium	47-1	4907.63	4901.88	4948.14	4919.22	0.51	ppb
Uranium	238-1	981.59	977.18	977.77	978.85	0.24	ppb
Vanadium	51-2	991.74	988.80	1007.10	995.88	0.99	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	1966.81	1960.12	2015.43	1980.79	1.52	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:09:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	981.02	977.76	974.45	977.74	0.34	ppb
Zirconium	91-1	969.97	990.01	987.72	982.57	1.12	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:13:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99942.29	100007.64	101272.59	100407.51	0.75	ppb
Antimony	121-1	1.18	1.14	1.10	1.14	3.54	ppb
Arsenic	75-1	1.43	1.46	1.51	1.47	2.68	ppb
Barium	135-1	0.79	0.94	0.62	0.78	20.42	ppb
Barium	137-1	0.80	0.73	0.63	0.72	11.97	ppb
Beryllium	9-1	0.23	0.20	0.21	0.21	8.83	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	11-1	18.61	18.02	14.58	17.07	12.76	ppb
Boron	10-1	15.71	18.55	15.07	16.44	11.25	ppb
Cadmium	106-1	3.11	1.41	2.66	2.40	36.72	ppb
Cadmium	108-1	0.30	0.23	0.24	0.25	15.20	ppb
Cadmium	111-1	0.29	0.18	0.24	0.24	23.29	ppb
Calcium	43-1	502177.28	497310.64	501160.89	500216.27	0.51	ppb
Calcium	44-1	500278.80	498061.81	502944.99	500428.53	0.49	ppb
Chromium	52-2	7.11	6.93	6.83	6.96	2.01	ppb
Cobalt	59-2	11.85	11.77	12.09	11.91	1.40	ppb
Copper	63-2	3.86	3.86	3.82	3.85	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	249332.83	250287.52	251272.56	250297.63	0.39	ppb
Iron	57-2	249853.36	248633.69	251619.28	250035.44	0.60	ppb
Krypton	83-1						cps
Lead	207-1	1.79	1.88	1.81	1.83	2.59	ppb
Lead	208-1	1.87	1.88	1.95	1.90	2.06	ppb
Lead	206-1	1.96	1.98	2.00	1.98	1.04	ppb
Lithium	6-1				97		%
Magnesium	24-2	495287.82	502203.10	503582.39	500357.77	0.89	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:13:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.02	7.43	7.96	7.80	4.13	ppb
Molybdenum	94-1	2.47	2.57	2.37	2.47	3.99	ppb
Molybdenum	95-1	3.06	3.09	3.01	3.05	1.35	ppb
Molybdenum	96-1	3.39	3.03	3.19	3.20	5.59	ppb
Molybdenum	97-1	2.98	2.86	2.79	2.87	3.24	ppb
Molybdenum	98-1	2.76	2.78	2.75	2.77	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.18	11.77	13.09	12.35	5.44	ppb
Phosphorus	31-2	-39.60	-39.50	-13.94	-31.02		ppb
Potassium	39-2	248777.13	250154.08	252915.25	250615.49	0.84	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	1.87	1.86	0.00	1.24	86.60	ppb
Selenium	78-2	-0.14	0.46	0.76	0.36	126.93	ppb
Selenium	82-1	-0.28	-0.52	1.02	0.07	1143.11	ppb
Silicon	28-1	323.27	213.64	364.22	300.38	25.92	ppb
Silver	109-1	0.20	0.15	0.17	0.17	12.60	ppb
Silver	107-1	0.17	0.21	0.17	0.19	12.52	ppb
Sodium	23-2	496922.65	500878.86	504051.46	500617.66	0.71	ppb
Strontium	86-1	4.33	4.43	3.86	4.21	7.23	ppb
Strontium	88-1	4.20	4.42	4.22	4.28	2.91	ppb
Sulfur	34-1	-6406.29	-6618.37	-5203.11	-6075.92		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.06	0.04	0.05	22.96	ppb
Thallium	205-1	0.10	0.07	0.06	0.08	21.57	ppb
Tin	118-1	0.63	0.65	0.57	0.62	6.97	ppb
Titanium	47-1	0.24	0.29	1.21	0.58	94.25	ppb
Uranium	238-1	0.07	0.07	0.04	0.06	25.46	ppb
Vanadium	51-2	0.19	0.19	0.19	0.19	0.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	18.42	18.00	18.51	18.31	1.50	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:13:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.26	0.24	0.25	3.63	ppb
Zirconium	91-1	0.29	0.25	0.14	0.23	34.46	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:19:19	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	573.93	556.84	584.03	571.60	2.40	ppb
Antimony	121-1	191.67	191.44	196.67	193.26	1.53	ppb
Arsenic	75-1	187.01	190.34	189.45	188.93	0.91	ppb
Barium	135-1	96.96	97.22	97.77	97.32	0.42	ppb
Barium	137-1	97.57	98.91	97.71	98.06	0.75	ppb
Beryllium	9-1	97.46	95.59	96.41	96.48	0.97	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	11-1	8.05	7.71	6.92	7.56	7.66	ppb
Boron	10-1	4.57	7.29	7.72	6.53	26.22	ppb
Cadmium	106-1	84.25	85.25	94.47	87.99	6.40	ppb
Cadmium	108-1	94.08	92.12	94.00	93.40	1.19	ppb
Cadmium	111-1	98.75	99.32	101.40	99.82	1.40	ppb
Calcium	43-1	1838.94	1934.99	1965.76	1913.23	3.46	ppb
Calcium	44-1	1926.80	1974.57	1933.73	1945.03	1.33	ppb
Chromium	52-2	96.26	96.17	97.70	96.71	0.89	ppb
Cobalt	59-2	98.99	99.22	101.58	99.93	1.43	ppb
Copper	63-2	101.43	102.20	103.35	102.33	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				100		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	979.79	982.86	995.86	986.17	0.86	ppb
Iron	57-2	1013.69	996.21	1025.52	1011.81	1.46	ppb
Krypton	83-1						cps
Lead	207-1	192.55	195.95	188.84	192.45	1.85	ppb
Lead	208-1	195.88	197.99	192.17	195.35	1.51	ppb
Lead	206-1	200.63	200.47	198.05	199.72	0.72	ppb
Lithium	6-1				101		%
Magnesium	24-2	1217.54	1221.29	1223.29	1220.71	0.24	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:19:19	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.84	95.80	99.18	97.27	1.78	ppb
Molybdenum	94-1	0.06	0.09	0.09	0.08	19.19	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	15.62	ppb
Molybdenum	96-1	0.07	0.10	0.04	0.07	42.74	ppb
Molybdenum	97-1	0.03	0.10	0.06	0.06	63.22	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	10.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.06	101.69	101.36	100.70	1.42	ppb
Phosphorus	31-2	-40.40	-8.09	-39.82	-29.43		ppb
Potassium	39-2	1988.90	1902.39	1982.16	1957.82	2.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	176.02	254.44	204.55	211.67	18.75	ppb
Selenium	78-2	217.70	205.16	236.73	219.86	7.23	ppb
Selenium	82-1	193.41	199.92	201.27	198.20	2.12	ppb
Silicon	28-1	157.40	174.20	180.32	170.64	6.96	ppb
Silver	109-1	100.99	101.06	103.11	101.72	1.19	ppb
Silver	107-1	99.25	97.97	101.37	99.53	1.73	ppb
Sodium	23-2	2115.96	2101.34	2141.80	2119.70	0.97	ppb
Strontium	86-1	2.01	2.20	2.54	2.25	11.78	ppb
Strontium	88-1	2.35	2.20	2.32	2.29	3.45	ppb
Sulfur	34-1	-5884.50	-5020.71	-6563.86	-5823.02		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	199.21	201.86	195.03	198.70	1.73	ppb
Thallium	205-1	200.45	202.58	195.96	199.66	1.69	ppb
Tin	118-1	0.04	0.03	0.05	0.04	27.40	ppb
Titanium	47-1	1.17	0.68	-0.32	0.51	148.16	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	8.77	ppb
Vanadium	51-2	96.62	96.32	97.81	96.92	0.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	199.04	200.50	202.93	200.82	0.98	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:19:19	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.00	0.00	0.01	120.85	ppb
Zirconium	91-1	0.03	0.12	0.02	0.05	101.48	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:23:30 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	-2.58	-1.25	-1.06		ppb
Antimony	121-1	0.08	0.09	0.05	0.07	30.50	ppb
Arsenic	75-1	0.04	0.09	0.12	0.08	51.74	ppb
Barium	135-1	0.03	0.03	0.02	0.03	29.13	ppb
Barium	137-1	0.00	0.02	0.00	0.01	173.36	ppb
Beryllium	9-1	0.12	0.05	0.05	0.07	56.66	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	11-1	5.52	5.42	5.57	5.50	1.39	ppb
Boron	10-1	5.90	5.45	5.46	5.60	4.62	ppb
Cadmium	106-1	5.74	2.94	1.43	3.37	64.91	ppb
Cadmium	108-1	0.08	-0.08	0.16	0.05	229.62	ppb
Cadmium	111-1	0.41	0.22	0.10	0.24	62.79	ppb
Calcium	43-1	-5.33	8.42	-19.47	-5.46		ppb
Calcium	44-1	32.49	35.82	27.05	31.78	13.93	ppb
Chromium	52-2	0.05	0.09	0.11	0.09	38.58	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	1376.78	ppb
Copper	63-2	0.11	0.13	0.14	0.13	11.94	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				99		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	1.90	1.33	1.58	1.60	17.84	ppb
Iron	57-2	1.60	2.66	2.24	2.17	24.58	ppb
Krypton	83-1						cps
Lead	207-1	0.16	0.31	0.21	0.23	32.70	ppb
Lead	208-1	0.20	0.26	0.22	0.23	12.14	ppb
Lead	206-1	0.25	0.23	0.23	0.24	5.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.18	3.10	2.58	2.96	11.13	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:23:30 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.04	0.00	0.00	621.92	ppb
Molybdenum	94-1	0.02	0.04	0.03	0.03	27.93	ppb
Molybdenum	95-1	0.01	0.03	0.03	0.02	57.03	ppb
Molybdenum	96-1	0.03	0.00	0.02	0.02	91.71	ppb
Molybdenum	97-1	0.06	0.02	0.05	0.04	51.84	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	36.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.02	-0.02		ppb
Phosphorus	31-2	-6.08	-31.97	-39.15	-25.73		ppb
Potassium	39-2	23.97	6.44	32.44	20.95	63.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	0.16	-0.41	-0.03		ppb
Selenium	82-1	-0.16	0.37	0.96	0.39	142.17	ppb
Silicon	28-1	175.57	229.04	96.69	167.10	39.84	ppb
Silver	109-1	0.11	0.12	0.07	0.10	26.26	ppb
Silver	107-1	0.09	0.09	0.10	0.09	8.34	ppb
Sodium	23-2	101.92	88.89	99.46	96.76	7.15	ppb
Strontium	86-1	0.06	-0.05	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	57.79	ppb
Sulfur	34-1	-5668.40	-5590.36	-6698.31	-5985.69		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	-0.02	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	865.78	ppb
Tin	118-1	0.00	0.02	0.04	0.02	87.48	ppb
Titanium	47-1	-0.52	0.48	-0.25	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	11.31	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	63.64	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.17	0.34	0.18	0.23	39.82	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:23:30	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	31.42	ppb
Zirconium	91-1	-0.03	-0.04	-0.03	-0.04		ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:27:03 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93014.32	91100.82	90429.76	91514.97	1.47	ppb
Antimony	121-1	1.27	1.41	1.25	1.31	6.25	ppb
Arsenic	75-1	1.77	1.88	1.79	1.81	3.04	ppb
Barium	135-1	1.41	1.45	1.40	1.42	1.80	ppb
Barium	137-1	1.49	1.54	1.52	1.52	1.62	ppb
Beryllium	9-1	0.43	0.37	0.57	0.46	23.10	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	11-1	6.56	5.26	5.89	5.90	11.00	ppb
Boron	10-1	7.31	4.56	6.30	6.05	22.99	ppb
Cadmium	106-1	-0.38	-1.78	2.51	0.11	1902.13	ppb
Cadmium	108-1	6.72	9.46	8.85	8.35	17.29	ppb
Cadmium	111-1	0.24	0.24	0.44	0.30	37.74	ppb
Calcium	43-1	95548.16	98812.56	98476.09	97612.27	1.84	ppb
Calcium	44-1	95844.85	99757.05	98076.30	97892.74	2.00	ppb
Chromium	52-2	22.09	21.22	21.64	21.65	2.02	ppb
Cobalt	59-2	1.29	1.25	1.24	1.26	1.95	ppb
Copper	63-2	8.76	8.98	8.72	8.82	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				105		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	104076.56	102088.38	100975.05	102380.00	1.53	ppb
Iron	57-2	106956.64	105926.61	104867.57	105916.94	0.99	ppb
Krypton	83-1						cps
Lead	207-1	4.35	4.74	4.62	4.57	4.33	ppb
Lead	208-1	4.58	4.95	4.63	4.72	4.19	ppb
Lead	206-1	5.09	5.42	4.74	5.08	6.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	105977.81	105058.99	104430.17	105155.66	0.74	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:27:03	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.89	8.08	8.50	8.49	4.78	ppb
Molybdenum	94-1	1372.26	1419.31	1417.62	1403.07	1.90	ppb
Molybdenum	95-1	1960.49	2055.02	2016.69	2010.74	2.36	ppb
Molybdenum	96-1	1892.89	1958.38	1951.01	1934.09	1.85	ppb
Molybdenum	97-1	1948.08	2022.22	1990.74	1987.01	1.87	ppb
Molybdenum	98-1	1940.37	2019.58	2008.52	1989.49	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.75	5.75	5.64	5.71	1.11	ppb
Phosphorus	31-2	109752.77	105428.75	107625.75	107602.42	2.01	ppb
Potassium	39-2	101944.82	101439.98	102533.54	101972.78	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	1.91	0.00	0.00	0.64	173.21	ppb
Selenium	78-2	-0.73	0.49	-0.12	-0.12		ppb
Selenium	82-1	0.66	-0.69	-1.48	-0.50		ppb
Silicon	28-1	124.28	274.92	223.78	207.66	36.89	ppb
Silver	109-1	0.53	0.57	0.53	0.54	4.90	ppb
Silver	107-1	0.54	0.53	0.60	0.56	6.27	ppb
Sodium	23-2	107314.01	104640.00	104268.64	105407.55	1.58	ppb
Strontium	86-1	33.63	34.61	34.53	34.26	1.59	ppb
Strontium	88-1	33.58	34.90	34.43	34.30	1.95	ppb
Sulfur	34-1	161093.03	169265.97	163217.88	164525.62	2.58	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.16	0.08	0.06	0.10	54.94	ppb
Thallium	205-1	0.15	0.10	0.04	0.10	55.41	ppb
Tin	118-1	0.17	0.22	0.17	0.19	14.65	ppb
Titanium	47-1	1977.43	2035.26	2027.79	2013.49	1.56	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	49.85	ppb
Vanadium	51-2	0.20	0.17	0.17	0.18	9.33	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	13.88	13.23	12.44	13.18	5.45	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:27:03	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.04	0.02	0.02	46.95	ppb
Zirconium	91-1	-0.01	0.05	0.02	0.02	160.11	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:30:29	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88038.63	89976.09	89104.76	89039.83	1.09	ppb
Antimony	121-1	21.64	21.30	20.81	21.25	1.96	ppb
Arsenic	75-1	21.98	20.67	21.43	21.36	3.08	ppb
Barium	135-1	22.08	22.09	21.35	21.84	1.94	ppb
Barium	137-1	22.36	22.49	21.97	22.27	1.20	ppb
Beryllium	9-1	21.65	21.02	20.86	21.17	1.96	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	11-1	54.79	59.58	56.26	56.88	4.32	ppb
Boron	10-1	61.40	54.82	50.02	55.41	10.31	ppb
Cadmium	106-1	25.61	27.45	21.14	24.74	13.11	ppb
Cadmium	108-1	31.64	30.77	27.67	30.02	6.96	ppb
Cadmium	111-1	21.09	21.21	19.73	20.68	3.98	ppb
Calcium	43-1	98682.95	97422.05	97703.74	97936.25	0.68	ppb
Calcium	44-1	98460.28	98110.85	97600.15	98057.09	0.44	ppb
Chromium	52-2	41.04	41.70	40.98	41.24	0.97	ppb
Cobalt	59-2	21.77	22.09	22.27	22.04	1.16	ppb
Copper	63-2	28.84	29.89	28.90	29.21	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	98798.18	100498.67	101063.05	100119.96	1.18	ppb
Iron	57-2	103043.18	103536.55	103984.72	103521.48	0.45	ppb
Krypton	83-1						cps
Lead	207-1	25.14	24.88	24.79	24.94	0.73	ppb
Lead	208-1	25.47	25.19	25.09	25.25	0.77	ppb
Lead	206-1	27.08	26.47	26.40	26.65	1.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	101647.15	103574.96	102762.19	102661.43	0.94	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:30:29	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.83	29.09	27.55	28.16	2.90	ppb
Molybdenum	94-1	1545.41	1518.38	1491.81	1518.53	1.77	ppb
Molybdenum	95-1	2102.08	2082.81	2029.47	2071.45	1.82	ppb
Molybdenum	96-1	2029.55	1999.39	1978.46	2002.47	1.28	ppb
Molybdenum	97-1	2084.69	2066.28	2036.89	2062.62	1.17	ppb
Molybdenum	98-1	2066.62	2047.80	2037.11	2050.51	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.56	26.38	26.53	26.16	1.99	ppb
Phosphorus	31-2	101537.78	103945.95	105651.24	103711.66	1.99	ppb
Potassium	39-2	97624.95	100247.67	100291.36	99387.99	1.54	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	17.10	17.21	19.01	17.78	6.03	ppb
Selenium	78-2	25.15	21.33	20.29	22.26	11.49	ppb
Selenium	82-1	22.35	21.07	18.69	20.70	8.97	ppb
Silicon	28-1	338.65	335.94	341.14	338.57	0.77	ppb
Silver	109-1	20.18	19.54	19.70	19.81	1.70	ppb
Silver	107-1	19.83	19.40	20.05	19.76	1.69	ppb
Sodium	23-2	102843.78	104197.09	104183.42	103741.43	0.75	ppb
Strontium	86-1	82.88	80.25	82.06	81.73	1.65	ppb
Strontium	88-1	82.81	82.21	81.48	82.17	0.81	ppb
Sulfur	34-1	165537.28	161312.28	162695.97	163181.84	1.32	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	21.70	20.57	20.82	21.03	2.83	ppb
Thallium	205-1	21.37	20.38	20.65	20.80	2.47	ppb
Tin	118-1	49.38	48.49	48.48	48.78	1.06	ppb
Titanium	47-1	2085.57	2051.40	2071.78	2069.58	0.83	ppb
Uranium	238-1	50.55	48.52	48.72	49.26	2.27	ppb
Vanadium	51-2	20.74	20.63	20.58	20.65	0.41	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	32.53	32.00	31.74	32.09	1.25	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:30:29	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.93	48.78	48.30	48.67	0.67	ppb
Zirconium	91-1	49.83	49.38	48.56	49.26	1.30	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:33:55	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51622.09	51946.43	50914.99	51494.50	1.02	ppb
Antimony	121-1	482.90	501.55	480.57	488.34	2.36	ppb
Arsenic	75-1	471.25	488.58	462.24	474.03	2.82	ppb
Barium	135-1	2390.50	2498.70	2375.85	2421.68	2.77	ppb
Barium	137-1	2414.86	2509.36	2382.83	2435.69	2.70	ppb
Beryllium	9-1	494.07	500.28	490.18	494.85	1.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	489.35	502.91	496.49	496.25	1.37	ppb
Boron	10-1	475.78	506.42	527.75	503.31	5.19	ppb
Cadmium	106-1	472.61	481.30	476.14	476.68	0.92	ppb
Cadmium	108-1	478.26	489.98	482.40	483.55	1.23	ppb
Cadmium	111-1	471.16	489.92	469.71	476.93	2.36	ppb
Calcium	43-1	236598.96	244607.77	231322.70	237509.81	2.82	ppb
Calcium	44-1	235171.48	240431.34	230655.96	235419.59	2.08	ppb
Chromium	52-2	483.69	492.09	476.26	484.02	1.64	ppb
Cobalt	59-2	480.82	490.63	475.01	482.15	1.64	ppb
Copper	63-2	926.62	946.15	913.55	928.77	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	120266.19	122629.32	117810.12	120235.21	2.00	ppb
Iron	57-2	122620.27	126482.81	120379.32	123160.80	2.51	ppb
Krypton	83-1						cps
Lead	207-1	477.47	500.54	482.53	486.85	2.49	ppb
Lead	208-1	479.02	496.74	479.15	484.97	2.10	ppb
Lead	206-1	479.22	501.49	482.93	487.88	2.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	237387.36	242346.03	235079.49	238270.96	1.56	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:33:55	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.12	990.49	954.51	974.71	1.89	ppb
Molybdenum	94-1	2428.63	2530.24	2392.47	2450.45	2.92	ppb
Molybdenum	95-1	2436.40	2498.45	2412.49	2449.11	1.81	ppb
Molybdenum	96-1	2434.30	2497.08	2383.09	2438.16	2.34	ppb
Molybdenum	97-1	2429.70	2518.27	2399.51	2449.16	2.52	ppb
Molybdenum	98-1	2449.64	2534.57	2373.05	2452.42	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.86	487.92	468.56	476.78	2.10	ppb
Phosphorus	31-2	9525.97	10187.50	9795.09	9836.19	3.38	ppb
Potassium	39-2	120855.77	121531.70	118099.73	120162.40	1.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	532.34	536.07	521.84	530.08	1.39	ppb
Selenium	78-2	482.83	485.20	493.47	487.16	1.15	ppb
Selenium	82-1	482.39	489.35	467.97	479.90	2.27	ppb
Silicon	28-1	761.12	874.43	653.00	762.85	14.51	ppb
Silver	109-1	468.95	477.57	464.00	470.17	1.46	ppb
Silver	107-1	477.88	480.75	462.74	473.79	2.04	ppb
Sodium	23-2	239547.31	245983.04	233729.50	239753.28	2.56	ppb
Strontium	86-1	485.98	494.58	472.81	484.46	2.26	ppb
Strontium	88-1	482.92	497.66	473.14	484.57	2.55	ppb
Sulfur	34-1	7562.41	8892.24	6368.73	7607.80	16.59	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	482.21	495.45	480.12	485.93	1.71	ppb
Thallium	205-1	486.24	510.84	488.58	495.22	2.74	ppb
Tin	118-1	474.19	490.73	476.05	480.33	1.89	ppb
Titanium	47-1	2356.31	2455.12	2330.45	2380.63	2.76	ppb
Uranium	238-1	491.77	514.08	485.98	497.27	2.98	ppb
Vanadium	51-2	490.93	495.45	481.46	489.28	1.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	960.09	958.62	934.02	950.91	1.54	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:33:55	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.12	503.43	478.44	491.33	2.55	ppb
Zirconium	91-1	478.26	497.29	472.32	482.62	2.70	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:37:16	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.74	-1.28	1.08	-0.98		ppb
Antimony	121-1	0.15	0.11	0.12	0.13	17.79	ppb
Arsenic	75-1	0.07	0.12	0.09	0.09	26.54	ppb
Barium	135-1	0.03	0.06	0.10	0.06	56.52	ppb
Barium	137-1	0.08	0.04	0.11	0.08	45.26	ppb
Beryllium	9-1	0.10	0.08	0.08	0.09	14.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	8.92	7.40	6.88	7.73	13.72	ppb
Boron	10-1	8.53	10.55	6.71	8.60	22.35	ppb
Cadmium	106-1	2.92	2.75	-0.88	1.60	134.52	ppb
Cadmium	108-1	0.15	0.07	0.38	0.20	78.55	ppb
Cadmium	111-1	0.21	0.21	-0.06	0.12	130.74	ppb
Calcium	43-1	-39.39	-27.13	-25.98	-30.84		ppb
Calcium	44-1	26.99	30.93	33.82	30.58	11.22	ppb
Chromium	52-2	0.10	-0.02	0.03	0.04	161.75	ppb
Cobalt	59-2	0.00	0.02	0.02	0.01	90.09	ppb
Copper	63-2	0.42	0.35	0.34	0.37	10.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	5.33	6.80	9.00	7.04	26.21	ppb
Iron	57-2	3.74	4.58	10.88	6.40	60.95	ppb
Krypton	83-1						cps
Lead	207-1	0.40	0.38	0.48	0.42	12.90	ppb
Lead	208-1	0.48	0.40	0.45	0.44	9.04	ppb
Lead	206-1	0.57	0.42	0.45	0.48	15.56	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.89	8.38	16.12	9.46	65.35	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:37:16	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.05	0.06	0.05	25.49	ppb
Molybdenum	94-1	0.13	0.08	0.31	0.17	69.57	ppb
Molybdenum	95-1	0.16	0.15	0.18	0.16	8.58	ppb
Molybdenum	96-1	0.08	0.23	0.25	0.19	48.41	ppb
Molybdenum	97-1	0.11	0.15	0.24	0.17	40.28	ppb
Molybdenum	98-1	0.19	0.16	0.24	0.20	21.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.01	0.00	613.03	ppb
Phosphorus	31-2	-47.48	-22.41	-39.68	-36.53		ppb
Potassium	39-2	61.55	61.51	71.28	64.78	8.69	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	0.49	1.39	0.69	90.92	ppb
Selenium	82-1	1.10	0.22	0.45	0.59	76.44	ppb
Silicon	28-1	210.59	282.14	160.02	217.58	28.20	ppb
Silver	109-1	0.10	0.08	0.12	0.10	18.64	ppb
Silver	107-1	0.11	0.10	0.12	0.11	11.02	ppb
Sodium	23-2	151.60	158.89	152.55	154.35	2.57	ppb
Strontium	86-1	-0.01	-0.10	-0.08	-0.06		ppb
Strontium	88-1	0.01	0.01	0.04	0.02	85.13	ppb
Sulfur	34-1	-9386.12	-9077.48	-9560.04	-9341.21		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.07	0.04	0.05	45.75	ppb
Thallium	205-1	0.06	0.04	0.11	0.07	54.15	ppb
Tin	118-1	0.06	0.02	0.09	0.05	65.27	ppb
Titanium	47-1	-0.81	-0.64	-0.22	-0.56		ppb
Uranium	238-1	0.01	0.00	0.01	0.01	60.38	ppb
Vanadium	51-2	0.01	0.00	0.03	0.01	105.83	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.37	0.11	0.12	0.20	71.74	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:37:16	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.01	0.02	0.02	73.38	ppb
Zirconium	91-1	-0.03	-0.04	-0.01	-0.03		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:40:48	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.14	18.38	18.36	17.96	3.94	ppb
Antimony	121-1	1.86	1.93	1.90	1.90	1.74	ppb
Arsenic	75-1	1.00	1.06	0.92	0.99	6.78	ppb
Barium	135-1	9.90	9.61	10.18	9.90	2.87	ppb
Barium	137-1	10.07	9.55	10.11	9.91	3.14	ppb
Beryllium	9-1	0.93	1.25	0.98	1.05	16.84	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	11-1	26.31	29.27	30.41	28.66	7.39	ppb
Boron	10-1	33.96	26.80	28.11	29.62	12.86	ppb
Cadmium	106-1	2.25	4.11	4.22	3.53	31.36	ppb
Cadmium	108-1	1.03	1.33	1.66	1.34	23.75	ppb
Cadmium	111-1	1.19	1.22	1.22	1.21	1.53	ppb
Calcium	43-1	470.50	466.12	465.66	467.43	0.57	ppb
Calcium	44-1	503.90	512.53	500.47	505.63	1.23	ppb
Chromium	52-2	1.97	1.98	2.14	2.03	4.61	ppb
Cobalt	59-2	1.04	1.03	0.98	1.02	3.20	ppb
Copper	63-2	2.34	2.05	2.34	2.24	7.27	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				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	55.58	55.22	56.83	55.88	1.51	ppb
Iron	57-2	52.90	62.74	55.92	57.19	8.81	ppb
Krypton	83-1						cps
Lead	207-1	1.23	1.28	1.28	1.27	2.15	ppb
Lead	208-1	1.26	1.26	1.28	1.27	0.90	ppb
Lead	206-1	1.28	1.17	1.28	1.24	5.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	517.36	515.86	524.02	519.08	0.84	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:40:48	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.28	1.03	1.08	1.13	11.36	ppb
Molybdenum	94-1	5.13	5.27	4.79	5.06	4.89	ppb
Molybdenum	95-1	5.06	4.95	5.00	5.00	1.07	ppb
Molybdenum	96-1	4.75	5.14	4.87	4.92	4.01	ppb
Molybdenum	97-1	4.93	5.13	4.55	4.87	6.00	ppb
Molybdenum	98-1	5.16	5.30	4.92	5.13	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.14	1.12	1.09	7.00	ppb
Phosphorus	31-2	44.31	78.87	19.80	47.66	62.27	ppb
Potassium	39-2	507.88	500.84	506.91	505.21	0.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	1.92	3.85	7.70	4.49	65.46	ppb
Selenium	78-2	6.37	6.05	7.91	6.78	14.63	ppb
Selenium	82-1	6.43	4.59	5.60	5.54	16.66	ppb
Silicon	28-1	364.56	390.91	428.18	394.55	8.10	ppb
Silver	109-1	1.16	1.27	1.10	1.18	7.41	ppb
Silver	107-1	1.12	1.00	1.10	1.08	5.92	ppb
Sodium	23-2	639.91	628.66	610.25	626.27	2.39	ppb
Strontium	86-1	1.01	0.81	0.95	0.92	11.08	ppb
Strontium	88-1	1.00	0.96	0.99	0.98	1.89	ppb
Sulfur	34-1	-5793.71	-5731.10	-6347.20	-5957.33		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.97	0.98	0.81	0.92	10.34	ppb
Thallium	205-1	0.98	0.98	0.95	0.97	1.74	ppb
Tin	118-1	5.16	4.95	5.11	5.07	2.20	ppb
Titanium	47-1	4.77	4.96	4.46	4.73	5.42	ppb
Uranium	238-1	0.83	0.98	0.90	0.90	8.20	ppb
Vanadium	51-2	5.00	4.97	4.98	4.98	0.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	3.63	2.50	2.52	2.88	22.49	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:40:48	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.96	0.94	0.96	0.95	1.71	ppb
Zirconium	91-1	0.98	0.94	0.67	0.86	19.58	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : PB118616BL Instrumnet Name : P8
 Client Sample ID : PB118616BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:44:20 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.59	-2.08	-2.37	-2.01		ppb
Antimony	121-1	0.02	0.04	0.03	0.03	37.36	ppb
Arsenic	75-1	0.05	0.04	-0.01	0.03	111.72	ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.02		ppb
Barium	137-1	0.06	0.00	0.01	0.03	133.86	ppb
Beryllium	9-1	0.02	0.02	0.07	0.04	68.81	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	11-1	3.83	4.07	3.73	3.87	4.51	ppb
Boron	10-1	1.65	3.63	3.62	2.97	38.35	ppb
Cadmium	106-1	-0.64	-0.75	-0.37	-0.59		ppb
Cadmium	108-1	0.23	0.07	-0.08	0.07	209.25	ppb
Cadmium	111-1	-0.06	-0.06	-0.02	-0.05		ppb
Calcium	43-1	-23.15	-2.44	-22.86	-16.15		ppb
Calcium	44-1	26.78	23.65	22.60	24.34	8.95	ppb
Chromium	52-2	-0.03	0.01	0.02	0.00		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.11	0.12	0.08	0.10	23.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	0.54	0.49	0.67	0.57	17.20	ppb
Iron	57-2	0.44	1.43	-0.38	0.50	182.97	ppb
Krypton	83-1						cps
Lead	207-1	0.24	0.19	0.18	0.20	15.95	ppb
Lead	208-1	0.20	0.21	0.16	0.19	13.77	ppb
Lead	206-1	0.19	0.24	0.18	0.20	15.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.48	1.54	2.85	1.96	39.49	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BL	Instrumnet Name :	P8
Client Sample ID :	PB118616BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:44:20	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.02	0.02	0.01	231.77	ppb
Molybdenum	94-1	0.08	0.05	0.04	0.06	35.50	ppb
Molybdenum	95-1	0.07	0.03	0.00	0.03	125.57	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	1359.73	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	27.69	ppb
Molybdenum	98-1	0.01	0.03	0.03	0.02	41.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.05	-0.04	-0.04		ppb
Phosphorus	31-2	-22.65	-29.95	-47.20	-33.26		ppb
Potassium	39-2	20.74	21.11	48.35	30.07	52.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.13	0.21	0.20	0.51	103.56	ppb
Selenium	82-1	0.24	1.24	-2.66	-0.39		ppb
Silicon	28-1	343.84	218.03	230.75	264.20	26.21	ppb
Silver	109-1	0.05	0.07	0.02	0.05	55.66	ppb
Silver	107-1	0.04	0.07	0.04	0.05	31.54	ppb
Sodium	23-2	99.89	96.57	96.28	97.58	2.05	ppb
Strontium	86-1	-0.02	-0.02	-0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	75.59	ppb
Sulfur	34-1	-5452.10	-6947.48	-6369.42	-6256.34		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.01	0.05	0.04	62.56	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	26.17	ppb
Tin	118-1	0.03	0.01	0.03	0.02	30.97	ppb
Titanium	47-1	-0.34	-0.99	0.00	-0.44		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	219.90	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	767.12	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.13	0.04	-0.04	0.04	201.11	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BL	Instrumnet Name :	P8
Client Sample ID :	PB118616BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:44:20	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	21.70	ppb
Zirconium	91-1	-0.07	0.03	0.01	-0.01		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BS	Instrumnet Name :	P8
Client Sample ID :	PB118616BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:47:51	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9367.15	9347.93	9291.89	9335.65	0.42	ppb
Antimony	121-1	510.34	485.62	510.37	502.11	2.84	ppb
Arsenic	75-1	474.18	478.70	485.86	479.58	1.23	ppb
Barium	135-1	2501.86	2442.18	2545.60	2496.55	2.08	ppb
Barium	137-1	2508.66	2421.10	2522.01	2483.93	2.21	ppb
Beryllium	9-1	491.66	489.61	492.65	491.31	0.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	491.61	488.39	493.93	491.31	0.57	ppb
Boron	10-1	505.64	495.98	486.91	496.18	1.89	ppb
Cadmium	106-1	500.28	481.64	517.42	499.78	3.58	ppb
Cadmium	108-1	500.57	484.67	507.82	497.69	2.38	ppb
Cadmium	111-1	502.09	482.55	502.31	495.65	2.29	ppb
Calcium	43-1	47368.59	48503.42	49090.89	48320.97	1.81	ppb
Calcium	44-1	47471.78	47968.42	48704.10	48048.10	1.29	ppb
Chromium	52-2	497.93	495.31	493.22	495.49	0.48	ppb
Cobalt	59-2	495.27	491.60	496.66	494.51	0.53	ppb
Copper	63-2	977.22	992.46	991.49	987.06	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	24399.26	23699.99	24203.23	24100.83	1.50	ppb
Iron	57-2	24573.35	24248.25	24547.69	24456.43	0.74	ppb
Krypton	83-1						cps
Lead	207-1	487.87	479.69	506.44	491.33	2.79	ppb
Lead	208-1	488.67	478.70	505.93	491.10	2.81	ppb
Lead	206-1	486.70	475.85	504.69	489.08	2.98	ppb
Lithium	6-1				101		%
Magnesium	24-2	50913.80	51930.72	51048.53	51297.68	1.08	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BS	Instrumnet Name :	P8
Client Sample ID :	PB118616BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:47:51	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	993.21	978.89	986.89	986.33	0.73	ppb
Molybdenum	94-1	2478.69	2444.87	2502.55	2475.37	1.17	ppb
Molybdenum	95-1	2495.46	2435.10	2514.09	2481.55	1.66	ppb
Molybdenum	96-1	2487.23	2447.28	2471.26	2468.59	0.81	ppb
Molybdenum	97-1	2468.44	2453.88	2483.84	2468.72	0.61	ppb
Molybdenum	98-1	2469.95	2419.62	2460.93	2450.17	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.34	497.56	498.99	497.96	0.18	ppb
Phosphorus	31-2	10145.28	10896.96	10602.48	10548.24	3.59	ppb
Potassium	39-2	24112.52	24141.22	23673.68	23975.81	1.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	515.63	517.88	467.01	500.17	5.75	ppb
Selenium	78-2	504.11	489.22	515.51	502.95	2.62	ppb
Selenium	82-1	501.09	492.74	500.72	498.18	0.95	ppb
Silicon	28-1	604.06	677.07	718.57	666.57	8.70	ppb
Silver	109-1	501.55	488.18	509.54	499.76	2.16	ppb
Silver	107-1	508.23	495.59	505.09	502.97	1.31	ppb
Sodium	23-2	50394.76	50200.98	50469.52	50355.09	0.28	ppb
Strontium	86-1	486.05	484.84	491.53	487.47	0.73	ppb
Strontium	88-1	492.08	490.00	501.26	494.45	1.21	ppb
Sulfur	34-1	8246.74	6923.75	7218.31	7462.93	9.31	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	487.10	477.38	506.46	490.31	3.02	ppb
Thallium	205-1	494.02	491.69	514.19	499.96	2.47	ppb
Tin	118-1	497.91	480.39	500.93	493.08	2.25	ppb
Titanium	47-1	2366.79	2412.43	2423.39	2400.87	1.25	ppb
Uranium	238-1	481.61	478.68	501.01	487.10	2.49	ppb
Vanadium	51-2	502.59	496.36	493.09	497.34	0.97	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1002.42	989.64	997.85	996.64	0.65	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BS	Instrumnet Name :	P8
Client Sample ID :	PB118616BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:47:51	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	490.20	497.63	501.74	496.52	1.18	ppb
Zirconium	91-1	485.86	489.50	490.71	488.69	0.52	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : K2229-01 Instrumnet Name : P8
 Client Sample ID : KITCHEN-FAUCET-DRA Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:51:16 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.38	29.71	24.95	25.35	16.49	ppb
Antimony	121-1	0.30	0.28	0.28	0.29	5.00	ppb
Arsenic	75-1	0.61	0.76	0.65	0.68	11.91	ppb
Barium	135-1	69.87	72.27	72.53	71.56	2.05	ppb
Barium	137-1	68.73	72.91	71.84	71.16	3.05	ppb
Beryllium	9-1	0.15	0.03	0.09	0.09	71.29	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	11-1	61.87	59.49	60.01	60.46	2.07	ppb
Boron	10-1	56.48	56.95	57.00	56.81	0.50	ppb
Cadmium	106-1	-2.53	2.11	0.39	-0.01		ppb
Cadmium	108-1	0.23	0.16	0.23	0.21	20.41	ppb
Cadmium	111-1	-0.18	0.17	0.06	0.02	1041.65	ppb
Calcium	43-1	44188.39	44736.87	44856.23	44593.83	0.80	ppb
Calcium	44-1	44011.90	44890.48	44818.72	44573.70	1.09	ppb
Chromium	52-2	3.08	3.18	3.14	3.13	1.67	ppb
Cobalt	59-2	0.33	0.39	0.36	0.36	8.03	ppb
Copper	63-2	66.53	67.97	68.86	67.79	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	16.80	18.00	17.99	17.59	3.90	ppb
Iron	57-2	19.95	21.78	21.17	20.97	4.44	ppb
Krypton	83-1						cps
Lead	207-1	14.20	14.01	14.25	14.15	0.90	ppb
Lead	208-1	14.67	14.61	14.61	14.63	0.23	ppb
Lead	206-1	15.59	15.21	15.10	15.30	1.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	9194.08	9308.12	9277.33	9259.84	0.64	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2229-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-FAUCET-DRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:51:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.97	6.87	6.81	6.88	1.23	ppb
Molybdenum	94-1	0.69	0.48	0.58	0.58	18.31	ppb
Molybdenum	95-1	0.63	0.64	0.55	0.61	7.93	ppb
Molybdenum	96-1	0.56	0.58	0.53	0.56	5.03	ppb
Molybdenum	97-1	0.58	0.53	0.58	0.56	5.40	ppb
Molybdenum	98-1	0.64	0.53	0.51	0.56	12.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.08	7.98	7.98	8.01	0.76	ppb
Phosphorus	31-2	320.24	313.08	278.10	303.81	7.42	ppb
Potassium	39-2	1957.03	1993.72	1986.71	1979.15	0.98	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.54	-0.72	-0.09	-0.09		ppb
Selenium	82-1	-1.05	0.33	1.85	0.38	383.65	ppb
Silicon	28-1	2248.99	2439.02	2305.77	2331.26	4.18	ppb
Silver	109-1	0.20	0.18	0.22	0.20	9.51	ppb
Silver	107-1	0.16	0.18	0.14	0.16	14.26	ppb
Sodium	23-2	146327.68	148866.97	147567.42	147587.36	0.86	ppb
Strontium	86-1	151.67	153.83	152.97	152.82	0.71	ppb
Strontium	88-1	152.46	154.78	151.67	152.97	1.06	ppb
Sulfur	34-1	2213.78	2986.75	3193.30	2797.94	18.45	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	-0.03	0.00	-0.04	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.05	-0.03		ppb
Tin	118-1	0.14	0.08	0.11	0.11	28.95	ppb
Titanium	47-1	-0.45	0.28	0.44	0.09	525.00	ppb
Uranium	238-1	0.16	0.15	0.12	0.14	12.03	ppb
Vanadium	51-2	0.17	0.21	0.17	0.18	12.29	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	369.53	379.30	375.53	374.79	1.32	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2229-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-FAUCET-DRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:51:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.07	0.07	7.50	ppb
Zirconium	91-1	0.15	0.08	0.04	0.09	63.04	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2237-01	Instrumnet Name :	P8
