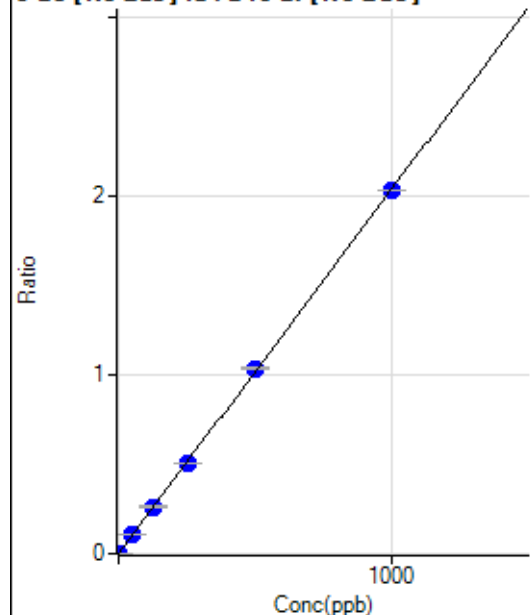


Batch Folder: D:\P8011619.b\
Analysis File: P8011619.batch.bin
DA Date-Time: 2019-01-16 15:55:31
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-16 13:45:03
2			
3	005CAL.S.d	S02	2019-01-16 13:52:23
4	006CAL.S.d	S03	2019-01-16 13:56:14
5	007CAL.S.d	S04	2019-01-16 14:00:04
6	008CAL.S.d	S05	2019-01-16 14:03:51
7	009CAL.S.d	S06	2019-01-16 14:07:30
8	010CAL.S.d	S07	2019-01-16 14:11:05
9	011CAL.S.d	S08	2019-01-16 14:14:32

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0001	P	23.7
2	☐	0.100					
3	☐	1.000	0.927	727.81	0.0020	P	4.3
4	☐	50.000	51.449	39500.92	0.1050	P	1.7
5	☐	125.000	128.280	101570.87	0.2618	P	1.7
6	☐	250.000	247.376	200525.57	0.5048	P	1.1
7	☐	500.000	508.252	421797.54	1.0370	P	0.7
8	☐	1000.000	996.048	847962.06	2.0323	P	0.1
9	☐			115.56	0.0003	P	23.6

$$y = 0.0020 * x + 6.2677E-005$$

$$R = 0.9999$$

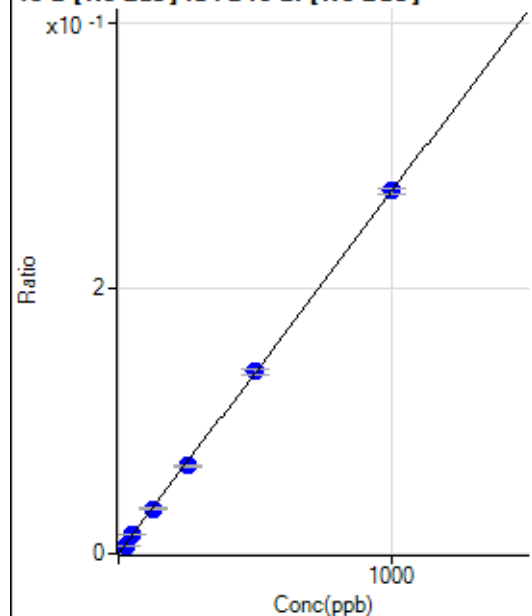
$$DL = 0.0218$$

$$BEC = 0.03072$$

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	58.33	0.0002	P	72.4
2	☐	2.500					
3	☐	25.000	21.553	2247.51	0.0060	P	12.6
4	☐	50.000	51.426	5345.69	0.0142	P	1.5
5	☐	125.000	123.205	13123.14	0.0338	P	4.4
6	☐	250.000	241.323	26261.24	0.0661	P	3.0
7	☐	500.000	501.497	55815.23	0.1372	P	3.3
8	☐	1000.000	1001.660	114284.38	0.2739	P	1.7
9	☐			2555.89	0.0057	P	9.8

$$y = 2.7331E-004 * x + 1.5564E-004$$

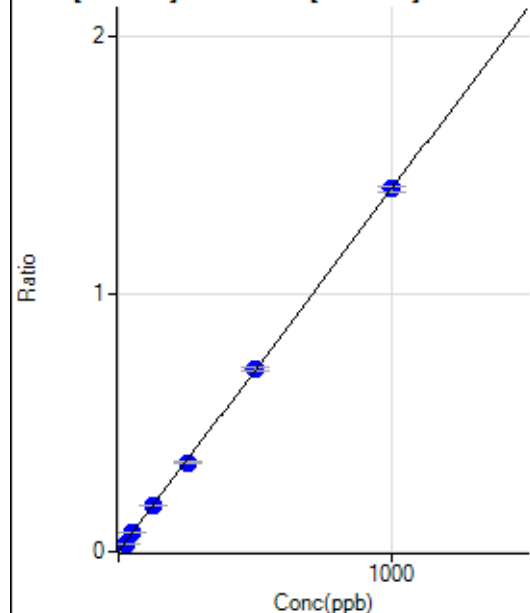
$$R = 1.0000$$

$$DL = 1.237$$

$$BEC = 0.5694$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	441.69	0.0012	P	7.6
2	☐	2.500					
3	☐	25.000	22.152	12027.78	0.0323	P	4.2
4	☐	50.000	50.698	27246.14	0.0725	P	2.5
5	☐	125.000	125.420	68874.47	0.1775	P	0.2
6	☐	250.000	244.624	137084.83	0.3451	P	1.2
7	☐	500.000	502.355	287712.14	0.7073	P	1.6
8	☐	1000.000	1000.150	587067.60	1.4071	P	1.5
9	☐			13025.86	0.0292	P	11.9

$$y = 0.0014 * x + 0.0012$$

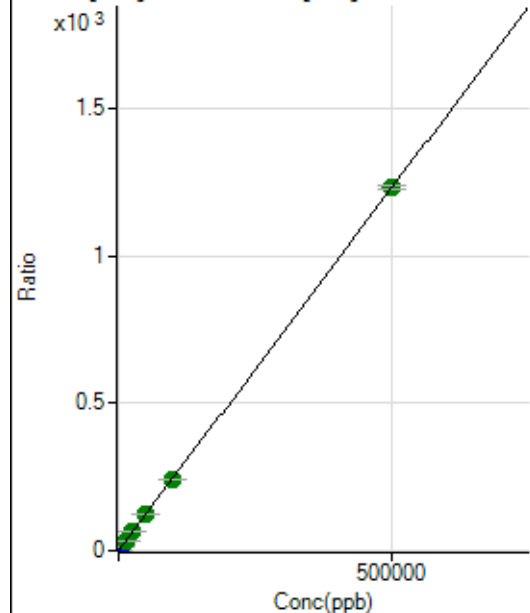
$$R = 1.0000$$

$$DL = 0.1927$$

$$BEC = 0.8454$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13926.83	0.3737	P	1.2
2	☐	50.000					
3	☐	500.000	465.158	55213.82	1.5166	P	1.7
4	☐	5000.000	4990.081	469411.82	12.6345	P	0.3
5	☐	12500.000	12815.474	1181182.11	31.8618	A	0.5
6	☐	25000.000	25716.404	2313622.77	63.5598	A	1.3
7	☐	50000.000	50510.668	4677545.76	124.4802	A	1.1
8	☐	100000.00	97636.159	9253595.43	240.2692	A	0.7
9	☐	500000.00	500378.12	49409432.70	1,229.820	A	0.9