Client Sample ID :	390327738	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:54:47	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	205.83	198.76	210.38	204.99	2.86	ppb
Antimony	121-1	0.68	0.64	0.68	0.67	3.50	ppb
Arsenic	75-1	2.45	2.33	2.47	2.42	3.23	ppb
Barium	135-1	216.70	212.86	215.53	215.03	0.92	ppb
Barium	137-1	217.97	211.84	216.29	215.37	1.47	ppb
Beryllium	9-1	0.09	0.11	0.05	0.08	37.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	11-1	236.80	243.93	250.29	243.67	2.77	ppb
Boron	10-1	239.19	250.04	226.21	238.48	5.00	ppb
Cadmium	106-1	4.00	8.38	7.53	6.64	34.99	ppb
Cadmium	108-1	4.28	4.10	4.52	4.30	4.93	ppb
Cadmium	111-1	1.73	1.82	1.84	1.80	3.37	ppb
Calcium	43-1	18220.89	18189.93	18141.31	18184.05	0.22	ppb
Calcium	44-1	18554.61	18835.45	18642.42	18677.49	0.77	ppb
Chromium	52-2	1.89	1.83	2.13	1.95	8.25	ppb
Cobalt	59-2	6.46	6.36	6.36	6.39	0.94	ppb
Copper	63-2	11129.03	11163.78	11364.69	11219.17	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	17582.50	17709.42	17849.84	17713.92	0.75	ppb
Iron	57-2	17965.65	17789.53	17990.11	17915.10	0.61	ppb
Krypton	83-1						cps
Lead	207-1	110.46	110.93	113.07	111.49	1.25	ppb
Lead	208-1	113.95	113.69	116.45	114.70	1.33	ppb
Lead	206-1	120.38	118.91	122.57	120.62	1.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	8041.89	8061.06	8086.55	8063.17	0.28	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2237-01	Instrumnet Name :	P8
Client Sample ID :	390327738	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:54:47	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	125.95	128.53	128.26	127.58	1.11	ppb
Molybdenum	94-1	5.46	5.17	5.65	5.43	4.42	ppb
Molybdenum	95-1	0.61	0.57	0.75	0.64	15.13	ppb
Molybdenum	96-1	1.19	1.14	1.41	1.25	11.67	ppb
Molybdenum	97-1	0.67	0.66	0.60	0.65	5.85	ppb
Molybdenum	98-1	0.59	0.73	0.62	0.65	11.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.15	42.59	43.56	43.10	1.13	ppb
Phosphorus	31-2	4019.32	3829.61	4124.75	3991.23	3.75	ppb
Potassium	39-2	2770.18	2794.51	2777.49	2780.73	0.45	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	1.95	0.00	0.00	0.65	173.21	ppb
Selenium	78-2	1.15	-0.41	-0.10	0.22	385.27	ppb
Selenium	82-1	1.62	0.82	-0.34	0.70	141.04	ppb
Silicon	28-1	3573.78	3647.16	3609.69	3610.21	1.02	ppb
Silver	109-1	0.43	0.42	0.35	0.40	11.22	ppb
Silver	107-1	0.42	0.44	0.37	0.41	9.09	ppb
Sodium	23-2	51463.37	51110.30	51450.77	51341.48	0.39	ppb
Strontium	86-1	116.34	117.00	115.74	116.36	0.54	ppb
Strontium	88-1	115.01	116.01	115.04	115.35	0.49	ppb
Sulfur	34-1	4469.48	4155.01	3771.20	4131.89	8.46	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	-0.05	-0.03	-0.06	-0.05		ppb
Thallium	205-1	-0.02	-0.04	-0.04	-0.03		ppb
Tin	118-1	9.04	9.30	9.33	9.22	1.75	ppb
Titanium	47-1	0.91	1.53	2.77	1.74	54.43	ppb
Uranium	238-1	0.04	0.06	0.06	0.05	22.09	ppb
Vanadium	51-2	0.42	0.35	0.41	0.39	10.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	10982.36	10943.97	11001.99	10976.11	0.27	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2237-01	Instrumnet Name :	P8
Client Sample ID :	390327738	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:54:47	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.18	3.30	3.11	3.20	3.01	ppb
Zirconium	91-1	3.04	3.42	2.91	3.12	8.37	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2238-01	Instrumnet Name :	P8
Client Sample ID :	390327739	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:58:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.78	90.69	95.78	88.42	9.87	ppb
Antimony	121-1	0.19	0.24	0.23	0.22	11.95	ppb
Arsenic	75-1	1.46	1.32	1.53	1.44	7.66	ppb
Barium	135-1	124.74	127.43	124.90	125.69	1.20	ppb
Barium	137-1	122.92	127.49	124.11	124.84	1.90	ppb
Beryllium	9-1	0.11	0.09	0.10	0.10	12.10	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	11-1	124.82	131.71	123.82	126.78	3.39	ppb
Boron	10-1	119.61	128.48	124.15	124.08	3.57	ppb
Cadmium	106-1	-1.40	-0.88	2.97	0.23	1046.79	ppb
Cadmium	108-1	1.62	1.62	1.44	1.56	6.46	ppb
Cadmium	111-1	0.37	0.46	0.84	0.56	45.32	ppb
Calcium	43-1	18109.80	17917.81	17685.08	17904.23	1.19	ppb
Calcium	44-1	18540.29	18292.89	18138.75	18323.98	1.11	ppb
Chromium	52-2	1.97	1.95	1.87	1.93	2.73	ppb
Cobalt	59-2	2.50	2.35	2.64	2.49	5.87	ppb
Copper	63-2	3108.74	3072.46	3076.20	3085.80	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	9234.11	9022.42	9318.51	9191.68	1.66	ppb
Iron	57-2	9331.23	9185.75	9433.47	9316.82	1.34	ppb
Krypton	83-1						cps
Lead	207-1	46.89	45.68	47.43	46.67	1.92	ppb
Lead	208-1	47.63	47.41	48.42	47.82	1.11	ppb
Lead	206-1	49.92	49.88	51.48	50.43	1.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	6396.28	6173.93	6373.31	6314.51	1.94	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2238-01	Instrumnet Name :	P8
Client Sample ID :	390327739	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:58:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	61.32	59.24	60.30	60.29	1.73	ppb
Molybdenum	94-1	2.30	2.30	2.40	2.33	2.41	ppb
Molybdenum	95-1	0.36	0.30	0.33	0.33	9.15	ppb
Molybdenum	96-1	0.64	0.67	0.59	0.63	5.85	ppb
Molybdenum	97-1	0.39	0.38	0.39	0.39	1.22	ppb
Molybdenum	98-1	0.35	0.31	0.37	0.34	9.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.56	17.96	18.42	18.31	1.72	ppb
Phosphorus	31-2	1754.76	2117.28	2267.60	2046.55	12.88	ppb
Potassium	39-2	2409.74	2382.35	2460.38	2417.49	1.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	0.00	1.94	1.95	1.30	86.60	ppb
Selenium	78-2	-0.72	0.52	-0.10	-0.10		ppb
Selenium	82-1	-1.34	1.36	1.06	0.36	413.30	ppb
Silicon	28-1	3398.51	3248.09	3079.10	3241.90	4.93	ppb
Silver	109-1	0.22	0.17	0.16	0.18	18.76	ppb
Silver	107-1	0.13	0.13	0.13	0.13	3.15	ppb
Sodium	23-2	72377.24	70201.21	71977.05	71518.50	1.62	ppb
Strontium	86-1	97.75	97.67	98.44	97.95	0.43	ppb
Strontium	88-1	97.46	96.92	97.88	97.42	0.49	ppb
Sulfur	34-1	6724.92	5912.48	4901.90	5846.43	15.62	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	-0.06	-0.06	-0.03	-0.05		ppb
Thallium	205-1	-0.05	-0.04	-0.06	-0.05		ppb
Tin	118-1	3.81	3.87	4.00	3.89	2.47	ppb
Titanium	47-1	1.06	1.24	1.07	1.12	9.14	ppb
Uranium	238-1	0.04	0.02	0.01	0.03	45.52	ppb
Vanadium	51-2	0.13	0.21	0.15	0.16	22.43	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2884.32	2791.55	2870.55	2848.81	1.76	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2238-01	Instrumnet Name :	P8
Client Sample ID :	390327739	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:58:14	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.30	1.46	1.42	1.40	5.90	ppb
Zirconium	91-1	1.61	1.52	1.42	1.52	6.39	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:01:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.27	49.91	53.20	53.13	5.99	ppb
Antimony	121-1	0.09	0.10	0.08	0.09	15.55	ppb
Arsenic	75-1	0.25	0.23	0.42	0.30	33.15	ppb
Barium	135-1	73.23	73.44	72.97	73.21	0.32	ppb
Barium	137-1	72.97	72.03	71.67	72.23	0.93	ppb
Beryllium	9-1	0.01	0.08	0.04	0.04	72.90	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	11-1	43.06	43.58	39.47	42.03	5.32	ppb
Boron	10-1	43.32	38.88	48.64	43.62	11.20	ppb
Cadmium	106-1	-1.50	0.91	1.14	0.18	804.90	ppb
Cadmium	108-1	0.08	0.08	0.08	0.08	1.71	ppb
Cadmium	111-1	-0.11	0.07	0.07	0.01	930.14	ppb
Calcium	43-1	37206.57	38005.24	37501.86	37571.22	1.07	ppb
Calcium	44-1	37184.10	38051.99	38236.48	37824.19	1.49	ppb
Chromium	52-2	1.95	1.95	1.89	1.93	1.58	ppb
Cobalt	59-2	0.06	0.06	0.02	0.05	44.91	ppb
Copper	63-2	123.22	125.62	122.74	123.86	1.24	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				97		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	53.02	53.51	53.59	53.37	0.57	ppb
Iron	57-2	56.37	63.10	50.91	56.79	10.75	ppb
Krypton	83-1						cps
Lead	207-1	0.54	0.55	0.55	0.55	1.77	ppb
Lead	208-1	0.61	0.56	0.58	0.58	4.81	ppb
Lead	206-1	0.67	0.65	0.58	0.64	7.33	ppb
Lithium	6-1				94		%
Magnesium	24-2	10240.92	10227.94	10299.82	10256.23	0.37	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:01:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.02	7.68	7.43	7.38	4.55	ppb
Molybdenum	94-1	0.41	0.28	0.40	0.36	19.75	ppb
Molybdenum	95-1	0.43	0.53	0.43	0.46	12.67	ppb
Molybdenum	96-1	0.50	0.46	0.42	0.46	8.76	ppb
Molybdenum	97-1	0.48	0.47	0.52	0.49	5.48	ppb
Molybdenum	98-1	0.55	0.56	0.52	0.54	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	2.13	2.36	2.16	8.34	ppb
Phosphorus	31-2	270.20	339.65	220.10	276.65	21.70	ppb
Potassium	39-2	1684.77	1643.83	1666.20	1664.93	1.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	3.94	0.00	1.95	1.97	100.31	ppb
Selenium	78-2	0.86	-0.09	-0.10	0.22	245.09	ppb
Selenium	82-1	0.15	-1.17	1.22	0.07	1790.31	ppb
Silicon	28-1	5081.03	5374.19	5134.08	5196.43	3.01	ppb
Silver	109-1	0.05	0.08	0.04	0.06	34.41	ppb
Silver	107-1	0.05	0.04	0.05	0.05	14.25	ppb
Sodium	23-2	36829.61	36470.47	36456.59	36585.56	0.58	ppb
Strontium	86-1	174.14	172.42	172.02	172.86	0.65	ppb
Strontium	88-1	174.71	175.70	172.49	174.30	0.94	ppb
Sulfur	34-1	18297.78	19992.33	17982.94	18757.68	5.76	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	-0.08	-0.07	-0.07	-0.07		ppb
Thallium	205-1	-0.07	-0.07	-0.07	-0.07		ppb
Tin	118-1	0.14	0.12	0.12	0.13	11.41	ppb
Titanium	47-1	0.45	-0.42	0.51	0.18	291.84	ppb
Uranium	238-1	0.33	0.38	0.31	0.34	10.97	ppb
Vanadium	51-2	0.74	0.70	0.59	0.68	11.56	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	24.83	24.37	25.98	25.06	3.31	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:01:43	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.01	0.01	127.92	ppb
Zirconium	91-1	-0.03	0.00	0.00	-0.01		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01DUP	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:05:14	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.29	48.11	54.30	51.24	6.04	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	3.79	ppb
Arsenic	75-1	0.46	0.22	0.42	0.37	35.72	ppb
Barium	135-1	70.72	72.15	69.77	70.88	1.69	ppb
Barium	137-1	70.13	70.84	70.05	70.34	0.62	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	24.51	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	11-1	38.64	42.61	40.10	40.45	4.96	ppb
Boron	10-1	37.37	43.76	37.68	39.61	9.10	ppb
Cadmium	106-1	2.98	-0.31	1.63	1.43	115.36	ppb
Cadmium	108-1	0.41	0.00	0.08	0.16	132.44	ppb
Cadmium	111-1	0.22	-0.02	0.14	0.11	106.45	ppb
Calcium	43-1	37119.67	37070.13	36891.17	37026.99	0.32	ppb
Calcium	44-1	36331.04	37720.29	37073.44	37041.59	1.88	ppb
Chromium	52-2	1.48	1.68	1.69	1.61	7.36	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	1.11	ppb
Copper	63-2	118.63	121.92	124.89	121.81	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	49.14	49.79	52.35	50.43	3.37	ppb
Iron	57-2	53.17	48.52	60.64	54.11	11.30	ppb
Krypton	83-1						cps
Lead	207-1	0.59	0.60	0.66	0.62	5.77	ppb
Lead	208-1	0.62	0.62	0.63	0.62	0.79	ppb
Lead	206-1	0.67	0.72	0.59	0.66	10.13	ppb
Lithium	6-1				95		%
Magnesium	24-2	9807.08	10077.74	10158.17	10014.33	1.84	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01DUP	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:05:14	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.92	7.06	7.50	7.16	4.21	ppb
Molybdenum	94-1	0.41	0.36	0.35	0.37	8.71	ppb
Molybdenum	95-1	0.57	0.43	0.53	0.51	14.14	ppb
Molybdenum	96-1	0.41	0.46	0.42	0.43	5.93	ppb
Molybdenum	97-1	0.51	0.39	0.41	0.44	14.57	ppb
Molybdenum	98-1	0.45	0.51	0.51	0.49	6.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.77	1.80	1.77	1.78	0.84	ppb
Phosphorus	31-2	250.16	135.23	322.92	236.10	40.08	ppb
Potassium	39-2	1620.92	1669.59	1681.66	1657.39	1.94	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	2.02	0.00	0.00	0.67	173.21	ppb
Selenium	78-2	0.26	0.24	0.25	0.25	4.60	ppb
Selenium	82-1	1.30	-0.36	0.82	0.58	146.04	ppb
Silicon	28-1	5324.67	5296.53	5107.61	5242.94	2.25	ppb
Silver	109-1	0.04	0.04	0.05	0.04	10.27	ppb
Silver	107-1	0.08	0.06	0.06	0.07	22.29	ppb
Sodium	23-2	35362.49	35957.34	36295.49	35871.78	1.32	ppb
Strontium	86-1	168.27	174.38	168.70	170.45	2.00	ppb
Strontium	88-1	170.48	173.26	170.38	171.37	0.95	ppb
Sulfur	34-1	19353.25	18487.39	18486.53	18775.72	2.66	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	-0.07	-0.06	-0.08	-0.07		ppb
Thallium	205-1	-0.07	-0.06	-0.07	-0.07		ppb
Tin	118-1	0.14	0.12	0.13	0.13	7.03	ppb
Titanium	47-1	-0.26	0.32	0.29	0.12	277.43	ppb
Uranium	238-1	0.34	0.32	0.36	0.34	6.51	ppb
Vanadium	51-2	0.68	0.59	0.67	0.65	7.45	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	32.81	32.81	32.41	32.68	0.72	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01DUP	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:05:14	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.01	32.70	ppb
Zirconium	91-1	0.00	-0.01	-0.05	-0.02		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01LX5	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-08 12:08:45	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.98	13.68	6.92	9.86	35.15	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	30.53	ppb
Arsenic	75-1	0.12	0.13	0.03	0.09	56.00	ppb
Barium	135-1	14.84	13.55	13.72	14.04	5.00	ppb
Barium	137-1	13.91	13.54	13.79	13.75	1.38	ppb
Beryllium	9-1	0.06	0.02	0.04	0.04	46.17	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	11-1	11.80	10.26	12.28	11.45	9.23	ppb
Boron	10-1	10.98	11.60	9.66	10.75	9.26	ppb
Cadmium	106-1	1.36	0.58	-3.41	-0.49		ppb
Cadmium	108-1	-0.08	0.15	0.00	0.02	512.62	ppb
Cadmium	111-1	0.12	0.03	-0.23	-0.03		ppb
Calcium	43-1	7450.00	7345.63	7362.18	7385.94	0.76	ppb
Calcium	44-1	7500.07	7380.72	7510.13	7463.64	0.96	ppb
Chromium	52-2	0.43	0.45	0.35	0.41	12.43	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	102.25	ppb
Copper	63-2	24.27	24.66	24.18	24.37	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	10.10	9.39	10.34	9.94	4.97	ppb
Iron	57-2	6.68	15.15	11.80	11.21	38.06	ppb
Krypton	83-1						cps
Lead	207-1	0.16	0.19	0.18	0.18	9.50	ppb
Lead	208-1	0.20	0.15	0.20	0.18	16.49	ppb
Lead	206-1	0.23	0.14	0.24	0.20	26.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	1966.20	1952.16	1937.30	1951.89	0.74	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01LX5	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-08 12:08:45	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.60	1.52	1.66	1.59	4.23	ppb
Molybdenum	94-1	0.10	0.06	0.07	0.08	29.37	ppb
Molybdenum	95-1	0.09	0.13	0.11	0.11	20.19	ppb
Molybdenum	96-1	0.11	0.02	0.08	0.07	68.12	ppb
Molybdenum	97-1	0.11	0.16	0.08	0.12	39.54	ppb
Molybdenum	98-1	0.07	0.10	0.10	0.09	21.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.34	0.45	0.34	28.40	ppb
Phosphorus	31-2	45.34	-14.11	35.40	22.21	143.39	ppb
Potassium	39-2	342.77	317.42	305.70	321.96	5.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	1.96	1.93	0.00	1.30	86.61	ppb
Selenium	78-2	-0.72	1.13	0.21	0.21	448.24	ppb
Selenium	82-1	-1.46	0.92	1.01	0.16	889.69	ppb
Silicon	28-1	1147.97	1134.50	1219.76	1167.41	3.93	ppb
Silver	109-1	0.01	0.02	0.03	0.02	43.19	ppb
Silver	107-1	0.05	0.02	0.03	0.03	47.63	ppb
Sodium	23-2	7193.05	7095.27	7033.10	7107.14	1.13	ppb
Strontium	86-1	32.16	33.64	34.32	33.37	3.30	ppb
Strontium	88-1	33.86	33.42	33.31	33.53	0.87	ppb
Sulfur	34-1	178.23	-60.42	24.83	47.55	254.35	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	-0.07	-0.08	-0.07	-0.07		ppb
Thallium	205-1	-0.07	-0.07	-0.07	-0.07		ppb
Tin	118-1	0.04	0.02	0.03	0.03	24.77	ppb
Titanium	47-1	0.29	-0.86	-0.39	-0.32		ppb
Uranium	238-1	0.06	0.05	0.07	0.06	12.39	ppb
Vanadium	51-2	0.12	0.16	0.09	0.12	29.03	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	5.23	4.70	4.97	4.97	5.32	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01LX5	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-08 12:08:45	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.02	-0.02	-0.01		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MS	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:12:17	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1944.99	1955.81	2039.53	1980.11	2.61	ppb
Antimony	121-1	816.34	802.32	855.51	824.72	3.34	ppb
Arsenic	75-1	818.27	812.70	835.89	822.29	1.47	ppb
Barium	135-1	304.00	301.77	317.35	307.71	2.74	ppb
Barium	137-1	305.25	303.80	316.64	308.56	2.28	ppb
Beryllium	9-1	207.38	206.25	212.75	208.79	1.66	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	11-1	366.83	377.00	388.44	377.42	2.86	ppb
Boron	10-1	356.92	377.89	382.52	372.44	3.66	ppb
Cadmium	106-1	181.54	179.68	192.02	184.41	3.61	ppb
Cadmium	108-1	197.75	185.90	208.45	197.37	5.71	ppb
Cadmium	111-1	205.60	203.95	211.28	206.95	1.86	ppb
Calcium	43-1	57327.41	56451.49	58799.51	57526.14	2.06	ppb
Calcium	44-1	57525.89	56310.57	58386.94	57407.80	1.82	ppb
Chromium	52-2	415.17	427.41	455.47	432.68	4.78	ppb
Cobalt	59-2	209.89	214.12	226.31	216.77	3.93	ppb
Copper	63-2	485.08	494.87	523.67	501.21	4.00	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				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	3176.80	3244.26	3472.60	3297.88	4.70	ppb
Iron	57-2	3177.02	3201.16	3341.91	3240.03	2.75	ppb
Krypton	83-1						cps
Lead	207-1	1019.30	998.53	1050.20	1022.67	2.54	ppb
Lead	208-1	1025.78	1011.64	1064.37	1033.93	2.64	ppb
Lead	206-1	1046.46	997.74	1067.10	1037.10	3.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	13525.64	13912.60	14572.04	14003.42	3.78	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MS	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:12:17	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	211.99	212.37	227.12	217.16	3.97	ppb
Molybdenum	94-1	278.52	273.68	288.57	280.25	2.71	ppb
Molybdenum	95-1	401.83	384.64	409.88	398.79	3.23	ppb
Molybdenum	96-1	388.02	373.26	395.53	385.60	2.94	ppb
Molybdenum	97-1	394.43	386.89	401.41	394.24	1.84	ppb
Molybdenum	98-1	398.40	396.38	410.35	401.71	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.83	568.87	594.23	571.31	3.82	ppb
Phosphorus	31-2	6880.55	6578.68	7048.09	6835.77	3.48	ppb
Potassium	39-2	11498.83	11719.95	12449.24	11889.34	4.18	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	2132.72	2105.28	2328.17	2188.72	5.55	ppb
Selenium	78-2	2063.67	2108.22	2334.05	2168.65	6.68	ppb
Selenium	82-1	2039.09	1976.76	2084.09	2033.32	2.65	ppb
Silicon	28-1	7529.97	7386.86	7766.25	7561.03	2.53	ppb
Silver	109-1	69.76	69.11	71.53	70.13	1.78	ppb
Silver	107-1	67.94	66.46	70.27	68.22	2.81	ppb
Sodium	23-2	38235.96	38660.32	40921.49	39272.59	3.68	ppb
Strontium	86-1	448.83	436.72	460.87	448.81	2.69	ppb
Strontium	88-1	452.68	439.89	463.36	451.98	2.60	ppb
Sulfur	34-1	19440.76	18171.60	19681.79	19098.05	4.25	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	2073.59	2018.37	2118.41	2070.13	2.42	ppb
Thallium	205-1	2037.36	1995.67	2086.82	2039.95	2.24	ppb
Tin	118-1	720.85	704.46	756.68	727.33	3.67	ppb
Titanium	47-1	200.49	203.52	205.60	203.20	1.27	ppb
Uranium	238-1	0.89	0.87	0.85	0.87	2.41	ppb
Vanadium	51-2	312.01	321.34	339.17	324.18	4.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	786.47	805.04	856.95	816.16	4.48	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MS	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:12:17	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.33	0.31	0.30	0.32	4.78	ppb
Zirconium	91-1	0.53	0.43	0.35	0.44	20.53	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:17:13	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52084.83	51552.17	51757.55	51798.19	0.52	ppb
Antimony	121-1	487.12	475.96	486.02	483.04	1.27	ppb
Arsenic	75-1	471.51	464.04	460.96	465.50	1.17	ppb
Barium	135-1	2429.33	2379.36	2430.53	2413.08	1.21	ppb
Barium	137-1	2430.06	2383.65	2424.30	2412.67	1.05	ppb
Beryllium	9-1	500.20	493.47	495.81	496.49	0.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	11-1	489.68	497.03	494.99	493.90	0.77	ppb
Boron	10-1	503.03	503.00	489.67	498.56	1.55	ppb
Cadmium	106-1	469.84	470.82	488.51	476.39	2.21	ppb
Cadmium	108-1	477.13	460.86	493.56	477.18	3.43	ppb
Cadmium	111-1	468.27	462.60	470.42	467.10	0.87	ppb
Calcium	43-1	235953.85	234139.51	232259.16	234117.50	0.79	ppb
Calcium	44-1	232768.88	233232.51	230255.69	232085.69	0.69	ppb
Chromium	52-2	487.53	482.57	481.25	483.78	0.68	ppb
Cobalt	59-2	487.61	483.81	481.40	484.27	0.65	ppb
Copper	63-2	939.11	931.40	930.49	933.67	0.51	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				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	121602.45	120276.16	120451.74	120776.78	0.60	ppb
Iron	57-2	126757.24	125224.63	124181.07	125387.65	1.03	ppb
Krypton	83-1						cps
Lead	207-1	485.61	479.99	472.29	479.30	1.39	ppb
Lead	208-1	484.57	479.86	475.97	480.13	0.90	ppb
Lead	206-1	476.68	474.88	468.70	473.42	0.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	244346.37	240196.89	240087.90	241543.72	1.01	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:17:13	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	977.10	967.89	965.13	970.04	0.65	ppb
Molybdenum	94-1	2456.78	2417.76	2408.00	2427.51	1.06	ppb
Molybdenum	95-1	2468.56	2399.66	2466.43	2444.88	1.60	ppb
Molybdenum	96-1	2468.75	2396.61	2426.51	2430.62	1.49	ppb
Molybdenum	97-1	2476.98	2387.43	2444.17	2436.19	1.86	ppb
Molybdenum	98-1	2437.88	2369.52	2406.08	2404.50	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.62	481.99	479.00	480.53	0.31	ppb
Phosphorus	31-2	10122.17	10766.94	10301.49	10396.87	3.20	ppb
Potassium	39-2	120770.87	119796.82	120923.31	120497.00	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	549.26	501.91	503.47	518.21	5.19	ppb
Selenium	78-2	510.33	495.46	506.35	504.05	1.53	ppb
Selenium	82-1	476.96	468.84	469.46	471.75	0.96	ppb
Silicon	28-1	615.41	561.11	613.36	596.62	5.16	ppb
Silver	109-1	470.31	470.40	469.97	470.23	0.05	ppb
Silver	107-1	474.16	467.47	471.73	471.12	0.72	ppb
Sodium	23-2	245253.01	242309.02	241866.54	243142.86	0.76	ppb
Strontium	86-1	481.31	468.87	474.96	475.05	1.31	ppb
Strontium	88-1	486.33	470.28	483.57	480.06	1.79	ppb
Sulfur	34-1	13220.96	11509.07	11343.93	12024.65	8.64	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	477.18	476.59	464.34	472.70	1.53	ppb
Thallium	205-1	491.82	485.31	474.38	483.84	1.82	ppb
Tin	118-1	468.69	465.45	476.76	470.30	1.24	ppb
Titanium	47-1	2374.61	2341.53	2351.35	2355.83	0.72	ppb
Uranium	238-1	487.88	489.72	480.09	485.90	1.05	ppb
Vanadium	51-2	491.85	486.13	488.62	488.86	0.59	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	962.69	965.79	948.16	958.88	0.98	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:17:13	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	495.66	477.66	491.51	488.28	1.93	ppb
Zirconium	91-1	480.15	467.57	477.95	475.22	1.41	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 12:28:35 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.75	-1.39	-2.58	-2.24		ppb
Antimony	121-1	0.04	0.03	0.04	0.04	21.91	ppb
Arsenic	75-1	0.09	0.01	0.11	0.07	78.86	ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.03	-0.02		ppb
Beryllium	9-1	0.01	0.05	0.01	0.02	89.45	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	11-1	4.20	4.22	4.81	4.41	7.82	ppb
Boron	10-1	3.47	5.86	3.24	4.19	34.61	ppb
Cadmium	106-1	-1.36	2.47	6.59	2.57	155.04	ppb
Cadmium	108-1	0.23	0.08	0.00	0.10	115.92	ppb
Cadmium	111-1	-0.10	0.19	0.47	0.18	153.33	ppb
Calcium	43-1	-42.08	-19.62	-24.09	-28.60		ppb
Calcium	44-1	14.22	19.41	17.23	16.95	15.38	ppb
Chromium	52-2	0.01	0.02	0.02	0.02	37.63	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.09	0.08	0.13	0.10	26.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	0.11	0.03	0.15	0.10	60.91	ppb
Iron	57-2	-0.35	-0.70	-1.28	-0.77		ppb
Krypton	83-1						cps
Lead	207-1	0.19	0.14	0.15	0.16	15.84	ppb
Lead	208-1	0.14	0.16	0.18	0.16	10.38	ppb
Lead	206-1	0.13	0.20	0.20	0.17	24.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.13	1.31	0.89	1.11	19.01	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:28:35	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.00	0.01	56.16	ppb
Molybdenum	94-1	0.04	0.07	0.03	0.04	53.69	ppb
Molybdenum	95-1	0.05	0.06	0.00	0.04	82.94	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	48.98	ppb
Molybdenum	97-1	0.07	0.02	0.01	0.03	107.69	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	48.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	-0.01	-0.01		ppb
Phosphorus	31-2	-29.46	-21.78	21.74	-9.83		ppb
Potassium	39-2	27.52	22.39	17.08	22.33	23.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	-0.11	1.16	0.21	395.05	ppb
Selenium	82-1	-0.13	-0.34	0.02	-0.15		ppb
Silicon	28-1	113.78	219.58	124.89	152.75	38.06	ppb
Silver	109-1	0.07	0.07	0.06	0.07	9.42	ppb
Silver	107-1	0.05	0.06	0.03	0.05	30.48	ppb
Sodium	23-2	91.43	84.67	85.11	87.07	4.34	ppb
Strontium	86-1	0.11	0.05	-0.06	0.03	278.62	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	490.35	ppb
Sulfur	34-1	-3423.24	-3367.81	-2976.60	-3255.88		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	-0.04	-0.04	-0.02	-0.03		ppb
Thallium	205-1	-0.01	-0.01	-0.04	-0.02		ppb
Tin	118-1	0.02	0.01	0.02	0.02	32.97	ppb
Titanium	47-1	-0.45	0.09	-1.06	-0.47		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	144.06	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	-0.05	0.14	0.02	736.31	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:28:35	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	188.51	ppb
Zirconium	91-1	-0.01	-0.03	-0.03	-0.02		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MSD	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:32:07	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1936.15	1962.43	1907.35	1935.31	1.42	ppb
Antimony	121-1	813.84	825.66	801.34	813.61	1.49	ppb
Arsenic	75-1	798.67	800.49	806.84	802.00	0.53	ppb
Barium	135-1	308.52	308.81	302.46	306.60	1.17	ppb
Barium	137-1	306.90	309.69	305.00	307.20	0.77	ppb
Beryllium	9-1	210.05	211.55	211.43	211.01	0.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	11-1	367.09	371.28	374.28	370.88	0.97	ppb
Boron	10-1	358.64	372.63	370.95	367.41	2.08	ppb
Cadmium	106-1	180.30	184.94	183.58	182.94	1.31	ppb
Cadmium	108-1	196.95	198.10	193.43	196.16	1.24	ppb
Cadmium	111-1	205.78	206.29	204.07	205.38	0.57	ppb
Calcium	43-1	57097.47	57732.27	57733.33	57521.02	0.64	ppb
Calcium	44-1	57187.53	57451.52	58088.86	57575.97	0.80	ppb
Chromium	52-2	416.43	420.16	409.24	415.28	1.34	ppb
Cobalt	59-2	211.13	210.04	211.79	210.99	0.42	ppb
Copper	63-2	491.80	486.71	496.29	491.60	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	3185.08	3231.41	3215.36	3210.62	0.73	ppb
Iron	57-2	3161.75	3155.16	3189.37	3168.76	0.57	ppb
Krypton	83-1						cps
Lead	207-1	1037.35	1014.02	1025.92	1025.76	1.14	ppb
Lead	208-1	1050.63	1030.55	1048.52	1043.23	1.06	ppb
Lead	206-1	1071.11	1034.29	1058.48	1054.63	1.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	13853.67	13935.20	13971.94	13920.27	0.43	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MSD	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:32:07	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	210.20	213.37	211.80	211.79	0.75	ppb
Molybdenum	94-1	280.43	277.90	279.79	279.37	0.47	ppb
Molybdenum	95-1	400.35	389.10	399.80	396.42	1.60	ppb
Molybdenum	96-1	388.54	378.34	391.77	386.21	1.82	ppb
Molybdenum	97-1	393.45	392.26	397.94	394.55	0.76	ppb
Molybdenum	98-1	401.26	405.92	401.48	402.89	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.73	548.09	559.31	554.38	1.03	ppb
Phosphorus	31-2	6742.58	6856.31	6787.66	6795.51	0.84	ppb
Potassium	39-2	11665.71	11698.69	11701.61	11688.67	0.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	2218.70	2152.57	2171.64	2180.97	1.56	ppb
Selenium	78-2	2089.64	2107.48	2138.72	2111.95	1.18	ppb
Selenium	82-1	2047.28	2038.27	2062.21	2049.25	0.59	ppb
Silicon	28-1	7402.78	7557.76	7508.84	7489.79	1.06	ppb
Silver	109-1	63.14	64.03	62.13	63.10	1.50	ppb
Silver	107-1	62.86	63.58	62.60	63.01	0.80	ppb
Sodium	23-2	38975.31	38847.52	38747.16	38856.66	0.29	ppb
Strontium	86-1	446.60	454.34	452.95	451.30	0.91	ppb
Strontium	88-1	461.88	459.25	454.33	458.48	0.84	ppb
Sulfur	34-1	19190.81	18612.74	18166.67	18656.74	2.75	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	2108.20	2047.17	2071.00	2075.46	1.48	ppb
Thallium	205-1	2104.38	2036.55	2064.08	2068.34	1.65	ppb
Tin	118-1	728.12	736.20	702.89	722.40	2.41	ppb
Titanium	47-1	201.19	204.66	200.02	201.96	1.19	ppb
Uranium	238-1	0.87	0.85	0.89	0.87	1.89	ppb
Vanadium	51-2	309.40	312.80	311.88	311.36	0.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	793.24	789.29	799.62	794.05	0.66	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MSD	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:32:07	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.47	0.35	0.35	0.39	17.77	ppb
Zirconium	91-1	0.70	0.67	0.61	0.66	6.67	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01A	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:35:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1964.38	1930.11	1913.30	1935.93	1.34	ppb
Antimony	121-1	809.72	826.47	819.96	818.72	1.03	ppb
Arsenic	75-1	818.08	813.05	814.22	815.12	0.32	ppb
Barium	135-1	299.02	302.43	301.08	300.84	0.57	ppb
Barium	137-1	304.55	303.39	302.40	303.45	0.36	ppb
Beryllium	9-1	209.04	210.75	207.22	209.00	0.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	11-1	369.65	374.66	376.44	373.58	0.94	ppb
Boron	10-1	383.31	394.89	371.09	383.10	3.11	ppb
Cadmium	106-1	190.06	180.03	181.60	183.89	2.93	ppb
Cadmium	108-1	192.48	189.95	190.50	190.98	0.70	ppb
Cadmium	111-1	210.23	204.79	204.94	206.65	1.50	ppb
Calcium	43-1	58040.47	57411.15	57014.83	57488.82	0.90	ppb
Calcium	44-1	57982.94	57262.07	57141.73	57462.25	0.79	ppb
Chromium	52-2	423.11	424.45	422.29	423.28	0.26	ppb
Cobalt	59-2	215.73	212.54	213.16	213.81	0.79	ppb
Copper	63-2	499.50	499.24	497.16	498.64	0.26	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				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	3247.08	3233.44	3243.99	3241.50	0.22	ppb
Iron	57-2	3245.85	3151.36	3222.18	3206.46	1.53	ppb
Krypton	83-1						cps
Lead	207-1	1039.28	1006.92	1026.91	1024.37	1.59	ppb
Lead	208-1	1053.99	1024.70	1049.73	1042.80	1.52	ppb
Lead	206-1	1075.32	1043.89	1090.92	1070.04	2.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	14157.19	13701.94	13767.88	13875.67	1.77	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01A	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:35:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	214.52	211.16	213.61	213.10	0.82	ppb
Molybdenum	94-1	277.49	281.31	282.10	280.30	0.88	ppb
Molybdenum	95-1	398.25	399.11	398.40	398.59	0.12	ppb
Molybdenum	96-1	384.68	387.36	389.46	387.17	0.62	ppb
Molybdenum	97-1	402.74	396.01	404.29	401.02	1.10	ppb
Molybdenum	98-1	407.26	400.56	405.39	404.41	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	565.70	561.67	562.71	563.36	0.37	ppb
Phosphorus	31-2	7198.83	6987.73	7047.64	7078.06	1.54	ppb
Potassium	39-2	11716.59	11601.20	11515.83	11611.21	0.87	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	2104.32	2163.87	2149.23	2139.14	1.45	ppb
Selenium	78-2	2126.50	2076.04	2143.86	2115.47	1.67	ppb
Selenium	82-1	2063.57	2057.57	2053.75	2058.30	0.24	ppb
Silicon	28-1	7610.13	7459.66	7461.60	7510.46	1.15	ppb
Silver	109-1	65.98	65.45	65.33	65.59	0.52	ppb
Silver	107-1	64.39	64.38	63.18	63.98	1.09	ppb
Sodium	23-2	39396.41	38840.88	38469.50	38902.27	1.20	ppb
Strontium	86-1	452.93	452.14	456.11	453.73	0.46	ppb
Strontium	88-1	452.48	451.63	457.34	453.82	0.68	ppb
Sulfur	34-1	19285.69	17565.43	17093.83	17981.65	6.42	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	2108.84	2047.44	2079.76	2078.68	1.48	ppb
Thallium	205-1	2062.88	2013.06	2037.50	2037.81	1.22	ppb
Tin	118-1	718.97	727.04	730.87	725.63	0.84	ppb
Titanium	47-1	201.02	199.33	197.39	199.25	0.91	ppb
Uranium	238-1	0.93	0.81	0.77	0.84	10.04	ppb
Vanadium	51-2	319.39	317.08	314.00	316.83	0.85	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	805.30	811.37	800.06	805.58	0.70	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01A	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:35:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.25	0.25	0.26	6.74	ppb
Zirconium	91-1	0.42	0.42	0.57	0.47	18.60	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-02	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-WF	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:39:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.54	14.16	6.98	8.89	51.92	ppb
Antimony	121-1	0.23	0.21	0.19	0.21	9.87	ppb
Arsenic	75-1	0.37	0.39	0.43	0.40	7.39	ppb
Barium	135-1	29.30	28.97	28.78	29.02	0.91	ppb
Barium	137-1	29.64	28.94	29.81	29.47	1.57	ppb
Beryllium	9-1	0.07	0.08	0.04	0.06	39.25	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	40.32	39.07	40.30	39.89	1.79	ppb
Boron	10-1	40.07	36.73	37.60	38.13	4.54	ppb
Cadmium	106-1	-5.19	-0.81	-1.44	-2.48		ppb
Cadmium	108-1	0.16	0.07	0.00	0.08	105.93	ppb
Cadmium	111-1	-0.37	-0.05	-0.09	-0.17		ppb
Calcium	43-1	44883.27	45199.18	44998.94	45027.13	0.35	ppb
Calcium	44-1	45733.58	45615.49	45047.57	45465.54	0.81	ppb
Chromium	52-2	8.89	9.42	9.42	9.24	3.29	ppb
Cobalt	59-2	0.10	0.07	0.07	0.08	21.86	ppb
Copper	63-2	1.11	1.22	1.23	1.19	5.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	40.18	40.16	39.39	39.91	1.12	ppb
Iron	57-2	50.70	46.35	37.15	44.73	15.47	ppb
Krypton	83-1						cps
Lead	207-1	1.09	1.12	1.06	1.09	2.77	ppb
Lead	208-1	1.18	1.22	1.10	1.17	5.02	ppb
Lead	206-1	1.21	1.39	1.16	1.25	9.71	ppb
Lithium	6-1				99		%
Magnesium	24-2	13774.78	13631.84	13472.33	13626.32	1.11	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-02	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-WF	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:39:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.79	7.76	7.92	7.83	1.07	ppb
Molybdenum	94-1	0.51	0.56	0.37	0.48	21.22	ppb
Molybdenum	95-1	0.63	0.66	0.76	0.68	10.43	ppb
Molybdenum	96-1	0.64	0.67	0.72	0.67	5.88	ppb
Molybdenum	97-1	0.66	0.66	0.71	0.68	4.10	ppb
Molybdenum	98-1	0.72	0.70	0.68	0.70	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.48	3.60	3.31	3.46	4.13	ppb
Phosphorus	31-2	229.22	171.21	218.70	206.38	14.98	ppb
Potassium	39-2	1829.65	1871.74	1795.49	1832.29	2.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	1.98	0.00	0.00	0.66	173.21	ppb
Selenium	78-2	-0.40	0.87	0.55	0.34	195.30	ppb
Selenium	82-1	-0.34	0.85	2.99	1.16	145.00	ppb
Silicon	28-1	6520.44	6445.74	6506.72	6490.96	0.61	ppb
Silver	109-1	0.06	0.07	0.07	0.07	8.03	ppb
Silver	107-1	0.02	0.07	0.08	0.06	54.27	ppb