$$y = 0.0025 * x + 0.3737$$

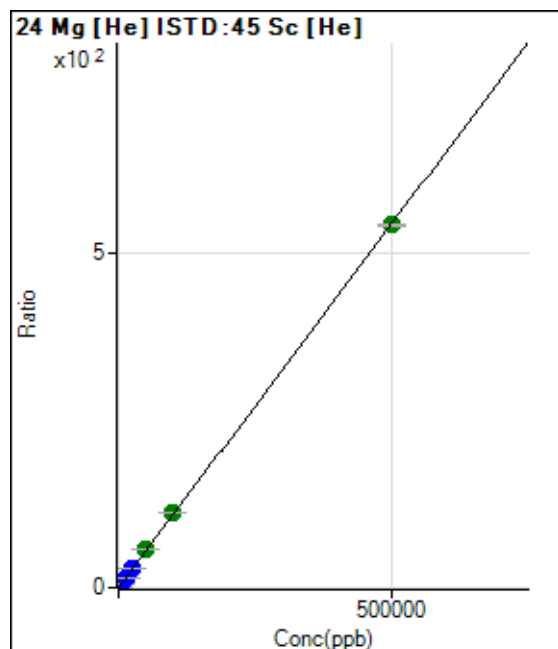
$$R = 1.0000$$

$$DL = 5.55$$

$$BEC = 152.1$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	352.80	0.0095	P	7.3
2	☐	50.000					
3	☐	500.000	477.791	19286.30	0.5299	P	3.1
4	☐	5000.000	5346.692	216709.54	5.8330	P	0.9
5	☐	12500.000	13431.140	542643.86	14.6383	P	1.1
6	☐	25000.000	26817.082	1063567.70	29.2180	P	0.8
7	☐	50000.000	53792.026	2201942.17	58.5984	A	1.0
8	☐	100000.00	103251.53	4331533.60	112.4685	A	0.8
9	☐	500000.00	498852.91	21830241.81	543.3476	A	0.6

$$y = 0.0011 * x + 0.0095$$

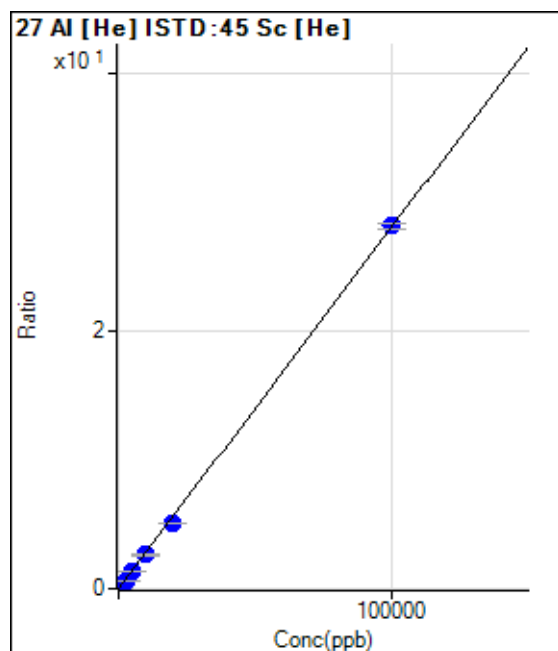
$$R = 1.0000$$

$$DL = 1.914$$

$$BEC = 8.693$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.51	0.0014	P	22.0
2	☐	2.000					
3	☐	20.000	19.348	248.40	0.0068	P	8.1
4	☐	1000.000	924.599	9673.30	0.2604	P	1.8
5	☐	2500.000	2349.339	24445.50	0.6594	P	0.8
6	☐	5000.000	4690.685	47870.37	1.3152	P	1.9
7	☐	10000.000	9354.388	98503.06	2.6213	P	1.0
8	☐	20000.000	18234.053	196739.02	5.1083	P	0.6
9	☐	100000.00	100437.73	1130230.07	28.1315	P	1.3

$$y = 2.8008E-004 * x + 0.0014$$

$$R = 0.9998$$

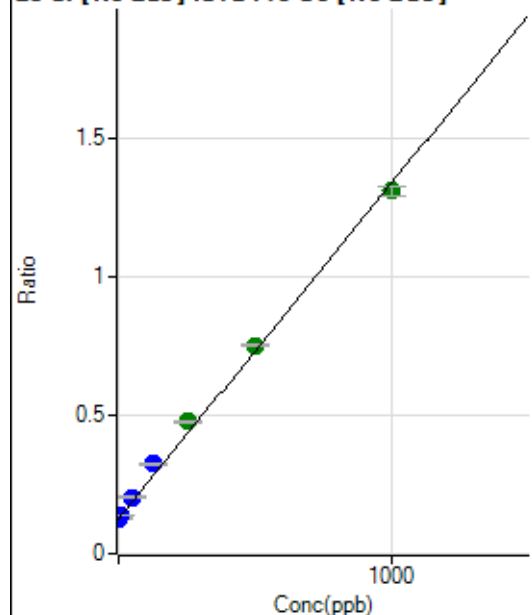
$$DL = 3.314$$

$$BEC = 5.033$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	306587.11	0.1270	P	3.1
2	☐	1.000					
3	☐	10.000	9.384	334386.67	0.1384	P	0.9
4	☐	50.000	64.076	497007.77	0.2048	P	1.2
5	☐	125.000	162.913	789565.17	0.3248	P	0.9
6	☐	250.000	288.739	1169153.86	0.4776	A	0.6
7	☐	500.000	516.140	1861222.48	0.7537	A	1.3
8	☐	1000.000	976.808	3280597.45	1.3131	A	2.4
9	☐			430613.29	0.1732	P	0.7

$$y = 0.0012 * x + 0.1270$$

$$R = 0.9985$$

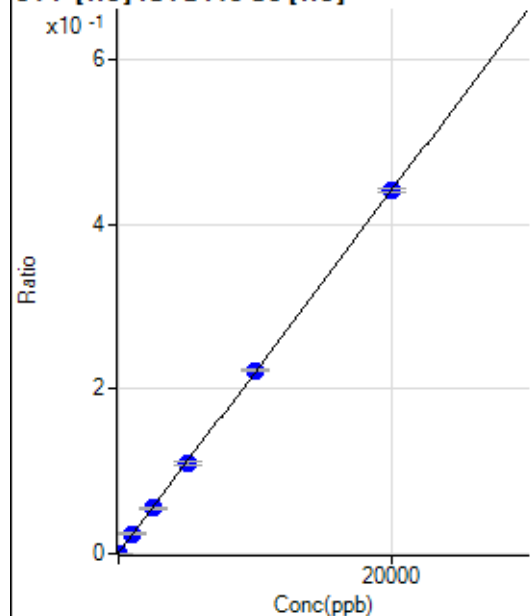
$$DL = 9.726$$

$$BEC = 104.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-3.762	22.22	0.0006	P	21.7
2	☐	0.000					
3	☐	0.000	3.762	27.78	0.0008	P	34.3
4	☐	1000.000	1061.769	894.51	0.0241	P	5.1
5	☐	2500.000	2474.149	2047.46	0.0552	P	3.5
6	☐	5000.000	4936.029	3984.09	0.1095	P	5.6
7	☐	10000.000	10073.210	8369.48	0.2227	P	1.1
8	☐	20000.000	19979.531	16985.91	0.4410	P	1.2
9	☐			33.34	0.0008	P	66.6

$$y = 2.2041E-005 * x + 6.7931E-004$$

$$R = 1.0000$$

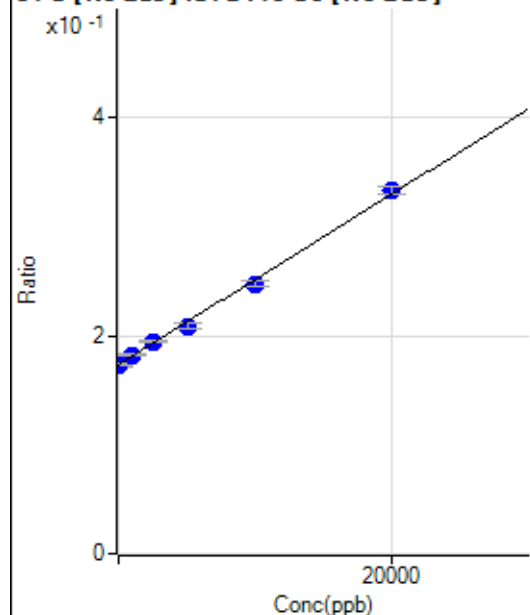
$$DL = 26.6$$

$$BEC = 30.82$$

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	20.745	419183.44	0.1737	P	3.3
2	☐	0.000					
3	☐	0.000	-20.745	418788.75	0.1733	P	0.9
4	☐	1000.000	1123.182	442338.28	0.1823	P	0.6
5	☐	2500.000	2711.724	473254.75	0.1947	P	1.0
6	☐	5000.000	4530.960	511362.80	0.2089	P	1.8
7	☐	10000.000	9418.833	610158.18	0.2471	P	2.2
8	☐	20000.000	20375.219	831355.41	0.3327	P	2.1
9	☐			435781.52	0.1753	P	0.5

$$y = 7.8153\text{E-}006 * x + 0.1735$$

$$R = 0.9989$$

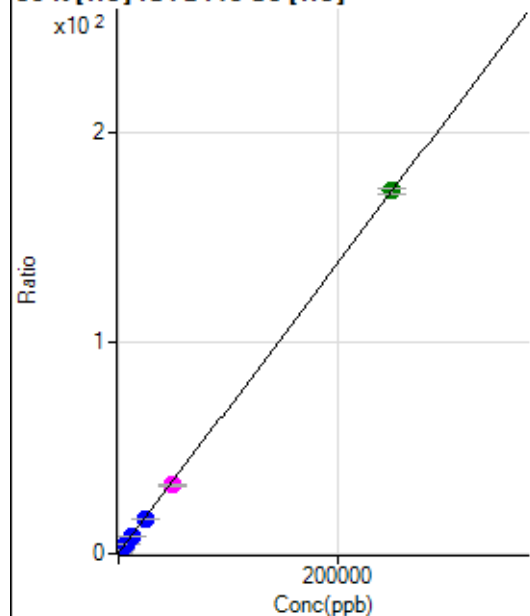
$$DL = 1403$$

$$BEC = 2.22\text{E}+04$$

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	6701.91	0.1798	P	3.5
2	☐	50.000					
3	☐	500.000	462.133	18076.17	0.4965	P	1.5
4	☐	2500.000	2448.089	69005.86	1.8573	P	0.4
5	☐	6250.000	6049.902	160350.68	4.3253	P	0.6
6	☐	12500.000	12144.618	309451.25	8.5014	P	1.4
7	☐	25000.000	24218.235	630324.27	16.7743	P	1.0
8	☐	50000.000	47055.354	1248696.53	32.4225	M	0.6
9	☐	250000.00	250690.47	6908352.58	171.9545	A	1.6

$$y = 6.8521\text{E-}004 * x + 0.1798$$

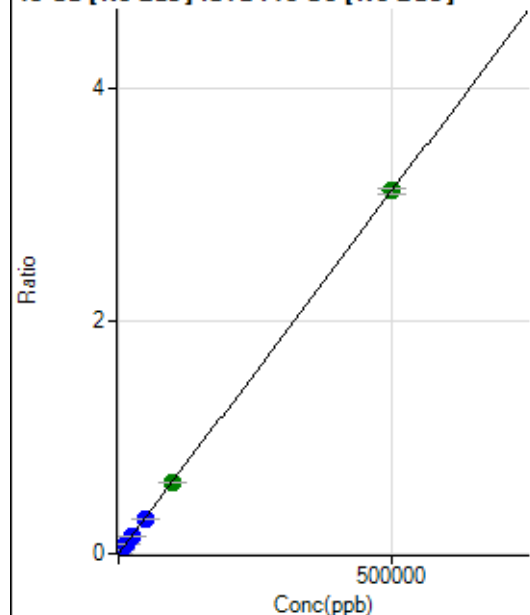
$$R = 0.9999$$

$$DL = 27.77$$

$$BEC = 262.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	237.78	0.0001	P	9.8
2	☐	50.000					
3	☐	500.000	429.481	6715.04	0.0028	P	1.9
4	☐	5000.000	4791.441	72824.87	0.0300	P	0.3
5	☐	12500.000	12029.596	182776.70	0.0752	P	1.1
6	☐	25000.000	23753.408	363231.69	0.1484	P	0.5
7	☐	50000.000	48548.045	748605.73	0.3032	P	1.5
8	☐	100000.00	98474.169	1536280.29	0.6148	A	1.3
9	☐	500000.00	500526.60	7768715.37	3.1247	A	1.3

$$y = 6.2426E-006 * x + 9.8442E-005$$

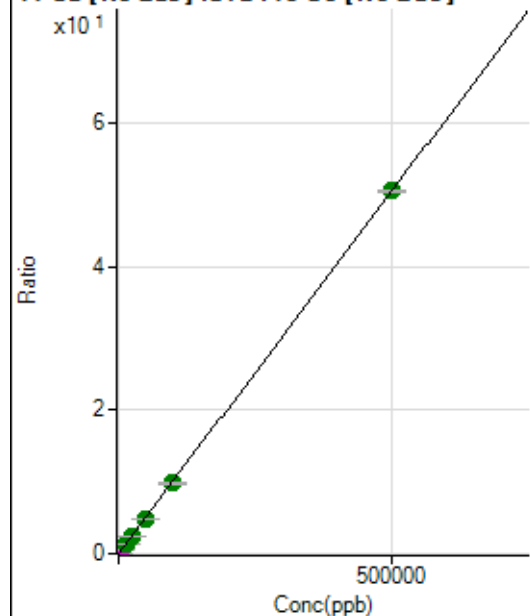
$$R = 1.0000$$

$$DL = 4.641$$

$$BEC = 15.77$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25995.34	0.0108	P	3.3
2	☐	50.000					
3	☐	500.000	430.514	131118.45	0.0543	P	0.5
4	☐	5000.000	4804.605	1204252.16	0.4962	M	0.6
5	☐	12500.000	12308.493	3049338.15	1.2545	A	0.1
6	☐	25000.000	23765.219	5904576.93	2.4121	A	0.9
7	☐	50000.000	48340.493	12088552.46	4.8953	A	0.9
8	☐	100000.00	96927.983	24498899.91	9.8048	A	1.4
9	☐	500000.00	500848.90	125858960.3	50.6186	A	0.7

$$y = 1.0104E-004 * x + 0.0108$$

$$R = 1.0000$$

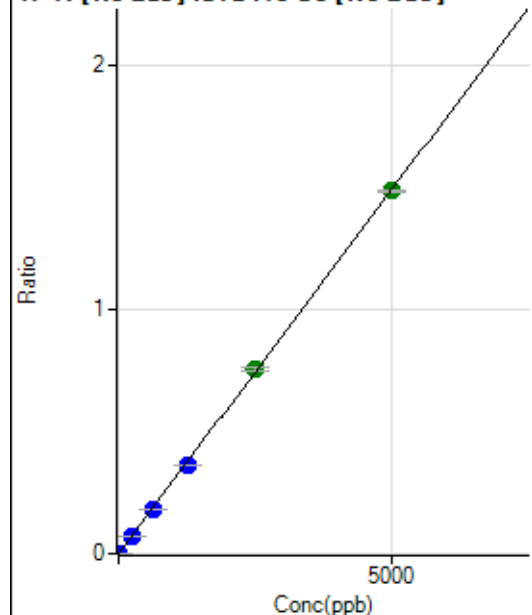
$$DL = 10.62$$

$$BEC = 106.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	28.3
2	☐	0.500					
3	☐	5.000	4.585	3417.24	0.0014	P	2.2
4	☐	250.000	247.254	179025.25	0.0738	P	0.8
5	☐	625.000	618.973	448734.19	0.1846	P	0.6
6	☐	1250.000	1216.730	888190.32	0.3628	P	1.0
7	☐	2500.000	2542.062	1871726.24	0.7580	A	1.6
8	☐	5000.000	4988.178	3716941.06	1.4874	A	0.3
9	☐			902.85	0.0004	P	8.6