Sodium	23-2	38331.56	38559.31	38366.21	38419.03	0.32	ppb
Strontium	86-1	212.80	213.07	211.90	212.59	0.29	ppb
Strontium	88-1	219.51	218.27	216.65	218.15	0.66	ppb
Sulfur	34-1	23859.47	24007.31	24191.37	24019.38	0.69	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.18	0.15	0.10	0.15	27.42	ppb
Titanium	47-1	0.69	-0.64	-0.38	-0.11		ppb
Uranium	238-1	0.04	0.04	0.03	0.04	10.17	ppb
Vanadium	51-2	0.54	0.62	0.66	0.61	9.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	87.31	89.84	87.10	88.08	1.73	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-02	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-WF	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:39:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.02	0.01	0.00		ppb
Zirconium	91-1	-0.05	-0.03	-0.06	-0.04		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-03	Instrumnet Name :	P8
Client Sample ID :	2ND-PK-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:42:32	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.89	11.65	3.08	8.21	55.11	ppb
Antimony	121-1	0.15	0.16	0.15	0.15	5.49	ppb
Arsenic	75-1	0.48	0.29	0.38	0.38	24.46	ppb
Barium	135-1	55.05	54.28	53.87	54.40	1.10	ppb
Barium	137-1	53.89	53.64	54.70	54.07	1.02	ppb
Beryllium	9-1	0.02	0.06	0.04	0.04	44.32	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	33.98	32.32	33.72	33.34	2.67	ppb
Boron	10-1	34.74	29.85	36.66	33.75	10.41	ppb
Cadmium	106-1	1.98	-3.47	3.71	0.74	506.93	ppb
Cadmium	108-1	0.00	0.00	0.31	0.10	178.08	ppb
Cadmium	111-1	0.14	-0.24	0.26	0.05	498.88	ppb
Calcium	43-1	25898.48	25529.05	25766.03	25731.19	0.73	ppb
Calcium	44-1	26728.95	26215.81	26325.76	26423.51	1.02	ppb
Chromium	52-2	2.33	2.31	2.25	2.29	1.84	ppb
Cobalt	59-2	0.05	0.06	0.07	0.06	14.28	ppb
Copper	63-2	409.92	412.15	406.81	409.63	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	22.50	22.28	21.83	22.20	1.55	ppb
Iron	57-2	21.88	23.29	27.73	24.30	12.56	ppb
Krypton	83-1						cps
Lead	207-1	0.87	0.76	0.83	0.82	6.65	ppb
Lead	208-1	0.79	0.75	0.74	0.76	3.49	ppb
Lead	206-1	0.78	0.83	0.83	0.82	3.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	9493.08	9597.41	9424.64	9505.04	0.92	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-03	Instrumnet Name :	P8
Client Sample ID :	2ND-PK-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:42:32	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.93	4.06	4.31	4.10	4.69	ppb
Molybdenum	94-1	0.36	0.50	0.51	0.46	18.08	ppb
Molybdenum	95-1	0.59	0.54	0.59	0.57	4.27	ppb
Molybdenum	96-1	0.41	0.61	0.57	0.53	19.71	ppb
Molybdenum	97-1	0.42	0.60	0.55	0.52	17.90	ppb
Molybdenum	98-1	0.50	0.53	0.52	0.52	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.42	1.34	1.42	6.05	ppb
Phosphorus	31-2	344.70	277.66	293.23	305.20	11.50	ppb
Potassium	39-2	1760.53	1747.98	1784.38	1764.30	1.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.86	1.20	1.51	1.19	27.45	ppb
Selenium	82-1	-0.57	-0.29	0.16	-0.23		ppb
Silicon	28-1	4647.41	4359.05	4489.67	4498.71	3.21	ppb
Silver	109-1	0.08	0.07	0.08	0.07	7.92	ppb
Silver	107-1	0.06	0.05	0.09	0.07	31.22	ppb
Sodium	23-2	36398.31	36531.10	35876.35	36268.59	0.95	ppb
Strontium	86-1	126.63	128.91	126.19	127.24	1.15	ppb
Strontium	88-1	127.73	126.89	127.40	127.34	0.33	ppb
Sulfur	34-1	21993.06	20494.83	20504.16	20997.35	4.11	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.07	-0.04	-0.04		ppb
Tin	118-1	0.09	0.07	0.05	0.07	27.23	ppb
Titanium	47-1	0.48	0.15	-0.75	-0.04		ppb
Uranium	238-1	0.07	0.08	0.07	0.07	8.88	ppb
Vanadium	51-2	0.53	0.48	0.45	0.49	8.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	9.08	10.15	8.99	9.41	6.84	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-03	Instrumnet Name :	P8
Client Sample ID :	2ND-PK-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:42:32	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	0.01	0.02	0.00	442.66	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-04	Instrumnet Name :	P8
Client Sample ID :	SICK-ROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:46:02	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.89	7.17	9.86	8.64	15.79	ppb
Antimony	121-1	0.14	0.15	0.14	0.15	4.80	ppb
Arsenic	75-1	0.34	0.34	0.48	0.39	21.08	ppb
Barium	135-1	51.87	58.14	54.78	54.93	5.71	ppb
Barium	137-1	54.47	56.35	55.97	55.59	1.79	ppb
Beryllium	9-1	0.05	0.05	0.01	0.04	58.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	11-1	39.22	41.17	44.29	41.56	6.16	ppb
Boron	10-1	39.09	41.31	36.77	39.06	5.82	ppb
Cadmium	106-1	-1.35	1.16	2.27	0.69	267.60	ppb
Cadmium	108-1	0.39	0.31	0.39	0.36	11.87	ppb
Cadmium	111-1	-0.07	0.12	0.17	0.08	167.55	ppb
Calcium	43-1	31717.53	32135.49	31908.59	31920.54	0.66	ppb
Calcium	44-1	31570.53	32710.31	32906.38	32395.74	2.23	ppb
Chromium	52-2	1.81	1.68	1.76	1.75	3.81	ppb
Cobalt	59-2	0.07	0.06	0.12	0.09	36.30	ppb
Copper	63-2	151.32	147.35	151.46	150.04	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	14.72	14.00	14.53	14.42	2.58	ppb
Iron	57-2	13.08	16.66	18.44	16.06	16.99	ppb
Krypton	83-1						cps
Lead	207-1	2.07	2.22	2.04	2.11	4.41	ppb
Lead	208-1	2.18	2.19	2.11	2.16	1.95	ppb
Lead	206-1	2.21	2.36	2.20	2.26	3.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	10592.03	10135.40	10495.96	10407.80	2.31	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-04	Instrumnet Name :	P8
Client Sample ID :	SICK-ROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:46:02	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.69	10.37	11.06	10.71	3.25	ppb
Molybdenum	94-1	0.26	0.39	0.38	0.34	21.31	ppb
Molybdenum	95-1	0.40	0.55	0.46	0.47	15.43	ppb
Molybdenum	96-1	0.47	0.48	0.39	0.45	11.17	ppb
Molybdenum	97-1	0.45	0.39	0.51	0.45	13.31	ppb
Molybdenum	98-1	0.49	0.50	0.44	0.48	6.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	615.25	593.92	610.41	606.52	1.84	ppb
Phosphorus	31-2	197.34	80.91	111.65	129.97	46.42	ppb
Potassium	39-2	1871.71	1844.25	1877.94	1864.64	0.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	1.85	0.88	0.88	110.10	ppb
Selenium	82-1	-0.56	1.49	1.16	0.70	158.28	ppb
Silicon	28-1	5473.38	5568.09	5560.17	5533.88	0.95	ppb
Silver	109-1	0.05	0.03	0.05	0.04	24.94	ppb
Silver	107-1	0.05	0.03	0.05	0.04	31.80	ppb
Sodium	23-2	45588.63	43828.71	45092.92	44836.75	2.02	ppb
Strontium	86-1	151.24	153.33	152.08	152.22	0.69	ppb
Strontium	88-1	152.62	152.20	151.09	151.97	0.52	ppb
Sulfur	34-1	22137.37	22882.49	22873.49	22631.11	1.89	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Tin	118-1	0.90	0.79	0.86	0.85	6.45	ppb
Titanium	47-1	0.19	0.19	-0.57	-0.07		ppb
Uranium	238-1	0.09	0.09	0.10	0.09	10.03	ppb
Vanadium	51-2	0.19	0.28	0.25	0.24	20.05	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	854.54	838.03	867.65	853.41	1.74	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-04	Instrumnet Name :	P8
Client Sample ID :	SICK-ROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:46:02	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.02	0.01	232.80	ppb
Zirconium	91-1	-0.03	-0.02	0.04	-0.01		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-05	Instrumnet Name :	P8
Client Sample ID :	STAFF-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:49:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.16	8.49	12.80	12.48	30.83	ppb
Antimony	121-1	0.10	0.14	0.08	0.11	26.90	ppb
Arsenic	75-1	0.29	0.44	0.45	0.40	22.64	ppb
Barium	135-1	55.00	53.74	53.25	53.99	1.67	ppb
Barium	137-1	54.20	55.30	52.23	53.91	2.88	ppb
Beryllium	9-1	0.04	0.06	0.05	0.05	22.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	11-1	31.38	30.68	32.07	31.38	2.21	ppb
Boron	10-1	25.98	34.29	29.77	30.01	13.86	ppb
Cadmium	106-1	-3.29	1.94	-1.41	-0.92		ppb
Cadmium	108-1	0.23	0.15	0.30	0.23	32.35	ppb
Cadmium	111-1	-0.25	0.12	-0.12	-0.08		ppb
Calcium	43-1	25655.59	25886.56	25827.83	25789.99	0.47	ppb
Calcium	44-1	26103.05	26264.42	26141.81	26169.76	0.32	ppb
Chromium	52-2	1.71	1.75	1.65	1.70	3.01	ppb
Cobalt	59-2	0.06	0.06	0.08	0.07	20.99	ppb
Copper	63-2	111.36	109.53	109.55	110.15	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				102		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	23.27	22.85	22.13	22.75	2.54	ppb
Iron	57-2	27.57	26.02	25.54	26.38	4.01	ppb
Krypton	83-1						cps
Lead	207-1	0.65	0.66	0.61	0.64	4.79	ppb
Lead	208-1	0.72	0.69	0.61	0.67	8.54	ppb
Lead	206-1	0.85	0.70	0.60	0.71	17.60	ppb
Lithium	6-1				100		%
Magnesium	24-2	9653.81	9327.50	9383.75	9455.02	1.84	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-05	Instrumnet Name :	P8
Client Sample ID :	STAFF-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:49:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.55	4.26	4.45	4.42	3.35	ppb
Molybdenum	94-1	0.32	0.39	0.31	0.34	12.62	ppb
Molybdenum	95-1	0.53	0.48	0.57	0.53	8.46	ppb
Molybdenum	96-1	0.43	0.50	0.50	0.48	8.55	ppb
Molybdenum	97-1	0.49	0.71	0.51	0.57	21.22	ppb
Molybdenum	98-1	0.56	0.54	0.49	0.53	6.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.26	4.56	4.26	4.36	3.94	ppb
Phosphorus	31-2	201.37	238.95	261.35	233.89	12.96	ppb
Potassium	39-2	1745.77	1691.77	1696.61	1711.38	1.75	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	1.98	0.00	0.00	0.66	173.21	ppb
Selenium	78-2	2.14	-0.07	0.57	0.88	129.01	ppb
Selenium	82-1	0.84	-0.86	0.35	0.11	802.55	ppb
Silicon	28-1	4362.34	4361.53	4324.70	4349.52	0.49	ppb
Silver	109-1	0.04	0.04	0.04	0.04	8.36	ppb
Silver	107-1	0.05	0.04	0.04	0.05	11.80	ppb
Sodium	23-2	36647.79	35972.92	35868.78	36163.16	1.17	ppb
Strontium	86-1	122.92	124.38	124.78	124.03	0.79	ppb
Strontium	88-1	124.96	123.74	124.26	124.32	0.49	ppb
Sulfur	34-1	23693.92	22770.19	23260.32	23241.47	1.99	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.04	-0.07	-0.04	-0.05		ppb
Thallium	205-1	-0.06	-0.04	-0.06	-0.05		ppb
Tin	118-1	0.11	0.05	0.08	0.08	31.92	ppb
Titanium	47-1	-0.05	-0.36	-0.59	-0.33		ppb
Uranium	238-1	0.05	0.04	0.04	0.04	13.64	ppb
Vanadium	51-2	0.32	0.42	0.40	0.38	13.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	189.62	182.05	183.07	184.91	2.22	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-05	Instrumnet Name :	P8
Client Sample ID :	STAFF-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:49:33	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	42.45	ppb
Zirconium	91-1	0.02	0.02	-0.02	0.01	264.75	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-06	Instrumnet Name :	P8
Client Sample ID :	TODDLER-ROOM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:53:04	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.11	15.54	11.69	13.11	16.10	ppb
Antimony	121-1	0.11	0.06	0.11	0.09	32.74	ppb
Arsenic	75-1	0.25	0.60	0.32	0.39	47.36	ppb
Barium	135-1	51.76	51.88	50.68	51.44	1.29	ppb
Barium	137-1	52.67	52.90	52.28	52.62	0.60	ppb
Beryllium	9-1	0.04	0.01	0.05	0.03	55.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	11-1	30.24	30.14	31.97	30.78	3.35	ppb
Boron	10-1	32.72	30.21	36.08	33.01	8.92	ppb
Cadmium	106-1	-2.76	-1.94	-1.83	-2.17		ppb
Cadmium	108-1	0.08	0.08	0.00	0.05	91.20	ppb
Cadmium	111-1	-0.21	-0.11	-0.12	-0.14		ppb
Calcium	43-1	27226.52	26752.53	27235.42	27071.49	1.02	ppb
Calcium	44-1	27897.53	27778.12	27467.05	27714.23	0.80	ppb
Chromium	52-2	1.30	1.45	1.54	1.43	8.47	ppb
Cobalt	59-2	0.04	0.04	0.05	0.05	15.15	ppb
Copper	63-2	47.25	47.95	49.78	48.33	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				101		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	215.06	217.60	226.45	219.70	2.72	ppb
Iron	57-2	223.26	221.27	247.14	230.56	6.24	ppb
Krypton	83-1						cps
Lead	207-1	0.54	0.65	0.65	0.61	10.23	ppb
Lead	208-1	0.65	0.64	0.62	0.63	2.57	ppb
Lead	206-1	0.62	0.70	0.72	0.68	7.93	ppb
Lithium	6-1				99		%
Magnesium	24-2	9318.28	9577.51	9844.44	9580.07	2.75	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-06	Instrumnet Name :	P8
Client Sample ID :	TODDLER-ROOM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:53:04	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.53	8.10	8.11	7.91	4.23	ppb
Molybdenum	94-1	0.30	0.34	0.38	0.34	12.16	ppb
Molybdenum	95-1	0.50	0.52	0.50	0.51	2.63	ppb
Molybdenum	96-1	0.62	0.42	0.47	0.50	20.69	ppb
Molybdenum	97-1	0.57	0.54	0.49	0.53	7.21	ppb
Molybdenum	98-1	0.64	0.54	0.61	0.59	8.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.78	0.71	0.74	5.33	ppb
Phosphorus	31-2	404.09	358.58	307.73	356.80	13.51	ppb
Potassium	39-2	1733.28	1754.81	1811.01	1766.37	2.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	2.12	0.71	173.21	ppb
Selenium	78-2	1.21	0.60	-0.02	0.60	102.18	ppb
Selenium	82-1	-0.57	-1.59	1.19	-0.33		ppb
Silicon	28-1	4466.34	4449.06	4564.13	4493.18	1.38	ppb
Silver	109-1	0.03	0.04	0.04	0.04	11.94	ppb
Silver	107-1	0.03	0.03	0.01	0.03	42.29	ppb
Sodium	23-2	36480.94	37140.83	37993.97	37205.25	2.04	ppb
Strontium	86-1	129.25	127.82	131.67	129.58	1.50	ppb
Strontium	88-1	131.32	128.30	131.32	130.31	1.34	ppb
Sulfur	34-1	25158.46	23925.88	25005.19	24696.51	2.72	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	-0.08	-0.07	-0.07	-0.07		ppb
Thallium	205-1	-0.06	-0.06	-0.05	-0.06		ppb
Tin	118-1	0.31	0.28	0.20	0.26	20.54	ppb
Titanium	47-1	1.30	-0.33	0.31	0.43	192.44	ppb
Uranium	238-1	0.05	0.02	0.05	0.04	35.04	ppb
Vanadium	51-2	0.48	0.33	0.51	0.44	21.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	20.81	21.70	22.11	21.54	3.10	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-06	Instrumnet Name :	P8
Client Sample ID :	TODDLER-ROOM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:53:04	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.06	0.00	-0.01	-0.02		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-07	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:56:34	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.60	5.96	8.85	8.80	32.01	ppb
Antimony	121-1	0.09	0.17	0.09	0.12	36.81	ppb
Arsenic	75-1	0.66	1.09	0.40	0.72	48.29	ppb
Barium	135-1	98.61	125.14	67.13	96.96	29.95	ppb
Barium	137-1	97.35	129.50	66.00	97.62	32.52	ppb
Beryllium	9-1	0.05	0.09	0.06	0.06	35.08	ppb
Bismuth	209-1				74		%
Bismuth	209-2				96		%
Boron	11-1	54.69	69.14	36.92	53.58	30.13	ppb
Boron	10-1	54.48	65.35	37.44	52.42	26.83	ppb
Cadmium	106-1	-1.04	0.49	0.59	0.01	6668.59	ppb
Cadmium	108-1	0.03	0.07	-0.08	0.01	1389.24	ppb
Cadmium	111-1	-0.07	0.07	0.07	0.02	358.01	ppb
Calcium	43-1	56518.72	77594.11	39511.40	57874.74	32.96	ppb
Calcium	44-1	57086.04	78011.65	39651.73	58249.81	32.97	ppb
Chromium	52-2	0.99	1.02	1.01	1.00	1.48	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	15.83	ppb
Copper	63-2	9.47	9.86	9.94	9.75	2.59	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				77		%
Holmium	165-2				96		%
Indium	115-1				75		%
Indium	115-2				96		%
Iron	56-2	5.51	5.09	5.12	5.24	4.48	ppb
Iron	57-2	7.12	12.27	7.52	8.97	31.92	ppb
Krypton	83-1						cps
Lead	207-1	0.86	1.23	0.58	0.89	36.27	ppb
Lead	208-1	0.90	1.33	0.62	0.95	37.76	ppb
Lead	206-1	0.91	1.31	0.67	0.96	33.84	ppb
Lithium	6-1				74		%
Magnesium	24-2	9855.59	9797.84	9659.40	9770.94	1.03	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-07	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:56:34	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.69	5.41	5.33	5.48	3.49	ppb
Molybdenum	94-1	0.53	0.92	0.49	0.65	36.86	ppb
Molybdenum	95-1	0.78	1.01	0.51	0.77	32.31	ppb
Molybdenum	96-1	0.76	1.21	0.52	0.83	42.33	ppb
Molybdenum	97-1	0.83	1.25	0.72	0.94	29.93	ppb
Molybdenum	98-1	0.90	1.22	0.57	0.90	36.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	2.12	2.35	2.17	7.83	ppb
Phosphorus	31-2	183.49	267.52	284.00	245.01	22.00	ppb
Potassium	39-2	1859.20	1854.64	1836.15	1850.00	0.66	ppb
Rhodium	103-1				73		%
Rhodium	103-2				95		%
Scandium	45-1				73		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.52	0.25	0.92	0.90	70.89	ppb
Selenium	82-1	-0.66	-1.04	-0.54	-0.74		ppb
Silicon	28-1	10834.14	16730.72	6205.55	11256.80	46.86	ppb
Silver	109-1	0.07	0.05	0.02	0.05	47.44	ppb
Silver	107-1	0.06	0.06	0.06	0.06	1.13	ppb
Sodium	23-2	36877.62	36851.97	36757.44	36829.01	0.17	ppb
Strontium	86-1	266.56	362.56	183.55	270.89	33.07	ppb
Strontium	88-1	270.52	369.62	188.84	276.33	32.76	ppb
Sulfur	34-1	58069.01	95665.82	26700.36	60145.06	57.41	ppb
Terbium	159-1				76		%
Terbium	159-2				97		%
Thallium	203-1	-0.07	-0.05	-0.06	-0.06		ppb
Thallium	205-1	-0.06	-0.06	-0.06	-0.06		ppb
Tin	118-1	0.19	0.38	0.13	0.23	54.79	ppb
Titanium	47-1	4.13	8.18	-0.60	3.90	112.62	ppb
Uranium	238-1	0.07	0.08	0.06	0.07	16.96	ppb
Vanadium	51-2	0.64	0.68	0.63	0.65	3.67	ppb
Yttrium	89-1				74		%
Yttrium	89-2				96		%
Zinc	66-2	14.95	15.00	14.94	14.96	0.22	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-07	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:56:34	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	-0.01	0.01	166.92	ppb
Zirconium	91-1	-0.05	0.02	-0.01	-0.01		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-08	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-HAND	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:00:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.10	8.38	16.96	12.15	36.07	ppb
Antimony	121-1	0.06	0.08	0.09	0.08	22.96	ppb
Arsenic	75-1	0.22	0.28	0.37	0.29	24.83	ppb
Barium	135-1	55.35	55.27	57.66	56.09	2.42	ppb
Barium	137-1	55.50	55.49	56.84	55.94	1.38	ppb
Beryllium	9-1	0.01	0.04	0.02	0.02	51.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	11-1	30.36	31.05	32.58	31.33	3.62	ppb
Boron	10-1	25.17	28.53	33.64	29.11	14.65	ppb
Cadmium	106-1	0.00	-0.82	-3.60	-1.48		ppb
Cadmium	108-1	0.00	0.00	0.31	0.10	179.11	ppb
Cadmium	111-1	0.00	-0.04	-0.27	-0.11		ppb
Calcium	43-1	26751.67	27448.95	27585.01	27261.88	1.64	ppb
Calcium	44-1	27374.74	28048.58	28082.69	27835.34	1.43	ppb
Chromium	52-2	1.99	1.85	1.77	1.87	5.90	ppb
Cobalt	59-2	0.06	0.07	0.06	0.07	11.49	ppb
Copper	63-2	331.26	342.03	335.14	336.15	1.62	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				103		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	31.92	33.52	33.02	32.82	2.50	ppb
Iron	57-2	35.23	33.72	33.77	34.24	2.50	ppb
Krypton	83-1						cps
Lead	207-1	0.35	0.34	0.36	0.35	2.34	ppb
Lead	208-1	0.37	0.38	0.41	0.39	6.08	ppb
Lead	206-1	0.42	0.40	0.48	0.43	9.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	9664.85	9718.60	9516.79	9633.42	1.08	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-08	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-HAND	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:00:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.87	4.54	4.70	4.70	3.54	ppb
Molybdenum	94-1	0.42	0.35	0.41	0.39	10.59	ppb
Molybdenum	95-1	0.44	0.32	0.43	0.40	16.96	ppb
Molybdenum	96-1	0.39	0.43	0.44	0.42	7.00	ppb
Molybdenum	97-1	0.57	0.36	0.46	0.46	23.40	ppb
Molybdenum	98-1	0.42	0.45	0.47	0.45	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.90	2.95	3.03	2.96	2.27	ppb
Phosphorus	31-2	294.90	317.02	319.79	310.57	4.39	ppb
Potassium	39-2	1649.09	1746.78	1695.37	1697.08	2.88	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	2.01	0.67	173.21	ppb
Selenium	78-2	-0.07	0.88	0.89	0.57	97.85	ppb
Selenium	82-1	0.33	0.33	-0.35	0.10	373.86	ppb
Silicon	28-1	4327.30	4342.37	4542.00	4403.89	2.72	ppb
Silver	109-1	0.03	0.04	0.03	0.03	22.10	ppb
Silver	107-1	0.04	0.02	0.04	0.04	32.68	ppb
Sodium	23-2	36568.96	37261.32	36938.41	36922.90	0.94	ppb
Strontium	86-1	131.67	133.04	129.95	131.56	1.18	ppb
Strontium	88-1	131.92	131.86	131.42	131.73	0.21	ppb
Sulfur	34-1	24188.63	25420.97	26464.01	25357.87	4.49	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.07	-0.07	-0.08	-0.07		ppb
Thallium	205-1	-0.07	-0.07	-0.07	-0.07		ppb
Tin	118-1	1.32	1.31	1.18	1.27	6.11	ppb
Titanium	47-1	-0.36	-1.54	-0.55	-0.82		ppb
Uranium	238-1	0.05	0.05	0.07	0.06	23.06	ppb
Vanadium	51-2	0.44	0.50	0.42	0.45	8.82	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	132.42	139.01	132.98	134.80	2.71	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-08	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-HAND	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:00:05	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	0.02	0.00	386.98	ppb
Zirconium	91-1	-0.05	0.00	-0.04	-0.03		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-09	Instrumnet Name :	P8
Client Sample ID :	INFANTS-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:03:35	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.51	11.75	17.39	14.55	19.38	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	7.80	ppb
Arsenic	75-1	0.62	0.41	0.46	0.49	21.82	ppb
Barium	135-1	102.02	95.87	97.62	98.50	3.21	ppb
Barium	137-1	99.06	96.02	97.81	97.63	1.57	ppb
Beryllium	9-1	0.00	0.05	0.01	0.02	127.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	11-1	55.12	56.16	55.35	55.54	0.98	ppb
Boron	10-1	57.63	50.88	61.37	56.63	9.39	ppb
Cadmium	106-1	1.43	-0.63	-1.75	-0.32		ppb
Cadmium	108-1	0.23	0.15	0.23	0.20	23.74	ppb
Cadmium	111-1	0.08	-0.05	-0.13	-0.03		ppb
Calcium	43-1	60432.22	59243.82	59210.76	59628.94	1.17	ppb
Calcium	44-1	61009.53	59300.35	58885.87	59731.92	1.88	ppb
Chromium	52-2	1.22	1.23	1.09	1.18	6.88	ppb
Cobalt	59-2	0.06	0.04	0.08	0.06	36.54	ppb
Copper	63-2	352.35	348.44	353.14	351.31	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				104		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	18.64	19.33	18.93	18.96	1.82	ppb
Iron	57-2	17.20	19.70	20.05	18.98	8.18	ppb
Krypton	83-1						cps
Lead	207-1	0.62	0.66	0.60	0.63	4.88	ppb
Lead	208-1	0.66	0.66	0.65	0.66	0.85	ppb
Lead	206-1	0.70	0.72	0.73	0.72	2.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	12770.52	12668.34	12495.13	12644.66	1.10	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-09	Instrumnet Name :	P8
Client Sample ID :	INFANTS-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:03:35	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.05	3.04	3.43	3.18	7.01	ppb
Molybdenum	94-1	0.24	0.31	0.28	0.28	11.29	ppb
Molybdenum	95-1	0.37	0.42	0.36	0.38	7.29	ppb
Molybdenum	96-1	0.32	0.34	0.37	0.34	7.03	ppb
Molybdenum	97-1	0.48	0.49	0.37	0.45	14.43	ppb
Molybdenum	98-1	0.41	0.40	0.41	0.41	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.75	0.84	0.83	9.83	ppb
Phosphorus	31-2	292.82	199.85	217.94	236.87	20.81	ppb
Potassium	39-2	1579.86	1566.11	1601.08	1582.35	1.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	2.00	0.00	0.00	0.67	173.21	ppb
Selenium	78-2	1.85	2.22	2.51	2.19	14.96	ppb
Selenium	82-1	0.79	-0.40	-0.48	-0.03		ppb
Silicon	28-1	6757.25	6657.42	6614.63	6676.43	1.10	ppb
Silver	109-1	0.05	0.04	0.04	0.05	11.17	ppb
Silver	107-1	0.03	0.02	0.03	0.03	18.72	ppb
Sodium	23-2	37996.75	37090.74	37065.50	37384.33	1.42	ppb
Strontium	86-1	261.86	265.52	263.15	263.51	0.70	ppb
Strontium	88-1	266.05	272.92	269.60	269.52	1.27	ppb
Sulfur	34-1	29475.55	27904.41	28251.98	28543.98	2.89	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	-0.07	-0.05	-0.06	-0.06		ppb
Thallium	205-1	-0.06	-0.07	-0.07	-0.07		ppb
Tin	118-1	0.07	0.08	0.08	0.08	9.75	ppb
Titanium	47-1	-0.30	-0.83	-0.29	-0.47		ppb
Uranium	238-1	0.89	0.90	0.92	0.90	1.77	ppb
Vanadium	51-2	0.96	1.00	1.01	0.99	2.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	243.38	239.68	236.72	239.93	1.39	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-09	Instrumnet Name :	P8
Client Sample ID :	INFANTS-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:03:35	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.02	0.00	503.78	ppb
Zirconium	91-1	-0.02	-0.01	-0.04	-0.02		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:08:00	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52588.68	52215.72	52514.62	52439.67	0.38	ppb
Antimony	121-1	484.90	493.78	483.68	487.45	1.13	ppb
Arsenic	75-1	469.08	461.57	461.20	463.95	0.96	ppb
Barium	135-1	2390.74	2441.61	2404.30	2412.22	1.09	ppb
Barium	137-1	2387.60	2409.79	2405.92	2401.11	0.49	ppb
Beryllium	9-1	502.83	499.42	508.60	503.62	0.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	11-1	494.26	493.03	528.35	505.21	3.97	ppb
Boron	10-1	489.21	504.55	519.36	504.37	2.99	ppb
Cadmium	106-1	484.97	485.37	476.71	482.35	1.01	ppb
Cadmium	108-1	474.69	487.01	473.96	478.55	1.53	ppb
Cadmium	111-1	470.89	469.55	463.04	467.83	0.90	ppb
Calcium	43-1	238845.28	239927.52	237589.69	238787.50	0.49	ppb
Calcium	44-1	235415.12	235375.93	232980.33	234590.46	0.59	ppb
Chromium	52-2	490.62	490.06	484.86	488.51	0.65	ppb
Cobalt	59-2	487.07	488.37	486.22	487.22	0.22	ppb
Copper	63-2	938.84	931.56	927.29	932.57	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	122884.85	122117.71	121217.84	122073.47	0.68	ppb
Iron	57-2	127443.60	125210.75	125149.72	125934.69	1.04	ppb
Krypton	83-1						cps
Lead	207-1	485.34	477.77	487.76	483.62	1.08	ppb
Lead	208-1	485.19	483.49	490.93	486.54	0.80	ppb
Lead	206-1	480.72	475.18	486.01	480.64	1.13	ppb
Lithium	6-1				102		%
Magnesium	24-2	248765.91	249867.93	246944.20	248526.01	0.59	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:08:00	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	972.75	972.30	965.67	970.24	0.41	ppb
Molybdenum	94-1	2460.79	2436.61	2492.66	2463.35	1.14	ppb
Molybdenum	95-1	2443.09	2445.56	2487.53	2458.73	1.02	ppb
Molybdenum	96-1	2456.50	2487.18	2471.70	2471.79	0.62	ppb
Molybdenum	97-1	2463.91	2471.79	2464.55	2466.75	0.18	ppb
Molybdenum	98-1	2444.70	2450.66	2452.38	2449.25	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.04	483.36	476.72	479.38	0.73	ppb
Phosphorus	31-2	10949.87	9809.57	10000.56	10253.33	5.96	ppb
Potassium	39-2	120806.71	122051.54	120370.21	121076.15	0.72	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	518.90	484.67	516.53	506.70	3.77	ppb
Selenium	78-2	490.92	512.46	511.17	504.85	2.39	ppb
Selenium	82-1	470.86	472.74	492.06	478.56	2.45	ppb
Silicon	28-1	556.35	532.61	590.89	559.95	5.23	ppb
Silver	109-1	476.22	473.03	468.05	472.43	0.87	ppb
Silver	107-1	470.54	483.23	471.01	474.93	1.52	ppb
Sodium	23-2	250473.72	252727.65	248079.80	250427.06	0.93	ppb
Strontium	86-1	481.26	472.65	487.35	480.42	1.54	ppb
Strontium	88-1	484.49	481.16	490.29	485.31	0.95	ppb
Sulfur	34-1	18002.79	18759.90	17137.39	17966.69	4.52	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	477.99	474.04	488.22	480.08	1.52	ppb
Thallium	205-1	497.54	484.16	500.34	494.01	1.75	ppb
Tin	118-1	470.42	480.33	471.72	474.16	1.14	ppb
Titanium	47-1	2365.37	2355.30	2360.52	2360.40	0.21	ppb
Uranium	238-1	499.58	493.80	501.84	498.41	0.83	ppb
Vanadium	51-2	494.49	491.26	490.61	492.12	0.42	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	967.48	954.90	959.05	960.48	0.67	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:08:00	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.87	480.28	496.77	490.64	1.84	ppb
Zirconium	91-1	480.65	474.41	482.99	479.35	0.93	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 13:12:36 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.61	0.19	-2.41	-0.20		ppb
Antimony	121-1	0.10	0.06	0.08	0.08	21.57	ppb
Arsenic	75-1	0.08	0.02	0.02	0.04	87.72	ppb
Barium	135-1	-0.03	-0.01	-0.02	-0.02		ppb
Barium	137-1	0.00	0.01	0.01	0.01	122.79	ppb
Beryllium	9-1	0.03	0.09	0.08	0.07	44.21	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	11-1	6.91	6.43	5.55	6.30	10.97	ppb
Boron	10-1	5.45	4.70	10.02	6.72	42.85	ppb
Cadmium	106-1	2.94	2.25	-0.06	1.71	91.76	ppb
Cadmium	108-1	-0.08	0.15	0.08	0.05	241.36	ppb
Cadmium	111-1	0.21	0.16	0.00	0.12	91.88	ppb
Calcium	43-1	-3.69	-22.30	-12.04	-12.68		ppb
Calcium	44-1	24.51	20.11	24.31	22.98	10.83	ppb
Chromium	52-2	-0.04	0.02	0.02	0.00		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.26	0.26	0.26	0.26	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	1.33	1.29	1.04	1.22	12.79	ppb
Iron	57-2	0.29	-1.23	-0.03	-0.32		ppb
Krypton	83-1						cps
Lead	207-1	0.32	0.19	0.23	0.24	27.41	ppb
Lead	208-1	0.26	0.22	0.21	0.23	10.65	ppb
Lead	206-1	0.27	0.29	0.27	0.28	4.07	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.82	0.26	2.26	1.45	72.40	ppb

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 13:12:36 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.00	0.03	0.02	107.91	ppb
Molybdenum	94-1	0.07	0.10	0.10	0.09	22.94	ppb
Molybdenum	95-1	0.05	0.01	0.01	0.03	82.35	ppb
Molybdenum	96-1	0.08	0.03	0.02	0.04	68.57	ppb
Molybdenum	97-1	0.07	0.06	0.03	0.05	42.63	ppb
Molybdenum	98-1	0.03	0.03	0.05	0.04	24.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.05	-0.03		ppb
Phosphorus	31-2	-11.41	-10.61	-20.41	-14.14		ppb
Potassium	39-2	51.36	34.38	32.34	39.36	26.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.93	-0.71	-0.41	-0.06		ppb
Selenium	82-1	1.33	-1.02	-0.94	-0.21		ppb
Silicon	28-1	177.96	115.09	179.63	157.56	23.35	ppb
Silver	109-1	0.07	0.06	0.06	0.06	9.45	ppb
Silver	107-1	0.09	0.06	0.05	0.07	30.59	ppb
Sodium	23-2	107.47	101.00	104.21	104.23	3.11	ppb
Strontium	86-1	-0.02	-0.01	0.09	0.02	317.43	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	115.74	ppb
Sulfur	34-1	459.69	-1270.32	304.47	-168.72		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.00	-0.05	-0.05	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	0.07	0.08	0.06	0.07	13.86	ppb
Titanium	47-1	-0.41	-0.95	-0.88	-0.75		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	65.31	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	-0.03	0.01	0.02	0.00		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:12:36	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	48.11	ppb
Zirconium	91-1	-0.02	-0.03	0.01	-0.01		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-10	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.77	11.58	12.79	11.71	8.68	ppb
Antimony	121-1	0.12	0.15	0.14	0.14	10.66	ppb
Arsenic	75-1	0.32	0.34	0.30	0.32	6.40	ppb
Barium	135-1	54.83	54.76	56.71	55.43	1.99	ppb
Barium	137-1	54.98	55.43	55.71	55.37	0.66	ppb
Beryllium	9-1	0.10	0.04	0.04	0.06	61.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	11-1	29.78	32.62	35.19	32.53	8.32	ppb
Boron	10-1	32.07	36.39	33.89	34.11	6.35	ppb
Cadmium	106-1	-0.13	-1.53	-2.22	-1.29		ppb
Cadmium	108-1	0.00	0.24	0.08	0.10	117.62	ppb
Cadmium	111-1	0.01	-0.11	-0.15	-0.08		ppb
Calcium	43-1	26338.98	26284.93	26746.28	26456.73	0.95	ppb
Calcium	44-1	26554.93	27089.59	26908.25	26850.92	1.01	ppb
Chromium	52-2	0.70	0.81	0.86	0.79	10.86	ppb
Cobalt	59-2	0.05	0.07	0.08	0.07	24.48	ppb
Copper	63-2	241.92	239.71	244.94	242.19	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	19.37	19.30	19.88	19.52	1.62	ppb
Iron	57-2	19.89	18.94	20.60	19.81	4.22	ppb
Krypton	83-1						cps
Lead	207-1	0.41	0.50	0.48	0.46	10.35	ppb
Lead	208-1	0.53	0.50	0.50	0.51	4.24	ppb
Lead	206-1	0.63	0.55	0.47	0.55	14.26	ppb
Lithium	6-1				99		%
Magnesium	24-2	9336.49	9471.93	9443.33	9417.25	0.76	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-10	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.95	5.66	6.21	5.94	4.65	ppb
Molybdenum	94-1	0.58	0.49	0.47	0.51	11.45	ppb
Molybdenum	95-1	0.51	0.59	0.48	0.53	11.08	ppb
Molybdenum	96-1	0.63	0.53	0.51	0.56	10.73	ppb
Molybdenum	97-1	0.30	0.48	0.55	0.44	28.69	ppb
Molybdenum	98-1	0.59	0.53	0.50	0.54	8.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.42	4.93	5.22	5.19	4.74	ppb
Phosphorus	31-2	376.13	372.81	261.15	336.70	19.44	ppb
Potassium	39-2	1689.26	1717.93	1692.41	1699.87	0.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	1.97	0.00	0.66	173.21	ppb
Selenium	78-2	-0.72	1.49	0.26	0.35	321.33	ppb
Selenium	82-1	0.52	1.99	0.18	0.89	107.48	ppb
Silicon	28-1	4338.97	4353.50	4441.73	4378.07	1.27	ppb
Silver	109-1	0.08	0.05	0.05	0.06	30.62	ppb
Silver	107-1	0.09	0.07	0.04	0.07	33.53	ppb
Sodium	23-2	36265.61	35939.45	36475.33	36226.80	0.75	ppb
Strontium	86-1	133.17	128.47	127.65	129.76	2.29	ppb
Strontium	88-1	128.89	127.71	128.76	128.45	0.51	ppb
Sulfur	34-1	23194.46	22182.44	23275.12	22884.01	2.66	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	-0.05	0.00	-0.04	-0.03		ppb
Thallium	205-1	-0.01	-0.03	-0.06	-0.04		ppb
Tin	118-1	0.13	0.07	0.20	0.13	51.33	ppb
Titanium	47-1	-1.17	-0.36	-0.34	-0.62		ppb
Uranium	238-1	0.07	0.06	0.06	0.06	9.25	ppb
Vanadium	51-2	0.44	0.41	0.33	0.39	14.49	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	157.79	160.59	160.27	159.55	0.96	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-10	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.03	0.04	0.04	39.03	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	37.66	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-11	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:19:37	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.02	8.17	9.31	11.83	45.54	ppb
Antimony	121-1	0.10	0.10	0.11	0.10	6.67	ppb
Arsenic	75-1	0.34	0.19	0.32	0.28	29.27	ppb
Barium	135-1	52.85	51.11	50.22	51.39	2.61	ppb
Barium	137-1	51.30	51.33	51.67	51.44	0.39	ppb
Beryllium	9-1	0.05	0.08	0.02	0.05	57.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	11-1	31.53	29.74	29.61	30.29	3.55	ppb
Boron	10-1	28.64	30.69	27.08	28.80	6.29	ppb
Cadmium	106-1	-2.44	2.95	1.10	0.54	507.27	ppb
Cadmium	108-1	0.16	0.23	0.23	0.21	19.37	ppb
Cadmium	111-1	-0.16	0.21	0.08	0.04	435.10	ppb
Calcium	43-1	25398.28	25382.63	25747.91	25509.61	0.81	ppb
Calcium	44-1	25512.37	25928.79	26317.42	25919.53	1.55	ppb
Chromium	52-2	4.17	4.17	4.29	4.21	1.63	ppb
Cobalt	59-2	0.05	0.05	0.07	0.06	17.46	ppb
Copper	63-2	168.27	168.32	165.16	167.25	1.08	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				102		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	35.58	38.15	36.59	36.77	3.52	ppb
Iron	57-2	37.11	36.91	39.33	37.78	3.55	ppb
Krypton	83-1						cps
Lead	207-1	0.87	0.87	0.81	0.85	4.10	ppb
Lead	208-1	0.90	0.87	0.92	0.90	2.88	ppb
Lead	206-1	0.95	0.85	0.98	0.93	6.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	9656.80	9714.68	9483.20	9618.23	1.25	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-11	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:19:37	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.80	4.04	3.72	3.85	4.27	ppb
Molybdenum	94-1	0.48	0.34	0.43	0.41	17.13	ppb
Molybdenum	95-1	0.57	0.53	0.57	0.56	3.91	ppb
Molybdenum	96-1	0.54	0.48	0.65	0.55	15.60	ppb
Molybdenum	97-1	0.49	0.50	0.49	0.49	0.27	ppb
Molybdenum	98-1	0.56	0.62	0.52	0.57	8.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.50	1.64	1.59	1.58	4.47	ppb
Phosphorus	31-2	382.95	440.99	339.85	387.93	13.08	ppb
Potassium	39-2	1728.46	1718.40	1693.13	1713.33	1.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	2.02	0.00	0.00	0.67	173.21	ppb
Selenium	78-2	-0.06	1.21	1.53	0.89	94.27	ppb
Selenium	82-1	0.04	0.07	0.22	0.11	90.46	ppb
Silicon	28-1	4197.70	4268.50	4339.18	4268.46	1.66	ppb