$$y = 2.9817E-004 * x + 4.7372E-005$$

$$R = 0.9999$$

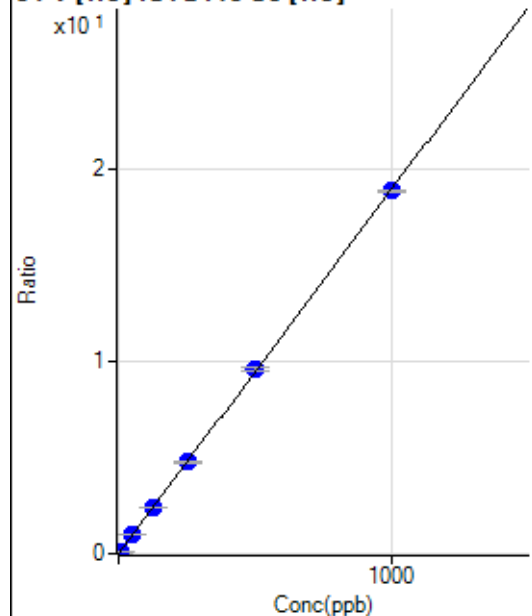
$$DL = 0.1351$$

$$BEC = 0.1589$$

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	26.66	0.0007	P	57.3
2	☐	0.500					
3	☐	5.000	4.799	3331.56	0.0915	P	1.8
4	☐	50.000	50.601	35583.15	0.9578	P	1.4
5	☐	125.000	125.545	88048.91	2.3753	P	1.8
6	☐	250.000	251.496	173182.29	4.7576	P	0.8
7	☐	500.000	507.035	360393.69	9.5909	P	1.1
8	☐	1000.000	996.011	725572.52	18.8396	P	0.8
9	☐			162.22	0.0040	P	13.1

$$y = 0.0189 * x + 7.1573E-004$$

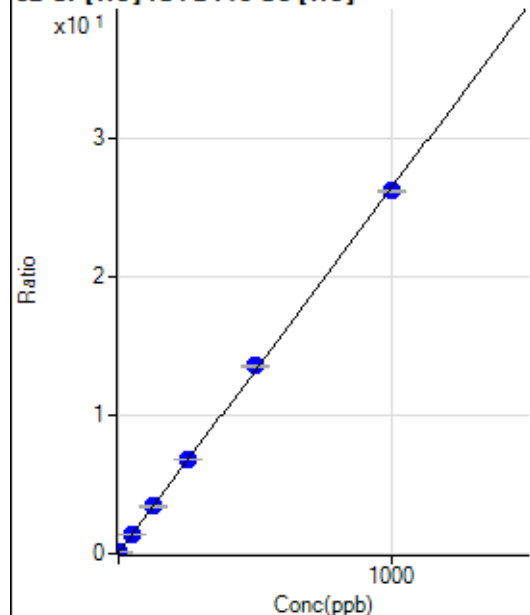
$$R = 1.0000$$

$$DL = 0.06503$$

$$BEC = 0.03784$$

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	1935.73	0.0520	P	5.3
2	☐	0.200					
3	☐	2.000	1.899	3716.11	0.1021	P	4.8
4	☐	50.000	50.923	51897.15	1.3969	P	0.9
5	☐	125.000	127.143	126408.64	3.4099	P	1.0
6	☐	250.000	255.613	247631.02	6.8030	P	1.3
7	☐	500.000	512.193	510281.27	13.5796	P	0.9
8	☐	1000.000	992.186	1011237.61	26.2567	P	0.4
9	☐			14907.02	0.3710	P	0.3

$$y = 0.0264 * x + 0.0520$$

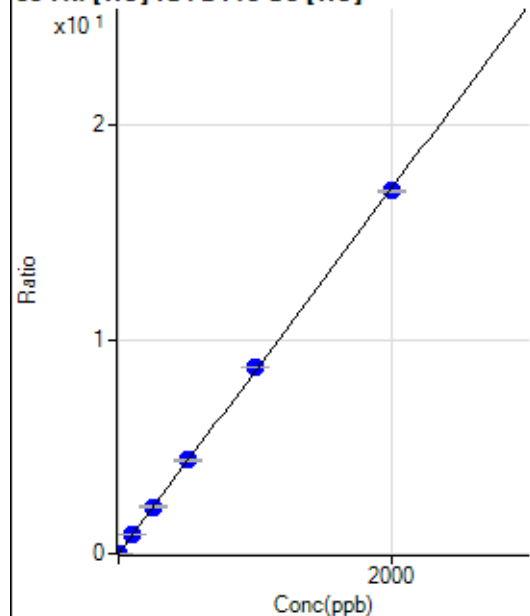
$$R = 0.9999$$

$$DL = 0.3122$$

$$BEC = 1.967$$

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	72.22	0.0019	P	14.4
2	☐	0.100					
3	☐	1.000	0.971	371.12	0.0102	P	13.1
4	☐	100.000	100.970	32030.24	0.8622	P	1.4
5	☐	250.000	255.866	80876.97	2.1818	P	1.7
6	☐	500.000	510.959	158526.84	4.3551	P	1.4
7	☐	1000.000	1019.268	326391.88	8.6857	P	0.6
8	☐	2000.000	1986.845	652002.07	16.9291	P	0.3
9	☐			3951.74	0.0983	P	3.0

$$y = 0.0085 * x + 0.0019$$

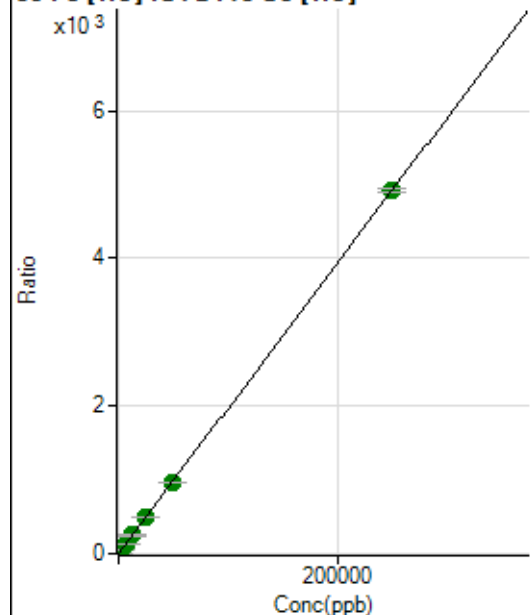
$$R = 0.9999$$

$$DL = 0.09824$$

$$BEC = 0.2276$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4000.71	0.1074	P	1.1
2	☐	5.000					
3	☐	50.000	50.249	39835.16	1.0943	P	2.2
4	☐	2500.000	2542.225	1859158.75	50.0387	A	0.3
5	☐	6250.000	6282.179	4577855.60	123.4945	A	1.8
6	☐	12500.000	12632.619	9035519.88	248.2223	A	1.0
7	☐	25000.000	25137.746	18556099.49	493.8331	A	1.5
8	☐	50000.000	48956.291	37036177.68	961.6487	A	0.7
9	☐	250000.00	250187.11	197422598.8	4,913.985	A	1.1

$$y = 0.0196 * x + 0.1074$$

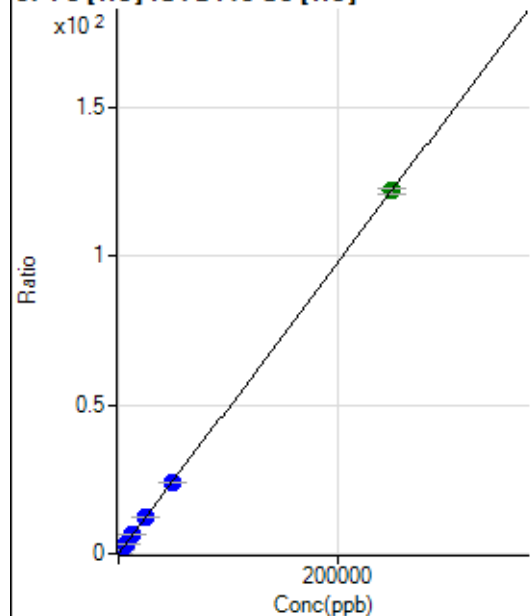
$$R = 1.0000$$

$$DL = 0.1812$$

$$BEC = 5.466$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0030	P	5.1
2	☐	5.000					
3	☐	50.000	47.087	944.51	0.0260	P	6.3
4	☐	2500.000	2486.489	45192.09	1.2163	P	1.5
5	☐	6250.000	6246.207	113099.35	3.0509	P	0.9
6	☐	12500.000	12661.467	225010.71	6.1813	P	0.5
7	☐	25000.000	25340.493	464746.87	12.3682	P	1.4
8	☐	50000.000	49081.732	922512.16	23.9531	P	0.7
9	☐	250000.00	250141.76	4903966.66	122.0631	A	1.3

$$y = 4.8796E-004 * x + 0.0030$$

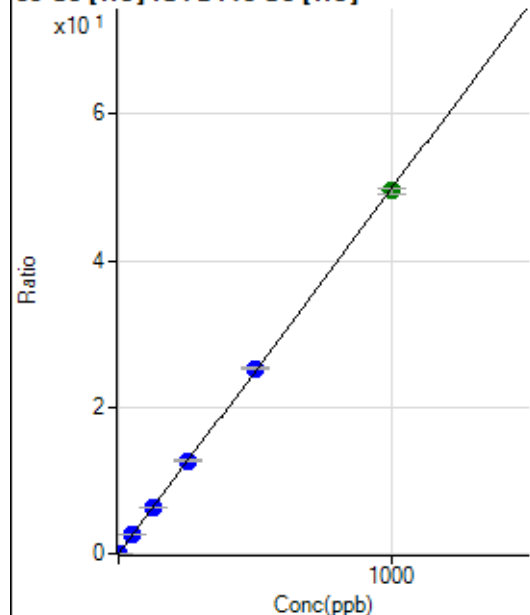
$$R = 1.0000$$

$$DL = 0.9384$$

$$BEC = 6.111$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0025	P	12.6
2	☐	0.100					
3	☐	1.000	0.901	1725.69	0.0474	P	4.0
4	☐	50.000	50.333	93204.80	2.5086	P	0.5
5	☐	125.000	126.466	233509.47	6.2992	P	1.3
6	☐	250.000	255.266	462734.74	12.7121	P	0.9
7	☐	500.000	508.195	950872.00	25.3053	P	1.3
8	☐	1000.000	994.386	1906886.87	49.5125	A	1.4
9	☐			24057.77	0.5988	P	0.7

$$y = 0.0498 * x + 0.0025$$

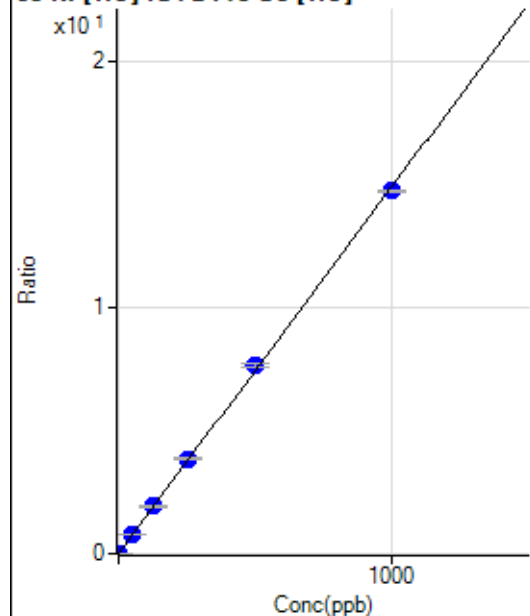
$$R = 0.9999$$

$$DL = 0.01922$$

$$BEC = 0.05091$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.89	0.0029	P	31.7
2	☐	0.100					
3	☐	1.000	0.973	634.47	0.0174	P	4.9
4	☐	50.000	51.482	28602.90	0.7699	P	2.5
5	☐	125.000	129.184	71455.61	1.9276	P	1.4
6	☐	250.000	258.671	140392.76	3.8568	P	1.0
7	☐	500.000	514.117	287932.47	7.6627	P	1.4
8	☐	1000.000	990.177	568284.01	14.7555	P	0.5
9	☐			9825.83	0.2446	P	2.5

$$y = 0.0149 * x + 0.0029$$

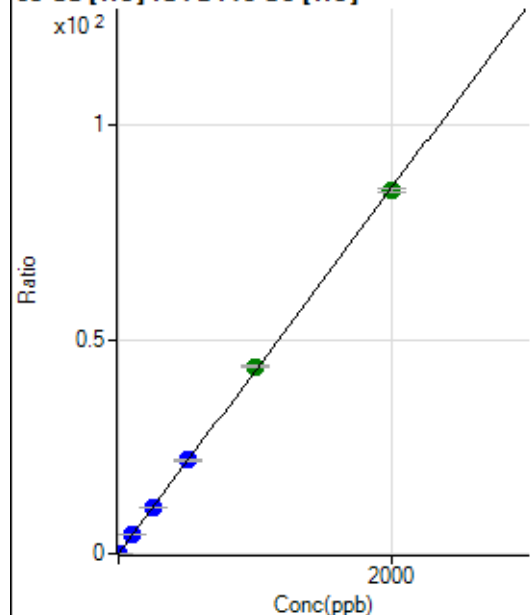
$$R = 0.9998$$

$$DL = 0.1864$$

$$BEC = 0.1962$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	904.49	0.0243	P	4.9
2	☐	0.200					
3	☐	2.000	1.899	3838.38	0.1054	P	4.3
4	☐	100.000	101.135	161387.78	4.3437	P	0.4
5	☐	250.000	254.383	403634.62	10.8889	P	1.7
6	☐	500.000	511.586	796215.74	21.8740	P	1.4
7	☐	1000.000	1024.250	1644765.46	43.7697	A	1.4
8	☐	2000.000	1984.374	3264987.35	84.7764	A	1.0
9	☐			6464.94	0.1609	P	1.2

$$y = 0.0427 * x + 0.0243$$

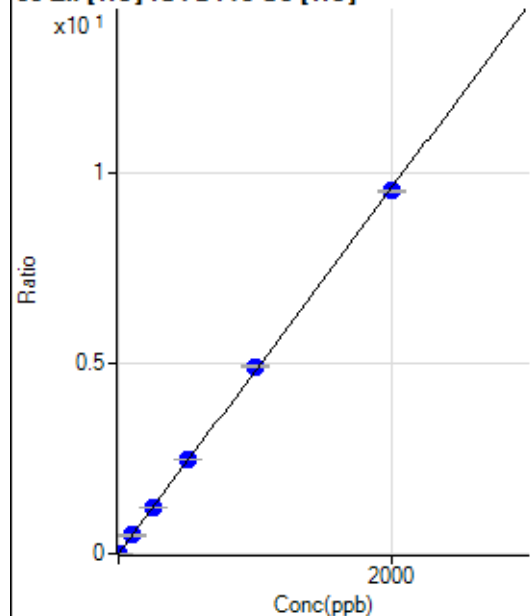
$$R = 0.9999$$

$$DL = 0.08433$$

$$BEC = 0.5684$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	65.55	0.0018	P	20.8
2	☐	0.200					
3	☐	2.000	2.143	437.80	0.0120	P	6.8
4	☐	100.000	100.478	17961.87	0.4835	P	1.9
5	☐	250.000	254.682	45330.72	1.2228	P	1.0
6	☐	500.000	515.752	90074.60	2.4745	P	1.1
7	☐	1000.000	1021.419	184087.64	4.8989	P	0.9
8	☐	2000.000	1984.743	366551.67	9.5176	P	0.8
9	☐			4428.57	0.1102	P	3.6

$$y = 0.0048 * x + 0.0018$$

$$R = 0.9999$$

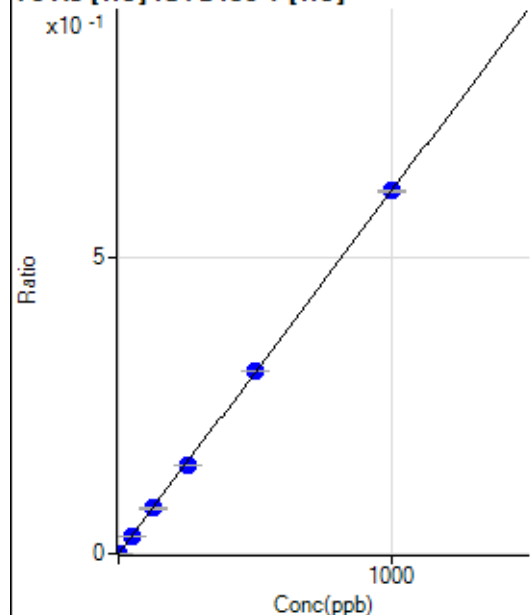
$$DL = 0.2294$$

$$BEC = 0.3671$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.17	0.0000	P	95.8
2	☐	0.100					
3	☐	1.000	0.805	108.03	0.0005	P	15.5
4	☐	50.000	49.406	6265.05	0.0304	P	0.3
5	☐	125.000	125.354	16038.39	0.0770	P	1.3
6	☐	250.000	244.217	31830.49	0.1500	P	0.5
7	☐	500.000	502.765	66130.77	0.3087	P	0.7
8	☐	1000.000	1000.049	132736.84	0.6140	P	0.4
9	☐			212.96	0.0009	P	2.1