Silver	109-1	0.06	0.06	0.04	0.06	21.09	ppb
Silver	107-1	0.02	0.08	0.05	0.05	56.15	ppb
Sodium	23-2	36640.40	36287.32	35995.73	36307.81	0.89	ppb
Strontium	86-1	125.61	122.83	122.91	123.79	1.28	ppb
Strontium	88-1	124.20	123.80	123.21	123.74	0.40	ppb
Sulfur	34-1	22537.01	22938.77	23733.87	23069.88	2.64	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	-0.07	-0.07	-0.07	-0.07		ppb
Thallium	205-1	-0.06	-0.07	-0.07	-0.07		ppb
Tin	118-1	0.08	0.05	0.06	0.06	29.53	ppb
Titanium	47-1	0.16	0.03	-0.88	-0.23		ppb
Uranium	238-1	0.04	0.04	0.03	0.04	11.21	ppb
Vanadium	51-2	0.35	0.39	0.34	0.36	6.59	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	493.31	497.95	492.97	494.75	0.56	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-11	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:19:37	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.03	0.03	7.66	ppb
Zirconium	91-1	-0.06	0.00	-0.03	-0.03		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-12	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:23:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.14	9.74	5.80	8.56	28.03	ppb
Antimony	121-1	0.11	0.12	0.08	0.10	18.31	ppb
Arsenic	75-1	0.31	0.28	0.19	0.26	23.26	ppb
Barium	135-1	49.16	51.59	50.49	50.41	2.42	ppb
Barium	137-1	52.10	50.84	50.70	51.21	1.51	ppb
Beryllium	9-1	0.02	0.02	0.05	0.03	41.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	11-1	36.30	36.64	36.30	36.41	0.54	ppb
Boron	10-1	39.21	38.21	33.35	36.92	8.49	ppb
Cadmium	106-1	-0.44	-2.08	-0.18	-0.90		ppb
Cadmium	108-1	0.08	0.00	0.23	0.10	115.41	ppb
Cadmium	111-1	-0.04	-0.15	-0.03	-0.07		ppb
Calcium	43-1	31529.04	31616.25	31282.18	31475.82	0.55	ppb
Calcium	44-1	31640.35	31915.83	31558.73	31704.97	0.59	ppb
Chromium	52-2	1.55	1.56	1.62	1.58	2.49	ppb
Cobalt	59-2	0.17	0.18	0.16	0.17	5.69	ppb
Copper	63-2	183.68	185.63	185.62	184.98	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	22.44	22.44	22.21	22.37	0.58	ppb
Iron	57-2	27.74	25.11	25.61	26.15	5.34	ppb
Krypton	83-1						cps
Lead	207-1	0.50	0.53	0.50	0.51	3.23	ppb
Lead	208-1	0.52	0.50	0.54	0.52	3.48	ppb
Lead	206-1	0.53	0.53	0.64	0.57	10.85	ppb
Lithium	6-1				99		%
Magnesium	24-2	10210.81	10196.05	10271.49	10226.11	0.39	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-12	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:23:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.80	5.98	5.63	5.80	3.04	ppb
Molybdenum	94-1	0.36	0.58	0.37	0.44	28.74	ppb
Molybdenum	95-1	0.56	0.51	0.49	0.52	7.26	ppb
Molybdenum	96-1	0.42	0.39	0.41	0.41	3.55	ppb
Molybdenum	97-1	0.49	0.38	0.50	0.46	14.22	ppb
Molybdenum	98-1	0.53	0.48	0.43	0.48	10.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.41	1.30	1.35	4.10	ppb
Phosphorus	31-2	238.51	356.89	404.70	333.37	25.66	ppb
Potassium	39-2	1694.57	1723.84	1697.23	1705.21	0.95	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.39	-0.05	0.92	0.16	423.12	ppb
Selenium	82-1	0.43	1.08	0.33	0.61	66.00	ppb
Silicon	28-1	4699.87	4651.36	4515.33	4622.19	2.07	ppb
Silver	109-1	0.05	0.03	0.06	0.05	28.98	ppb
Silver	107-1	0.05	0.05	0.03	0.04	27.24	ppb
Sodium	23-2	37036.73	36818.74	36821.90	36892.45	0.34	ppb
Strontium	86-1	148.63	146.74	145.86	147.08	0.96	ppb
Strontium	88-1	148.31	147.98	144.54	146.94	1.42	ppb
Sulfur	34-1	25295.36	24648.39	23678.65	24540.80	3.32	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	-0.06	-0.05	-0.07	-0.06		ppb
Thallium	205-1	-0.06	-0.07	-0.07	-0.07		ppb
Tin	118-1	0.06	0.07	0.07	0.07	5.62	ppb
Titanium	47-1	-0.12	0.03	-0.35	-0.14		ppb
Uranium	238-1	0.19	0.21	0.21	0.21	6.76	ppb
Vanadium	51-2	0.44	0.45	0.46	0.45	2.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	110.86	110.98	111.88	111.24	0.50	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-12	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:23:08	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.03	0.02	74.89	ppb
Zirconium	91-1	-0.01	-0.04	0.05	0.00		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:26:37	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52861.61	53061.02	52664.91	52862.51	0.37	ppb
Antimony	121-1	494.33	484.57	491.70	490.20	1.03	ppb
Arsenic	75-1	469.92	466.04	474.33	470.10	0.88	ppb
Barium	135-1	2447.13	2431.07	2417.62	2431.94	0.61	ppb
Barium	137-1	2450.92	2429.07	2449.63	2443.21	0.50	ppb
Beryllium	9-1	507.28	502.50	512.44	507.41	0.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	11-1	502.41	503.98	517.64	508.01	1.65	ppb
Boron	10-1	505.03	509.19	523.73	512.65	1.92	ppb
Cadmium	106-1	485.39	474.69	483.92	481.33	1.20	ppb
Cadmium	108-1	487.49	481.01	482.55	483.68	0.70	ppb
Cadmium	111-1	474.78	471.90	471.26	472.65	0.40	ppb
Calcium	43-1	239287.86	242153.11	241758.32	241066.43	0.64	ppb
Calcium	44-1	234894.49	235255.90	239122.83	236424.41	0.99	ppb
Chromium	52-2	491.23	494.86	485.42	490.50	0.97	ppb
Cobalt	59-2	481.23	487.89	483.25	484.13	0.71	ppb
Copper	63-2	933.45	936.88	922.91	931.08	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	121589.18	123544.64	120782.94	121972.25	1.16	ppb
Iron	57-2	123877.28	125885.49	124660.51	124807.76	0.81	ppb
Krypton	83-1						cps
Lead	207-1	485.04	492.18	490.15	489.12	0.75	ppb
Lead	208-1	488.53	491.77	487.21	489.17	0.48	ppb
Lead	206-1	485.55	481.77	481.85	483.06	0.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	248253.02	249732.91	246075.90	248020.61	0.74	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:26:37	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	973.50	985.92	969.91	976.44	0.86	ppb
Molybdenum	94-1	2395.39	2433.58	2393.02	2407.33	0.95	ppb
Molybdenum	95-1	2408.35	2452.76	2431.18	2430.76	0.91	ppb
Molybdenum	96-1	2377.86	2474.92	2403.31	2418.69	2.08	ppb
Molybdenum	97-1	2382.23	2447.18	2408.60	2412.67	1.35	ppb
Molybdenum	98-1	2383.48	2443.75	2389.42	2405.55	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.38	477.14	473.19	477.90	1.07	ppb
Phosphorus	31-2	10332.78	10276.58	10125.53	10244.96	1.05	ppb
Potassium	39-2	122850.19	123902.88	121794.42	122849.16	0.86	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	515.92	553.93	522.78	530.88	3.82	ppb
Selenium	78-2	499.37	483.79	488.12	490.43	1.64	ppb
Selenium	82-1	469.02	485.80	475.14	476.65	1.78	ppb
Silicon	28-1	646.48	584.00	718.75	649.74	10.38	ppb
Silver	109-1	476.09	473.44	477.33	475.62	0.42	ppb
Silver	107-1	472.36	477.58	466.22	472.05	1.20	ppb
Sodium	23-2	251963.41	253505.88	249729.90	251733.06	0.75	ppb
Strontium	86-1	473.13	481.50	475.48	476.71	0.91	ppb
Strontium	88-1	475.73	484.40	486.00	482.04	1.15	ppb
Sulfur	34-1	18709.82	17002.89	17480.44	17731.05	4.97	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	487.01	478.28	484.48	483.26	0.93	ppb
Thallium	205-1	501.23	502.77	495.78	499.93	0.73	ppb
Tin	118-1	479.90	473.31	475.01	476.07	0.72	ppb
Titanium	47-1	2392.20	2397.09	2396.10	2395.13	0.11	ppb
Uranium	238-1	491.20	499.66	494.86	495.24	0.86	ppb
Vanadium	51-2	493.19	494.57	491.66	493.14	0.30	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	968.43	965.00	948.82	960.75	1.09	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:26:37	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	482.68	489.79	486.16	486.21	0.73	ppb
Zirconium	91-1	470.10	477.62	479.95	475.89	1.08	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:33:30	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	-1.32	0.70	0.05	2254.01	ppb
Antimony	121-1	0.05	0.05	0.03	0.04	32.13	ppb
Arsenic	75-1	0.07	0.03	0.03	0.05	56.79	ppb
Barium	135-1	-0.02	0.00	0.00	-0.01		ppb
Barium	137-1	0.01	0.00	0.01	0.00	115.04	ppb
Beryllium	9-1	-0.02	0.02	0.07	0.02	200.36	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	11-1	5.16	5.09	4.22	4.82	10.85	ppb
Boron	10-1	2.43	4.81	5.31	4.18	36.85	ppb
Cadmium	106-1	1.72	0.36	-0.72	0.45	268.93	ppb
Cadmium	108-1	0.08	0.00	-0.08	0.00		ppb
Cadmium	111-1	0.13	0.02	-0.04	0.04	234.55	ppb
Calcium	43-1	-21.08	-42.19	-9.27	-24.18		ppb
Calcium	44-1	23.65	11.88	19.45	18.33	32.55	ppb
Chromium	52-2	0.01	-0.07	0.05	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.14	0.19	0.12	0.15	25.43	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				101		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	0.91	0.94	1.12	0.99	11.45	ppb
Iron	57-2	-0.98	0.15	1.88	0.35	409.55	ppb
Krypton	83-1						cps
Lead	207-1	0.16	0.13	0.14	0.14	11.67	ppb
Lead	208-1	0.14	0.14	0.13	0.14	6.96	ppb
Lead	206-1	0.11	0.15	0.17	0.14	18.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	4.18	4.27	3.67	4.04	8.07	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:33:30	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.03	0.01	151.44	ppb
Molybdenum	94-1	0.07	0.09	0.07	0.08	12.39	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	51.72	ppb
Molybdenum	96-1	0.05	0.00	0.01	0.02	149.73	ppb
Molybdenum	97-1	0.07	0.03	0.06	0.05	42.91	ppb
Molybdenum	98-1	0.02	0.04	0.01	0.02	63.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	0.00	-0.01		ppb
Phosphorus	31-2	-12.74	-30.97	-10.73	-18.15		ppb
Potassium	39-2	33.27	31.14	32.95	32.46	3.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	1.94	0.00	0.00	0.65	173.21	ppb
Selenium	78-2	0.83	-0.09	-0.04	0.24	219.94	ppb
Selenium	82-1	0.76	-0.65	-0.15	-0.01		ppb
Silicon	28-1	193.28	-52.11	116.58	85.92	146.11	ppb
Silver	109-1	0.10	0.06	0.08	0.08	22.36	ppb
Silver	107-1	0.05	0.04	0.05	0.05	7.60	ppb
Sodium	23-2	96.37	96.58	108.82	100.59	7.08	ppb
Strontium	86-1	-0.04	-0.22	-0.02	-0.09		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	206.86	ppb
Sulfur	34-1	430.51	-1451.28	-665.81	-562.19		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.03	-0.05	-0.03		ppb
Thallium	205-1	-0.02	0.00	-0.04	-0.02		ppb
Tin	118-1	0.02	0.02	0.00	0.01	72.63	ppb
Titanium	47-1	-0.31	-0.89	-0.44	-0.55		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	107344.36	ppb
Vanadium	51-2	0.00	0.01	0.04	0.02	99.89	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	-0.16	-0.10	-0.08	-0.11		ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:33:30	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	0.01	0.01	264.74	ppb
Zirconium	91-1	-0.02	-0.01	0.03	0.00	867.46	ppb

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:42:59	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	135	115	123	8.44	cps
Antimony	121-1	17	25	25	22	21.64	cps
Arsenic	75-1	414	347	436	399	11.64	cps
Barium	135-1	17	25	25	22	21.64	cps
Barium	137-1	42	25	33	33	25.01	cps
Beryllium	9-1	3	7	10	7	50.03	cps
Bismuth	209-1	1590221	1700135	1673876	1654744	3.47	cps
Bismuth	209-2	1409807	1428094	1425956	1421285	0.70	cps
Boron	11-1	100	92	83	92	9.09	cps
Boron	10-1	0	25	33	19	89.22	cps
Cadmium	106-1	2275	2575	2367	2406	6.39	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Cadmium	111-1	1594	1811	1655	1687	6.64	cps
Calcium	43-1	2274	1997	2054	2108	6.93	cps
Calcium	44-1	31161	31332	31669	31387	0.82	cps
Chromium	52-2	647	617	687	650	5.40	cps
Cobalt	59-2	30	33	47	37	24.06	cps
Copper	63-2	297	317	430	348	20.68	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	20	17	3	13	66.16	cps
Holmium	165-1	2870457	2942032	2942600	2918363	1.42	cps
Holmium	165-2	2028238	2078363	2078103	2061568	1.40	cps
Indium	115-1	2543052	2630780	2589972	2587935	1.70	cps
Indium	115-2	537934	539017	541388	539446	0.33	cps
Iron	56-2	667	594	789	683	14.38	cps
Iron	57-2	78	56	22	52	53.93	cps
Krypton	83-1	403	420	347	390	9.86	cps
Lead	207-1	172	189	239	200	17.35	cps
Lead	208-1	844	906	906	885	3.99	cps
Lead	206-1	206	200	194	200	2.78	cps
Lithium	6-1	145846	153789	152025	150553	2.77	cps
Magnesium	24-2	0	50	50	33	86.60	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:42:59	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	17	10	12	31.50	cps
Molybdenum	94-1	33	42	83	53	50.76	cps
Molybdenum	95-1	25	42	25	31	31.50	cps
Molybdenum	96-1	42	75	58	58	28.57	cps
Molybdenum	97-1	0	8	0	3	173.21	cps
Molybdenum	98-1	17	25	33	25	33.32	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	30	33	32	5.97	cps
Phosphorus	31-2	50	25	17	31	56.77	cps
Potassium	39-2	11914	12172	11655	11914	2.17	cps
Rhodium	103-1	2466222	2546934	2486079	2499745	1.68	cps
Rhodium	103-2	1829450	1840870	1835112	1835144	0.31	cps
Scandium	45-1	1492633	1543278	1509060	1514990	1.71	cps
Scandium	45-2	60048	60543	59382	59991	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	11	4	6	69.34	cps
Selenium	82-1	-29	-69	71	-9	-771.06	cps
Silicon	28-1	5017786	5036870	5101145	5051934	0.86	cps
Silver	109-1	33	67	75	58	37.80	cps
Silver	107-1	100	75	75	83	17.33	cps
Sodium	23-2	8461	8128	8503	8364	2.46	cps
Strontium	86-1	583	683	592	619	8.96	cps
Strontium	88-1	17	33	42	31	41.66	cps
Sulfur	34-1	271444	274764	271723	272643	0.68	cps
Terbium	159-1	2984821	3139625	3084525	3069657	2.56	cps
Terbium	159-2	2078032	2075773	2106536	2086780	0.82	cps
Thallium	203-1	117	192	208	172	28.35	cps
Thallium	205-1	400	417	350	389	8.92	cps
Tin	118-1	133	142	167	147	11.79	cps
Titanium	47-1	3059	3067	2800	2975	5.10	cps
Uranium	238-1	17	17	33	22	43.30	cps
Vanadium	51-2	17	33	10	20	60.08	cps
Yttrium	89-1	2697284	2845832	2803470	2782195	2.75	cps
Yttrium	89-2	411626	405089	408146	408287	0.80	cps
Zinc	66-2	117	97	93	102	12.34	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:42:59	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	142	250	167	186	30.48	cps
Zirconium	91-1	75	125	75	92	31.50	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:50:38	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	298	253	294	13.63	cps
Antimony	121-1	5852	6035	6085	5990	2.05	cps
Arsenic	75-1	1616	1506	1260	1460	12.50	cps
Barium	135-1	6619	6885	6985	6830	2.78	cps
Barium	137-1	11297	11347	11205	11283	0.64	cps
Beryllium	9-1	290	360	350	333	11.36	cps
Bismuth	209-1	1707337	1670041	1699928	1692436	1.17	cps
Bismuth	209-2	1454576	1466951	1451992	1457839	0.55	cps
Boron	11-1	4376	4659	4184	4406	5.42	cps
Boron	10-1	700	858	808	789	10.26	cps
Cadmium	106-1	2467	2250	2642	2453	8.00	cps
Cadmium	108-1	79	42	58	60	31.46	cps
Cadmium	111-1	2363	2154	2563	2360	8.65	cps
Calcium	43-1	5328	5678	5611	5539	3.36	cps
Calcium	44-1	86561	87523	88389	87491	1.05	cps
Chromium	52-2	2684	2714	2704	2700	0.57	cps
Cobalt	59-2	1917	1850	1854	1873	2.01	cps
Copper	63-2	3217	3294	3034	3182	4.20	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	2987425	3005931	3090529	3027962	1.82	cps
Holmium	165-2	2089339	2059373	2063660	2070791	0.78	cps
Indium	115-1	2692407	2633087	2671613	2665702	1.13	cps
Indium	115-2	548689	549262	549763	549238	0.10	cps
Iron	56-2	40103	39974	41028	40368	1.42	cps
Iron	57-2	1022	956	961	980	3.78	cps
Krypton	83-1	407	390	420	406	3.71	cps
Lead	207-1	1567	1617	1556	1580	2.06	cps
Lead	208-1	7190	7018	6884	7031	2.18	cps
Lead	206-1	1845	1739	1789	1791	2.95	cps
Lithium	6-1	151357	152554	154144	152685	0.92	cps
Magnesium	24-2	19982	19247	19281	19503	2.13	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:50:38	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	457	400	437	431	6.67	cps
Molybdenum	94-1	5235	5101	5718	5351	6.07	cps
Molybdenum	95-1	6594	6969	7110	6891	3.88	cps
Molybdenum	96-1	8094	7611	7694	7800	3.31	cps
Molybdenum	97-1	4584	3926	4443	4318	8.03	cps
Molybdenum	98-1	10897	10705	11447	11016	3.50	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	617	537	570	574	7.00	cps
Phosphorus	31-2	67	133	142	114	36.10	cps
Potassium	39-2	28923	29048	29799	29256	1.62	cps
Rhodium	103-1	2551382	2554143	2599358	2568295	1.05	cps
Rhodium	103-2	1866170	1840762	1838983	1848639	0.82	cps
Scandium	45-1	1513089	1536548	1562984	1537540	1.62	cps
Scandium	45-2	60841	61166	61206	61071	0.33	cps
Selenium	77-2	13	7	10	10	33.30	cps
Selenium	78-2	28	44	39	37	22.91	cps
Selenium	82-1	248	291	192	244	20.37	cps
Silicon	28-1	4991209	4989075	4989521	4989935	0.02	cps
Silver	109-1	3784	3876	3901	3854	1.59	cps
Silver	107-1	3792	4009	3834	3879	2.97	cps
Sodium	23-2	55300	57208	54815	55775	2.27	cps
Strontium	86-1	1358	1417	1559	1445	7.12	cps
Strontium	88-1	7086	7444	7194	7241	2.54	cps
Sulfur	34-1	275563	271682	278605	275283	1.26	cps
Terbium	159-1	3233196	3149625	3192232	3191684	1.31	cps
Terbium	159-2	2168235	2132208	2147209	2149217	0.84	cps
Thallium	203-1	2209	2067	1917	2064	7.07	cps
Thallium	205-1	4251	4634	5018	4634	8.27	cps
Tin	118-1	11088	10930	10763	10927	1.49	cps
Titanium	47-1	4468	4743	4901	4704	4.66	cps
Uranium	238-1	5452	5135	5268	5285	3.01	cps
Vanadium	51-2	3994	3947	3761	3901	3.17	cps
Yttrium	89-1	2859721	2825791	2895274	2860262	1.21	cps
Yttrium	89-2	416514	415290	416750	416185	0.19	cps
Zinc	66-2	480	470	497	482	2.79	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:50:38	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4109	4401	4751	4420	7.27	cps
Zirconium	91-1	1075	1142	1167	1128	4.20	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:54:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9681	9253	9368	9434	2.35	cps
Antimony	121-1	163254	162100	167397	164250	1.70	cps
Arsenic	75-1	50113	50217	51201	50510	1.19	cps
Barium	135-1	166832	169937	168393	168387	0.92	cps
Barium	137-1	287207	288883	289430	288507	0.40	cps
Beryllium	9-1	14244	14284	14197	14242	0.31	cps
Bismuth	209-1	1717777	1742890	1744836	1735168	0.87	cps
Bismuth	209-2	1485378	1455873	1457648	1466300	1.13	cps
Boron	11-1	8870	9103	9237	9070	2.05	cps
Boron	10-1	1675	1892	1642	1736	7.82	cps
Cadmium	106-1	6860	6735	6702	6766	1.23	cps
Cadmium	108-1	2759	2784	2967	2836	4.01	cps
Cadmium	111-1	40909	42028	40409	41115	2.02	cps
Calcium	43-1	38202	38319	38717	38413	0.70	cps
Calcium	44-1	628143	629044	631941	629709	0.32	cps
Chromium	52-2	52548	53348	53545	53147	0.99	cps
Cobalt	59-2	92766	91320	91877	91988	0.79	cps
Copper	63-2	149318	146883	144550	146917	1.62	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	0	33	11	173.21	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	17	0	20	12	87.67	cps
Holmium	165-1	3011538	3054512	3135904	3067318	2.06	cps
Holmium	165-2	2091660	2055990	2064553	2070734	0.90	cps
Indium	115-1	2642270	2666035	2692787	2667030	0.95	cps
Indium	115-2	555546	541554	545730	547610	1.31	cps
Iron	56-2	1958063	1966515	1958527	1961035	0.24	cps
Iron	57-2	47933	48357	47364	47885	1.04	cps
Krypton	83-1	453	377	403	411	9.47	cps
Lead	207-1	72333	70858	71775	71655	1.04	cps
Lead	208-1	318599	317172	320342	318704	0.50	cps
Lead	206-1	78856	78218	78570	78548	0.41	cps
Lithium	6-1	152918	153302	155304	153842	0.83	cps
Magnesium	24-2	197445	197104	200806	198452	1.03	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:54:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	39319	38640	38961	38973	0.87	cps
Molybdenum	94-1	278689	278488	278032	278403	0.12	cps
Molybdenum	95-1	346621	347958	344958	346512	0.43	cps
Molybdenum	96-1	379169	384356	381204	381577	0.68	cps
Molybdenum	97-1	214159	214243	210404	212935	1.03	cps
Molybdenum	98-1	556412	550419	552479	553104	0.55	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	26712	26870	26576	26719	0.55	cps
Phosphorus	31-2	1008	1008	875	964	7.99	cps
Potassium	39-2	102471	101120	102396	101996	0.74	cps
Rhodium	103-1	2578839	2540789	2604461	2574696	1.24	cps
Rhodium	103-2	1833847	1816477	1817490	1822605	0.53	cps
Scandium	45-1	1510325	1548215	1580913	1546484	2.28	cps
Scandium	45-2	60416	59847	59405	59889	0.85	cps
Selenium	77-2	77	93	90	87	10.18	cps
Selenium	78-2	313	324	285	307	6.52	cps
Selenium	82-1	2446	2734	2648	2609	5.66	cps
Silicon	28-1	5060330	5106298	5042972	5069867	0.65	cps
Silver	109-1	170890	169489	172195	170858	0.79	cps
Silver	107-1	178402	176543	179033	177992	0.73	cps
Sodium	23-2	512909	502103	502848	505953	1.19	cps
Strontium	86-1	45769	44507	44532	44936	1.61	cps
Strontium	88-1	392288	384119	381857	386088	1.42	cps
Sulfur	34-1	284775	284416	282223	283804	0.49	cps
Terbium	159-1	3107297	3239460	3287060	3211272	2.90	cps
Terbium	159-2	2148689	2103611	2142519	2131607	1.15	cps
Thallium	203-1	100227	99430	98052	99236	1.11	cps
Thallium	205-1	236127	235435	233038	234866	0.69	cps
Tin	118-1	108228	107758	109069	108352	0.61	cps
Titanium	47-1	88706	88010	89359	88692	0.76	cps
Uranium	238-1	280330	279643	279083	279685	0.22	cps
Vanadium	51-2	38062	38089	38212	38121	0.21	cps
Yttrium	89-1	2886345	2884524	2926462	2899110	0.82	cps
Yttrium	89-2	419784	406393	412092	412756	1.63	cps
Zinc	66-2	20612	20769	21587	20989	2.49	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:54:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	234515	229761	233319	232532	1.06	cps
Zirconium	91-1	53507	51490	52277	52424	1.94	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 10:58:27 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22689	23012	22522	22741	1.10	cps
Antimony	121-1	414843	418537	421729	418370	0.82	cps
Arsenic	75-1	126031	126443	127631	126702	0.66	cps
Barium	135-1	421336	429297	425924	425519	0.94	cps
Barium	137-1	733427	746111	726534	735357	1.35	cps
Beryllium	9-1	36760	37178	37302	37080	0.77	cps
Bismuth	209-1	1771477	1780493	1776047	1776005	0.25	cps
Bismuth	209-2	1495038	1519713	1489258	1501336	1.08	cps
Boron	11-1	23687	22777	22769	23078	2.29	cps
Boron	10-1	4184	4793	4543	4506	6.79	cps
Cadmium	106-1	12798	12865	12590	12751	1.13	cps
Cadmium	108-1	7227	6910	7223	7120	2.55	cps
Cadmium	111-1	100792	100137	100669	100533	0.35	cps
Calcium	43-1	93810	92851	93632	93431	0.55	cps
Calcium	44-1	1560505	1534929	1533232	1542889	0.99	cps
Chromium	52-2	130094	132116	134367	132193	1.62	cps
Cobalt	59-2	226578	226738	217236	223517	2.43	cps
Copper	63-2	366123	361201	343482	356935	3.34	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	50	8	25	28	75.51	cps
Gadolinium	160-2	13	20	17	17	20.01	cps
Holmium	165-1	3080061	3107505	3079338	3088968	0.52	cps
Holmium	165-2	2133481	2171091	2083653	2129408	2.06	cps
Indium	115-1	2683873	2656710	2726077	2688887	1.30	cps
Indium	115-2	548594	552034	564667	555098	1.52	cps
Iron	56-2	4747898	4754919	4631946	4711588	1.47	cps
Iron	57-2	118746	117944	114386	117025	1.98	cps
Krypton	83-1	437	387	427	417	6.35	cps
Lead	207-1	182882	180884	182837	182201	0.63	cps
Lead	208-1	818605	815532	816928	817022	0.19	cps
Lead	206-1	202809	200735	200870	201471	0.58	cps
Lithium	6-1	156899	157423	158530	157618	0.53	cps
Magnesium	24-2	487837	487116	480571	485175	0.83	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:58:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	94883	95580	93879	94781	0.90	cps
Molybdenum	94-1	700577	706510	706674	704587	0.49	cps
Molybdenum	95-1	871907	875103	881531	876180	0.56	cps
Molybdenum	96-1	964168	972720	973293	970060	0.53	cps
Molybdenum	97-1	533558	542288	537841	537896	0.81	cps
Molybdenum	98-1	1410865	1434288	1421173	1422109	0.83	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	65828	65564	61560	64317	3.72	cps
Phosphorus	31-2	2234	2592	2667	2498	9.27	cps
Potassium	39-2	233186	233143	228954	231761	1.05	cps
Rhodium	103-1	2581470	2570019	2600863	2584117	0.60	cps
Rhodium	103-2	1854693	1837001	1936639	1876111	2.83	cps
Scandium	45-1	1547801	1530108	1514735	1530881	1.08	cps
Scandium	45-2	59703	60245	57449	59132	2.51	cps
Selenium	77-2	197	247	267	237	15.23	cps
Selenium	78-2	780	832	717	776	7.41	cps
Selenium	82-1	6537	6669	6691	6632	1.26	cps
Silicon	28-1	5127057	5150854	5181623	5153178	0.53	cps
Silver	109-1	433380	428201	429943	430508	0.61	cps
Silver	107-1	451627	447083	453361	450690	0.72	cps
Sodium	23-2	1251399	1254358	1226817	1244191	1.22	cps
Strontium	86-1	113158	113731	111302	112730	1.13	cps
Strontium	88-1	977831	976868	959984	971561	1.03	cps
Sulfur	34-1	296509	294389	295284	295394	0.36	cps
Terbium	159-1	3271617	3306989	3257869	3278825	0.77	cps
Terbium	159-2	2186721	2175237	2140553	2167503	1.11	cps
Thallium	203-1	252982	255253	257278	255171	0.84	cps
Thallium	205-1	596754	607947	607597	604099	1.05	cps
Tin	118-1	273346	271350	275389	273362	0.74	cps
Titanium	47-1	219605	214691	215824	216707	1.19	cps
Uranium	238-1	731034	734205	728677	731305	0.38	cps
Vanadium	51-2	92956	93670	96208	94278	1.81	cps
Yttrium	89-1	2892370	2891374	2890843	2891529	0.03	cps
Yttrium	89-2	417571	414079	430075	420575	2.00	cps
Zinc	66-2	53423	53155	53259	53279	0.25	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 10:58:27	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	581245	586318	582625	583396	0.45	cps
Zirconium	91-1	128958	130582	130665	130068	0.74	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:02:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46098	46123	45657	45959	0.57	cps
Antimony	121-1	839961	861627	872356	857981	1.92	cps
Arsenic	75-1	258143	258721	260446	259103	0.46	cps
Barium	135-1	858512	872922	881432	870956	1.33	cps
Barium	137-1	1513981	1536859	1567304	1539382	1.74	cps
Beryllium	9-1	74636	74639	74843	74706	0.16	cps
Bismuth	209-1	1832159	1799235	1806706	1812700	0.95	cps
Bismuth	209-2	1509457	1529463	1518838	1519253	0.66	cps
Boron	11-1	46753	46510	46752	46672	0.30	cps
Boron	10-1	8895	8861	8711	8822	1.11	cps
Cadmium	106-1	22645	22327	23304	22759	2.19	cps
Cadmium	108-1	14541	15067	14537	14715	2.07	cps
Cadmium	111-1	204604	200877	203487	202989	0.94	cps
Calcium	43-1	185637	187011	186825	186491	0.40	cps
Calcium	44-1	3034782	3040665	3043505	3039651	0.15	cps
Chromium	52-2	263797	264932	261767	263499	0.61	cps
Cobalt	59-2	455232	453815	456782	455276	0.33	cps
Copper	63-2	725251	726560	734688	728833	0.70	cps
Dysprosium	156-1	25	50	8	28	75.51	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	0	25	19	89.21	cps
Gadolinium	160-2	13	23	23	20	28.87	cps
Holmium	165-1	3211982	3180042	3200749	3197591	0.51	cps
Holmium	165-2	2184707	2188518	2188287	2187171	0.10	cps
Indium	115-1	2804976	2733132	2741837	2759982	1.42	cps
Indium	115-2	546089	548633	548236	547653	0.25	cps
Iron	56-2	9503890	9481639	9585825	9523785	0.58	cps
Iron	57-2	238427	237807	238803	238346	0.21	cps
Krypton	83-1	457	360	393	403	12.17	cps
Lead	207-1	376045	372890	374532	374489	0.42	cps
Lead	208-1	1675064	1672164	1679308	1675512	0.21	cps
Lead	206-1	410839	414740	413738	413106	0.49	cps
Lithium	6-1	162350	159193	158185	159909	1.36	cps
Magnesium	24-2	971739	970619	973780	972046	0.16	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:02:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	191176	192500	193690	192455	0.65	cps
Molybdenum	94-1	1446814	1457795	1451067	1451892	0.38	cps
Molybdenum	95-1	1797392	1820326	1825630	1814449	0.83	cps
Molybdenum	96-1	2007980	1995553	2011825	2005119	0.42	cps
Molybdenum	97-1	1089999	1101328	1094062	1095130	0.52	cps
Molybdenum	98-1	2845301	2901539	2860007	2868949	1.02	cps
Neodymium	150-1	67	53	27	49	41.66	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	130501	130784	131672	130986	0.47	cps
Phosphorus	31-2	5160	4976	4818	4984	3.43	cps
Potassium	39-2	456898	453231	451240	453790	0.63	cps
Rhodium	103-1	2673575	2602308	2598023	2624635	1.62	cps
Rhodium	103-2	1845415	1838103	1834834	1839451	0.29	cps
Scandium	45-1	1598602	1556481	1554417	1569833	1.59	cps
Scandium	45-2	57819	58531	58387	58246	0.65	cps
Selenium	77-2	483	453	523	487	7.22	cps
Selenium	78-2	1522	1596	1624	1581	3.33	cps
Selenium	82-1	13463	13537	13480	13493	0.29	cps
Silicon	28-1	5334782	5374699	5318028	5342503	0.54	cps
Silver	109-1	878703	881378	884532	881538	0.33	cps
Silver	107-1	909728	914163	920972	914954	0.62	cps
Sodium	23-2	2467262	2468398	2409113	2448258	1.38	cps
Strontium	86-1	222547	227254	229355	226385	1.54	cps
Strontium	88-1	1999985	1968722	2042461	2003723	1.85	cps
Sulfur	34-1	302143	300910	295429	299494	1.19	cps
Terbium	159-1	3422882	3407016	3357545	3395814	1.00	cps
Terbium	159-2	2195049	2238018	2219066	2217378	0.97	cps
Thallium	203-1	518113	519310	531528	522984	1.42	cps
Thallium	205-1	1252303	1241665	1240785	1244918	0.51	cps
Tin	118-1	551251	559060	564310	558207	1.18	cps
Titanium	47-1	434810	438593	435546	436316	0.46	cps
Uranium	238-1	1482090	1532633	1526138	1513620	1.82	cps
Vanadium	51-2	191979	191957	189828	191255	0.65	cps
Yttrium	89-1	3046452	2939613	2934660	2973575	2.12	cps
Yttrium	89-2	414642	419354	422030	418675	0.89	cps
Zinc	66-2	104204	104973	105225	104801	0.51	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:02:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1192615	1194785	1206394	1197931	0.62	cps
Zirconium	91-1	264206	270303	266590	267033	1.15	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:06:05 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91197	90930	91295	91140	0.21	cps
Antimony	121-1	1751702	1791530	1780866	1774699	1.16	cps
Arsenic	75-1	516657	520510	515950	517706	0.47	cps
Barium	135-1	1775379	1815133	1775461	1788658	1.28	cps
Barium	137-1	3034018	3151446	3072139	3085867	1.94	cps
Beryllium	9-1	146143	146941	144651	145912	0.80	cps
Bismuth	209-1	1802313	1480987	1678413	1653904	9.80	cps
Bismuth	209-2	1508865	1498676	1502230	1503257	0.34	cps
Boron	11-1	89722	91644	91449	90938	1.16	cps
Boron	10-1	16794	17612	17745	17383	2.96	cps
Cadmium	106-1	43463	42301	42995	42919	1.36	cps
Cadmium	108-1	28292	28585	28301	28393	0.59	cps
Cadmium	111-1	404965	406388	402860	404738	0.44	cps
Calcium	43-1	367921	374594	372675	371730	0.92	cps
Calcium	44-1	5936937	6015565	5972979	5975160	0.66	cps
Chromium	52-2	522801	521482	515947	520077	0.70	cps
Cobalt	59-2	898679	901867	898199	899582	0.22	cps
Copper	63-2	1445905	1444423	1436108	1442146	0.37	cps
Dysprosium	156-1	67	67	33	56	34.65	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	25	17	42	28	45.82	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	3150114	2612397	3023243	2928585	9.60	cps
Holmium	165-2	2198747	2191553	2194032	2194777	0.17	cps
Indium	115-1	2717850	2229183	2601240	2516091	10.14	cps
Indium	115-2	550918	547131	551067	549705	0.41	cps
Iron	56-2	18707401	18989182	18495867	18730817	1.32	cps
Iron	57-2	470493	471100	467581	469724	0.40	cps
Krypton	83-1	407	440	440	429	4.49	cps
Lead	207-1	740329	751109	745442	745627	0.72	cps
Lead	208-1	3341504	3383969	3355872	3360448	0.64	cps
Lead	206-1	819041	826654	822988	822894	0.46	cps
Lithium	6-1	157164	132576	149856	146532	8.62	cps
Magnesium	24-2	1974968	1952921	1922003	1949964	1.36	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:06:05	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	384270	382923	377655	381616	0.92	cps
Molybdenum	94-1	2893887	2926860	2866778	2895841	1.04	cps
Molybdenum	95-1	3576553	3602102	3607520	3595392	0.46	cps
Molybdenum	96-1	3975260	3965040	3996742	3979014	0.41	cps
Molybdenum	97-1	2232456	2260585	2267833	2253624	0.83	cps
Molybdenum	98-1	5668245	5768267	5771232	5735915	1.02	cps
Neodymium	150-1	87	107	67	87	23.08	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	258141	259344	258599	258695	0.23	cps
Phosphorus	31-2	10121	9712	9979	9937	2.09	cps
Potassium	39-2	907751	899676	894896	900774	0.72	cps
Rhodium	103-1	2566760	2119618	2445121	2377166	9.73	cps
Rhodium	103-2	1835807	1817513	1846369	1833230	0.80	cps
Scandium	45-1	1569445	1275662	1477745	1440951	10.43	cps
Scandium	45-2	60490	60627	60613	60577	0.12	cps
Selenium	77-2	927	827	947	900	7.14	cps
Selenium	78-2	3226	3086	3115	3142	2.36	cps
Selenium	82-1	26192	26715	26523	26477	1.00	cps
Silicon	28-1	5607076	5703024	5623096	5644399	0.91	cps
Silver	109-1	1734255	1769893	1768796	1757648	1.15	cps
Silver	107-1	1850669	1871749	1883061	1868493	0.88	cps
Sodium	23-2	4793271	4782008	4741877	4772385	0.57	cps
Strontium	86-1	458643	465039	449781	457821	1.67	cps
Strontium	88-1	4015985	4019858	3947697	3994513	1.02	cps
Sulfur	34-1	319610	320453	312016	317360	1.46	cps
Terbium	159-1	3402313	2749724	3191075	3114370	10.69	cps
Terbium	159-2	2240866	2211050	2221355	2224424	0.68	cps
Thallium	203-1	1031954	1046813	1041801	1040189	0.73	cps
Thallium	205-1	2464223	2507360	2493123	2488235	0.88	cps
Tin	118-1	1121957	1152327	1139965	1138083	1.34	cps
Titanium	47-1	855703	873817	867786	865769	1.07	cps
Uranium	238-1	3045177	3096892	3099699	3080589	1.00	cps
Vanadium	51-2	383386	383205	377820	381470	0.83	cps
Yttrium	89-1	3020036	2470566	2803256	2764619	10.01	cps
Yttrium	89-2	421792	418575	425014	421794	0.76	cps
Zinc	66-2	203467	203060	202204	202910	0.32	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:06:05	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2436102	2508235	2457101	2467146	1.50	cps
Zirconium	91-1	533104	539994	539405	537501	0.71	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:09:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182331	182882	179878	181697	0.88	cps
Antimony	121-1	3473308	3418541	3458064	3449971	0.82	cps
Arsenic	75-1	1026268	1022318	1024734	1024440	0.19	cps
Barium	135-1	3548189	3505607	3522275	3525357	0.61	cps
Barium	137-1	6029335	6015417	6059767	6034840	0.38	cps
Beryllium	9-1	283022	282108	276995	280709	1.16	cps
Bismuth	209-1	1778096	1767209	1764063	1769789	0.42	cps
Bismuth	209-2	1477358	1493029	1469121	1479836	0.82	cps
Boron	11-1	178102	179065	179858	179009	0.49	cps
Boron	10-1	35144	32981	33298	33808	3.46	cps
Cadmium	106-1	82947	83157	84113	83406	0.75	cps
Cadmium	108-1	55953	55995	56234	56061	0.27	cps
Cadmium	111-1	794921	795085	793213	794407	0.13	cps
Calcium	43-1	736257	735010	742524	737930	0.55	cps
Calcium	44-1	11756718	11804478	11961057	11840751	0.90	cps
Chromium	52-2	1041730	1048938	1040290	1043653	0.44	cps
Cobalt	59-2	1798623	1769579	1804950	1791050	1.05	cps
Copper	63-2	2873020	2865717	2865657	2868132	0.15	cps
Dysprosium	156-1	83	50	92	75	29.40	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Gadolinium	160-2	20	37	23	27	33.08	cps
Holmium	165-1	3240077	3185041	3184045	3203054	1.00	cps
Holmium	165-2	2197882	2197026	2178631	2191180	0.50	cps
Indium	115-1	2717913	2719397	2709149	2715486	0.20	cps
Indium	115-2	543201	544305	537159	541555	0.71	cps
Iron	56-2	37295708	37781030	37513069	37529936	0.65	cps
Iron	57-2	941123	945993	938804	941973	0.39	cps
Krypton	83-1	437	390	393	407	6.40	cps
Lead	207-1	1458026	1452062	1441566	1450551	0.57	cps
Lead	208-1	6601623	6549418	6515063	6555368	0.66	cps
Lead	206-1	1632644	1626562	1613772	1624326	0.59	cps
Lithium	6-1	153417	153788	151162	152789	0.93	cps
Magnesium	24-2	3807621	3794723	3805257	3802534	0.18	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:09:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	767375	770752	764687	767605	0.40	cps
Molybdenum	94-1	5737795	5755603	5694625	5729341	0.55	cps
Molybdenum	95-1	7197074	7114567	7118349	7143330	0.65	cps
Molybdenum	96-1	7857263	7808891	7869661	7845272	0.41	cps
Molybdenum	97-1	4404608	4447157	4403972	4418579	0.56	cps
Molybdenum	98-1	11315881	11163539	11351880	11277100	0.89	cps