$$y = 6.1392\text{E-}004 * x + 2.9130\text{E-}005$$

$$R = 1.0000$$

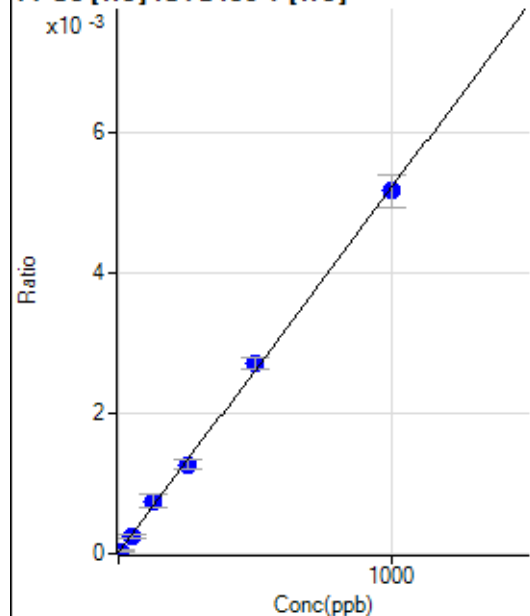
$$DL = 0.1363$$

$$BEC = 0.04745$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	1.0
2	☐	0.500					
3	☐	5.000	4.200	7.78	0.0000	P	65.5
4	☐	50.000	44.610	51.11	0.0002	P	16.8
5	☐	125.000	141.584	156.67	0.0008	P	22.5
6	☐	250.000	240.582	268.90	0.0013	P	10.5
7	☐	500.000	518.612	581.13	0.0027	P	6.6
8	☐	1000.000	991.249	1117.84	0.0052	P	9.1
9	☐			5.55	0.0000	P	70.4

$$y = 5.1998\text{E-}006 * x + 1.5813\text{E-}005$$

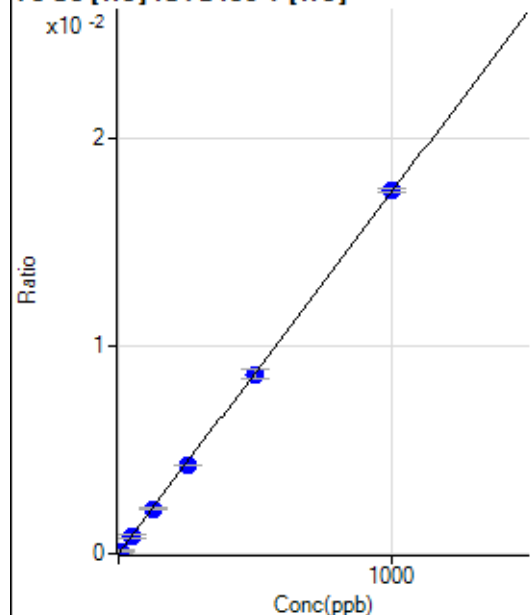
$$R = 0.9995$$

$$DL = 0.08984$$

$$BEC = 3.041$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	43.3
2	☐	0.500					
3	☐	5.000	7.234	28.40	0.0001	P	9.8
4	☐	50.000	47.660	173.46	0.0008	P	15.3
5	☐	125.000	123.903	451.25	0.0022	P	1.7
6	☐	250.000	244.567	904.98	0.0043	P	1.2
7	☐	500.000	496.391	1851.38	0.0086	P	4.8
8	☐	1000.000	1003.406	3774.01	0.0175	P	1.2
9	☐			3.09	0.0000	P	92.1

$$y = 1.7386E-005 * x + 1.1712E-005$$

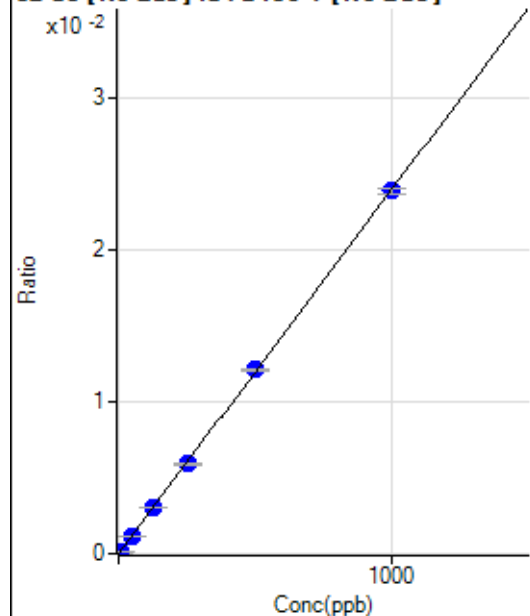
$$R = 1.0000$$

$$DL = 0.8742$$

$$BEC = 0.6737$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-26.51	0.0000	P	-41.
2	☐	0.500					
3	☐	5.000	4.749	345.61	0.0001	P	16.1
4	☐	50.000	49.329	3873.70	0.0012	P	1.8
5	☐	125.000	124.897	9916.69	0.0030	P	0.3
6	☐	250.000	246.306	20040.38	0.0059	P	0.9
7	☐	500.000	507.179	41606.86	0.0122	P	1.0
8	☐	1000.000	997.382	84043.58	0.0239	P	1.5
9	☐			107.90	0.0000	P	58.8

$$y = 2.3983E-005 * x - 7.9669E-006$$

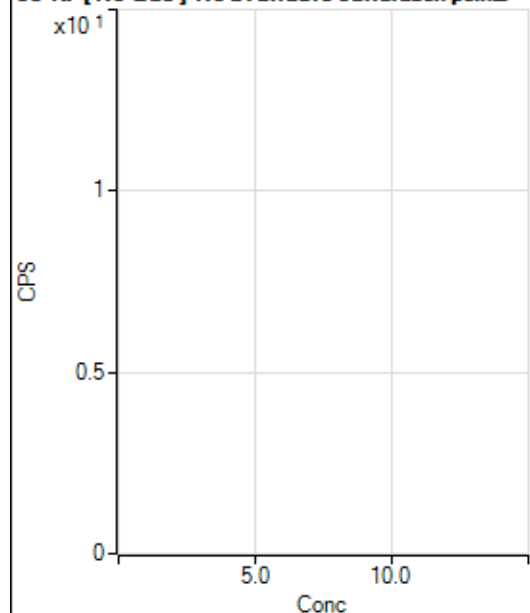
$$R = 1.0000$$

$$DL = 0.4164$$

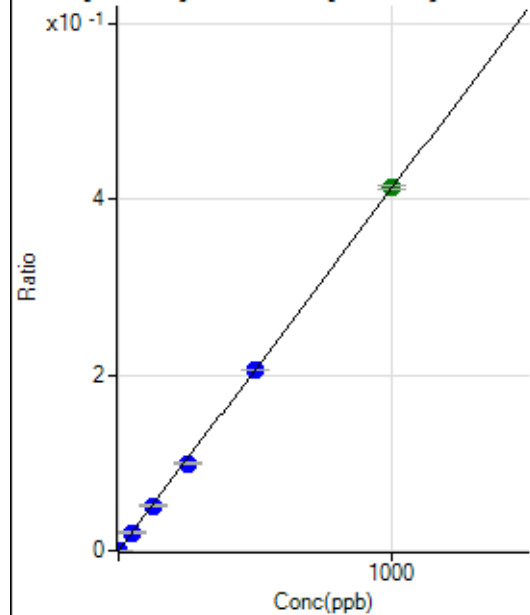
$$BEC = -0.3322$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			602.25		P	2.5
2	☐						
3	☐			640.03		P	6.8
4	☐			645.58		P	6.2
5	☐			632.25		P	1.3
6	☐			642.25		P	4.7
7	☐			651.14		P	5.5
8	☐			622.25		P	12.7
9	☐			648.92		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	941.75	0.0003	P	6.8
2	☐	0.100					
3	☐	1.000	0.931	2178.05	0.0007	P	5.0
4	☐	50.000	49.388	67897.01	0.0206	P	3.0
5	☐	125.000	123.826	170001.50	0.0512	P	1.0
6	☐	250.000	240.870	337508.91	0.0994	P	0.9
7	☐	500.000	499.422	704070.65	0.2057	P	0.6
8	☐	1000.000	1002.749	1450611.80	0.4127	A	0.9
9	☐			6888.15	0.0020	P	5.0

$$y = 4.1130E-004 * x + 2.8424E-004$$

$$R = 1.0000$$

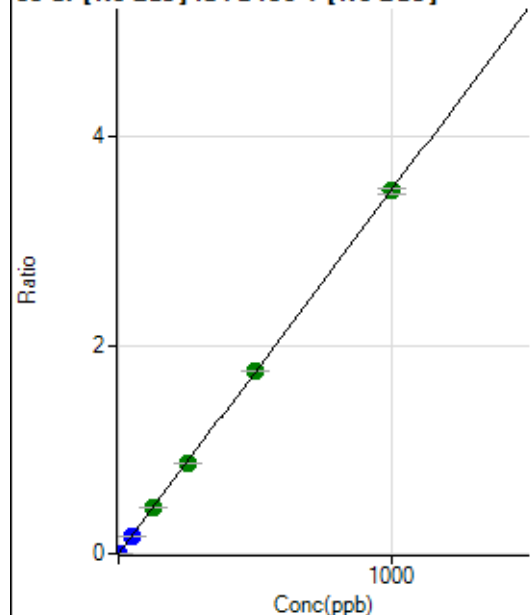
$$DL = 0.14$$

$$BEC = 0.6911$$

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	30.55	0.0000	P	17.9
2	☐	0.100					
3	☐	1.000	0.923	10551.71	0.0032	P	3.5
4	☐	50.000	50.017	575669.86	0.1746	P	0.9
5	☐	125.000	125.993	1460084.72	0.4399	A	1.1
6	☐	250.000	248.853	2951308.64	0.8688	A	0.2
7	☐	500.000	504.399	6027447.53	1.7609	A	0.3
8	☐	1000.000	997.963	12245600.62	3.4840	A	1.3
9	☐			52560.72	0.0156	P	2.6

$$y = 0.0035 * x + 9.2342E-006$$

$$R = 1.0000$$

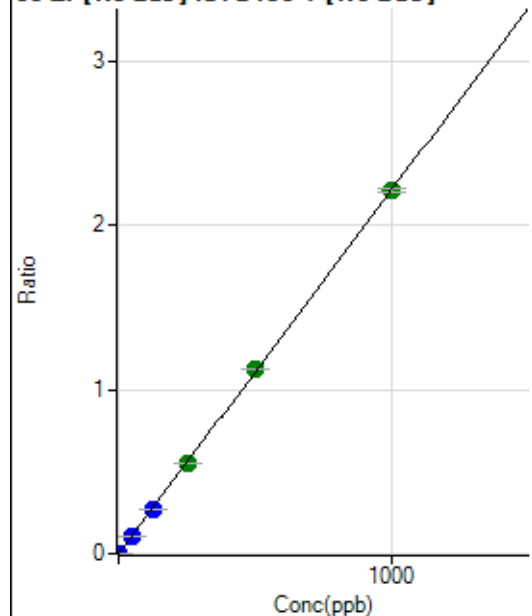
$$DL = 0.001421$$

$$BEC = 0.002645$$

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	21.7
2	☐	0.100					
3	☐	1.000	0.909	6749.20	0.0021	P	1.4
4	☐	50.000	48.984	357665.77	0.1085	P	0.8
5	☐	125.000	122.912	903345.36	0.2721	P	1.3
6	☐	250.000	246.948	1857217.79	0.5467	A	0.8
7	☐	500.000	506.564	3838633.42	1.1214	A	0.1
8	☐	1000.000	997.793	7763705.90	2.2089	A	1.0
9	☐			2586.48	0.0008	P	6.8

$$y = 0.0022 * x + 5.5723E-005$$

$$R = 1.0000$$

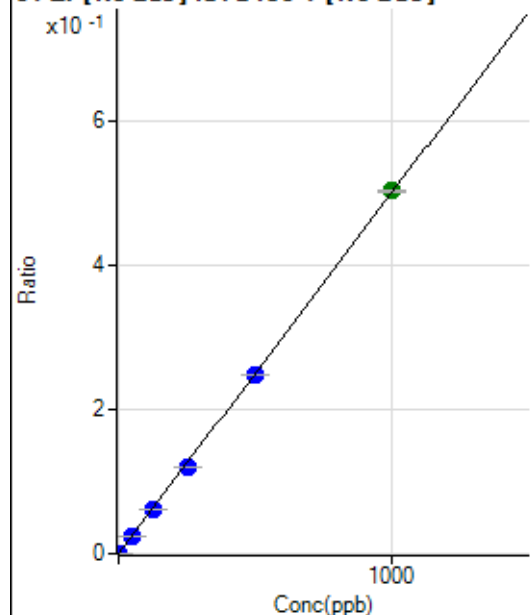
$$DL = 0.01641$$

$$BEC = 0.02517$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	35.5
2	☐	0.100					
3	☐	1.000	0.806	1364.03	0.0004	P	10.5
4	☐	50.000	47.839	78982.40	0.0240	P	1.1
5	☐	125.000	122.479	203536.33	0.0613	P	0.8
6	☐	250.000	239.058	406509.22	0.1197	P	0.9
7	☐	500.000	495.402	848789.23	0.2480	P	0.2
8	☐	1000.000	1005.458	1768926.19	0.5033	A	0.4
9	☐			677.82	0.0002	P	4.6

$$y = 5.0052\text{E-}004 * x + 1.4219\text{E-}005$$

$$R = 0.9999$$

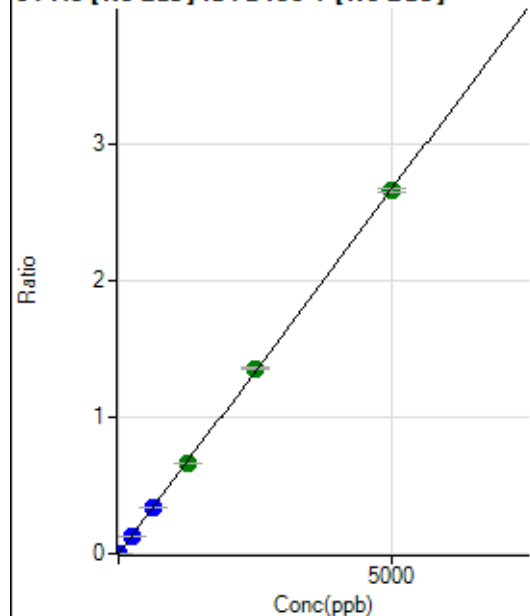
$$DL = 0.03026$$

$$BEC = 0.02841$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	30.6
2	☐	0.500					
3	☐	5.000	4.686	8266.74	0.0025	P	1.8
4	☐	250.000	246.805	434893.33	0.1319	P	1.4
5	☐	625.000	623.140	1105410.09	0.3330	P	0.7
6	☐	1250.000	1241.403	2253560.73	0.6634	A	0.8
7	☐	2500.000	2545.271	4655758.57	1.3601	A	0.4
8	☐	5000.000	4979.906	9353441.88	2.6611	A	1.1
9	☐			5040.04	0.0015	P	8.0