Neodymium	150-1	133	107	147	129	15.80	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	510623	511114	510293	510677	0.08	cps
Phosphorus	31-2	19831	20040	19998	19956	0.55	cps
Potassium	39-2	1818412	1810627	1790818	1806619	0.79	cps
Rhodium	103-1	2558917	2570467	2570667	2566684	0.26	cps
Rhodium	103-2	1838637	1819599	1802854	1820363	0.98	cps
Scandium	45-1	1577779	1579271	1571511	1576187	0.26	cps
Scandium	45-2	61484	62007	60323	61271	1.41	cps
Selenium	77-2	1843	1740	1733	1772	3.48	cps
Selenium	78-2	6146	6063	6324	6177	2.16	cps
Selenium	82-1	52828	53656	53150	53211	0.78	cps
Silicon	28-1	6143565	6229163	6231192	6201307	0.81	cps
Silver	109-1	3456605	3490582	3453136	3466774	0.60	cps
Silver	107-1	3684342	3673861	3678643	3678949	0.14	cps
Sodium	23-2	9452441	9413172	9366972	9410862	0.45	cps
Strontium	86-1	908815	920395	912306	913839	0.65	cps
Strontium	88-1	7933226	7908452	7896122	7912600	0.24	cps
Sulfur	34-1	398810	395163	401215	398396	0.76	cps
Terbium	159-1	3404494	3384337	3399646	3396159	0.31	cps
Terbium	159-2	2198880	2231354	2187074	2205770	1.04	cps
Thallium	203-1	2083107	2064806	2081315	2076410	0.49	cps
Thallium	205-1	4844020	4858093	4811583	4837899	0.49	cps
Tin	118-1	2247588	2246000	2245888	2246492	0.04	cps
Titanium	47-1	1749881	1749490	1757289	1752220	0.25	cps
Uranium	238-1	5984751	5921351	5914424	5940175	0.65	cps
Vanadium	51-2	765187	769405	762367	765653	0.46	cps
Yttrium	89-1	3017313	3002749	2969027	2996363	0.83	cps
Yttrium	89-2	427306	424345	421308	424320	0.71	cps
Zinc	66-2	400540	402574	402693	401936	0.30	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:09:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4862411	4822861	4752557	4812610	1.16	cps
Zirconium	91-1	1066959	1083749	1069099	1073269	0.85	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:13:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	992635	990577	994290	992501	0.19	cps
Antimony	121-1	4001	3784	3584	3790	5.50	cps
Arsenic	75-1	1845	1909	1916	1890	2.06	cps
Barium	135-1	567	658	433	553	20.47	cps
Barium	137-1	983	883	750	872	13.42	cps
Beryllium	9-1	70	60	63	64	7.90	cps
Bismuth	209-1	1558673	1547431	1542547	1549550	0.53	cps
Bismuth	209-2	1355576	1347033	1336071	1346226	0.73	cps
Boron	11-1	3309	3200	2634	3048	11.90	cps
Boron	10-1	533	625	517	558	10.45	cps
Cadmium	106-1	2784	2600	2642	2675	3.59	cps
Cadmium	108-1	21	17	17	18	13.30	cps
Cadmium	111-1	2005	1884	1888	1925	3.58	cps
Calcium	43-1	3677115	3693533	3653107	3674585	0.55	cps
Calcium	44-1	59358547	59940041	59405266	59567951	0.54	cps
Chromium	52-2	8146	7936	7766	7949	2.40	cps
Cobalt	59-2	21503	21296	21684	21495	0.90	cps
Copper	63-2	5955	5935	5821	5904	1.22	cps
Dysprosium	156-1	8	75	25	36	96.08	cps
Dysprosium	156-2	7	17	23	16	53.90	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	100	50	50	67	43.31	cps
Gadolinium	160-2	30	20	30	27	21.65	cps
Holmium	165-1	3021356	2963250	2985266	2989957	0.98	cps
Holmium	165-2	2107875	2069017	2081340	2086077	0.95	cps
Indium	115-1	2580943	2544101	2567193	2564079	0.73	cps
Indium	115-2	538106	533850	539093	537017	0.52	cps
Iron	56-2	193288988	193500215	192554815	193114673	0.26	cps
Iron	57-2	4762897	4726728	4741454	4743693	0.38	cps
Krypton	83-1	460	443	377	427	10.34	cps
Lead	207-1	2528	2623	2517	2556	2.27	cps
Lead	208-1	11864	11814	12153	11943	1.53	cps
Lead	206-1	3034	3039	3062	3045	0.48	cps
Lithium	6-1	145980	145692	147226	146299	0.56	cps
Magnesium	24-2	19386964	19604066	19485177	19492069	0.56	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:13:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3114	2880	3057	3017	4.03	cps
Molybdenum	94-1	2817	2892	2709	2806	3.29	cps
Molybdenum	95-1	4293	4293	4234	4273	0.79	cps
Molybdenum	96-1	5243	4651	4968	4954	5.98	cps
Molybdenum	97-1	2567	2442	2417	2475	3.25	cps
Molybdenum	98-1	6110	6093	6110	6104	0.16	cps
Neodymium	150-1	67	40	80	62	32.73	cps
Neodymium	150-2	23	50	23	32	47.79	cps
Nickel	60-2	6335	6108	6725	6389	4.88	cps
Phosphorus	31-2	33	33	58	42	34.65	cps
Potassium	39-2	9433719	9460010	9480254	9457995	0.25	cps
Rhodium	103-1	2397947	2372324	2398066	2389446	0.62	cps
Rhodium	103-2	1692198	1722043	1721914	1712052	1.00	cps
Scandium	45-1	1523140	1544903	1516262	1528102	0.98	cps
Scandium	45-2	61518	61350	60811	61226	0.60	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	9	11	9	32.69	cps
Selenium	82-1	-24	-36	43	-6	-749.79	cps
Silicon	28-1	5421828	5381741	5440447	5414672	0.55	cps
Silver	109-1	725	567	617	636	12.72	cps
Silver	107-1	700	833	683	739	11.13	cps
Sodium	23-2	48528195	48781152	48658735	48656027	0.26	cps
Strontium	86-1	4476	4526	4076	4359	5.66	cps
Strontium	88-1	32440	33826	32641	32969	2.27	cps
Sulfur	34-1	237074	239241	242803	239706	1.21	cps
Terbium	159-1	3241889	3180697	3115979	3179522	1.98	cps
Terbium	159-2	2119477	2117975	2144851	2127434	0.71	cps
Thallium	203-1	275	275	233	261	9.21	cps
Thallium	205-1	792	683	642	706	10.97	cps
Tin	118-1	1534	1558	1350	1481	7.68	cps
Titanium	47-1	3075	3134	3392	3201	5.27	cps
Uranium	238-1	400	392	250	347	24.28	cps
Vanadium	51-2	167	167	163	166	1.16	cps
Yttrium	89-1	2861030	2834330	2871050	2855470	0.66	cps
Yttrium	89-2	422846	424044	422564	423152	0.19	cps
Zinc	66-2	3857	3761	3831	3816	1.31	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:13:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1350	1383	1317	1350	2.47	cps
Zirconium	91-1	400	350	242	331	24.49	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:19:19 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5968	5813	5965	5915	1.50	cps
Antimony	121-1	615638	617840	625775	619751	0.86	cps
Arsenic	75-1	193768	194905	196010	194894	0.58	cps
Barium	135-1	63470	63939	63395	63601	0.46	cps
Barium	137-1	109686	111719	108812	110072	1.36	cps
Beryllium	9-1	27697	27056	27460	27404	1.18	cps
Bismuth	209-1	1590676	1589624	1632768	1604356	1.53	cps
Bismuth	209-2	1408792	1413799	1392999	1405197	0.77	cps
Boron	11-1	1542	1475	1342	1453	7.01	cps
Boron	10-1	175	267	283	242	24.14	cps
Cadmium	106-1	8720	8837	9395	8984	4.02	cps
Cadmium	108-1	4913	4834	4863	4870	0.82	cps
Cadmium	111-1	74472	75250	75713	75145	0.83	cps
Calcium	43-1	15923	16446	16847	16405	2.83	cps
Calcium	44-1	265796	268412	266255	266821	0.52	cps
Chromium	52-2	104443	104684	104157	104428	0.25	cps
Cobalt	59-2	183646	184656	185170	184491	0.42	cps
Copper	63-2	150987	152625	151179	151597	0.59	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	50	25	31	56.77	cps
Erbium	164-2	13	23	7	14	58.06	cps
Gadolinium	160-1	25	8	25	19	49.50	cps
Gadolinium	160-2	3	20	17	13	66.16	cps
Holmium	165-1	2881418	2924299	2980320	2928679	1.69	cps
Holmium	165-2	2068553	2090291	2057170	2072005	0.81	cps
Indium	115-1	2650005	2603918	2665543	2639822	1.21	cps
Indium	115-2	550121	554188	560328	554879	0.93	cps
Iron	56-2	778747	783720	777796	780088	0.41	cps
Iron	57-2	19848	19570	19731	19716	0.71	cps
Krypton	83-1	447	387	357	397	11.55	cps
Lead	207-1	256368	260724	258084	258392	0.85	cps
Lead	208-1	1177235	1189135	1185507	1183959	0.52	cps
Lead	206-1	297950	297519	301903	299124	0.81	cps
Lithium	6-1	151917	151308	152261	151829	0.32	cps
Magnesium	24-2	48852	49161	48233	48749	0.97	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:19:19	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	38393	38102	38640	38378	0.70	cps
Molybdenum	94-1	125	158	150	144	12.01	cps
Molybdenum	95-1	75	92	83	83	10.00	cps
Molybdenum	96-1	167	208	117	164	28.00	cps
Molybdenum	97-1	25	92	50	56	60.62	cps
Molybdenum	98-1	175	200	208	194	8.92	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	52532	54098	52817	53149	1.57	cps
Phosphorus	31-2	33	67	33	44	43.31	cps
Potassium	39-2	89668	86591	87857	88039	1.76	cps
Rhodium	103-1	2501971	2502490	2535397	2513286	0.76	cps
Rhodium	103-2	1839337	1852299	1867752	1853130	0.77	cps
Scandium	45-1	1556753	1538558	1554526	1549946	0.64	cps
Scandium	45-2	63014	63218	61922	62718	1.11	cps
Selenium	77-2	313	460	367	380	19.54	cps
Selenium	78-2	1350	1293	1478	1374	6.90	cps
Selenium	82-1	9972	10352	10243	10189	1.92	cps
Silicon	28-1	5362255	5317518	5379319	5353031	0.60	cps
Silver	109-1	325456	327241	329180	327292	0.57	cps
Silver	107-1	339138	336355	343120	339537	1.00	cps
Sodium	23-2	220415	219662	219137	219738	0.29	cps
Strontium	86-1	2417	2592	2842	2617	8.16	cps
Strontium	88-1	18113	17045	17679	17612	3.05	cps
Sulfur	34-1	245333	247419	241046	244599	1.33	cps
Terbium	159-1	3085941	3100723	3056999	3081221	0.72	cps
Terbium	159-2	2060948	2095980	2110808	2089245	1.23	cps
Thallium	203-1	377080	381834	378938	379284	0.63	cps
Thallium	205-1	889812	898666	892886	893788	0.50	cps
Tin	118-1	242	208	250	233	9.45	cps
Titanium	47-1	3467	3259	2942	3223	8.20	cps
Uranium	238-1	250	292	292	278	8.66	cps
Vanadium	51-2	76420	76434	76025	76293	0.30	cps
Yttrium	89-1	2854569	2866790	2817365	2846241	0.90	cps
Yttrium	89-2	421881	428490	424851	425074	0.78	cps
Zinc	66-2	41639	42081	41716	41812	0.56	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:19:19	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	342	208	208	253	30.45	cps
Zirconium	91-1	125	217	108	150	38.89	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:23:30 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	103	113	116	13.19	cps
Antimony	121-1	283	308	175	256	27.73	cps
Arsenic	75-1	442	489	536	489	9.62	cps
Barium	135-1	42	42	33	39	12.37	cps
Barium	137-1	33	58	33	42	34.65	cps
Beryllium	9-1	40	20	20	27	43.30	cps
Bismuth	209-1	1615301	1566027	1570208	1583846	1.73	cps
Bismuth	209-2	1379654	1397197	1353412	1376754	1.60	cps
Boron	11-1	1067	1042	1067	1058	1.36	cps
Boron	10-1	217	200	200	206	4.68	cps
Cadmium	106-1	2809	2617	2509	2645	5.75	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Cadmium	111-1	1969	1844	1760	1858	5.65	cps
Calcium	43-1	2097	2167	2020	2095	3.50	cps
Calcium	44-1	35665	35548	35498	35571	0.24	cps
Chromium	52-2	717	777	777	757	4.58	cps
Cobalt	59-2	20	43	53	39	43.98	cps
Copper	63-2	513	553	550	539	4.12	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	33	33	22	86.60	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	42	8	50	33	66.15	cps
Gadolinium	160-2	23	10	7	13	66.12	cps
Holmium	165-1	2881009	2863960	2880402	2875124	0.34	cps
Holmium	165-2	2009699	2038400	1983297	2010465	1.37	cps
Indium	115-1	2608450	2615352	2622670	2615491	0.27	cps
Indium	115-2	549201	549977	529703	542960	2.12	cps
Iron	56-2	2167	1761	1900	1943	10.61	cps
Iron	57-2	83	106	94	94	11.76	cps
Krypton	83-1	400	397	353	383	6.79	cps
Lead	207-1	411	589	467	489	18.60	cps
Lead	208-1	2106	2361	2150	2206	6.19	cps
Lead	206-1	572	528	522	541	5.07	cps
Lithium	6-1	149250	148132	147931	148438	0.48	cps
Magnesium	24-2	158	158	133	150	9.62	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:23:30 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3	27	13	14	81.07	cps
Molybdenum	94-1	75	92	83	83	10.00	cps
Molybdenum	95-1	42	67	75	61	28.38	cps
Molybdenum	96-1	108	58	92	86	29.56	cps
Molybdenum	97-1	50	17	42	36	48.03	cps
Molybdenum	98-1	100	67	67	78	24.74	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	33	23	24	34.31	cps
Phosphorus	31-2	67	42	33	47	36.74	cps
Potassium	39-2	13082	12673	13265	13007	2.33	cps
Rhodium	103-1	2516840	2492693	2511947	2507160	0.51	cps
Rhodium	103-2	1841280	1810984	1782720	1811661	1.62	cps
Scandium	45-1	1533922	1512040	1555068	1533677	1.40	cps
Scandium	45-2	61320	62569	60697	61529	1.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	7	4	6	34.70	cps
Selenium	82-1	-17	10	39	10	269.67	cps
Silicon	28-1	5302963	5283424	5290924	5292437	0.19	cps
Silver	109-1	408	442	283	378	22.10	cps
Silver	107-1	383	375	425	394	6.79	cps
Sodium	23-2	18471	17553	18046	18023	2.55	cps
Strontium	86-1	675	575	600	617	8.44	cps
Strontium	88-1	50	67	42	53	24.12	cps
Sulfur	34-1	242971	239944	240351	241089	0.68	cps
Terbium	159-1	3044688	3062333	3066932	3057984	0.38	cps
Terbium	159-2	2042989	2093482	2015644	2050705	1.93	cps
Thallium	203-1	133	158	167	153	11.36	cps
Thallium	205-1	400	325	408	378	12.15	cps
Tin	118-1	150	192	225	189	19.89	cps
Titanium	47-1	2834	3134	2967	2978	5.05	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	27	33	23	28	18.33	cps
Yttrium	89-1	2805286	2795695	2804167	2801716	0.19	cps
Yttrium	89-2	419135	423624	405821	416193	2.22	cps
Zinc	66-2	140	177	140	152	13.91	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:23:30	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	217	242	242	233	6.19	cps
Zirconium	91-1	58	50	58	56	8.67	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:27:03 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	887587	880359	874508	880818	0.74	cps
Antimony	121-1	4351	4668	4201	4406	5.41	cps
Arsenic	75-1	2252	2294	2220	2255	1.66	cps
Barium	135-1	1000	1000	975	992	1.46	cps
Barium	137-1	1809	1817	1800	1809	0.46	cps
Beryllium	9-1	123	107	163	131	22.21	cps
Bismuth	209-1	1646529	1572607	1646059	1621732	2.62	cps
Bismuth	209-2	1345550	1374113	1389936	1369866	1.64	cps
Boron	11-1	1225	992	1108	1108	10.53	cps
Boron	10-1	258	167	225	217	21.42	cps
Cadmium	106-1	2525	2350	2700	2525	6.93	cps
Cadmium	108-1	375	513	483	457	15.86	cps
Cadmium	111-1	1976	1924	2089	1997	4.24	cps
Calcium	43-1	719004	723141	724283	722142	0.38	cps
Calcium	44-1	11684416	11827147	11686451	11732671	0.70	cps
Chromium	52-2	22979	22375	22826	22726	1.38	cps
Cobalt	59-2	2274	2230	2227	2244	1.16	cps
Copper	63-2	12542	13016	12659	12739	1.94	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	23	13	30	22	37.76	cps
Gadolinium	160-1	42	17	17	25	57.73	cps
Gadolinium	160-2	33	13	30	26	41.94	cps
Holmium	165-1	3102339	2997611	3065243	3055064	1.74	cps
Holmium	165-2	2044732	2070463	2055277	2056824	0.63	cps
Indium	115-1	2689386	2594803	2654194	2646128	1.81	cps
Indium	115-2	535181	541322	541436	539313	0.66	cps
Iron	56-2	77517446	77001288	76216688	76911807	0.85	cps
Iron	57-2	1958921	1964669	1946435	1956675	0.48	cps
Krypton	83-1	393	437	437	422	5.92	cps
Lead	207-1	6191	6419	6563	6391	2.94	cps
Lead	208-1	29375	30226	29681	29761	1.45	cps
Lead	206-1	8014	8136	7486	7879	4.39	cps
Lithium	6-1	146220	144980	145980	145727	0.45	cps
Magnesium	24-2	3985535	4001105	3980037	3988892	0.27	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:27:03 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3317	3054	3214	3195	4.15	cps
Molybdenum	94-1	1573649	1582474	1605174	1587099	1.02	cps
Molybdenum	95-1	2800689	2854329	2844656	2833225	1.01	cps
Molybdenum	96-1	2975490	2993060	3028181	2998910	0.89	cps
Molybdenum	97-1	1723999	1739983	1739538	1734507	0.52	cps
Molybdenum	98-1	4387651	4440133	4484507	4437431	1.09	cps
Neodymium	150-1	0	20	40	20	100.00	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	2890	2927	2874	2897	0.94	cps
Phosphorus	31-2	105609	102738	104953	104433	1.44	cps
Potassium	39-2	3721033	3749639	3792677	3754450	0.96	cps
Rhodium	103-1	2515216	2484431	2485418	2495022	0.70	cps
Rhodium	103-2	1755828	1789331	1772166	1772441	0.95	cps
Scandium	45-1	1561469	1518724	1526304	1535499	1.49	cps
Scandium	45-2	59104	59854	59897	59618	0.75	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	9	6	6	66.68	cps
Selenium	82-1	25	-45	-87	-36	-158.72	cps
Silicon	28-1	5342604	5355148	5327698	5341817	0.26	cps
Silver	109-1	1850	1959	1825	1878	3.78	cps
Silver	107-1	2042	1959	2200	2067	5.94	cps
Sodium	23-2	10075279	9949071	9920969	9981773	0.82	cps
Strontium	86-1	31295	31295	31713	31434	0.77	cps
Strontium	88-1	265849	268637	269112	267866	0.66	cps
Sulfur	34-1	1217770	1230692	1202432	1216965	1.16	cps
Terbium	159-1	3262521	3175425	3199168	3212371	1.40	cps
Terbium	159-2	2104118	2099304	2155715	2119712	1.48	cps
Thallium	203-1	483	308	283	358	30.41	cps
Thallium	205-1	1067	817	575	820	30.00	cps
Tin	118-1	533	617	517	556	9.64	cps
Titanium	47-1	699622	700282	701207	700370	0.11	cps
Uranium	238-1	133	125	58	106	38.94	cps
Vanadium	51-2	170	150	150	157	7.37	cps
Yttrium	89-1	2937639	2856182	2900606	2898143	1.41	cps
Yttrium	89-2	414210	414185	414355	414250	0.02	cps
Zinc	66-2	2817	2724	2570	2704	4.61	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:27:03	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	258	358	308	308	16.22	cps
Zirconium	91-1	83	150	117	117	28.57	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:30:29 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	870660	869489	862276	867475	0.52	cps
Antimony	121-1	70880	71567	70236	70894	0.94	cps
Arsenic	75-1	22499	21484	22201	22062	2.36	cps
Barium	135-1	14751	15143	14701	14865	1.63	cps
Barium	137-1	25651	26469	25977	26032	1.58	cps
Beryllium	9-1	5805	5698	5678	5727	1.19	cps
Bismuth	209-1	1586146	1643252	1650048	1626482	2.16	cps
Bismuth	209-2	1386411	1374245	1379720	1380125	0.44	cps
Boron	11-1	9387	10312	9779	9826	4.73	cps
Boron	10-1	1992	1800	1650	1814	9.44	cps
Cadmium	106-1	4418	4676	4201	4432	5.37	cps
Cadmium	108-1	1688	1683	1521	1631	5.83	cps
Cadmium	111-1	17575	18121	17056	17584	3.03	cps
Calcium	43-1	719884	720898	721204	720662	0.10	cps
Calcium	44-1	11636447	11761447	11671706	11689867	0.55	cps
Chromium	52-2	43668	43344	42662	43224	1.19	cps
Cobalt	59-2	39282	38948	39332	39188	0.53	cps
Copper	63-2	41983	42502	41171	41885	1.60	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	42	25	66.68	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	13	23	13	17	34.65	cps
Holmium	165-1	2989322	3073574	3056587	3039828	1.47	cps
Holmium	165-2	2059244	2074416	2042023	2058561	0.79	cps
Indium	115-1	2590660	2655432	2633782	2626624	1.26	cps
Indium	115-2	539685	536692	536541	537639	0.33	cps
Iron	56-2	76261646	75802013	76334438	76132699	0.38	cps
Iron	57-2	1955867	1920335	1931348	1935850	0.94	cps
Krypton	83-1	363	383	443	397	10.50	cps
Lead	207-1	33545	34397	34408	34117	1.45	cps
Lead	208-1	153364	157178	157216	155919	1.42	cps
Lead	206-1	40264	40777	40844	40629	0.78	cps
Lithium	6-1	143235	144812	145351	144466	0.76	cps
Magnesium	24-2	3961663	3944575	3919102	3941780	0.54	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:30:29	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10734	10961	10397	10698	2.65	cps
Molybdenum	94-1	1717067	1710781	1687118	1704989	0.93	cps
Molybdenum	95-1	2909520	2923438	2859208	2897389	1.17	cps
Molybdenum	96-1	3091044	3087985	3067052	3082027	0.42	cps
Molybdenum	97-1	1787495	1796655	1777703	1787284	0.53	cps
Molybdenum	98-1	4527731	4549689	4542817	4540079	0.25	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	13200	13313	13403	13305	0.77	cps
Phosphorus	31-2	101262	101294	103098	101885	1.03	cps
Potassium	39-2	3693434	3705695	3712496	3703875	0.26	cps
Rhodium	103-1	2399292	2450946	2451534	2433924	1.23	cps
Rhodium	103-2	1799021	1769204	1763625	1777283	1.07	cps
Scandium	45-1	1513863	1535560	1531795	1527073	0.76	cps
Scandium	45-2	61253	59853	59937	60348	1.30	cps
Selenium	77-2	30	30	33	31	6.18	cps
Selenium	78-2	159	135	130	141	11.14	cps
Selenium	82-1	1140	1090	969	1066	8.25	cps
Silicon	28-1	5404963	5479543	5471638	5452048	0.75	cps
Silver	109-1	66364	65904	66757	66342	0.64	cps
Silver	107-1	69161	69396	72051	70203	2.29	cps
Sodium	23-2	10007017	9906966	9919537	9944507	0.55	cps
Strontium	86-1	73792	72476	74378	73548	1.32	cps
Strontium	88-1	635163	639438	636074	636892	0.35	cps
Sulfur	34-1	1205716	1198818	1203778	1202771	0.30	cps
Terbium	159-1	3145976	3227562	3241713	3205084	1.61	cps
Terbium	159-2	2120599	2102175	2112136	2111637	0.44	cps
Thallium	203-1	41110	40375	41026	40837	0.99	cps
Thallium	205-1	94930	93788	95458	94725	0.90	cps
Tin	118-1	105095	105884	106329	105769	0.59	cps
Titanium	47-1	715223	713637	718931	715930	0.38	cps
Uranium	238-1	274932	273412	275650	274665	0.42	cps
Vanadium	51-2	15963	15512	15496	15657	1.69	cps
Yttrium	89-1	2846238	2886317	2897086	2876547	0.93	cps
Yttrium	89-2	415702	413056	415457	414738	0.35	cps
Zinc	66-2	6702	6445	6402	6516	2.49	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:30:29	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	228930	231455	230065	230150	0.55	cps
Zirconium	91-1	51792	52051	51382	51742	0.65	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:33:55	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	513473	508526	516543	512847	0.79	cps
Antimony	121-1	1647024	1656829	1650076	1651310	0.30	cps
Arsenic	75-1	485126	488652	484455	486078	0.46	cps
Barium	135-1	1661047	1681606	1661940	1668198	0.70	cps
Barium	137-1	2881927	2900491	2862785	2881734	0.65	cps
Beryllium	9-1	135645	137557	137725	136975	0.84	cps
Bismuth	209-1	1645213	1590538	1657309	1631020	2.18	cps
Bismuth	209-2	1363463	1357832	1385936	1369077	1.09	cps
Boron	11-1	85211	87702	88474	87129	1.96	cps
Boron	10-1	15693	16727	17812	16744	6.33	cps
Cadmium	106-1	40111	39518	40662	40097	1.43	cps
Cadmium	108-1	26506	26301	26915	26574	1.18	cps
Cadmium	111-1	370542	373102	371884	371843	0.34	cps
Calcium	43-1	1762629	1770428	1754501	1762519	0.45	cps
Calcium	44-1	28387877	28197201	28346380	28310486	0.35	cps
Chromium	52-2	510365	511002	512556	511308	0.22	cps
Cobalt	59-2	871830	875556	878477	875288	0.38	cps
Copper	63-2	1345513	1352128	1352996	1350212	0.30	cps
Dysprosium	156-1	83	50	67	67	25.00	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	25	0	33	19	89.21	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	58	25	25	36	53.30	cps
Gadolinium	160-2	17	20	30	22	31.22	cps
Holmium	165-1	3085311	3007199	3111508	3068006	1.77	cps
Holmium	165-2	2075206	2042095	2143072	2086791	2.47	cps
Indium	115-1	2604446	2545878	2695827	2615383	2.89	cps
Indium	115-2	529936	531424	541798	534386	1.21	cps
Iron	56-2	93360335	93689255	93277999	93442530	0.23	cps
Iron	57-2	2340684	2376230	2343745	2353553	0.84	cps
Krypton	83-1	400	387	363	383	4.84	cps
Lead	207-1	657224	666070	669070	664122	0.93	cps
Lead	208-1	2976355	2983843	2999020	2986406	0.39	cps
Lead	206-1	735800	744396	746945	742380	0.79	cps
Lithium	6-1	146792	147012	150224	148009	1.30	cps
Magnesium	24-2	9304651	9348782	9397989	9350474	0.50	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:33:55	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	379358	377695	377200	378084	0.30	cps
Molybdenum	94-1	2742693	2775600	2765151	2761148	0.61	cps
Molybdenum	95-1	3427670	3414282	3473538	3438497	0.90	cps
Molybdenum	96-1	3768390	3754855	3775532	3766259	0.28	cps
Molybdenum	97-1	2117548	2131874	2140224	2129882	0.54	cps
Molybdenum	98-1	5455074	5482546	5408324	5448648	0.69	cps
Neodymium	150-1	60	60	60	60	0.00	cps
Neodymium	150-2	20	23	20	21	9.11	cps
Nickel	60-2	245521	248809	247616	247315	0.67	cps
Phosphorus	31-2	9620	10121	10087	9943	2.81	cps
Potassium	39-2	4595410	4547960	4580474	4574615	0.53	cps
Rhodium	103-1	2473359	2391798	2478292	2447816	1.98	cps
Rhodium	103-2	1734148	1752995	1772139	1753094	1.08	cps
Scandium	45-1	1548662	1504645	1576637	1543314	2.35	cps
Scandium	45-2	61601	60627	62830	61686	1.79	cps
Selenium	77-2	937	933	930	933	0.36	cps
Selenium	78-2	2952	2936	3056	2981	2.19	cps
Selenium	82-1	25221	24852	25040	25038	0.74	cps
Silicon	28-1	5983316	5931589	5973084	5962663	0.46	cps
Silver	109-1	1604648	1582739	1598348	1595245	0.71	cps
Silver	107-1	1733631	1689183	1689973	1704263	1.49	cps
Sodium	23-2	23429803	23678544	23316991	23475113	0.79	cps
Strontium	86-1	436686	431677	434821	434395	0.58	cps
Strontium	88-1	3764636	3768433	3774794	3769288	0.14	cps
Sulfur	34-1	321668	319982	320465	320705	0.27	cps
Terbium	159-1	3276971	3173874	3298957	3249934	2.05	cps
Terbium	159-2	2097219	2114350	2103135	2104901	0.41	cps
Thallium	203-1	943793	937489	946616	942633	0.50	cps
Thallium	205-1	2231913	2266846	2259112	2252623	0.81	cps
Tin	118-1	1049958	1052385	1061143	1054495	0.56	cps
Titanium	47-1	826251	836305	831978	831511	0.61	cps
Uranium	238-1	2774238	2803718	2761738	2779898	0.78	cps
Vanadium	51-2	379512	376953	379620	378695	0.40	cps
Yttrium	89-1	2893006	2810145	2960781	2887977	2.61	cps
Yttrium	89-2	417029	412653	422392	417358	1.17	cps
Zinc	66-2	195949	192556	194433	194313	0.87	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:33:55	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2338784	2324003	2327061	2329949	0.33	cps
Zirconium	91-1	504458	509498	509869	507942	0.59	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P8
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:37:16 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98	113	138	116	17.44	cps
Antimony	121-1	525	383	417	442	16.77	cps
Arsenic	75-1	490	533	510	511	4.21	cps
Barium	135-1	42	67	92	67	37.50	cps
Barium	137-1	125	83	167	125	33.33	cps
Beryllium	9-1	37	30	30	32	11.95	cps
Bismuth	209-1	1677403	1709080	1694911	1693798	0.94	cps
Bismuth	209-2	1406858	1405527	1412076	1408154	0.25	cps
Boron	11-1	1734	1442	1342	1506	13.52	cps
Boron	10-1	317	383	250	317	21.05	cps
Cadmium	106-1	2734	2709	2467	2636	5.59	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Cadmium	111-1	1922	1911	1730	1854	5.80	cps
Calcium	43-1	1887	1954	2014	1951	3.25	cps
Calcium	44-1	35786	35796	37092	36225	2.07	cps
Chromium	52-2	753	640	700	698	8.13	cps
Cobalt	59-2	37	67	77	60	34.69	cps
Copper	63-2	943	857	857	886	5.65	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	50	58	33	47	26.97	cps
Gadolinium	160-2	23	17	3	14	70.51	cps
Holmium	165-1	3042367	3014461	3062487	3039772	0.79	cps
Holmium	165-2	2055220	2035352	2043244	2044605	0.49	cps
Indium	115-1	2712315	2673082	2645108	2676835	1.26	cps
Indium	115-2	545669	546929	550923	547840	0.50	cps
Iron	56-2	4751	5907	7697	6118	24.26	cps
Iron	57-2	122	139	261	174	43.56	cps
Krypton	83-1	367	397	373	379	4.16	cps
Lead	207-1	761	744	883	796	9.52	cps
Lead	208-1	3945	3506	3795	3748	5.95	cps
Lead	206-1	1089	883	922	965	11.32	cps
Lithium	6-1	155044	153700	153179	153974	0.63	cps
Magnesium	24-2	183	358	667	403	60.76	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:37:16	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	30	37	31	16.37	cps
Molybdenum	94-1	208	142	408	253	54.90	cps
Molybdenum	95-1	258	242	283	261	8.03	cps
Molybdenum	96-1	192	417	458	356	40.35	cps
Molybdenum	97-1	100	133	217	150	40.06	cps
Molybdenum	98-1	458	383	575	472	20.45	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	23	43	37	34	29.57	cps
Phosphorus	31-2	25	50	33	36	35.25	cps
Potassium	39-2	14291	14391	14950	14544	2.44	cps
Rhodium	103-1	2593150	2575929	2582974	2584018	0.34	cps
Rhodium	103-2	1854494	1848044	1844422	1848987	0.28	cps
Scandium	45-1	1567984	1547626	1588204	1567938	1.29	cps
Scandium	45-2	60436	60865	61661	60987	1.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	9	15	10	36.70	cps
Selenium	82-1	48	2	14	22	110.86	cps
Silicon	28-1	5458831	5464812	5473474	5465706	0.13	cps
Silver	109-1	408	333	467	403	16.60	cps
Silver	107-1	467	425	517	469	9.78	cps
Sodium	23-2	22969	23837	23529	23445	1.88	cps
Strontium	86-1	642	558	583	594	7.19	cps
Strontium	88-1	100	108	317	175	70.14	cps
Sulfur	34-1	226641	225479	228534	226885	0.68	cps
Terbium	159-1	3200863	3187033	3237692	3208530	0.82	cps
Terbium	159-2	2080226	2073949	2103862	2086012	0.76	cps
Thallium	203-1	233	317	250	267	16.54	cps
Thallium	205-1	658	592	925	725	24.33	cps
Tin	118-1	275	192	350	272	29.10	cps
Titanium	47-1	2792	2817	3042	2884	4.78	cps
Uranium	238-1	92	42	108	81	43.07	cps
Vanadium	51-2	30	20	43	31	37.62	cps
Yttrium	89-1	2912011	2910180	2937516	2919903	0.52	cps
Yttrium	89-2	413441	415963	417281	415561	0.47	cps
Zinc	66-2	177	127	130	144	19.35	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:37:16	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	375	225	292	297	25.29	cps
Zirconium	91-1	67	50	83	67	25.00	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:40:48	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	295	305	305	302	1.91	cps
Antimony	121-1	6052	6302	6177	6177	2.02	cps
Arsenic	75-1	1387	1450	1320	1386	4.69	cps
Barium	135-1	6560	6410	6727	6566	2.41	cps
Barium	137-1	11447	10930	11464	11280	2.69	cps
Beryllium	9-1	263	357	283	301	16.32	cps
Bismuth	209-1	1642913	1623633	1670175	1645574	1.42	cps
Bismuth	209-2	1393446	1398899	1388785	1393710	0.36	cps
Boron	11-1	4718	5268	5551	5179	8.19	cps
Boron	10-1	1150	917	975	1014	11.98	cps
Cadmium	106-1	2609	2767	2750	2709	3.21	cps
Cadmium	108-1	58	75	92	75	22.22	cps
Cadmium	111-1	2594	2635	2611	2613	0.78	cps
Calcium	43-1	5478	5458	5471	5469	0.19	cps
Calcium	44-1	89898	91099	89962	90320	0.75	cps
Chromium	52-2	2727	2714	2880	2774	3.34	cps
Cobalt	59-2	1907	1887	1790	1861	3.35	cps
Copper	63-2	3727	3294	3697	3573	6.77	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	33	33	25	31	15.76	cps
Gadolinium	160-2	17	13	17	16	12.40	cps
Holmium	165-1	2953022	2938697	2943517	2945079	0.25	cps
Holmium	165-2	2074988	2035931	2019770	2043563	1.39	cps
Indium	115-1	2587276	2659116	2639743	2628712	1.41	cps
Indium	115-2	541851	542591	538012	540818	0.45	cps
Iron	56-2	43546	42967	44221	43578	1.44	cps
Iron	57-2	1056	1233	1106	1132	8.10	cps
Krypton	83-1	347	427	383	386	10.39	cps
Lead	207-1	1895	1934	1995	1941	2.60	cps
Lead	208-1	8668	8607	8952	8742	2.10	cps
Lead	206-1	2167	1972	2195	2111	5.74	cps
Lithium	6-1	148438	149237	151493	149723	1.06	cps
Magnesium	24-2	20173	19973	20299	20148	0.82	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:40:48	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	503	407	427	446	11.45	cps
Molybdenum	94-1	5660	5843	5343	5615	4.51	cps
Molybdenum	95-1	6919	6802	6910	6877	0.95	cps
Molybdenum	96-1	7186	7794	7427	7469	4.10	cps
Molybdenum	97-1	4159	4351	3884	4131	5.68	cps
Molybdenum	98-1	11155	11505	10738	11133	3.45	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	547	613	607	589	6.23	cps
Phosphorus	31-2	117	150	92	119	24.50	cps
Potassium	39-2	31277	30793	31036	31035	0.78	cps
Rhodium	103-1	2486763	2541187	2484780	2504243	1.28	cps
Rhodium	103-2	1801845	1835708	1837139	1824897	1.09	cps
Scandium	45-1	1499454	1502635	1507229	1503106	0.26	cps
Scandium	45-2	61179	60747	60777	60901	0.40	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	44	43	54	47	12.69	cps
Selenium	82-1	316	224	277	272	17.01	cps
Silicon	28-1	5380486	5419389	5474940	5424938	0.88	cps
Silver	109-1	3817	4218	3626	3887	7.77	cps
Silver	107-1	3959	3567	3867	3798	5.40	cps
Sodium	23-2	70668	69085	67344	69032	2.41	cps
Strontium	86-1	1500	1333	1467	1433	6.15	cps
Strontium	88-1	7577	7336	7569	7494	1.83	cps
Sulfur	34-1	236811	237664	234930	236468	0.59	cps
Terbium	159-1	3113364	3133634	3105829	3117609	0.46	cps
Terbium	159-2	2078028	2018108	2067159	2054432	1.55	cps
Thallium	203-1	2059	2067	1784	1970	8.19	cps
Thallium	205-1	4893	4809	4826	4843	0.91	cps
Tin	118-1	10997	10621	10880	10833	1.77	cps
Titanium	47-1	4559	4634	4476	4556	1.74	cps
Uranium	238-1	4709	5476	5160	5115	7.53	cps
Vanadium	51-2	3861	3807	3817	3828	0.74	cps
Yttrium	89-1	2801178	2813437	2829311	2814642	0.50	cps
Yttrium	89-2	410234	410537	410443	410405	0.04	cps
Zinc	66-2	840	607	610	686	19.51	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:40:48	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4626	4509	4659	4598	1.71	cps
Zirconium	91-1	1092	1058	783	978	17.31	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BL	Instrumnet Name :	P8
Client Sample ID :	PB118616BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:44:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	103	100	104	4.99	cps
Antimony	121-1	92	167	117	125	30.55	cps
Arsenic	75-1	450	444	396	430	6.95	cps
Barium	135-1	8	17	8	11	43.34	cps
Barium	137-1	108	33	50	64	61.64	cps
Beryllium	9-1	13	13	27	18	43.33	cps
Bismuth	209-1	1695809	1693612	1687936	1692452	0.24	cps
Bismuth	209-2	1353666	1381048	1388058	1374257	1.32	cps
Boron	11-1	775	817	758	783	3.84	cps
Boron	10-1	75	142	142	119	32.23	cps
Cadmium	106-1	2450	2434	2442	2442	0.34	cps
Cadmium	108-1	17	8	0	8	100.02	cps
Cadmium	111-1	1708	1702	1714	1708	0.34	cps
Calcium	43-1	1940	2124	1960	2008	5.01	cps
Calcium	44-1	34533	34696	34352	34527	0.50	cps
Chromium	52-2	627	653	667	649	3.14	cps
Cobalt	59-2	27	30	33	30	11.10	cps
Copper	63-2	513	517	453	494	7.21	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	0	25	8	173.21	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	3012533	3028356	2963952	3001614	1.12	cps
Holmium	165-2	1983200	2034423	1997475	2005033	1.32	cps
Indium	115-1	2659273	2724933	2600435	2661547	2.34	cps
Indium	115-2	536963	535927	535665	536185	0.13	cps
Iron	56-2	1111	1045	1189	1115	6.49	cps
Iron	57-2	61	78	44	61	27.27	cps
Krypton	83-1	413	340	500	418	19.17	cps
Lead	207-1	544	467	461	491	9.49	cps
Lead	208-1	2167	2250	1922	2113	8.06	cps
Lead	206-1	511	583	489	528	9.36	cps
Lithium	6-1	150567	150456	150933	150652	0.17	cps
Magnesium	24-2	92	92	142	108	26.65	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BL	Instrumnet Name :	P8
Client Sample ID :	PB118616BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:44:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	20	20	16	49.47	cps
Molybdenum	94-1	142	108	100	117	18.89	cps
Molybdenum	95-1	133	67	25	75	72.86	cps
Molybdenum	96-1	75	67	42	61	28.38	cps
Molybdenum	97-1	42	25	33	33	25.01	cps
Molybdenum	98-1	50	83	83	72	26.65	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	23	7	13	14	58.06	cps
Phosphorus	31-2	50	42	25	39	32.73	cps
Potassium	39-2	12923	12614	13649	13062	4.07	cps
Rhodium	103-1	2553336	2558528	2510462	2540775	1.04	cps
Rhodium	103-2	1817962	1803392	1784535	1801963	0.93	cps
Scandium	45-1	1514119	1537775	1528055	1526649	0.78	cps
Scandium	45-2	61146	59623	59773	60181	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	7	7	9	34.60	cps
Selenium	82-1	3	55	-147	-30	-352.72	cps
Silicon	28-1	5411332	5361598	5341197	5371376	0.67	cps
Silver	109-1	225	300	125	217	40.52	cps
Silver	107-1	217	317	233	256	20.96	cps
Sodium	23-2	18221	17453	17470	17714	2.48	cps
Strontium	86-1	617	625	608	617	1.35	cps
Strontium	88-1	42	67	42	50	28.87	cps
Sulfur	34-1	241054	236250	238049	238451	1.02	cps
Terbium	159-1	3191302	3181120	3153470	3175297	0.62	cps
Terbium	159-2	2057680	2033256	2050825	2047254	0.62	cps
Thallium	203-1	300	200	275	258	20.15	cps
Thallium	205-1	525	517	583	542	6.71	cps
Tin	118-1	208	183	208	200	7.22	cps
Titanium	47-1	2859	2675	3000	2845	5.73	cps
Uranium	238-1	50	17	25	31	56.77	cps
Vanadium	51-2	30	20	13	21	39.75	cps
Yttrium	89-1	2859920	2884780	2853184	2865961	0.58	cps
Yttrium	89-2	409252	406677	408379	408103	0.32	cps
Zinc	66-2	130	110	93	111	16.52	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BL	Instrumnet Name :	P8
Client Sample ID :	PB118616BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:44:20	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	217	233	225	225	3.70	cps
Zirconium	91-1	25	125	100	83	62.45	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BS	Instrumnet Name :	P8
Client Sample ID :	PB118616BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:47:51	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92485	92327	91924	92245	0.31	cps
Antimony	121-1	1700760	1670942	1705766	1692490	1.11	cps
Arsenic	75-1	492376	497790	499405	496524	0.74	cps
Barium	135-1	1698595	1711949	1733296	1714613	1.02	cps
Barium	137-1	2925273	2914905	2949365	2929848	0.60	cps
Beryllium	9-1	138701	140330	140595	139875	0.73	cps
Bismuth	209-1	1687569	1725608	1646586	1686588	2.34	cps
Bismuth	209-2	1378328	1402168	1423861	1401452	1.63	cps
Boron	11-1	87962	88783	89403	88716	0.82	cps
Boron	10-1	17136	17077	16694	16969	1.42	cps
Cadmium	106-1	41340	41189	42794	41774	2.12	cps
Cadmium	108-1	27107	27098	27578	27261	1.01	cps
Cadmium	111-1	385701	382805	386990	385165	0.56	cps
Calcium	43-1	357696	366743	366885	363775	1.45	cps
Calcium	44-1	5806022	5874909	5895827	5858919	0.80	cps
Chromium	52-2	520915	518344	517007	518755	0.38	cps
Cobalt	59-2	890421	884117	894680	889740	0.60	cps
Copper	63-2	1406924	1429337	1430287	1422183	0.93	cps
Dysprosium	156-1	50	83	33	56	45.83	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	20	7	0	9	114.55	cps
Gadolinium	160-1	25	42	17	28	45.82	cps
Gadolinium	160-2	20	20	13	18	21.66	cps
Holmium	165-1	3064845	3051316	3032108	3049423	0.54	cps
Holmium	165-2	2057798	2083369	2112271	2084480	1.31	cps
Indium	115-1	2653432	2636137	2635916	2641829	0.38	cps
Indium	115-2	532533	536708	544212	537817	1.10	cps
Iron	56-2	18780621	18248443	18666475	18565180	1.51	cps
Iron	57-2	465142	459141	465573	463286	0.78	cps
Krypton	83-1	347	457	420	408	13.73	cps
Lead	207-1	688817	692550	697671	693013	0.64	cps
Lead	208-1	3114480	3119704	3146143	3126776	0.54	cps
Lead	206-1	766518	766338	775538	769465	0.68	cps
Lithium	6-1	150836	153244	152587	152223	0.82	cps
Magnesium	24-2	1978725	2018915	1987874	1995171	1.06	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BS	Instrumnet Name :	P8
Client Sample ID :	PB118616BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:47:51	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	381554	376175	379872	379201	0.73	cps
Molybdenum	94-1	2786292	2772397	2827194	2795294	1.02	cps
Molybdenum	95-1	3494538	3439934	3538250	3490907	1.41	cps
Molybdenum	96-1	3832541	3804079	3826991	3821204	0.39	cps
Molybdenum	97-1	2141373	2147425	2165522	2151440	0.58	cps
Molybdenum	98-1	5474904	5410406	5482214	5455841	0.72	cps
Neodymium	150-1	53	107	113	91	36.09	cps
Neodymium	150-2	3	23	7	11	96.43	cps
Nickel	60-2	255499	255698	256851	256016	0.28	cps
Phosphorus	31-2	10154	10905	10629	10563	3.59	cps
Potassium	39-2	918787	920171	904065	914341	0.98	cps
Rhodium	103-1	2504712	2515784	2465655	2495384	1.06	cps
Rhodium	103-2	1755341	1800385	1819826	1791851	1.85	cps
Scandium	45-1	1562121	1564380	1546365	1557622	0.63	cps
Scandium	45-2	61079	61099	61199	61126	0.11	cps
Selenium	77-2	907	907	823	879	5.47	cps
Selenium	78-2	3080	2976	3158	3071	2.97	cps
Selenium	82-1	26079	25868	26190	26046	0.63	cps
Silicon	28-1	5865032	5952788	5928774	5915531	0.77	cps
Silver	109-1	1676859	1685204	1708513	1690192	0.97	cps
Silver	107-1	1801499	1813764	1795550	1803605	0.51	cps
Sodium	23-2	4893974	4876802	4910885	4893887	0.35	cps
Strontium	86-1	434731	437457	441831	438007	0.82	cps
Strontium	88-1	3818326	3835544	3909044	3854305	1.25	cps
Sulfur	34-1	328448	321209	319208	322955	1.51	cps
Terbium	159-1	3201887	3305924	3211169	3239660	1.78	cps
Terbium	159-2	2108487	2145721	2129745	2127984	0.88	cps
Thallium	203-1	977916	980012	992075	983334	0.78	cps
Thallium	205-1	2325961	2367197	2362110	2351756	0.96	cps
Tin	118-1	1077211	1073063	1086881	1079052	0.66	cps
Titanium	47-1	837125	854442	848426	846664	1.04	cps
Uranium	238-1	2786897	2832341	2828729	2815989	0.90	cps
Vanadium	51-2	385230	380580	378694	381502	0.88	cps
Yttrium	89-1	2879647	2904914	2894059	2892873	0.44	cps
Yttrium	89-2	416753	414941	417849	416514	0.35	cps
Zinc	66-2	202850	200331	202322	201834	0.66	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	PB118616BS	Instrumnet Name :	P8
Client Sample ID :	PB118616BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:47:51	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2318903	2374713	2385365	2359660	1.51	cps
Zirconium	91-1	510110	518432	517773	515438	0.90	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : K2229-01 Instrumnet Name : P8
 Client Sample ID : KITCHEN-FAUCET-DRA Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:51:16 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330	400	355	362	9.81	cps
Antimony	121-1	1042	925	942	970	6.51	cps
Arsenic	75-1	1006	1154	1052	1071	7.09	cps
Barium	135-1	47561	47620	48364	47848	0.94	cps
Barium	137-1	80352	82507	82273	81711	1.45	cps
Beryllium	9-1	47	13	30	30	55.57	cps
Bismuth	209-1	1578731	1583222	1602630	1588194	0.80	cps
Bismuth	209-2	1331197	1322450	1309106	1320918	0.84	cps
Boron	11-1	10779	10421	10596	10599	1.69	cps
Boron	10-1	1867	1892	1909	1889	1.11	cps
Cadmium	106-1	2317	2592	2492	2467	5.64	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Cadmium	111-1	1627	1831	1770	1743	6.01	cps
Calcium	43-1	322139	323753	326919	324270	0.75	cps
Calcium	44-1	5196662	5261450	5290430	5249514	0.91	cps
Chromium	52-2	3807	3814	3764	3795	0.72	cps
Cobalt	59-2	620	703	660	661	6.30	cps
Copper	63-2	94314	93871	95059	94415	0.64	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	30	20	7	19	61.96	cps
Holmium	165-1	2972167	2971654	2945938	2963253	0.51	cps
Holmium	165-2	1943143	1971203	1953524	1955957	0.73	cps
Indium	115-1	2607361	2568783	2587803	2587983	0.75	cps
Indium	115-2	525338	520678	523624	523213	0.45	cps
Iron	56-2	13373	13907	13896	13726	2.22	cps
Iron	57-2	422	444	433	433	2.56	cps
Krypton	83-1	450	400	333	394	14.84	cps
Lead	207-1	18937	18742	19299	18992	1.49	cps
Lead	208-1	88259	88172	89247	88559	0.67	cps
Lead	206-1	23149	22660	22765	22858	1.13	cps
Lithium	6-1	145809	146550	147727	146695	0.66	cps
Magnesium	24-2	350651	345862	344616	347043	0.92	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : K2229-01 Instrumnet Name : P8
 Client Sample ID : KITCHEN-FAUCET-DRA Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 11:51:16 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2640	2534	2510	2561	2.71	cps
Molybdenum	94-1	808	567	700	692	17.50	cps
Molybdenum	95-1	892	883	792	856	6.49	cps
Molybdenum	96-1	892	917	858	889	3.29	cps
Molybdenum	97-1	492	442	500	478	6.60	cps
Molybdenum	98-1	1408	1158	1142	1236	12.09	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	4107	3951	3947	4002	2.29	cps
Phosphorus	31-2	383	367	333	361	7.05	cps
Potassium	39-2	84109	83263	82986	83453	0.70	cps
Rhodium	103-1	2444219	2468605	2437791	2450205	0.66	cps
Rhodium	103-2	1725324	1739431	1742466	1735740	0.53	cps
Scandium	45-1	1507424	1496523	1507161	1503703	0.41	cps
Scandium	45-2	59934	58391	58374	58900	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	2	6	6	66.68	cps
Selenium	82-1	-62	7	85	10	732.25	cps
Silicon	28-1	7380715	7524726	7438822	7448088	0.97	cps
Silver	109-1	733	650	783	722	9.33	cps
Silver	107-1	650	717	567	644	11.66	cps
Sodium	23-2	13928029	13804831	13680381	13804414	0.90	cps
Strontium	86-1	132183	132185	135225	133198	1.32	cps
Strontium	88-1	1148956	1150211	1159488	1152885	0.50	cps
Sulfur	34-1	283055	285319	288507	285627	0.96	cps
Terbium	159-1	3208771	3106015	3143154	3152647	1.65	cps
Terbium	159-2	2028495	1962814	2024805	2005371	1.84	cps
Thallium	203-1	108	167	92	122	32.22	cps
Thallium	205-1	242	267	167	225	23.13	cps
Tin	118-1	467	317	383	389	19.33	cps
Titanium	47-1	2809	3034	3109	2984	5.23	cps
Uranium	238-1	883	808	708	800	10.97	cps
Vanadium	51-2	147	173	147	156	9.90	cps
Yttrium	89-1	2796737	2757845	2837044	2797209	1.42	cps
Yttrium	89-2	400940	397060	400746	399582	0.55	cps
Zinc	66-2	73440	73440	72689	73190	0.59	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2229-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-FAUCET-DRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:51:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	475	475	525	492	5.87	cps
Zirconium	91-1	242	167	133	181	30.73	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2237-01	Instrumnet Name :	P8
Client Sample ID :	390327738	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:54:47	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2116	2048	2141	2102	2.28	cps
Antimony	121-1	2192	2109	2217	2173	2.61	cps
Arsenic	75-1	2828	2709	2873	2803	3.02	cps
Barium	135-1	140112	141130	141989	141077	0.67	cps
Barium	137-1	242049	241234	244726	242670	0.75	cps
Beryllium	9-1	30	37	20	29	29.04	cps
Bismuth	209-1	1612770	1633168	1609810	1618583	0.79	cps
Bismuth	209-2	1333499	1334315	1333336	1333717	0.04	cps
Boron	11-1	41344	43191	44345	42960	3.52	cps
Boron	10-1	7911	8386	7594	7964	5.01	cps
Cadmium	106-1	2684	3084	3000	2923	7.22	cps
Cadmium	108-1	225	221	242	229	4.81	cps
Cadmium	111-1	2934	3079	3073	3029	2.72	cps
Calcium	43-1	133237	132984	133448	133223	0.17	cps
Calcium	44-1	2195218	2227483	2218501	2213734	0.75	cps
Chromium	52-2	2590	2527	2814	2644	5.70	cps
Cobalt	59-2	11442	11265	11158	11288	1.27	cps
Copper	63-2	15726725	15782907	15918201	15809278	0.62	cps
Dysprosium	156-1	25	42	75	47	53.92	cps
Dysprosium	156-2	20	13	10	14	35.26	cps
Erbium	164-1	108	17	92	72	67.61	cps
Erbium	164-2	27	27	47	33	34.64	cps
Gadolinium	160-1	17	25	108	50	101.38	cps
Gadolinium	160-2	27	50	47	41	30.69	cps
Holmium	165-1	2924707	2950591	2940667	2938655	0.44	cps
Holmium	165-2	1962039	2010594	1975824	1982819	1.26	cps
Indium	115-1	2603930	2607129	2635400	2615486	0.66	cps
Indium	115-2	528870	533773	528189	530277	0.57	cps
Iron	56-2	13286808	13388725	13369948	13348494	0.41	cps
Iron	57-2	333874	330750	331382	332002	0.50	cps
Krypton	83-1	370	367	417	384	7.27	cps
Lead	207-1	149202	151724	152434	151120	1.12	cps
Lead	208-1	694701	701883	708653	701746	0.99	cps
Lead	206-1	181328	181385	184286	182333	0.93	cps
Lithium	6-1	147021	149108	149208	148446	0.83	cps
Magnesium	24-2	306866	307735	305850	306817	0.31	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2237-01	Instrumnet Name :	P8
Client Sample ID :	390327738	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:54:47	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47514	48508	47959	47994	1.04	cps
Molybdenum	94-1	6052	5676	6185	5971	4.42	cps
Molybdenum	95-1	867	800	1050	906	14.30	cps
Molybdenum	96-1	1859	1750	2159	1922	11.01	cps
Molybdenum	97-1	575	558	508	547	6.34	cps
Molybdenum	98-1	1308	1600	1358	1422	10.97	cps
Neodymium	150-1	60	47	47	51	15.06	cps
Neodymium	150-2	20	13	30	21	39.75	cps
Nickel	60-2	21791	21520	21804	21705	0.74	cps
Phosphorus	31-2	3992	3809	4059	3954	3.28	cps
Potassium	39-2	114169	115118	113430	114239	0.74	cps
Rhodium	103-1	2447677	2444906	2464669	2452417	0.44	cps
Rhodium	103-2	1762617	1766550	1755995	1761721	0.30	cps
Scandium	45-1	1498098	1497767	1506956	1500940	0.35	cps
Scandium	45-2	59964	59991	59436	59797	0.52	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	4	6	7	66.14	cps
Selenium	82-1	73	32	-27	26	190.99	cps
Silicon	28-1	8712565	8786928	8801640	8767044	0.54	cps
Silver	109-1	1433	1433	1192	1353	10.31	cps
Silver	107-1	1500	1609	1350	1486	8.73	cps
Sodium	23-2	4906357	4874943	4861930	4881077	0.47	cps
Strontium	86-1	102258	101687	100436	101460	0.92	cps
Strontium	88-1	872935	870694	861988	868539	0.67	cps
Sulfur	34-1	293897	292077	291713	292563	0.40	cps
Terbium	159-1	3048771	3126440	3106511	3093907	1.30	cps
Terbium	159-2	2023534	2044185	2035522	2034414	0.51	cps
Thallium	203-1	67	108	50	75	40.06	cps
Thallium	205-1	300	192	200	231	26.15	cps
Tin	118-1	18764	19799	19732	19432	2.98	cps
Titanium	47-1	3251	3459	3901	3537	9.39	cps
Uranium	238-1	233	333	350	306	20.65	cps
Vanadium	51-2	337	280	327	314	9.62	cps
Yttrium	89-1	2816654	2785209	2780731	2794198	0.70	cps
Yttrium	89-2	404325	404264	405449	404679	0.16	cps
Zinc	66-2	2180806	2174161	2165451	2173473	0.35	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2237-01	Instrumnet Name :	P8
Client Sample ID :	390327738	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:54:47	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14901	15301	14409	14870	3.00	cps
Zirconium	91-1	3217	3559	3042	3273	8.03	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2238-01	Instrumnet Name :	P8
Client Sample ID :	390327739	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:58:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	878	1015	1043	979	9.04	cps
Antimony	121-1	625	783	750	720	11.60	cps
Arsenic	75-1	1813	1699	1937	1816	6.54	cps
Barium	135-1	80629	82188	81317	81378	0.96	cps
Barium	137-1	136459	141222	138774	138818	1.72	cps
Beryllium	9-1	37	30	33	33	10.01	cps
Bismuth	209-1	1579313	1582233	1565594	1575713	0.56	cps
Bismuth	209-2	1315115	1325925	1330970	1324003	0.61	cps
Boron	11-1	21434	22502	21367	21767	2.93	cps
Boron	10-1	3892	4159	4059	4037	3.34	cps
Cadmium	106-1	2284	2317	2625	2409	7.82	cps
Cadmium	108-1	88	88	79	85	5.68	cps
Cadmium	111-1	1941	2002	2303	2082	9.30	cps
Calcium	43-1	129813	130616	130529	130319	0.34	cps
Calcium	44-1	2150081	2157434	2165778	2157764	0.36	cps
Chromium	52-2	2647	2687	2550	2628	2.67	cps
Cobalt	59-2	4401	4237	4661	4433	4.82	cps
Copper	63-2	4353319	4403362	4316005	4357562	1.01	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	20	40	13	24	56.78	cps
Gadolinium	160-1	25	42	108	58	75.59	cps
Gadolinium	160-2	20	27	20	22	17.33	cps
Holmium	165-1	2883189	2903477	2900165	2895610	0.38	cps
Holmium	165-2	1941046	1976333	1953073	1956817	0.92	cps
Indium	115-1	2572597	2573557	2578739	2574964	0.13	cps
Indium	115-2	527069	527095	526444	526869	0.07	cps
Iron	56-2	6914900	6914759	6991452	6940370	0.64	cps
Iron	57-2	171859	173146	174074	173026	0.64	cps
Krypton	83-1	457	347	387	397	14.04	cps
Lead	207-1	62130	60645	62303	61693	1.48	cps
Lead	208-1	284871	284061	287052	285328	0.54	cps
Lead	206-1	73748	73825	75384	74319	1.24	cps
Lithium	6-1	144314	143607	145020	144314	0.49	cps
Magnesium	24-2	241858	238923	241451	240744	0.66	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2238-01	Instrumnet Name :	P8
Client Sample ID :	390327739	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:58:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22929	22669	22588	22729	0.78	cps
Molybdenum	94-1	2534	2567	2675	2592	2.86	cps
Molybdenum	95-1	508	433	475	472	7.96	cps
Molybdenum	96-1	1008	1058	950	1006	5.39	cps
Molybdenum	97-1	325	325	333	328	1.47	cps
Molybdenum	98-1	775	692	825	764	8.82	cps
Neodymium	150-1	40	27	60	42	39.73	cps
Neodymium	150-2	23	7	13	14	58.06	cps
Nickel	60-2	9307	9217	9253	9259	0.49	cps
Phosphorus	31-2	1767	2167	2267	2067	12.80	cps
Potassium	39-2	99945	101262	101992	101067	1.03	cps
Rhodium	103-1	2412806	2425821	2482119	2440249	1.51	cps
Rhodium	103-2	1755695	1779619	1768225	1767846	0.68	cps
Scandium	45-1	1468412	1493074	1511402	1490963	1.45	cps
Scandium	45-2	59418	60811	59532	59921	1.29	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	9	6	6	66.68	cps
Selenium	82-1	-76	60	44	9	819.01	cps
Silicon	28-1	8361287	8345829	8271004	8326040	0.58	cps
Silver	109-1	758	592	558	636	16.85	cps
Silver	107-1	508	533	533	525	2.75	cps
Sodium	23-2	6834074	6784229	6809343	6809216	0.37	cps
Strontium	86-1	84470	85434	86205	85370	1.02	cps
Strontium	88-1	726435	731200	739318	732318	0.89	cps
Sulfur	34-1	300416	300941	298943	300100	0.35	cps
Terbium	159-1	3047603	3040936	3069589	3052709	0.49	cps
Terbium	159-2	2022987	1993542	1993313	2003280	0.85	cps
Thallium	203-1	58	58	108	75	38.49	cps
Thallium	205-1	142	183	117	147	22.88	cps
Tin	118-1	7986	8103	8436	8175	2.86	cps
Titanium	47-1	3234	3351	3334	3306	1.91	cps
Uranium	238-1	225	150	100	158	39.73	cps
Vanadium	51-2	120	177	133	143	20.67	cps
Yttrium	89-1	2766043	2799717	2803133	2789631	0.73	cps
Yttrium	89-2	400263	406763	404420	403815	0.82	cps
Zinc	66-2	567613	562237	565986	565278	0.49	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2238-01	Instrumnet Name :	P8
Client Sample ID :	390327739	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 11:58:14	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6110	6911	6744	6588	6.41	cps
Zirconium	91-1	1717	1642	1542	1634	5.38	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:01:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	665	603	633	634	4.94	cps
Antimony	121-1	292	350	267	303	14.12	cps
Arsenic	75-1	648	614	810	691	15.12	cps
Barium	135-1	46458	46918	47093	46823	0.70	cps
Barium	137-1	79506	79037	79438	79327	0.32	cps
Beryllium	9-1	10	27	17	18	47.19	cps
Bismuth	209-1	1532044	1547433	1558340	1545939	0.85	cps
Bismuth	209-2	1311785	1314851	1320553	1315730	0.34	cps
Boron	11-1	7252	7377	6794	7141	4.30	cps
Boron	10-1	1383	1250	1583	1406	11.94	cps
Cadmium	106-1	2234	2425	2467	2375	5.24	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	1566	1704	1721	1664	5.12	cps
Calcium	43-1	269754	269956	272223	270644	0.51	cps
Calcium	44-1	4365895	4377177	4494268	4412447	1.61	cps
Chromium	52-2	2637	2630	2570	2613	1.41	cps
Cobalt	59-2	133	147	77	119	31.26	cps
Copper	63-2	173748	176766	172272	174262	1.31	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	13	10	23	16	44.60	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	13	7	27	16	65.47	cps
Gadolinium	160-1	58	58	83	67	21.65	cps
Gadolinium	160-2	10	17	23	17	39.99	cps
Holmium	165-1	2844636	2819843	2866307	2843595	0.82	cps
Holmium	165-2	1943520	1941436	1993127	1959361	1.49	cps
Indium	115-1	2543507	2534303	2584382	2554064	1.04	cps
Indium	115-2	522000	527139	528988	526042	0.69	cps
Iron	56-2	40582	40866	40816	40754	0.37	cps
Iron	57-2	1095	1217	989	1100	10.36	cps
Krypton	83-1	450	433	347	410	13.53	cps
Lead	207-1	872	900	911	895	2.24	cps
Lead	208-1	4362	4084	4223	4223	3.29	cps
Lead	206-1	1150	1128	1039	1106	5.32	cps
Lithium	6-1	140457	141199	143383	141680	1.07	cps
Magnesium	24-2	389154	387878	389570	388867	0.23	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:01:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2647	2890	2790	2776	4.41	cps
Molybdenum	94-1	475	350	492	439	17.64	cps
Molybdenum	95-1	592	733	608	644	12.02	cps
Molybdenum	96-1	775	733	683	731	6.28	cps
Molybdenum	97-1	392	392	442	408	7.07	cps
Molybdenum	98-1	1167	1200	1133	1167	2.86	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1037	1100	1210	1116	7.86	cps
Phosphorus	31-2	333	400	283	339	17.27	cps
Potassium	39-2	73794	72144	72772	72903	1.14	cps
Rhodium	103-1	2407965	2389516	2450417	2415966	1.29	cps
Rhodium	103-2	1760843	1773642	1777480	1770655	0.49	cps
Scandium	45-1	1497332	1467200	1499230	1487921	1.21	cps
Scandium	45-2	59716	59596	59438	59584	0.23	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	11	6	6	7	43.24	cps
Selenium	82-1	-2	-67	52	-5	-1084.52	cps
Silicon	28-1	10274545	10366324	10342774	10327881	0.46	cps
Silver	109-1	217	300	183	233	25.75	cps
Silver	107-1	242	208	250	233	9.45	cps
Sodium	23-2	3499082	3458069	3447609	3468253	0.78	cps
Strontium	86-1	145515	146419	149057	146997	1.25	cps
Strontium	88-1	1263245	1290996	1293161	1282467	1.30	cps
Sulfur	34-1	370913	372714	369624	371084	0.42	cps
Terbium	159-1	2990452	3011683	3042249	3014795	0.86	cps
Terbium	159-2	1992145	2000006	1998213	1996788	0.21	cps
Thallium	203-1	17	25	33	25	33.32	cps
Thallium	205-1	67	42	67	58	24.74	cps
Tin	118-1	433	383	392	403	6.65	cps
Titanium	47-1	3092	2742	3117	2984	7.03	cps
Uranium	238-1	1759	2042	1667	1822	10.73	cps
Vanadium	51-2	577	540	460	526	11.35	cps
Yttrium	89-1	2683276	2726789	2782230	2730765	1.82	cps
Yttrium	89-2	400861	401854	403971	402229	0.39	cps
Zinc	66-2	5011	4911	5214	5045	3.06	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:01:43	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	267	175	217	219	20.91	cps
Zirconium	91-1	58	92	92	81	23.89	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01DUP	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:05:14	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	623	580	630	611	4.41	cps
Antimony	121-1	292	308	308	303	3.18	cps
Arsenic	75-1	835	601	801	746	16.95	cps
Barium	135-1	45303	45546	45730	45527	0.47	cps
Barium	137-1	77151	76798	78860	77603	1.42	cps
Beryllium	9-1	23	17	20	20	16.65	cps
Bismuth	209-1	1529402	1532305	1566780	1542829	1.35	cps
Bismuth	209-2	1331025	1319119	1321974	1324039	0.47	cps
Boron	11-1	6585	7277	6869	6910	5.03	cps
Boron	10-1	1208	1417	1225	1283	9.02	cps
Cadmium	106-1	2584	2309	2542	2478	5.98	cps
Cadmium	108-1	25	4	8	13	88.19	cps
Cadmium	111-1	1816	1621	1799	1745	6.17	cps
Calcium	43-1	262563	264404	264824	263930	0.46	cps
Calcium	44-1	4162356	4356421	4309686	4276154	2.37	cps
Chromium	52-2	2174	2334	2310	2272	3.80	cps
Cobalt	59-2	110	107	107	108	1.78	cps
Copper	63-2	168782	170038	171729	170183	0.87	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	10	33	17	87.16	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	27	27	20	24	15.75	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	30	30	30	30	0.00	cps
Holmium	165-1	2868529	2853921	2900647	2874365	0.83	cps
Holmium	165-2	1996733	1958739	1939614	1965029	1.48	cps
Indium	115-1	2542439	2555388	2544958	2547595	0.27	cps
Indium	115-2	518133	516802	516234	517057	0.19	cps
Iron	56-2	37997	37729	39083	38270	1.87	cps
Iron	57-2	1045	939	1145	1043	9.86	cps
Krypton	83-1	343	407	383	378	8.48	cps
Lead	207-1	945	950	1050	982	6.05	cps
Lead	208-1	4395	4384	4539	4439	1.96	cps
Lead	206-1	1139	1217	1050	1135	7.35	cps
Lithium	6-1	141931	142413	142712	142352	0.28	cps
Magnesium	24-2	375992	378768	376424	377061	0.40	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01DUP	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:05:14	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2634	2634	2757	2675	2.66	cps
Molybdenum	94-1	492	425	425	447	8.61	cps
Molybdenum	95-1	800	592	742	711	15.11	cps
Molybdenum	96-1	667	717	683	689	3.70	cps
Molybdenum	97-1	425	317	342	361	15.71	cps
Molybdenum	98-1	983	1067	1108	1053	6.05	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	930	923	897	917	1.92	cps
Phosphorus	31-2	317	200	375	297	29.98	cps
Potassium	39-2	72084	72436	71850	72124	0.41	cps
Rhodium	103-1	2428253	2340682	2423280	2397405	2.05	cps
Rhodium	103-2	1731402	1724301	1723579	1726427	0.25	cps
Scandium	45-1	1460801	1472993	1482435	1472076	0.74	cps
Scandium	45-2	60249	59064	58233	59182	1.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	7	7	7	0.00	cps
Selenium	82-1	55	-26	31	20	208.80	cps
Silicon	28-1	10270904	10327862	10199672	10266146	0.63	cps
Silver	109-1	183	192	217	197	8.80	cps
Silver	107-1	358	275	275	303	15.89	cps
Sodium	23-2	3389988	3379066	3362827	3377293	0.40	cps
Strontium	86-1	144645	145233	144642	144840	0.23	cps
Strontium	88-1	1267842	1248583	1263830	1260085	0.81	cps
Sulfur	34-1	367610	365925	368265	367267	0.33	cps
Terbium	159-1	3019736	2975650	3089745	3028377	1.90	cps
Terbium	159-2	1999853	1973634	2007594	1993694	0.89	cps
Thallium	203-1	33	42	17	31	41.66	cps
Thallium	205-1	50	100	83	78	32.74	cps
Tin	118-1	425	383	425	411	5.85	cps
Titanium	47-1	2784	3000	3009	2931	4.35	cps
Uranium	238-1	1792	1692	1967	1817	7.66	cps
Vanadium	51-2	537	460	510	502	7.75	cps
Yttrium	89-1	2759837	2674385	2752816	2729013	1.74	cps
Yttrium	89-2	390644	397597	393069	393770	0.90	cps
Zinc	66-2	6648	6518	6348	6505	2.31	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01DUP	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:05:14	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	258	258	225	247	7.79	cps
Zirconium	91-1	92	75	42	69	36.66	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01LX5	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-08 12:08:45	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	260	195	223	15.12	cps
Antimony	121-1	75	117	83	92	24.06	cps
Arsenic	75-1	518	536	432	495	11.16	cps
Barium	135-1	9662	9095	9229	9329	3.18	cps
Barium	137-1	15551	15602	15919	15691	1.27	cps
Beryllium	9-1	23	13	17	18	28.64	cps
Bismuth	209-1	1660987	1673789	1634409	1656395	1.21	cps
Bismuth	209-2	1339568	1360923	1377822	1359438	1.41	cps
Boron	11-1	2159	1909	2259	2109	8.55	cps
Boron	10-1	383	408	342	378	8.92	cps
Cadmium	106-1	2500	2517	2217	2411	6.99	cps
Cadmium	108-1	0	13	4	6	114.53	cps
Cadmium	111-1	1767	1753	1561	1694	6.78	cps
Calcium	43-1	56506	55944	55516	55989	0.89	cps
Calcium	44-1	918787	907908	914226	913640	0.60	cps
Chromium	52-2	1107	1127	1037	1090	4.34	cps
Cobalt	59-2	43	37	47	42	12.06	cps
Copper	63-2	35034	35803	35385	35407	1.09	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	25	0	17	14	91.65	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	20	13	3	12	68.66	cps
Holmium	165-1	2921836	2957119	2922475	2933810	0.69	cps
Holmium	165-2	1973061	1985984	2047947	2002331	2.00	cps
Indium	115-1	2614294	2605432	2665969	2628565	1.24	cps
Indium	115-2	531492	536476	537288	535085	0.59	cps
Iron	56-2	8408	7914	8714	8345	4.84	cps
Iron	57-2	178	339	278	265	30.71	cps
Krypton	83-1	470	380	367	406	13.86	cps
Lead	207-1	422	472	444	446	5.61	cps
Lead	208-1	2172	1839	2100	2037	8.61	cps
Lead	206-1	556	422	561	513	15.33	cps
Lithium	6-1	147940	149498	148935	148791	0.53	cps
Magnesium	24-2	75903	75794	75820	75839	0.08	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01LX5	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-08 12:08:45	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	623	597	653	624	4.54	cps
Molybdenum	94-1	167	117	133	139	18.33	cps
Molybdenum	95-1	150	208	175	178	16.46	cps
Molybdenum	96-1	217	83	175	158	43.08	cps
Molybdenum	97-1	92	142	67	100	38.19	cps
Molybdenum	98-1	167	233	242	214	19.22	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	160	207	263	210	24.64	cps
Phosphorus	31-2	117	58	108	94	33.40	cps
Potassium	39-2	24839	24030	23779	24216	2.29	cps
Rhodium	103-1	2506904	2512904	2525122	2514977	0.37	cps
Rhodium	103-2	1782768	1827438	1806551	1805586	1.24	cps
Scandium	45-1	1519514	1524958	1510015	1518162	0.50	cps
Scandium	45-2	60644	60992	61481	61039	0.69	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	13	7	7	75.00	cps
Selenium	82-1	-84	37	42	-1	-4920.06	cps
Silicon	28-1	6278703	6286942	6314697	6293447	0.30	cps
Silver	109-1	100	117	158	125	24.04	cps
Silver	107-1	258	150	208	206	26.38	cps
Sodium	23-2	700810	695367	694875	697018	0.47	cps
Strontium	86-1	28631	29792	30518	29647	3.21	cps
Strontium	88-1	256221	251787	252144	253384	0.97	cps
Sulfur	34-1	273797	273422	271223	272814	0.51	cps
Terbium	159-1	3062725	3156902	3163703	3127777	1.80	cps
Terbium	159-2	2021720	2056400	2055825	2044648	0.97	cps
Thallium	203-1	25	8	42	25	66.68	cps
Thallium	205-1	67	50	58	58	14.29	cps
Tin	118-1	225	200	225	217	6.66	cps
Titanium	47-1	3084	2700	2834	2873	6.78	cps
Uranium	238-1	358	325	400	361	10.41	cps
Vanadium	51-2	113	140	87	113	23.53	cps
Yttrium	89-1	2807611	2795608	2808797	2804006	0.26	cps
Yttrium	89-2	402343	408383	406506	405744	0.76	cps
Zinc	66-2	1153	1053	1117	1108	4.57	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01LX5	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-08 12:08:45	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	133	142	142	139	3.46	cps
Zirconium	91-1	92	75	67	78	16.37	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MS	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:12:17	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18955	18627	18497	18693	1.26	cps
Antimony	121-1	2659479	2670690	2725272	2685147	1.31	cps
Arsenic	75-1	816848	821242	819705	819265	0.27	cps
Barium	135-1	201787	204669	205974	204143	1.05	cps
Barium	137-1	347987	353875	352970	351611	0.90	cps
Beryllium	9-1	57561	57863	58850	58091	1.16	cps
Bismuth	209-1	1645235	1686952	1610959	1647715	2.31	cps
Bismuth	209-2	1376743	1373154	1288316	1346071	3.72	cps
Boron	11-1	64596	67099	68162	66619	2.75	cps
Boron	10-1	11906	12740	12715	12453	3.81	cps
Cadmium	106-1	16227	16436	16644	16436	1.27	cps
Cadmium	108-1	10471	10058	10792	10440	3.52	cps
Cadmium	111-1	155412	157540	156119	156357	0.69	cps
Calcium	43-1	415879	414580	418982	416480	0.54	cps
Calcium	44-1	6759625	6698654	6739345	6732541	0.46	cps
Chromium	52-2	426607	429191	435605	430467	1.08	cps
Cobalt	59-2	370563	369444	371937	370648	0.34	cps
Copper	63-2	685963	683916	689316	686398	0.40	cps
Dysprosium	156-1	103240	105582	103869	104230	1.16	cps
Dysprosium	156-2	14525	14592	14468	14528	0.43	cps
Erbium	164-1	42	17	50	36	48.03	cps
Erbium	164-2	27	17	20	21	24.12	cps
Gadolinium	160-1	75	67	42	61	28.39	cps
Gadolinium	160-2	27	10	30	22	48.22	cps
Holmium	165-1	2983202	3016756	2947374	2982444	1.16	cps
Holmium	165-2	2052862	2012621	1895038	1986840	4.13	cps
Indium	115-1	2595735	2632983	2543903	2590873	1.73	cps
Indium	115-2	529039	520712	484065	511272	4.68	cps
Iron	56-2	2401748	2397033	2443822	2414201	1.07	cps
Iron	57-2	59098	58194	57865	58385	1.09	cps
Krypton	83-1	427	387	450	421	7.61	cps
Lead	207-1	1402824	1409091	1415242	1409052	0.44	cps
Lead	208-1	6372639	6444197	6474612	6430483	0.81	cps
Lead	206-1	1606543	1570588	1604096	1593743	1.26	cps
Lithium	6-1	148395	149991	147887	148757	0.74	cps
Magnesium	24-2	516208	518917	517695	517607	0.26	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MS	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:12:17	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79978	78305	79763	79349	1.15	cps
Molybdenum	94-1	307958	310806	314252	311005	1.01	cps
Molybdenum	95-1	553447	544123	556007	551192	1.13	cps
Molybdenum	96-1	588076	581030	590403	586503	0.83	cps
Molybdenum	97-1	336522	339030	337304	337618	0.38	cps
Molybdenum	98-1	868545	887533	881071	879050	1.10	cps
Neodymium	150-1	13	40	40	31	49.50	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	277875	280457	279040	279124	0.46	cps
Phosphorus	31-2	6785	6343	6468	6532	3.49	cps
Potassium	39-2	436482	434549	438973	436668	0.51	cps
Rhodium	103-1	2446272	2495872	2400059	2447401	1.96	cps
Rhodium	103-2	1811250	1763307	1642381	1738979	5.00	cps
Scandium	45-1	1502291	1520720	1475796	1499602	1.51	cps
Scandium	45-2	59977	58615	55831	58141	3.64	cps
Selenium	77-2	3711	3597	3724	3677	1.89	cps
Selenium	78-2	12456	12497	12951	12634	2.17	cps
Selenium	82-1	104398	103948	105091	104479	0.55	cps
Silicon	28-1	12862111	12868843	12877293	12869416	0.06	cps
Silver	109-1	228056	230859	228636	229184	0.65	cps
Silver	107-1	235502	235383	238162	236349	0.66	cps
Sodium	23-2	3648256	3604884	3634021	3629054	0.61	cps
Strontium	86-1	394861	394638	399319	396273	0.67	cps
Strontium	88-1	3454603	3447965	3482697	3461755	0.53	cps
Sulfur	34-1	378541	375991	373190	375907	0.71	cps
Terbium	159-1	3130068	3198207	3060637	3129637	2.20	cps
Terbium	159-2	2094139	2044827	1926493	2021820	4.26	cps
Thallium	203-1	4058006	4050103	4059343	4055817	0.12	cps
Thallium	205-1	9350572	9391503	9378019	9373365	0.22	cps
Tin	118-1	1524474	1522256	1564740	1537157	1.56	cps
Titanium	47-1	70897	72807	71349	71684	1.39	cps
Uranium	238-1	5051	5026	4718	4932	3.77	cps
Vanadium	51-2	234850	236381	237642	236291	0.59	cps
Yttrium	89-1	2832100	2908814	2789337	2843417	2.13	cps
Yttrium	89-2	412336	404950	379078	398788	4.38	cps
Zinc	66-2	156302	156357	158527	157062	0.81	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MS	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:12:17	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1734	1675	1575	1661	4.82	cps
Zirconium	91-1	642	550	450	547	17.52	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:17:13	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	515681	512330	515152	514388	0.35	cps
Antimony	121-1	1670614	1651201	1654623	1658813	0.62	cps
Arsenic	75-1	485871	486493	482541	484968	0.44	cps
Barium	135-1	1697348	1681652	1685735	1688245	0.48	cps
Barium	137-1	2916072	2893451	2887831	2899118	0.52	cps
Beryllium	9-1	142948	144782	144147	143959	0.65	cps
Bismuth	209-1	1656674	1667126	1700858	1674886	1.38	cps
Bismuth	209-2	1361483	1376667	1373793	1370648	0.59	cps
Boron	11-1	88758	92489	91274	90840	2.09	cps
Boron	10-1	17269	17729	17103	17367	1.87	cps
Cadmium	106-1	40111	40654	41298	40688	1.46	cps
Cadmium	108-1	26589	25979	27303	26624	2.49	cps
Cadmium	111-1	370313	370077	369275	369888	0.15	cps
Calcium	43-1	1759580	1776428	1759521	1765176	0.55	cps
Calcium	44-1	28126168	28672183	28263935	28354095	1.00	cps
Chromium	52-2	512031	508734	508117	509628	0.41	cps
Cobalt	59-2	880064	876490	873447	876667	0.38	cps
Copper	63-2	1357342	1351267	1351999	1353536	0.25	cps
Dysprosium	156-1	92	108	83	94	13.48	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	20	3	13	12	68.66	cps
Gadolinium	160-1	50	58	33	47	26.95	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	3056199	3135768	3078573	3090180	1.33	cps
Holmium	165-2	2084696	2099511	2083203	2089137	0.43	cps
Indium	115-1	2578366	2638359	2661022	2625916	1.63	cps
Indium	115-2	530377	532494	533122	531998	0.27	cps
Iron	56-2	93961491	93286694	93564680	93604288	0.36	cps
Iron	57-2	2408473	2388314	2372006	2389598	0.76	cps
Krypton	83-1	347	393	430	390	10.71	cps
Lead	207-1	673080	669490	672085	671552	0.28	cps
Lead	208-1	3031783	3021286	3057404	3036824	0.61	cps
Lead	206-1	737007	738847	743991	739949	0.49	cps
Lithium	6-1	152800	156871	155447	155039	1.33	cps
Magnesium	24-2	9533164	9406567	9416570	9452101	0.74	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:17:13	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	376825	374681	374179	375229	0.37	cps
Molybdenum	94-1	2769932	2786787	2717414	2758044	1.31	cps
Molybdenum	95-1	3467212	3445683	3467383	3460093	0.36	cps
Molybdenum	96-1	3815445	3786642	3753586	3785224	0.82	cps
Molybdenum	97-1	2155214	2123664	2128606	2135828	0.79	cps
Molybdenum	98-1	5419988	5385605	5354178	5386590	0.61	cps
Neodymium	150-1	93	73	100	89	15.61	cps
Neodymium	150-2	17	20	20	19	10.18	cps
Nickel	60-2	247871	249514	248343	248576	0.34	cps
Phosphorus	31-2	10171	10855	10404	10477	3.32	cps
Potassium	39-2	4570972	4551281	4600936	4574397	0.55	cps
Rhodium	103-1	2440890	2510990	2433764	2461882	1.73	cps
Rhodium	103-2	1759132	1761239	1773085	1764485	0.43	cps
Scandium	45-1	1550204	1577160	1574781	1567382	0.95	cps
Scandium	45-2	61316	61547	61641	61502	0.27	cps
Selenium	77-2	967	883	887	912	5.17	cps
Selenium	78-2	3121	3030	3099	3083	1.53	cps
Selenium	82-1	24896	25019	24527	24814	1.03	cps
Silicon	28-1	5832503	5874479	5922723	5876568	0.77	cps
Silver	109-1	1618177	1637197	1605151	1620175	0.99	cps
Silver	107-1	1729659	1724949	1708162	1720923	0.66	cps
Sodium	23-2	23876833	23679167	23671817	23742606	0.49	cps
Strontium	86-1	431786	430035	426493	429438	0.63	cps
Strontium	88-1	3784991	3741765	3766941	3764566	0.58	cps
Sulfur	34-1	354680	350785	349287	351584	0.79	cps
Terbium	159-1	3295060	3333151	3270904	3299705	0.95	cps
Terbium	159-2	2127765	2142675	2135903	2135448	0.35	cps
Thallium	203-1	940460	945222	939576	941753	0.32	cps
Thallium	205-1	2273228	2257309	2251102	2260547	0.50	cps
Tin	118-1	1043509	1048264	1053681	1048485	0.49	cps
Titanium	47-1	833474	836197	838424	836032	0.30	cps
Uranium	238-1	2771484	2799513	2799979	2790325	0.58	cps
Vanadium	51-2	378471	375472	377968	377304	0.43	cps
Yttrium	89-1	2888262	2952735	2890900	2910632	1.25	cps
Yttrium	89-2	417129	417125	417404	417219	0.04	cps
Zinc	66-2	195572	196941	193642	195385	0.85	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:17:13	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2351764	2316954	2334193	2334304	0.75	cps
Zirconium	91-1	505620	503367	503760	504249	0.24	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 12:28:35 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	110	98	101	7.97	cps
Antimony	121-1	150	117	167	144	17.63	cps
Arsenic	75-1	501	408	519	476	12.52	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	17	17	0	11	86.60	cps
Beryllium	9-1	10	20	10	13	43.30	cps
Bismuth	209-1	1698412	1639190	1654132	1663911	1.85	cps
Bismuth	209-2	1359790	1387042	1362674	1369836	1.09	cps
Boron	11-1	875	875	983	911	6.87	cps
Boron	10-1	142	225	133	167	30.41	cps
Cadmium	106-1	2384	2659	2917	2653	10.06	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Cadmium	111-1	1669	1872	2043	1862	10.05	cps
Calcium	43-1	1837	1974	1967	1926	4.00	cps
Calcium	44-1	33680	33794	33985	33820	0.45	cps
Chromium	52-2	650	677	667	664	2.03	cps
Cobalt	59-2	23	17	17	19	20.36	cps
Copper	63-2	470	467	533	490	7.67	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	0	19	89.21	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	27	7	20	18	57.27	cps
Holmium	165-1	2979157	2933258	2998973	2970463	1.13	cps
Holmium	165-2	1981293	2020136	2005521	2002317	0.98	cps
Indium	115-1	2628911	2662685	2635256	2642284	0.68	cps
Indium	115-2	533277	537552	533764	534864	0.44	cps
Iron	56-2	756	711	795	754	5.53	cps
Iron	57-2	44	39	28	37	22.91	cps
Krypton	83-1	447	423	423	431	3.12	cps
Lead	207-1	478	394	411	428	10.31	cps
Lead	208-1	1833	1889	1995	1906	4.30	cps
Lead	206-1	406	506	506	472	12.23	cps
Lithium	6-1	156482	156004	155893	156126	0.20	cps
Magnesium	24-2	75	83	67	75	11.11	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:28:35	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	17	13	16	12.40	cps
Molybdenum	94-1	92	133	83	103	26.06	cps
Molybdenum	95-1	100	108	33	81	51.04	cps
Molybdenum	96-1	100	83	75	86	14.78	cps
Molybdenum	97-1	58	17	8	28	96.44	cps
Molybdenum	98-1	92	67	50	69	30.20	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	37	10	27	24	55.11	cps
Phosphorus	31-2	42	50	92	61	43.83	cps
Potassium	39-2	12706	12765	12448	12639	1.34	cps
Rhodium	103-1	2542224	2473040	2518873	2511379	1.40	cps
Rhodium	103-2	1838065	1828113	1814687	1826955	0.64	cps
Scandium	45-1	1542949	1520007	1540350	1534435	0.82	cps
Scandium	45-2	58956	60108	59532	59532	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	13	7	66.14	cps
Selenium	82-1	-16	-27	-9	-17	-54.45	cps
Silicon	28-1	5267995	5301280	5270998	5280091	0.35	cps
Silver	109-1	292	292	250	278	8.66	cps
Silver	107-1	275	292	192	253	21.19	cps
Sodium	23-2	16777	16460	16343	16527	1.36	cps
Strontium	86-1	717	675	575	656	11.11	cps
Strontium	88-1	8	58	42	36	70.51	cps
Sulfur	34-1	257311	253799	259441	256850	1.11	cps
Terbium	159-1	3177079	3153181	3092991	3141083	1.38	cps
Terbium	159-2	2062740	2059329	2039346	2053805	0.62	cps
Thallium	203-1	92	92	133	106	22.79	cps
Thallium	205-1	342	358	208	303	27.15	cps
Tin	118-1	200	175	183	186	6.84	cps
Titanium	47-1	2875	3017	2659	2850	6.33	cps
Uranium	238-1	17	25	8	17	50.01	cps
Vanadium	51-2	17	27	33	26	32.81	cps
Yttrium	89-1	2802734	2835440	2836418	2824864	0.68	cps
Yttrium	89-2	408533	408665	404038	407079	0.65	cps
Zinc	66-2	90	93	130	104	21.25	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:28:35	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	183	208	192	194	6.55	cps
Zirconium	91-1	83	67	67	72	13.33	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MSD	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:32:07	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18755	19073	18379	18735	1.85	cps
Antimony	121-1	2622917	2672262	2665687	2653622	1.01	cps
Arsenic	75-1	800919	803117	814692	806243	0.92	cps
Barium	135-1	202594	203639	205001	203745	0.59	cps
Barium	137-1	346122	350741	355034	350633	1.27	cps
Beryllium	9-1	59037	59593	59436	59355	0.48	cps
Bismuth	209-1	1589939	1638997	1630704	1619880	1.62	cps
Bismuth	209-2	1347309	1363921	1365179	1358803	0.73	cps
Boron	11-1	65459	66354	66748	66187	1.00	cps
Boron	10-1	12114	12614	12531	12420	2.16	cps
Cadmium	106-1	15960	16377	16728	16355	2.35	cps
Cadmium	108-1	10317	10421	10458	10399	0.71	cps
Cadmium	111-1	153880	154907	157524	155437	1.21	cps
Calcium	43-1	416108	420902	423620	420210	0.91	cps
Calcium	44-1	6750691	6784796	6903881	6813123	1.18	cps
Chromium	52-2	425293	430575	415743	423870	1.77	cps
Cobalt	59-2	370483	369847	369664	369998	0.12	cps
Copper	63-2	691227	686418	693822	690489	0.54	cps
Dysprosium	156-1	104643	104635	104785	104688	0.08	cps
Dysprosium	156-2	14515	14825	15082	14808	1.92	cps
Erbium	164-1	0	33	50	28	91.65	cps
Erbium	164-2	40	20	13	24	56.78	cps
Gadolinium	160-1	92	50	67	69	30.20	cps
Gadolinium	160-2	27	37	30	31	16.37	cps
Holmium	165-1	2986838	3012690	2975667	2991732	0.63	cps
Holmium	165-2	2003746	2020683	1999552	2007994	0.56	cps
Indium	115-1	2549758	2573965	2583976	2569233	0.68	cps
Indium	115-2	519437	516860	515456	517251	0.39	cps
Iron	56-2	2393362	2436480	2403236	2411026	0.94	cps
Iron	57-2	58456	58534	58652	58547	0.17	cps
Krypton	83-1	407	357	447	403	11.18	cps
Lead	207-1	1379687	1390275	1399472	1389811	0.71	cps
Lead	208-1	6307675	6378012	6456374	6380687	1.17	cps
Lead	206-1	1589115	1581843	1610640	1593866	0.94	cps
Lithium	6-1	150268	150608	150290	150389	0.13	cps
Magnesium	24-2	525512	530414	527174	527700	0.47	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MSD	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:32:07	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	78821	80286	78999	79369	1.01	cps
Molybdenum	94-1	306403	305335	308351	306696	0.50	cps
Molybdenum	95-1	544874	532529	548831	542078	1.57	cps
Molybdenum	96-1	581881	569779	591791	581150	1.90	cps
Molybdenum	97-1	331709	332556	338398	334221	1.09	cps
Molybdenum	98-1	864415	879354	872364	872044	0.86	cps
Neodymium	150-1	33	33	27	31	12.37	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	278642	275748	278942	277777	0.64	cps
Phosphorus	31-2	6610	6744	6618	6657	1.12	cps
Potassium	39-2	439952	442673	438918	440514	0.44	cps
Rhodium	103-1	2414241	2471426	2479687	2455118	1.45	cps
Rhodium	103-2	1738161	1751830	1763935	1751308	0.74	cps
Scandium	45-1	1509141	1509828	1519549	1512840	0.38	cps
Scandium	45-2	59613	59817	59295	59575	0.44	cps
Selenium	77-2	3787	3671	3677	3712	1.77	cps
Selenium	78-2	12374	12467	12563	12468	0.76	cps
Selenium	82-1	103576	103697	105234	104169	0.89	cps
Silicon	28-1	12787531	12955767	12987585	12910294	0.83	cps
Silver	109-1	204203	207944	207400	206516	0.98	cps
Silver	107-1	215551	218937	221586	218691	1.38	cps
Sodium	23-2	3696025	3696546	3654860	3682477	0.65	cps
Strontium	86-1	388250	397181	397165	394199	1.31	cps
Strontium	88-1	3483022	3482592	3455742	3473785	0.45	cps
Sulfur	34-1	378861	375781	375674	376772	0.48	cps
Terbium	159-1	3096536	3109602	3196098	3134079	1.73	cps
Terbium	159-2	2038121	2051122	2056191	2048478	0.45	cps
Thallium	203-1	3987053	3991108	4017143	3998434	0.41	cps
Thallium	205-1	9333552	9311410	9389549	9344837	0.43	cps
Tin	118-1	1523359	1546752	1517858	1529323	1.00	cps
Titanium	47-1	71458	72673	71551	71894	0.94	cps
Uranium	238-1	4751	4826	4985	4854	2.46	cps
Vanadium	51-2	231467	234815	232078	232786	0.77	cps
Yttrium	89-1	2798550	2814224	2822764	2811846	0.44	cps
Yttrium	89-2	404548	404130	401309	403329	0.44	cps
Zinc	66-2	156687	156442	157106	156745	0.21	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01MSD	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:32:07	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2325	1784	1800	1970	15.64	cps
Zirconium	91-1	808	775	725	770	5.45	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01A	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:35:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18822	18434	18457	18571	1.17	cps
Antimony	121-1	2664768	2743803	2736493	2715021	1.61	cps
Arsenic	75-1	809885	819243	825496	818208	0.96	cps
Barium	135-1	200501	204568	204727	203265	1.18	cps
Barium	137-1	350727	352466	353156	352116	0.36	cps
Beryllium	9-1	58913	59954	59044	59304	0.96	cps
Bismuth	209-1	1625823	1692775	1681000	1666533	2.14	cps
Bismuth	209-2	1401777	1372091	1389747	1387872	1.08	cps
Boron	11-1	66095	67619	68045	67253	1.52	cps
Boron	10-1	12981	13499	12706	13062	3.08	cps
Cadmium	106-1	17045	16419	16627	16697	1.91	cps
Cadmium	108-1	10296	10250	10333	10293	0.41	cps
Cadmium	111-1	160489	157757	158704	158983	0.87	cps
Calcium	43-1	417534	420385	420082	419334	0.37	cps
Calcium	44-1	6756591	6791809	6819563	6789321	0.46	cps
Chromium	52-2	427474	427389	429457	428106	0.27	cps
Cobalt	59-2	374498	367736	372472	371569	0.93	cps
Copper	63-2	694524	691835	695822	694060	0.29	cps
Dysprosium	156-1	105415	105583	107036	106011	0.84	cps
Dysprosium	156-2	15419	14705	14912	15012	2.45	cps
Erbium	164-1	67	33	0	33	100.01	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	67	58	33	53	32.88	cps
Gadolinium	160-2	30	37	37	34	11.18	cps
Holmium	165-1	2921668	2986513	3056629	2988270	2.26	cps
Holmium	165-2	2059475	1993830	2039773	2031026	1.66	cps
Indium	115-1	2575699	2609863	2619376	2601646	0.88	cps
Indium	115-2	522468	516824	522685	520659	0.64	cps
Iron	56-2	2413759	2395593	2427341	2412231	0.66	cps
Iron	57-2	59366	57446	59321	58711	1.87	cps
Krypton	83-1	410	403	417	410	1.63	cps
Lead	207-1	1413452	1425837	1444029	1427773	1.08	cps
Lead	208-1	6470639	6549900	6663178	6561239	1.47	cps
Lead	206-1	1631357	1648907	1711196	1663820	2.52	cps
Lithium	6-1	150679	152096	152334	151703	0.59	cps
Magnesium	24-2	531263	512462	520055	521260	1.81	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01A	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:35:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79578	78070	79763	79137	1.17	cps
Molybdenum	94-1	303608	312619	312220	309482	1.65	cps
Molybdenum	95-1	542760	552483	549257	548167	0.90	cps
Molybdenum	96-1	576896	590046	590831	585924	1.34	cps
Molybdenum	97-1	340013	339582	345271	341622	0.93	cps
Molybdenum	98-1	878549	877682	884632	880288	0.43	cps
Neodymium	150-1	0	13	40	18	114.57	cps
Neodymium	150-2	7	10	20	12	56.76	cps
Nickel	60-2	280597	277665	280948	279737	0.64	cps
Phosphorus	31-2	6977	6752	6877	6869	1.64	cps
Potassium	39-2	437079	431443	432620	433714	0.69	cps
Rhodium	103-1	2434811	2448334	2460363	2447836	0.52	cps
Rhodium	103-2	1768091	1759323	1759961	1762459	0.28	cps
Scandium	45-1	1489834	1516366	1525754	1510652	1.23	cps
Scandium	45-2	58973	58776	59361	59037	0.50	cps
Selenium	77-2	3624	3697	3661	3661	1.00	cps
Selenium	78-2	12704	12306	12667	12559	1.75	cps
Selenium	82-1	104544	105878	105252	105225	0.63	cps
Silicon	28-1	12838350	12908619	12990588	12912519	0.59	cps
Silver	109-1	217890	218053	218803	218249	0.22	cps
Silver	107-1	225466	227424	224359	225750	0.69	cps
Sodium	23-2	3695786	3631612	3632784	3653394	1.01	cps
Strontium	86-1	394286	399785	401652	398574	0.96	cps
Strontium	88-1	3416859	3464064	3493573	3458165	1.12	cps
Sulfur	34-1	374541	371489	371108	372379	0.51	cps
Terbium	159-1	3161936	3189751	3206497	3186061	0.71	cps
Terbium	159-2	2092343	2045034	2067538	2068305	1.14	cps
Thallium	203-1	4078290	4122599	4158559	4119816	0.98	cps
Thallium	205-1	9355977	9506009	9554505	9472163	1.09	cps
Tin	118-1	1535985	1566875	1583411	1562090	1.54	cps
Titanium	47-1	70486	71165	70938	70863	0.49	cps
Uranium	238-1	5226	4726	4476	4809	7.94	cps
Vanadium	51-2	236379	233886	233921	234729	0.61	cps
Yttrium	89-1	2802412	2846456	2834862	2827910	0.81	cps
Yttrium	89-2	408138	404940	403654	405578	0.57	cps
Zinc	66-2	157361	158018	157367	157582	0.24	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-01A	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-PRA	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:35:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1475	1350	1358	1395	5.01	cps
Zirconium	91-1	517	533	683	578	15.89	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-02	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-WF	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:39:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	255	190	207	20.58	cps
Antimony	121-1	750	725	633	703	8.74	cps
Arsenic	75-1	759	788	828	792	4.39	cps
Barium	135-1	19240	19732	19323	19432	1.36	cps
Barium	137-1	33427	33853	34379	33886	1.41	cps
Beryllium	9-1	27	30	17	24	28.38	cps
Bismuth	209-1	1623453	1624056	1672126	1639878	1.70	cps
Bismuth	209-2	1358207	1363588	1382007	1367934	0.91	cps
Boron	11-1	7119	7052	7294	7155	1.75	cps
Boron	10-1	1342	1258	1292	1297	3.23	cps
Cadmium	106-1	2034	2450	2367	2284	9.66	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Cadmium	111-1	1423	1722	1671	1605	9.95	cps
Calcium	43-1	322708	328224	328190	326374	0.97	cps
Calcium	44-1	5325075	5364676	5321137	5336963	0.45	cps
Chromium	52-2	9670	10107	10267	10015	3.09	cps
Cobalt	59-2	213	163	157	178	17.42	cps
Copper	63-2	1904	2034	2080	2006	4.57	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	25	0	25	17	86.60	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	17	17	17	17	0.00	cps
Holmium	165-1	2941725	2950580	2983181	2958496	0.74	cps
Holmium	165-2	1985527	1989235	2024643	1999802	1.08	cps
Indium	115-1	2533241	2607402	2599455	2580033	1.58	cps
Indium	115-2	524635	529236	532016	528629	0.71	cps
Iron	56-2	30718	30401	30328	30482	0.68	cps
Iron	57-2	983	895	739	872	14.19	cps
Krypton	83-1	453	393	323	390	16.68	cps
Lead	207-1	1672	1711	1678	1687	1.25	cps
Lead	208-1	8118	8324	7851	8098	2.92	cps
Lead	206-1	2034	2306	2011	2117	7.75	cps
Lithium	6-1	147127	150339	150819	149428	1.34	cps
Magnesium	24-2	520115	509635	511995	513915	1.07	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-02	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-WF	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:39:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2920	2880	2987	2929	1.84	cps
Molybdenum	94-1	600	675	458	578	19.04	cps
Molybdenum	95-1	867	942	1083	964	11.42	cps
Molybdenum	96-1	992	1067	1142	1067	7.03	cps
Molybdenum	97-1	550	567	608	575	5.23	cps
Molybdenum	98-1	1550	1542	1509	1534	1.44	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1767	1810	1697	1758	3.25	cps
Phosphorus	31-2	292	233	283	269	11.71	cps
Potassium	39-2	78620	79366	77874	78620	0.95	cps
Rhodium	103-1	2406620	2441388	2463792	2437267	1.18	cps
Rhodium	103-2	1757308	1768786	1783245	1769779	0.73	cps
Scandium	45-1	1486860	1501772	1508253	1498962	0.73	cps
Scandium	45-2	59338	58752	59723	59271	0.82	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	11	9	8	48.07	cps
Selenium	82-1	-26	34	143	50	170.80	cps
Silicon	28-1	11688158	11727518	11841968	11752548	0.68	cps
Silver	109-1	250	292	283	275	8.02	cps
Silver	107-1	158	350	358	289	39.17	cps
Sodium	23-2	3618389	3603893	3645138	3622474	0.58	cps
Strontium	86-1	181612	187523	186609	185248	1.72	cps
Strontium	88-1	1622255	1663458	1652082	1645932	1.29	cps
Sulfur	34-1	399137	403968	406746	403284	0.95	cps
Terbium	159-1	3093229	3208564	3163197	3154996	1.84	cps
Terbium	159-2	2021192	2079636	2049023	2049950	1.43	cps
Thallium	203-1	183	142	167	164	12.80	cps
Thallium	205-1	300	333	342	325	6.78	cps
Tin	118-1	533	475	375	461	17.37	cps
Titanium	47-1	3151	2734	2834	2906	7.49	cps
Uranium	238-1	242	233	208	228	7.61	cps
Vanadium	51-2	423	480	513	472	9.64	cps
Yttrium	89-1	2742540	2828258	2829871	2800223	1.78	cps
Yttrium	89-2	398484	398308	399875	398889	0.22	cps
Zinc	66-2	17258	17578	17328	17388	0.97	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-02	Instrumnet Name :	P8
Client Sample ID :	2ND-FL-WF	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:39:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	183	75	242	167	50.75	cps
Zirconium	91-1	42	67	33	47	36.73	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-03	Instrumnet Name :	P8
Client Sample ID :	2ND-PK-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:42:32	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	230	150	198	21.44	cps
Antimony	121-1	508	567	517	531	5.95	cps
Arsenic	75-1	867	699	784	783	10.74	cps
Barium	135-1	36777	36652	35891	36440	1.32	cps
Barium	137-1	61820	62205	62583	62203	0.61	cps
Beryllium	9-1	13	23	17	18	28.64	cps
Bismuth	209-1	1597944	1653447	1656238	1635876	2.01	cps
Bismuth	209-2	1352067	1360528	1362513	1358369	0.41	cps
Boron	11-1	6018	5843	6110	5990	2.26	cps
Boron	10-1	1167	1025	1258	1150	10.22	cps
Cadmium	106-1	2617	2225	2742	2528	10.66	cps
Cadmium	108-1	4	4	21	10	98.92	cps
Cadmium	111-1	1833	1563	1922	1773	10.53	cps
Calcium	43-1	187308	189480	189539	188776	0.67	cps
Calcium	44-1	3128768	3149323	3134610	3137567	0.34	cps
Chromium	52-2	2980	2940	2894	2938	1.48	cps
Cobalt	59-2	127	143	157	142	10.57	cps
Copper	63-2	569086	567996	563652	566911	0.51	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	30	23	27	27	12.51	cps
Holmium	165-1	2990862	2977721	2966362	2978315	0.41	cps
Holmium	165-2	1973408	1996327	2019495	1996410	1.15	cps
Indium	115-1	2577645	2588760	2594058	2586821	0.32	cps
Indium	115-2	519566	518581	527531	521892	0.94	cps
Iron	56-2	17367	17072	16833	17091	1.56	cps
Iron	57-2	450	472	556	493	11.30	cps
Krypton	83-1	417	433	367	406	8.55	cps
Lead	207-1	1350	1250	1356	1319	4.51	cps
Lead	208-1	5623	5540	5534	5565	0.90	cps
Lead	206-1	1361	1483	1489	1445	5.00	cps
Lithium	6-1	147233	150159	150609	149334	1.23	cps
Magnesium	24-2	355664	356936	352398	354999	0.66	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-03	Instrumnet Name :	P8
Client Sample ID :	2ND-PK-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:42:32	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1467	1503	1603	1525	4.64	cps
Molybdenum	94-1	442	592	600	544	16.37	cps
Molybdenum	95-1	817	758	817	797	4.22	cps
Molybdenum	96-1	667	958	900	842	18.34	cps
Molybdenum	97-1	350	500	458	436	17.75	cps
Molybdenum	98-1	1092	1150	1125	1122	2.61	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	780	730	693	734	5.92	cps
Phosphorus	31-2	400	333	350	361	9.61	cps
Potassium	39-2	75503	74497	76215	75405	1.14	cps
Rhodium	103-1	2415168	2486514	2458470	2453384	1.47	cps
Rhodium	103-2	1766581	1757300	1771923	1765268	0.42	cps
Scandium	45-1	1488634	1527448	1514027	1510036	1.31	cps
Scandium	45-2	58876	58445	58759	58693	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	13	15	13	14.27	cps
Selenium	82-1	-38	-23	-1	-21	-88.31	cps
Silicon	28-1	9766837	9715778	9767669	9750095	0.30	cps
Silver	109-1	317	283	308	303	5.73	cps
Silver	107-1	308	258	400	322	22.30	cps
Sodium	23-2	3409562	3396881	3354096	3386846	0.86	cps
Strontium	86-1	108907	110722	108715	109448	1.01	cps
Strontium	88-1	949046	941686	948240	946324	0.43	cps
Sulfur	34-1	389259	390880	387498	389212	0.43	cps
Terbium	159-1	3148508	3182516	3140053	3157026	0.71	cps
Terbium	159-2	2011639	2027749	2033735	2024374	0.56	cps
Thallium	203-1	125	158	150	144	12.01	cps
Thallium	205-1	283	75	217	192	55.51	cps
Tin	118-1	350	300	267	306	13.73	cps
Titanium	47-1	3084	3050	2717	2950	6.87	cps
Uranium	238-1	408	483	417	436	9.43	cps
Vanadium	51-2	413	373	350	379	8.45	cps
Yttrium	89-1	2757418	2753992	2762134	2757848	0.15	cps
Yttrium	89-2	400470	396090	396949	397836	0.58	cps
Zinc	66-2	1870	2064	1850	1928	6.11	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-03	Instrumnet Name :	P8
Client Sample ID :	2ND-PK-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:42:32	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	158	133	192	161	18.17	cps
Zirconium	91-1	75	100	108	94	18.37	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-04	Instrumnet Name :	P8
Client Sample ID :	SICK-ROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:46:02	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205	193	213	203	4.97	cps
Antimony	121-1	483	525	500	503	4.17	cps
Arsenic	75-1	730	730	876	779	10.82	cps
Barium	135-1	34705	38649	36861	36738	5.38	cps
Barium	137-1	62584	64333	64668	63862	1.75	cps
Beryllium	9-1	20	20	10	17	34.64	cps
Bismuth	209-1	1654009	1643942	1668916	1655622	0.76	cps
Bismuth	209-2	1372257	1376622	1356636	1368505	0.77	cps
Boron	11-1	7010	7402	8028	7480	6.86	cps
Boron	10-1	1325	1408	1267	1333	5.34	cps
Cadmium	106-1	2367	2542	2659	2523	5.82	cps
Cadmium	108-1	25	21	25	24	10.20	cps
Cadmium	111-1	1681	1811	1873	1788	5.47	cps
Calcium	43-1	230635	231599	232639	231624	0.43	cps
Calcium	44-1	3717435	3816780	3883884	3806033	2.20	cps
Chromium	52-2	2460	2374	2384	2406	1.97	cps
Cobalt	59-2	163	150	247	187	28.06	cps
Copper	63-2	209874	208494	208370	208912	0.40	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	2920987	2974473	3047785	2981082	2.14	cps
Holmium	165-2	2033760	1989443	2008587	2010597	1.11	cps
Indium	115-1	2581122	2588459	2649613	2606398	1.44	cps
Indium	115-2	525954	526384	513661	522000	1.38	cps
Iron	56-2	11572	11260	11333	11388	1.43	cps
Iron	57-2	289	361	383	344	14.34	cps
Krypton	83-1	430	363	383	392	8.72	cps
Lead	207-1	3067	3245	3050	3121	3.45	cps
Lead	208-1	14498	14454	14192	14381	1.15	cps
Lead	206-1	3617	3812	3628	3686	2.96	cps
Lithium	6-1	148903	149849	151182	149978	0.76	cps
Magnesium	24-2	396042	386612	389277	390643	1.24	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-04	Instrumnet Name :	P8
Client Sample ID :	SICK-ROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:46:02	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3964	3921	4067	3984	1.89	cps
Molybdenum	94-1	333	475	475	428	19.12	cps
Molybdenum	95-1	575	767	658	667	14.42	cps
Molybdenum	96-1	750	775	650	725	9.12	cps
Molybdenum	97-1	375	325	433	378	14.35	cps
Molybdenum	98-1	1075	1083	983	1047	5.30	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	304062	299438	299229	300910	0.91	cps
Phosphorus	31-2	258	150	175	194	29.17	cps
Potassium	39-2	79374	79961	78955	79430	0.64	cps
Rhodium	103-1	2400697	2471266	2465695	2445886	1.60	cps
Rhodium	103-2	1749344	1742888	1759834	1750688	0.49	cps
Scandium	45-1	1499737	1486595	1503790	1496707	0.60	cps
Scandium	45-2	58759	59944	58284	58995	1.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	17	11	11	49.99	cps
Selenium	82-1	-37	65	50	26	213.83	cps
Silicon	28-1	10699464	10703429	10818963	10740619	0.63	cps
Silver	109-1	208	167	242	206	18.28	cps
Silver	107-1	267	183	275	242	20.98	cps
Sodium	23-2	4259867	4178325	4179562	4205918	1.11	cps
Strontium	86-1	130480	132085	133919	132162	1.30	cps
Strontium	88-1	1138615	1133861	1150542	1141006	0.75	cps
Sulfur	34-1	392969	393654	398156	394926	0.71	cps
Terbium	159-1	3153408	3133210	3171187	3152602	0.60	cps
Terbium	159-2	2009121	2010842	2058434	2026132	1.38	cps
Thallium	203-1	117	92	100	103	12.39	cps
Thallium	205-1	250	258	217	242	9.12	cps
Tin	118-1	2067	1825	2000	1964	6.36	cps
Titanium	47-1	3009	2984	2759	2917	4.72	cps
Uranium	238-1	508	533	617	553	10.26	cps
Vanadium	51-2	157	230	203	197	18.87	cps
Yttrium	89-1	2768576	2764648	2825924	2786383	1.23	cps
Yttrium	89-2	400842	394542	396442	397275	0.81	cps
Zinc	66-2	166371	166449	167555	166792	0.40	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-04	Instrumnet Name :	P8
Client Sample ID :	SICK-ROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:46:02	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	192	158	300	217	34.19	cps
Zirconium	91-1	58	67	133	86	47.74	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-05	Instrumnet Name :	P8
Client Sample ID :	STAFF-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:49:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270	203	240	238	14.24	cps
Antimony	121-1	342	475	300	372	24.56	cps
Arsenic	75-1	684	833	849	789	11.55	cps
Barium	135-1	36635	35933	36326	36298	0.97	cps
Barium	137-1	62004	63504	61201	62236	1.88	cps
Beryllium	9-1	17	23	20	20	16.65	cps
Bismuth	209-1	1631071	1658078	1691278	1660142	1.82	cps
Bismuth	209-2	1353357	1352901	1340350	1348869	0.55	cps
Boron	11-1	5551	5593	5860	5668	2.95	cps
Boron	10-1	875	1183	1033	1031	14.96	cps
Cadmium	106-1	2209	2617	2409	2411	8.47	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Cadmium	111-1	1539	1823	1671	1678	8.49	cps
Calcium	43-1	186285	188682	188520	187829	0.71	cps
Calcium	44-1	3067999	3098908	3088868	3085258	0.51	cps
Chromium	52-2	2324	2407	2270	2334	2.95	cps
Cobalt	59-2	140	133	177	150	15.55	cps
Copper	63-2	152270	152968	150681	151973	0.77	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	37	7	13	19	83.40	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	27	17	27	23	24.74	cps
Holmium	165-1	2948526	2971277	3021220	2980341	1.25	cps
Holmium	165-2	2012503	1983868	1961899	1986090	1.28	cps
Indium	115-1	2587772	2618750	2623786	2610103	0.75	cps
Indium	115-2	516305	520785	514861	517317	0.60	cps
Iron	56-2	17639	17701	16905	17415	2.54	cps
Iron	57-2	544	528	511	528	3.16	cps
Krypton	83-1	363	437	397	399	9.21	cps
Lead	207-1	1083	1122	1061	1089	2.84	cps
Lead	208-1	5306	5189	4789	5095	5.32	cps
Lead	206-1	1489	1278	1150	1306	13.11	cps
Lithium	6-1	146879	151286	151769	149978	1.80	cps
Magnesium	24-2	355660	350969	347731	351453	1.13	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-05	Instrumnet Name :	P8
Client Sample ID :	STAFF-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:49:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1670	1597	1640	1636	2.25	cps
Molybdenum	94-1	400	475	392	422	10.87	cps
Molybdenum	95-1	742	683	808	745	8.40	cps
Molybdenum	96-1	700	808	808	772	8.10	cps
Molybdenum	97-1	417	600	433	483	20.98	cps
Molybdenum	98-1	1217	1192	1092	1167	5.67	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2104	2297	2117	2172	4.97	cps
Phosphorus	31-2	258	300	317	292	10.30	cps
Potassium	39-2	73718	73325	72387	73143	0.94	cps
Rhodium	103-1	2464250	2432499	2465526	2454092	0.76	cps
Rhodium	103-2	1725920	1778641	1782451	1762337	1.79	cps
Scandium	45-1	1494369	1500243	1502326	1498979	0.28	cps
Scandium	45-2	57895	59130	58234	58420	1.09	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	19	6	9	11	60.07	cps
Selenium	82-1	33	-53	8	-4	-1151.51	cps
Silicon	28-1	9508781	9545314	9520163	9524753	0.20	cps
Silver	109-1	175	192	200	189	6.74	cps
Silver	107-1	267	233	242	247	7.02	cps
Sodium	23-2	3375680	3384346	3323405	3361144	0.98	cps
Strontium	86-1	106749	108102	109042	107964	1.07	cps
Strontium	88-1	937419	929014	938084	934839	0.54	cps
Sulfur	34-1	400231	396640	399935	398935	0.50	cps
Terbium	159-1	3139619	3151547	3215448	3168872	1.29	cps
Terbium	159-2	2012855	2033270	2022467	2022864	0.50	cps
Thallium	203-1	83	25	92	67	54.49	cps
Thallium	205-1	125	200	100	142	36.74	cps
Tin	118-1	375	267	333	325	16.82	cps
Titanium	47-1	2917	2825	2750	2831	2.95	cps
Uranium	238-1	300	275	242	272	10.75	cps
Vanadium	51-2	253	330	313	299	13.49	cps
Yttrium	89-1	2783871	2786205	2801624	2790567	0.35	cps
Yttrium	89-2	399019	392819	393919	395252	0.84	cps
Zinc	66-2	36451	35746	35402	35867	1.49	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-05	Instrumnet Name :	P8
Client Sample ID :	STAFF-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:49:33	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	208	242	231	8.35	cps
Zirconium	91-1	117	108	75	100	22.05	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : K2243-06 Instrumnet Name : P8
 Client Sample ID : TODDLER-ROOM-SINK Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 12:53:04 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	260	218	237	9.11	cps
Antimony	121-1	367	208	383	319	30.24	cps
Arsenic	75-1	629	981	702	771	24.07	cps
Barium	135-1	33727	34513	33953	34064	1.19	cps
Barium	137-1	58941	60439	60154	59845	1.33	cps
Beryllium	9-1	17	10	20	16	32.73	cps
Bismuth	209-1	1621222	1677557	1649093	1649291	1.71	cps
Bismuth	209-2	1337219	1338179	1284454	1319951	2.33	cps
Boron	11-1	5285	5435	5851	5524	5.32	cps
Boron	10-1	1083	1033	1250	1122	10.11	cps
Cadmium	106-1	2200	2309	2334	2281	3.11	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Cadmium	111-1	1534	1639	1647	1607	3.92	cps
Calcium	43-1	193795	193177	195535	194169	0.63	cps
Calcium	44-1	3214256	3246351	3192514	3217707	0.84	cps
Chromium	52-2	1920	2034	2054	2002	3.59	cps
Cobalt	59-2	107	103	120	110	8.01	cps
Copper	63-2	64901	64720	65048	64890	0.25	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	23	7	17	16	53.90	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	17	23	23	21	18.21	cps
Holmium	165-1	2873223	2982982	2997118	2951108	2.30	cps
Holmium	165-2	1986643	1934886	1882157	1934562	2.70	cps
Indium	115-1	2522078	2576326	2590802	2563069	1.41	cps
Indium	115-2	523877	508102	491032	507670	3.24	cps
Iron	56-2	157818	156901	158080	157600	0.39	cps
Iron	57-2	4062	3956	4273	4097	3.94	cps
Krypton	83-1	390	480	357	409	15.60	cps
Lead	207-1	928	1111	1095	1045	9.71	cps
Lead	208-1	4823	4962	4717	4834	2.54	cps
Lead	206-1	1128	1300	1300	1243	8.00	cps
Lithium	6-1	145012	149599	151989	148867	2.38	cps
Magnesium	24-2	343856	347282	345637	345592	0.50	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-06	Instrumnet Name :	P8
Client Sample ID :	TODDLER-ROOM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:53:04	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2757	2914	2827	2833	2.77	cps
Molybdenum	94-1	367	425	458	417	11.14	cps
Molybdenum	95-1	683	742	700	708	4.24	cps
Molybdenum	96-1	950	683	742	792	17.71	cps
Molybdenum	97-1	467	458	408	444	7.10	cps
Molybdenum	98-1	1350	1183	1300	1278	6.69	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	383	407	360	383	6.09	cps
Phosphorus	31-2	450	400	342	397	13.65	cps
Potassium	39-2	73392	72873	72470	72911	0.63	cps
Rhodium	103-1	2397109	2445524	2409467	2417367	1.04	cps
Rhodium	103-2	1770043	1718846	1668008	1718966	2.97	cps
Scandium	45-1	1465854	1486794	1478538	1477062	0.71	cps
Scandium	45-2	57989	56982	55175	56715	2.51	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	13	9	6	9	39.96	cps
Selenium	82-1	-37	-90	50	-26	-273.03	cps
Silicon	28-1	9433146	9550076	9615133	9532785	0.97	cps
Silver	109-1	167	200	192	186	9.32	cps
Silver	107-1	200	192	133	175	20.76	cps
Sodium	23-2	3365792	3367015	3334928	3355911	0.54	cps
Strontium	86-1	109009	111419	112074	110834	1.46	cps
Strontium	88-1	956964	966270	965902	963045	0.55	cps
Sulfur	34-1	400595	399488	403217	401100	0.48	cps
Terbium	159-1	3071046	3135216	3157698	3121320	1.44	cps
Terbium	159-2	2018598	1969539	1896556	1961564	3.13	cps
Thallium	203-1	17	25	33	25	33.32	cps
Thallium	205-1	125	117	142	128	9.96	cps
Tin	118-1	783	742	583	703	15.02	cps
Titanium	47-1	3309	2809	3009	3042	8.27	cps
Uranium	238-1	275	158	300	244	30.93	cps
Vanadium	51-2	367	257	373	332	19.72	cps
Yttrium	89-1	2704312	2794906	2729541	2742920	1.70	cps
Yttrium	89-2	394998	385946	372445	384463	2.95	cps
Zinc	66-2	4094	4191	4134	4140	1.17	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-06	Instrumnet Name :	P8
Client Sample ID :	TODDLER-ROOM-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:53:04	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	158	175	175	169	5.68	cps
Zirconium	91-1	33	92	75	67	45.07	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-07	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:56:34	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228	173	200	200	13.75	cps
Antimony	121-1	225	308	333	289	19.64	cps
Arsenic	75-1	738	768	788	765	3.29	cps
Barium	135-1	45764	44785	44936	45162	1.17	cps
Barium	137-1	77595	79591	75877	77688	2.39	cps
Beryllium	9-1	13	17	23	18	28.64	cps
Bismuth	209-1	1131241	867667	1681031	1226647	33.83	cps
Bismuth	209-2	1357565	1368758	1354608	1360310	0.55	cps
Boron	11-1	6752	6510	6760	6674	2.13	cps
Boron	10-1	1275	1167	1300	1247	5.68	cps
Cadmium	106-1	1659	1342	2517	1839	33.06	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Cadmium	111-1	1166	953	1783	1301	33.13	cps
Calcium	43-1	286725	291422	284179	287442	1.28	cps
Calcium	44-1	4690747	4746286	4618526	4685186	1.37	cps
Chromium	52-2	1607	1613	1613	1611	0.24	cps
Cobalt	59-2	100	110	90	100	10.00	cps
Copper	63-2	13260	13617	13777	13551	1.95	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	0	17	17	11	86.60	cps
Gadolinium	160-2	20	10	23	18	39.03	cps
Holmium	165-1	2106622	1584377	3023494	2238164	32.55	cps
Holmium	165-2	1995708	1986055	1975954	1985906	0.50	cps
Indium	115-1	1830670	1397442	2578036	1935383	30.86	cps
Indium	115-2	520409	520792	506889	516030	1.53	cps
Iron	56-2	4684	4317	4362	4455	4.49	cps
Iron	57-2	178	267	183	209	23.80	cps
Krypton	83-1	420	493	407	440	10.61	cps
Lead	207-1	950	995	1022	989	3.68	cps
Lead	208-1	4456	4812	4806	4691	4.34	cps
Lead	206-1	1095	1167	1250	1170	6.65	cps
Lithium	6-1	103211	78869	152414	111498	33.60	cps
Magnesium	24-2	363346	356479	352863	357562	1.49	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-07	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:56:34	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2087	1957	1937	1994	4.09	cps
Molybdenum	94-1	442	542	583	522	13.94	cps
Molybdenum	95-1	758	717	725	733	3.01	cps
Molybdenum	96-1	833	958	833	875	8.25	cps
Molybdenum	97-1	492	542	608	547	10.70	cps
Molybdenum	98-1	1367	1358	1242	1322	5.29	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	1017	1050	1167	1078	7.31	cps
Phosphorus	31-2	242	317	333	297	16.43	cps
Potassium	39-2	77815	76634	76291	76913	1.04	cps
Rhodium	103-1	1728125	1274890	2447702	1816906	32.55	cps
Rhodium	103-2	1750731	1771792	1717931	1746818	1.55	cps
Scandium	45-1	1050489	778780	1486057	1105109	32.29	cps
Scandium	45-2	57936	57176	57407	57506	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	7	11	11	33.34	cps
Selenium	82-1	-30	-32	-36	-33	-10.18	cps
Silicon	28-1	11403080	11640982	11357059	11467040	1.33	cps
Silver	109-1	192	125	133	150	24.22	cps
Silver	107-1	208	158	300	222	32.33	cps
Sodium	23-2	3399167	3352251	3357185	3369534	0.77	cps
Strontium	86-1	161701	161224	159127	160684	0.85	cps
Strontium	88-1	1421955	1425223	1416941	1421373	0.29	cps
Sulfur	34-1	415926	417467	414655	416016	0.34	cps
Terbium	159-1	2187973	1687308	3155444	2343575	31.85	cps
Terbium	159-2	2015612	2055637	2003925	2025058	1.34	cps
Thallium	203-1	25	42	50	39	32.73	cps
Thallium	205-1	92	67	92	83	17.32	cps
Tin	118-1	383	508	433	442	14.25	cps
Titanium	47-1	3042	2967	2717	2909	5.85	cps
Uranium	238-1	292	250	350	297	16.90	cps
Vanadium	51-2	483	503	473	487	3.14	cps
Yttrium	89-1	1950709	1430954	2784479	2055380	33.22	cps
Yttrium	89-2	395746	393402	388519	392556	0.94	cps
Zinc	66-2	2967	2937	2937	2947	0.59	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-07	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 12:56:34	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	183	133	150	156	16.37	cps
Zirconium	91-1	25	58	83	56	52.68	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-08	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-HAND	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:00:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	193	275	231	18.01	cps
Antimony	121-1	217	300	325	281	20.22	cps
Arsenic	75-1	623	675	754	684	9.64	cps
Barium	135-1	37613	37254	38381	37749	1.53	cps
Barium	137-1	64776	64240	64977	64664	0.59	cps
Beryllium	9-1	10	17	13	13	25.01	cps
Bismuth	209-1	1690474	1658596	1683711	1677593	1.00	cps
Bismuth	209-2	1361652	1357771	1354341	1357921	0.27	cps
Boron	11-1	5543	5585	5960	5696	4.03	cps
Boron	10-1	875	975	1167	1006	14.74	cps
Cadmium	106-1	2509	2425	2184	2373	7.12	cps
Cadmium	108-1	4	4	21	10	98.92	cps
Cadmium	111-1	1757	1711	1518	1662	7.64	cps
Calcium	43-1	196096	200623	198988	198569	1.15	cps
Calcium	44-1	3248110	3318531	3279374	3282005	1.08	cps
Chromium	52-2	2620	2400	2357	2459	5.74	cps
Cobalt	59-2	137	157	143	146	7.00	cps
Copper	63-2	456954	455626	453617	455399	0.37	cps
Dysprosium	156-1	25	25	50	33	43.30	cps
Dysprosium	156-2	17	13	3	11	62.48	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	92	25	25	47	81.51	cps
Gadolinium	160-2	20	13	23	19	26.96	cps
Holmium	165-1	3044012	2959477	2993953	2999148	1.42	cps
Holmium	165-2	1958055	1957884	1995680	1970540	1.10	cps
Indium	115-1	2627696	2580718	2593189	2600534	0.94	cps
Indium	115-2	519152	518596	515340	517696	0.40	cps
Iron	56-2	24194	24505	24533	24411	0.77	cps
Iron	57-2	689	639	650	659	3.98	cps
Krypton	83-1	390	397	423	403	4.37	cps
Lead	207-1	700	678	711	696	2.44	cps
Lead	208-1	3250	3273	3528	3350	4.61	cps
Lead	206-1	861	817	956	878	8.08	cps
Lithium	6-1	151507	149315	151988	150937	0.94	cps
Magnesium	24-2	359733	349334	347572	352213	1.87	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-08	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-HAND	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:00:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1803	1623	1707	1711	5.26	cps
Molybdenum	94-1	508	425	508	481	10.01	cps
Molybdenum	95-1	625	458	617	567	16.57	cps
Molybdenum	96-1	633	692	725	683	6.79	cps
Molybdenum	97-1	483	300	392	392	23.40	cps
Molybdenum	98-1	925	992	1050	989	6.33	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	1457	1430	1493	1460	2.18	cps
Phosphorus	31-2	350	358	367	358	2.33	cps
Potassium	39-2	70996	71960	71298	71418	0.69	cps
Rhodium	103-1	2445315	2427366	2449082	2440588	0.48	cps
Rhodium	103-2	1743906	1772973	1747749	1754876	0.90	cps
Scandium	45-1	1509309	1505335	1485783	1500142	0.84	cps
Scandium	45-2	58492	56487	57393	57457	1.75	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	11	11	9	34.60	cps
Selenium	82-1	8	7	-27	-4	-476.11	cps
Silicon	28-1	9567141	9557694	9639428	9588087	0.47	cps
Silver	109-1	167	200	150	172	14.78	cps
Silver	107-1	233	167	242	214	19.22	cps
Sodium	23-2	3403124	3348548	3372881	3374851	0.81	cps
Strontium	86-1	114225	114730	113923	114293	0.36	cps
Strontium	88-1	988924	982640	995536	989033	0.65	cps
Sulfur	34-1	407015	412857	413270	411048	0.85	cps
Terbium	159-1	3202899	3176934	3137583	3172472	1.04	cps
Terbium	159-2	2020060	2005177	2051422	2025553	1.17	cps
Thallium	203-1	42	33	17	31	41.66	cps
Thallium	205-1	83	58	67	69	18.33	cps
Tin	118-1	3000	2967	2650	2873	6.73	cps
Titanium	47-1	2842	2434	2734	2670	7.92	cps
Uranium	238-1	292	317	433	347	21.78	cps
Vanadium	51-2	343	370	320	344	7.26	cps
Yttrium	89-1	2781907	2765568	2811093	2786190	0.83	cps
Yttrium	89-2	394729	396742	393454	394975	0.42	cps
Zinc	66-2	25747	26098	25370	25739	1.41	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-08	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-HAND	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:00:05	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	208	133	267	203	32.96	cps
Zirconium	91-1	42	92	50	61	43.83	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-09	Instrumnet Name :	P8
Client Sample ID :	INFANTS-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:03:35	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253	230	283	255	10.33	cps
Antimony	121-1	258	233	258	250	5.77	cps
Arsenic	75-1	1003	811	865	893	11.07	cps
Barium	135-1	68352	66208	66393	66984	1.77	cps
Barium	137-1	113990	113878	114250	114039	0.17	cps
Beryllium	9-1	7	20	10	12	56.76	cps
Bismuth	209-1	1722107	1694867	1731120	1716031	1.10	cps
Bismuth	209-2	1355537	1366122	1365552	1362403	0.44	cps
Boron	11-1	10012	10179	10279	10157	1.33	cps
Boron	10-1	1984	1750	2159	1964	10.43	cps
Cadmium	106-1	2584	2500	2375	2486	4.22	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Cadmium	111-1	1797	1750	1659	1735	4.03	cps
Calcium	43-1	434470	431900	436593	434321	0.54	cps
Calcium	44-1	7104644	7002669	7033408	7046907	0.74	cps
Chromium	52-2	1824	1857	1710	1797	4.28	cps
Cobalt	59-2	130	97	167	131	26.70	cps
Copper	63-2	477140	478366	484012	479839	0.76	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	50	17	33	33	50.00	cps
Gadolinium	160-2	37	13	3	18	96.24	cps
Holmium	165-1	2994477	3029467	3078793	3034246	1.40	cps
Holmium	165-2	1968964	1993758	2007610	1990110	0.98	cps
Indium	115-1	2608974	2598067	2646250	2617763	0.97	cps
Indium	115-2	518495	514875	518049	517140	0.38	cps
Iron	56-2	14141	14842	14525	14502	2.42	cps
Iron	57-2	356	406	411	391	7.83	cps
Krypton	83-1	383	427	440	417	7.11	cps
Lead	207-1	1100	1145	1083	1109	2.85	cps
Lead	208-1	5206	5128	5173	5169	0.76	cps
Lead	206-1	1328	1350	1389	1356	2.28	cps
Lithium	6-1	151881	151576	155286	152915	1.35	cps
Magnesium	24-2	466641	469299	462112	466017	0.78	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-09	Instrumnet Name :	P8
Client Sample ID :	INFANTS-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:03:35	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1113	1127	1267	1169	7.27	cps
Molybdenum	94-1	317	383	358	353	9.55	cps
Molybdenum	95-1	533	592	525	550	6.60	cps
Molybdenum	96-1	533	567	608	569	6.60	cps
Molybdenum	97-1	408	408	317	378	14.01	cps
Molybdenum	98-1	908	875	900	895	1.94	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	470	397	440	436	8.47	cps
Phosphorus	31-2	342	258	275	292	15.12	cps
Potassium	39-2	67253	67689	68827	67923	1.20	cps
Rhodium	103-1	2441608	2412876	2466074	2440186	1.09	cps
Rhodium	103-2	1744804	1744298	1749102	1746068	0.15	cps
Scandium	45-1	1489202	1509945	1527199	1508782	1.26	cps
Scandium	45-2	57424	58217	58120	57920	0.75	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	17	19	20	19	9.99	cps
Selenium	82-1	30	-29	-34	-11	-327.35	cps
Silicon	28-1	11951351	12013188	12105108	12023216	0.64	cps
Silver	109-1	233	208	208	217	6.66	cps
Silver	107-1	208	175	192	192	8.69	cps
Sodium	23-2	3471132	3435341	3427298	3444590	0.68	cps
Strontium	86-1	226265	229035	228584	227961	0.65	cps
Strontium	88-1	1991860	2039907	2029165	2020311	1.25	cps
Sulfur	34-1	430935	428096	434967	431333	0.80	cps
Terbium	159-1	3158835	3255730	3206393	3206986	1.51	cps
Terbium	159-2	2025287	2033287	2024756	2027777	0.24	cps
Thallium	203-1	25	83	50	53	55.46	cps
Thallium	205-1	100	58	50	69	38.58	cps
Tin	118-1	300	342	317	319	6.57	cps
Titanium	47-1	2825	2684	2900	2803	3.93	cps
Uranium	238-1	5251	5268	5468	5329	2.26	cps
Vanadium	51-2	713	750	753	739	3.00	cps
Yttrium	89-1	2778377	2773814	2793179	2781790	0.36	cps
Yttrium	89-2	394445	389254	392974	392225	0.68	cps
Zinc	66-2	46377	46304	45658	46113	0.86	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-09	Instrumnet Name :	P8
Client Sample ID :	INFANTS-SINK	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:03:35	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	117	225	258	200	37.04	cps
Zirconium	91-1	67	83	50	67	25.00	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:08:00	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	509611	505348	510253	508404	0.52	cps
Antimony	121-1	1648955	1668973	1656537	1658155	0.61	cps
Arsenic	75-1	482480	476862	474724	478022	0.84	cps
Barium	135-1	1656301	1681273	1677550	1671708	0.81	cps
Barium	137-1	2840975	2849963	2883144	2858028	0.78	cps
Beryllium	9-1	144254	144221	143709	144061	0.21	cps
Bismuth	209-1	1700056	1682349	1640090	1674165	1.84	cps
Bismuth	209-2	1335209	1322822	1321177	1326402	0.58	cps
Boron	11-1	89932	90300	94679	91637	2.88	cps
Boron	10-1	16860	17503	17628	17331	2.38	cps
Cadmium	106-1	40972	40755	40604	40777	0.45	cps
Cadmium	108-1	26230	26748	26376	26451	1.01	cps
Cadmium	111-1	369237	365951	365694	366960	0.54	cps
Calcium	43-1	1777850	1793786	1769777	1780471	0.69	cps
Calcium	44-1	28393405	28514105	28120115	28342542	0.71	cps
Chromium	52-2	504332	503102	499747	502394	0.47	cps
Cobalt	59-2	860416	861605	861209	861077	0.07	cps
Copper	63-2	1328137	1316149	1315306	1319864	0.54	cps
Dysprosium	156-1	42	75	42	53	36.46	cps
Dysprosium	156-2	30	7	7	14	93.24	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Gadolinium	160-2	20	7	27	18	57.27	cps
Holmium	165-1	3144423	3118446	3092573	3118481	0.83	cps
Holmium	165-2	2029190	2022842	2008420	2020150	0.53	cps
Indium	115-1	2601393	2639575	2576455	2605808	1.22	cps
Indium	115-2	514595	515355	511391	513780	0.41	cps
Iron	56-2	92935958	92237208	91920235	92364467	0.56	cps
Iron	57-2	2370090	2325577	2333651	2343106	1.01	cps
Krypton	83-1	417	417	453	429	4.94	cps
Lead	207-1	690317	672478	669287	677361	1.67	cps
Lead	208-1	3115186	3071942	3040834	3075987	1.21	cps
Lead	206-1	762709	746077	743908	750898	1.37	cps
Lithium	6-1	153389	154401	151075	152955	1.11	cps
Magnesium	24-2	9499482	9529314	9455119	9494638	0.39	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:08:00	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	367180	366539	365483	366401	0.23	cps
Molybdenum	94-1	2769082	2738565	2760454	2756034	0.57	cps
Molybdenum	95-1	3424796	3424125	3431793	3426904	0.12	cps
Molybdenum	96-1	3789161	3831859	3752137	3791052	1.05	cps
Molybdenum	97-1	2139692	2143938	2106303	2129978	0.97	cps
Molybdenum	98-1	5424636	5431281	5355366	5403761	0.78	cps
Neodymium	150-1	113	113	100	109	7.07	cps
Neodymium	150-2	13	30	17	20	44.10	cps
Nickel	60-2	241309	243679	241283	242090	0.57	cps
Phosphorus	31-2	10763	9637	9862	10087	5.91	cps
Potassium	39-2	4475226	4515413	4471017	4487219	0.55	cps
Rhodium	103-1	2438000	2476339	2448145	2454161	0.81	cps
Rhodium	103-2	1726793	1720837	1727089	1724906	0.20	cps
Scandium	45-1	1547362	1554198	1548465	1550009	0.24	cps
Scandium	45-2	60014	59937	60175	60042	0.20	cps
Selenium	77-2	883	833	883	867	3.33	cps
Selenium	78-2	2904	3061	3037	3001	2.83	cps
Selenium	82-1	24531	24599	25229	24786	1.55	cps
Silicon	28-1	5758381	5758211	5799612	5772068	0.41	cps
Silver	109-1	1624687	1604006	1608191	1612295	0.68	cps
Silver	107-1	1701962	1737272	1715785	1718339	1.04	cps
Sodium	23-2	23867074	24050854	23702219	23873382	0.73	cps
Strontium	86-1	430906	422703	429432	427680	1.02	cps
Strontium	88-1	3763411	3733013	3748002	3748142	0.41	cps
Sulfur	34-1	381605	387676	376883	382055	1.42	cps
Terbium	159-1	3267286	3247440	3290533	3268420	0.66	cps
Terbium	159-2	2072439	2058081	2058519	2063013	0.40	cps
Thallium	203-1	966725	948754	952578	956019	0.99	cps
Thallium	205-1	2359873	2272530	2289430	2307278	2.01	cps
Tin	118-1	1038521	1053967	1048805	1047098	0.75	cps
Titanium	47-1	828721	828849	827616	828395	0.08	cps
Uranium	238-1	2912255	2848612	2822256	2861041	1.62	cps
Vanadium	51-2	372416	369514	370484	370805	0.40	cps
Yttrium	89-1	2882673	2879191	2836949	2866271	0.89	cps
Yttrium	89-2	403471	407506	405319	405432	0.50	cps
Zinc	66-2	192371	189627	191205	191068	0.72	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:08:00	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2343487	2271631	2315162	2310093	1.57	cps
Zirconium	91-1	505167	498006	499575	500916	0.75	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 13:12:36 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135	120	98	118	16.06	cps
Antimony	121-1	342	225	283	283	20.59	cps
Arsenic	75-1	472	430	411	438	7.13	cps
Barium	135-1	0	17	8	8	100.02	cps
Barium	137-1	33	42	50	42	19.99	cps
Beryllium	9-1	17	33	30	27	33.06	cps
Bismuth	209-1	1697940	1721270	1706895	1708702	0.69	cps
Bismuth	209-2	1326682	1334413	1373257	1344784	1.86	cps
Boron	11-1	1358	1275	1108	1247	10.21	cps
Boron	10-1	208	183	367	253	39.33	cps
Cadmium	106-1	2742	2650	2459	2617	5.53	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Cadmium	111-1	1924	1859	1724	1835	5.56	cps
Calcium	43-1	2064	1984	2004	2017	2.06	cps
Calcium	44-1	33964	34389	33945	34099	0.74	cps
Chromium	52-2	593	640	653	629	5.01	cps
Cobalt	59-2	10	13	13	12	15.73	cps
Copper	63-2	690	690	700	693	0.83	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	3023955	2970994	2982238	2992396	0.93	cps
Holmium	165-2	1918653	1932133	1998918	1949901	2.20	cps
Indium	115-1	2643140	2656844	2652678	2650887	0.27	cps
Indium	115-2	513704	510258	529978	517980	2.03	cps
Iron	56-2	1639	1589	1433	1554	6.90	cps
Iron	57-2	56	28	50	44	33.07	cps
Krypton	83-1	340	440	423	401	13.36	cps
Lead	207-1	656	478	528	554	16.56	cps
Lead	208-1	2567	2367	2278	2404	6.16	cps
Lead	206-1	628	672	644	648	3.47	cps
Lithium	6-1	154378	154980	154261	154539	0.25	cps
Magnesium	24-2	100	42	117	86	45.73	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:12:36	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	10	23	19	40.75	cps
Molybdenum	94-1	125	167	167	153	15.75	cps
Molybdenum	95-1	100	50	50	67	43.31	cps
Molybdenum	96-1	175	108	92	125	35.28	cps
Molybdenum	97-1	58	50	25	44	39.04	cps
Molybdenum	98-1	92	100	133	108	20.35	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	23	13	7	14	58.06	cps
Phosphorus	31-2	58	58	50	56	8.67	cps
Potassium	39-2	13424	12648	12790	12954	3.19	cps
Rhodium	103-1	2551990	2493052	2522093	2522378	1.17	cps
Rhodium	103-2	1762707	1752172	1797846	1770908	1.35	cps
Scandium	45-1	1500867	1543003	1501010	1514960	1.60	cps
Scandium	45-2	58314	57557	58538	58136	0.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	2	4	6	88.24	cps
Selenium	82-1	58	-61	-58	-20	-330.20	cps
Silicon	28-1	5191176	5269579	5193410	5218055	0.86	cps
Silver	109-1	292	250	258	267	8.27	cps
Silver	107-1	417	292	275	328	23.62	cps
Sodium	23-2	18079	17253	17845	17726	2.40	cps
Strontium	86-1	600	617	717	644	9.79	cps
Strontium	88-1	58	67	25	50	44.10	cps
Sulfur	34-1	272012	269700	271170	270961	0.43	cps
Terbium	159-1	3208977	3163703	3144343	3172341	1.05	cps
Terbium	159-2	1981135	1980161	2031709	1997668	1.48	cps
Thallium	203-1	175	67	75	106	57.11	cps
Thallium	205-1	242	258	300	267	11.27	cps
Tin	118-1	308	317	275	300	7.35	cps
Titanium	47-1	2809	2700	2650	2720	2.98	cps
Uranium	238-1	17	8	25	17	50.01	cps
Vanadium	51-2	23	30	23	26	15.07	cps
Yttrium	89-1	2786841	2807137	2858896	2817624	1.32	cps
Yttrium	89-2	385915	385833	402121	391289	2.40	cps
Zinc	66-2	93	100	103	99	5.15	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:12:36	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	225	275	233	244	10.96	cps
Zirconium	91-1	75	58	108	81	31.60	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-10	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	230	240	232	3.30	cps
Antimony	121-1	417	508	467	464	9.89	cps
Arsenic	75-1	710	736	684	710	3.65	cps
Barium	135-1	36418	36201	37939	36853	2.57	cps
Barium	137-1	62708	62934	64006	63216	1.10	cps
Beryllium	9-1	33	17	17	22	43.28	cps
Bismuth	209-1	1632009	1661626	1659795	1651144	1.01	cps
Bismuth	209-2	1337993	1298486	1319511	1318664	1.50	cps
Boron	11-1	5351	5918	6293	5854	8.10	cps
Boron	10-1	1092	1250	1150	1164	6.88	cps
Cadmium	106-1	2442	2325	2300	2356	3.21	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Cadmium	111-1	1723	1633	1617	1658	3.46	cps
Calcium	43-1	191826	192680	192832	192446	0.28	cps
Calcium	44-1	3130914	3214078	3140760	3161917	1.44	cps
Chromium	52-2	1350	1450	1493	1431	5.14	cps
Cobalt	59-2	123	163	177	154	17.97	cps
Copper	63-2	338522	331433	336673	335543	1.10	cps
Dysprosium	156-1	33	8	33	25	57.75	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	3	13	20	12	68.66	cps
Gadolinium	160-1	17	25	58	33	66.14	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	2945184	2953273	2949532	2949330	0.14	cps
Holmium	165-2	1951519	1949328	1970017	1956955	0.58	cps
Indium	115-1	2523604	2563674	2579555	2555611	1.13	cps
Indium	115-2	512767	517525	512843	514378	0.53	cps
Iron	56-2	15159	14925	15264	15116	1.15	cps
Iron	57-2	417	394	422	411	3.58	cps
Krypton	83-1	393	303	407	368	15.28	cps
Lead	207-1	750	889	861	833	8.82	cps
Lead	208-1	4162	4006	3995	4054	2.30	cps
Lead	206-1	1150	1050	928	1043	10.68	cps
Lithium	6-1	149062	150740	148742	149515	0.72	cps
Magnesium	24-2	352424	353276	350139	351946	0.46	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-10	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2234	2097	2287	2206	4.44	cps
Molybdenum	94-1	667	583	558	603	9.41	cps
Molybdenum	95-1	708	833	675	739	11.30	cps
Molybdenum	96-1	967	850	817	878	8.97	cps
Molybdenum	97-1	250	408	458	372	29.22	cps
Molybdenum	98-1	1250	1158	1083	1164	7.17	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	2734	2460	2590	2595	5.27	cps
Phosphorus	31-2	433	425	317	392	16.62	cps
Potassium	39-2	73467	73626	72278	73123	1.01	cps
Rhodium	103-1	2420709	2406019	2431034	2419254	0.52	cps
Rhodium	103-2	1744955	1739326	1724003	1736095	0.62	cps
Scandium	45-1	1499321	1509064	1484480	1497621	0.83	cps
Scandium	45-2	59318	58612	58267	58732	0.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	15	7	8	81.07	cps
Selenium	82-1	17	91	-1	36	136.22	cps
Silicon	28-1	9515976	9593025	9527658	9545553	0.44	cps
Silver	109-1	317	208	225	250	23.33	cps
Silver	107-1	383	325	233	314	24.09	cps
Sodium	23-2	3422661	3351543	3381395	3385199	1.05	cps
Strontium	86-1	112923	111378	109949	111417	1.33	cps
Strontium	88-1	944542	956580	958261	953127	0.79	cps
Sulfur	34-1	398767	395666	395266	396566	0.48	cps
Terbium	159-1	3130244	3116010	3153377	3133210	0.60	cps
Terbium	159-2	2021365	1977007	1988452	1995608	1.15	cps
Thallium	203-1	75	167	92	111	43.95	cps
Thallium	205-1	333	233	108	225	50.10	cps
Tin	118-1	417	292	583	431	33.99	cps
Titanium	47-1	2550	2842	2800	2731	5.78	cps
Uranium	238-1	400	375	342	372	7.86	cps
Vanadium	51-2	347	320	260	309	14.37	cps
Yttrium	89-1	2719531	2779734	2761782	2753683	1.12	cps
Yttrium	89-2	397130	400288	391206	396208	1.16	cps
Zinc	66-2	31095	31269	31022	31129	0.41	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-10	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-BR	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:16:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	450	317	350	372	18.64	cps
Zirconium	91-1	100	100	108	103	4.68	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-11	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:19:37	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	195	208	231	22.36	cps
Antimony	121-1	333	350	392	358	8.39	cps
Arsenic	75-1	735	586	713	678	11.84	cps
Barium	135-1	34195	33937	33986	34039	0.40	cps
Barium	137-1	57008	58539	60055	58534	2.60	cps
Beryllium	9-1	20	30	13	21	39.75	cps
Bismuth	209-1	1653033	1659680	1635785	1649499	0.75	cps
Bismuth	209-2	1331321	1324965	1351842	1336043	1.05	cps
Boron	11-1	5601	5410	5418	5476	1.98	cps
Boron	10-1	967	1058	942	989	6.21	cps
Cadmium	106-1	2209	2675	2584	2489	9.94	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Cadmium	111-1	1558	1874	1814	1748	9.58	cps
Calcium	43-1	185190	185789	185992	185657	0.22	cps
Calcium	44-1	3011507	3071929	3077118	3053518	1.19	cps
Chromium	52-2	4798	4754	4911	4821	1.68	cps
Cobalt	59-2	127	117	150	131	13.04	cps
Copper	63-2	232036	229656	227354	229682	1.02	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	10	17	20	16	32.73	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	0	17	13	10	88.20	cps
Gadolinium	160-1	58	33	33	42	34.65	cps
Gadolinium	160-2	17	17	20	18	10.81	cps
Holmium	165-1	2965220	3002012	2986450	2984561	0.62	cps
Holmium	165-2	1968015	1977811	2010446	1985424	1.12	cps
Indium	115-1	2530325	2613609	2618262	2587399	1.91	cps
Indium	115-2	513206	511776	513124	512702	0.16	cps
Iron	56-2	26865	28452	27561	27626	2.88	cps
Iron	57-2	722	711	761	732	3.59	cps
Krypton	83-1	423	403	373	400	6.29	cps
Lead	207-1	1400	1411	1306	1372	4.23	cps
Lead	208-1	6484	6356	6584	6475	1.76	cps
Lead	206-1	1661	1522	1689	1624	5.50	cps
Lithium	6-1	147502	150877	151796	150059	1.51	cps
Magnesium	24-2	359061	357387	351980	356143	1.04	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-11	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:19:37	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1410	1480	1377	1422	3.71	cps
Molybdenum	94-1	558	417	517	497	14.64	cps
Molybdenum	95-1	792	750	800	781	3.43	cps
Molybdenum	96-1	842	767	1025	878	15.14	cps
Molybdenum	97-1	408	417	417	414	1.16	cps
Molybdenum	98-1	1200	1358	1150	1236	8.80	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	770	830	810	803	3.80	cps
Phosphorus	31-2	433	483	392	436	10.52	cps
Potassium	39-2	73778	72638	72378	72931	1.02	cps
Rhodium	103-1	2403398	2440043	2432329	2425257	0.80	cps
Rhodium	103-2	1742355	1754065	1733590	1743336	0.59	cps
Scandium	45-1	1500463	1506237	1486724	1497808	0.67	cps
Scandium	45-2	58431	57812	58327	58190	0.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	13	15	11	44.06	cps
Selenium	82-1	-7	-6	2	-4	-134.08	cps
Silicon	28-1	9376106	9486199	9436242	9432849	0.58	cps
Silver	109-1	250	267	200	239	14.52	cps
Silver	107-1	158	350	250	253	37.93	cps
Sodium	23-2	3406220	3337749	3340490	3361486	1.15	cps
Strontium	86-1	106944	106347	106976	106756	0.33	cps
Strontium	88-1	913510	925921	926295	921909	0.79	cps
Sulfur	34-1	395394	399171	398405	397657	0.50	cps
Terbium	159-1	3049412	3129489	3189720	3122874	2.25	cps
Terbium	159-2	1999424	2050628	2010340	2020131	1.34	cps
Thallium	203-1	33	33	25	31	15.75	cps
Thallium	205-1	108	58	75	81	31.60	cps
Tin	118-1	317	250	275	281	12.00	cps
Titanium	47-1	3000	2967	2625	2864	7.25	cps
Uranium	238-1	267	258	217	247	10.84	cps
Vanadium	51-2	277	300	270	282	5.58	cps
Yttrium	89-1	2729465	2775436	2789953	2764952	1.14	cps
Yttrium	89-2	389851	394069	394050	392657	0.62	cps
Zinc	66-2	95550	95426	95315	95430	0.12	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-11	Instrumnet Name :	P8
Client Sample ID :	PRE-TODD-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:19:37	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	325	317	314	4.06	cps
Zirconium	91-1	33	92	58	61	47.89	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-12	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:23:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	208	170	197	11.81	cps
Antimony	121-1	383	400	292	358	16.28	cps
Arsenic	75-1	704	681	599	661	8.38	cps
Barium	135-1	32399	34112	33928	33479	2.81	cps
Barium	137-1	58974	57727	58514	58405	1.08	cps
Beryllium	9-1	13	13	20	16	24.76	cps
Bismuth	209-1	1671902	1642034	1624062	1645999	1.47	cps
Bismuth	209-2	1315747	1318019	1319710	1317825	0.15	cps
Boron	11-1	6477	6535	6543	6518	0.56	cps
Boron	10-1	1325	1292	1142	1253	7.80	cps
Cadmium	106-1	2400	2284	2467	2384	3.89	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Cadmium	111-1	1674	1600	1715	1663	3.52	cps
Calcium	43-1	228779	231441	231329	230517	0.65	cps
Calcium	44-1	3717500	3782861	3778640	3759667	0.97	cps
Chromium	52-2	2150	2147	2194	2164	1.20	cps
Cobalt	59-2	327	333	300	320	5.51	cps
Copper	63-2	249535	250579	248968	249694	0.33	cps
Dysprosium	156-1	8	50	42	33	66.15	cps
Dysprosium	156-2	7	0	17	8	107.84	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	92	42	33	56	56.79	cps
Gadolinium	160-2	17	33	40	30	40.05	cps
Holmium	165-1	2927379	2924162	2964863	2938802	0.77	cps
Holmium	165-2	1962419	1955131	1953272	1956941	0.25	cps
Indium	115-1	2535374	2560076	2617018	2570823	1.63	cps
Indium	115-2	509104	509071	506934	508370	0.24	cps
Iron	56-2	16938	16827	16560	16775	1.16	cps
Iron	57-2	544	494	500	513	5.34	cps
Krypton	83-1	420	373	377	390	6.67	cps
Lead	207-1	906	928	878	904	2.77	cps
Lead	208-1	4173	3989	4167	4110	2.54	cps
Lead	206-1	1033	1017	1167	1072	7.67	cps
Lithium	6-1	148457	148426	149997	148960	0.60	cps
Magnesium	24-2	374068	371162	371524	372251	0.43	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-12	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:23:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2110	2164	2024	2099	3.37	cps
Molybdenum	94-1	433	675	458	522	25.45	cps
Molybdenum	95-1	767	708	700	725	5.01	cps
Molybdenum	96-1	667	633	675	658	3.35	cps
Molybdenum	97-1	400	317	425	381	14.91	cps
Molybdenum	98-1	1133	1042	958	1045	8.38	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	680	710	653	681	4.16	cps
Phosphorus	31-2	292	400	442	378	20.49	cps
Potassium	39-2	71490	72068	70678	71412	0.98	cps
Rhodium	103-1	2362548	2417659	2432628	2404278	1.54	cps
Rhodium	103-2	1730592	1762388	1703477	1732152	1.70	cps
Scandium	45-1	1496482	1509757	1524994	1510411	0.94	cps
Scandium	45-2	57571	57206	56841	57206	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	11	7	56.78	cps
Selenium	82-1	12	44	7	21	94.38	cps
Silicon	28-1	9872813	9909563	9865588	9882655	0.24	cps
Silver	109-1	208	167	258	211	21.74	cps
Silver	107-1	267	242	192	233	16.37	cps
Sodium	23-2	3392281	3351007	3329929	3357739	0.94	cps
Strontium	86-1	124808	124918	127938	125888	1.41	cps
Strontium	88-1	1076865	1089129	1096103	1087366	0.90	cps
Sulfur	34-1	409728	409723	408347	409266	0.19	cps
Terbium	159-1	3106190	3116207	3167063	3129820	1.04	cps
Terbium	159-2	2019481	2016197	2027924	2021201	0.30	cps
Thallium	203-1	58	75	33	56	37.75	cps
Thallium	205-1	92	67	58	72	24.02	cps
Tin	118-1	283	300	300	294	3.27	cps
Titanium	47-1	2900	2975	2875	2917	1.78	cps
Uranium	238-1	1108	1217	1217	1181	5.30	cps
Vanadium	51-2	337	343	347	342	1.49	cps
Yttrium	89-1	2694482	2731382	2814225	2746696	2.23	cps
Yttrium	89-2	388586	387130	387829	387848	0.19	cps
Zinc	66-2	21233	21120	21156	21170	0.27	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	K2243-12	Instrumnet Name :	P8
Client Sample ID :	LOUNGE-DISH	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:23:08	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	250	200	317	256	22.90	cps
Zirconium	91-1	75	50	142	89	53.31	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:26:37	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	516569	513698	513566	514611	0.33	cps
Antimony	121-1	1642370	1614043	1644062	1633492	1.03	cps
Arsenic	75-1	472799	474600	478399	475266	0.60	cps
Barium	135-1	1656362	1649687	1646832	1650960	0.30	cps
Barium	137-1	2849212	2831004	2865889	2848702	0.61	cps
Beryllium	9-1	141046	138785	141477	140436	1.03	cps
Bismuth	209-1	1630325	1615448	1606909	1617561	0.73	cps
Bismuth	209-2	1300077	1302055	1302060	1301397	0.09	cps
Boron	11-1	88598	88280	90637	89172	1.43	cps
Boron	10-1	16869	16894	17370	17044	1.66	cps
Cadmium	106-1	40061	39333	40202	39866	1.17	cps
Cadmium	108-1	26318	26034	26217	26190	0.55	cps
Cadmium	111-1	363707	362428	363324	363153	0.18	cps
Calcium	43-1	1742260	1784525	1764525	1763770	1.20	cps
Calcium	44-1	27712253	28092168	28279437	28027953	1.03	cps
Chromium	52-2	509211	508194	502136	506514	0.76	cps
Cobalt	59-2	857268	861056	859060	859128	0.22	cps
Copper	63-2	1331626	1324096	1313835	1323186	0.67	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	33	58	25	39	44.62	cps
Gadolinium	160-2	27	17	13	19	36.75	cps
Holmium	165-1	3050436	2996217	2999214	3015289	1.01	cps
Holmium	165-2	2009097	1994876	1999963	2001312	0.36	cps
Indium	115-1	2551370	2542124	2572031	2555175	0.60	cps
Indium	115-2	503666	504347	505190	504401	0.15	cps
Iron	56-2	92730394	93346122	91922022	92666179	0.77	cps
Iron	57-2	2323167	2338889	2332944	2331667	0.34	cps
Krypton	83-1	470	407	433	437	7.28	cps
Lead	207-1	661596	665205	658965	661922	0.47	cps
Lead	208-1	3007926	3000287	2956724	2988312	0.92	cps
Lead	206-1	738775	726337	722611	729241	1.16	cps
Lithium	6-1	148664	147670	147616	147983	0.40	cps
Magnesium	24-2	9559724	9527343	9455982	9514349	0.56	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:26:37	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	370559	371801	368415	370258	0.46	cps
Molybdenum	94-1	2702249	2704462	2670378	2692363	0.71	cps
Molybdenum	95-1	3384564	3395664	3379694	3386641	0.24	cps
Molybdenum	96-1	3677064	3770180	3676212	3707819	1.46	cps
Molybdenum	97-1	2073945	2098777	2074220	2082314	0.68	cps
Molybdenum	98-1	5302057	5355205	5257759	5305007	0.92	cps
Neodymium	150-1	73	73	80	76	5.09	cps
Neodymium	150-2	20	13	10	14	35.26	cps
Nickel	60-2	246056	240622	240366	242348	1.33	cps
Phosphorus	31-2	10246	10096	10021	10121	1.13	cps
Potassium	39-2	4589045	4585254	4540153	4571484	0.59	cps
Rhodium	103-1	2421696	2404285	2375025	2400335	0.98	cps
Rhodium	103-2	1715286	1726616	1700010	1713971	0.78	cps
Scandium	45-1	1513585	1531980	1517281	1520949	0.64	cps
Scandium	45-2	60520	59957	60393	60290	0.49	cps
Selenium	77-2	877	930	893	900	3.03	cps
Selenium	78-2	2949	2823	2898	2890	2.19	cps
Selenium	82-1	24496	24995	24547	24679	1.11	cps
Silicon	28-1	5727366	5730538	5817462	5758455	0.89	cps
Silver	109-1	1586881	1582066	1601172	1590039	0.62	cps
Silver	107-1	1669237	1692000	1658074	1673103	1.03	cps
Sodium	23-2	24211145	24132938	23946194	24096759	0.56	cps
Strontium	86-1	424706	425774	422192	424224	0.43	cps
Strontium	88-1	3704623	3715929	3743630	3721394	0.54	cps
Sulfur	34-1	377263	372103	371233	373533	0.87	cps
Terbium	159-1	3192108	3200243	3212482	3201611	0.32	cps
Terbium	159-2	2014738	2027100	2056652	2032830	1.06	cps
Thallium	203-1	944564	919164	926172	929967	1.41	cps
Thallium	205-1	2279845	2266019	2222690	2256184	1.32	cps
Tin	118-1	1035066	1023465	1031064	1029865	0.57	cps
Titanium	47-1	819790	831445	823129	824788	0.73	cps
Uranium	238-1	2745986	2767766	2726686	2746812	0.75	cps
Vanadium	51-2	374569	372128	372623	373107	0.35	cps
Yttrium	89-1	2889904	2846883	2858639	2865142	0.78	cps
Yttrium	89-2	402737	397923	405006	401889	0.90	cps
Zinc	66-2	194182	191696	189851	191909	1.13	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:26:37	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2291493	2290634	2283031	2288386	0.20	cps
Zirconium	91-1	495317	495747	500226	497097	0.55	cps

LB Number : LB101941 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P8
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-08 13:33:30 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	113	125	123	7.36	cps
Antimony	121-1	192	200	117	169	27.09	cps
Arsenic	75-1	466	441	429	445	4.23	cps
Barium	135-1	8	25	25	19	49.50	cps
Barium	137-1	42	33	42	39	12.38	cps
Beryllium	9-1	0	13	27	13	100.01	cps
Bismuth	209-1	1641203	1690715	1670710	1667543	1.49	cps
Bismuth	209-2	1367542	1369197	1297200	1344646	3.06	cps
Boron	11-1	1000	1008	850	953	9.35	cps
Boron	10-1	100	183	200	161	33.25	cps
Cadmium	106-1	2534	2525	2442	2500	2.03	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Cadmium	111-1	1780	1765	1722	1756	1.72	cps
Calcium	43-1	1920	1850	2037	1936	4.87	cps
Calcium	44-1	33550	33657	33597	33601	0.16	cps
Chromium	52-2	653	587	670	637	6.93	cps
Cobalt	59-2	30	27	13	23	37.81	cps
Copper	63-2	537	633	500	557	12.37	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	8	25	67	33	90.15	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	2916607	3032674	2931875	2960385	2.13	cps
Holmium	165-2	1999201	1996983	1905067	1967084	2.73	cps
Indium	115-1	2572800	2639505	2599068	2603791	1.29	cps
Indium	115-2	531276	534047	502653	522659	3.33	cps
Iron	56-2	1367	1417	1472	1419	3.72	cps
Iron	57-2	33	56	83	57	43.64	cps
Krypton	83-1	367	427	403	399	7.58	cps
Lead	207-1	417	383	394	398	4.26	cps
Lead	208-1	1767	1789	1683	1746	3.19	cps
Lead	206-1	372	439	461	424	10.91	cps
Lithium	6-1	148809	151901	151565	150758	1.13	cps
Magnesium	24-2	192	200	167	186	9.32	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:33:30	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	17	23	17	39.99	cps
Molybdenum	94-1	125	150	133	136	9.35	cps
Molybdenum	95-1	67	58	42	56	22.91	cps
Molybdenum	96-1	133	58	67	86	47.74	cps
Molybdenum	97-1	58	25	50	44	39.04	cps
Molybdenum	98-1	67	117	50	78	44.61	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	33	13	30	26	41.94	cps
Phosphorus	31-2	58	42	58	53	18.23	cps
Potassium	39-2	13057	13298	12623	12993	2.63	cps
Rhodium	103-1	2404634	2550356	2501154	2485381	2.98	cps
Rhodium	103-2	1817182	1807850	1721913	1782315	2.95	cps
Scandium	45-1	1486943	1554846	1510941	1517576	2.27	cps
Scandium	45-2	59602	61072	57675	59450	2.87	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	6	6	7	43.24	cps
Selenium	82-1	28	-43	-17	-10	-345.58	cps
Silicon	28-1	5158823	5129591	5161644	5150019	0.34	cps
Silver	109-1	383	275	333	331	16.40	cps
Silver	107-1	242	242	267	250	5.77	cps
Sodium	23-2	17428	17878	18004	17770	1.70	cps
Strontium	86-1	575	442	600	539	15.79	cps
Strontium	88-1	17	75	42	44	65.84	cps
Sulfur	34-1	269327	270722	267500	269183	0.60	cps
Terbium	159-1	3070922	3188325	3188439	3149229	2.15	cps
Terbium	159-2	2046046	2042326	1960204	2016192	2.41	cps
Thallium	203-1	142	117	75	111	30.32	cps
Thallium	205-1	300	375	183	286	33.76	cps
Tin	118-1	183	200	158	181	11.62	cps
Titanium	47-1	2817	2742	2817	2792	1.55	cps
Uranium	238-1	42	17	8	22	78.07	cps
Vanadium	51-2	23	30	50	34	40.30	cps
Yttrium	89-1	2741658	2835583	2772030	2783090	1.72	cps
Yttrium	89-2	405970	400663	381070	395901	3.31	cps
Zinc	66-2	70	83	83	79	9.76	cps

LB Number :	LB101941	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-04-08 13:33:30	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	250	133	250	211	31.91	cps
Zirconium	91-1	75	83	125	94	28.37	cps