$$y = 5.3437\text{E-}004 * x + 2.8680\text{E-}005$$

$$R = 0.9999$$

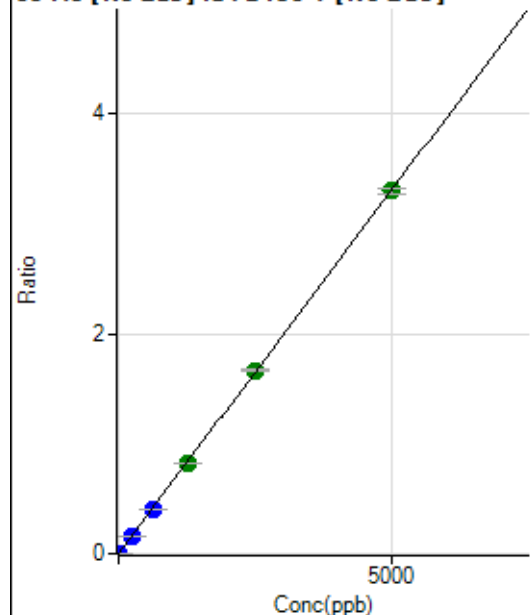
$$DL = 0.04932$$

$$BEC = 0.05367$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.01	0.0000	P	57.0
2	☐	0.500					
3	☐	5.000	4.583	9956.83	0.0031	P	2.6
4	☐	250.000	243.339	530124.09	0.1608	P	0.6
5	☐	625.000	617.724	1354880.60	0.4082	P	0.8
6	☐	1250.000	1237.461	2777547.89	0.8177	A	1.0
7	☐	2500.000	2525.061	5711117.71	1.6684	A	1.0
8	☐	5000.000	4991.847	11592264.49	3.2983	A	1.6
9	☐			6899.27	0.0021	P	5.1

$$y = 6.6073\text{E-}004 * x + 2.2538\text{E-}005$$

$$R = 1.0000$$

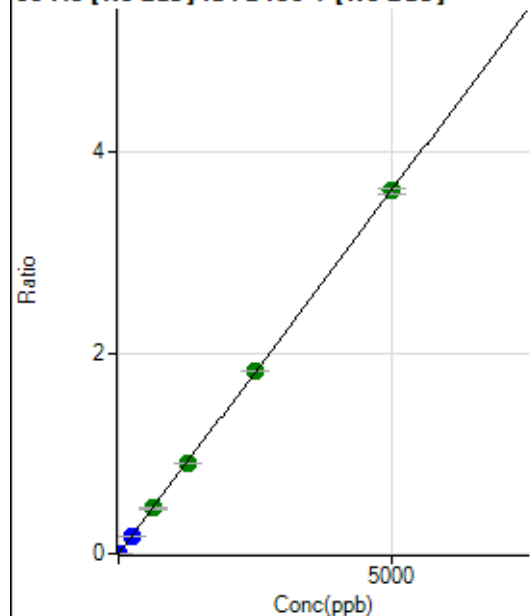
$$DL = 0.05836$$

$$BEC = 0.03411$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	49.1
2	☐	0.500					
3	☐	5.000	4.714	11230.10	0.0034	P	1.8
4	☐	250.000	244.985	584144.13	0.1772	P	1.2
5	☐	625.000	622.373	1494084.68	0.4501	A	0.7
6	☐	1250.000	1237.044	3039066.54	0.8946	A	0.4
7	☐	2500.000	2516.935	6230380.87	1.8202	A	0.1
8	☐	5000.000	4995.351	12696790.65	3.6125	A	1.5
9	☐			8389.09	0.0025	P	1.1

$$y = 7.2316\text{E-}004 * x + 3.1339\text{E-}005$$

$$R = 1.0000$$

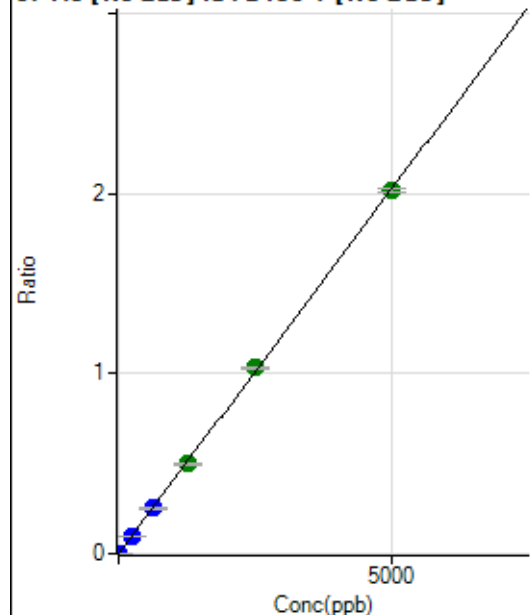
$$DL = 0.06387$$

$$BEC = 0.04334$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	21.2
2	☐	0.500					
3	☐	5.000	4.609	6148.88	0.0019	P	3.6
4	☐	250.000	248.105	330934.10	0.1004	P	1.3
5	☐	625.000	620.595	833408.77	0.2511	P	0.5
6	☐	1250.000	1235.682	1698202.41	0.4999	A	1.6
7	☐	2500.000	2553.051	3535134.02	1.0328	A	1.0
8	☐	5000.000	4977.700	7077479.67	2.0137	A	1.2
9	☐			4070.23	0.0012	P	3.3

$$y = 4.0453\text{E-}004 * x + 1.9307\text{E-}005$$

$$R = 0.9999$$

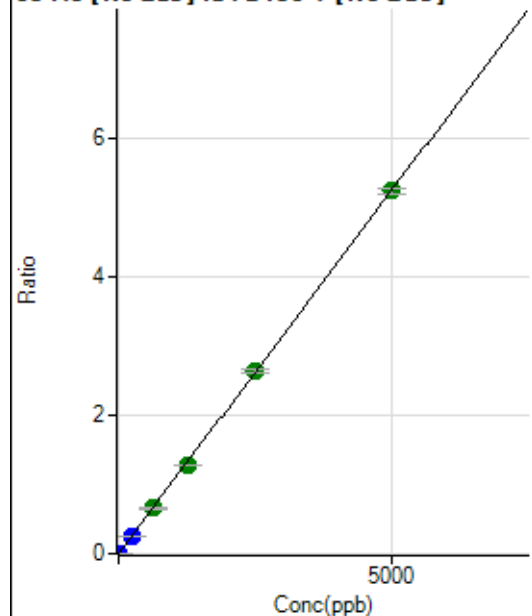
$$DL = 0.03032$$

$$BEC = 0.04773$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	36.7
2	☐	0.500					
3	☐	5.000	4.611	15820.90	0.0048	P	0.4
4	☐	250.000	246.336	850158.35	0.2579	P	0.9
5	☐	625.000	623.914	2167980.67	0.6531	A	0.8
6	☐	1250.000	1222.223	4346288.42	1.2794	A	0.5
7	☐	2500.000	2520.669	9031361.23	2.6386	A	1.4
8	☐	5000.000	4996.929	18384108.74	5.2308	A	1.7
9	☐			10754.71	0.0032	P	3.9

$$y = 0.0010 * x + 1.9437\text{E-}005$$

$$R = 1.0000$$

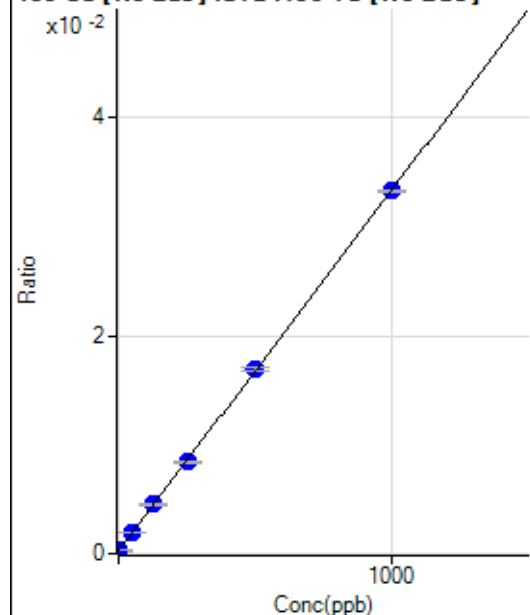
$$DL = 0.02043$$

$$BEC = 0.01857$$

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	741.72	0.0002	P	8.4
2	☐	0.100					
3	☐	1.000	2.146	961.20	0.0003	P	8.6
4	☐	50.000	52.453	6424.08	0.0020	P	1.7
5	☐	125.000	130.424	15287.10	0.0045	P	5.0
6	☐	250.000	246.824	29098.93	0.0084	P	2.8
7	☐	500.000	503.623	60165.82	0.0169	P	2.2
8	☐	1000.000	998.181	121955.88	0.0333	P	0.8
9	☐			752.83	0.0002	P	12.4

$$y = 3.3096E-005 * x + 2.2589E-004$$

$$R = 1.0000$$

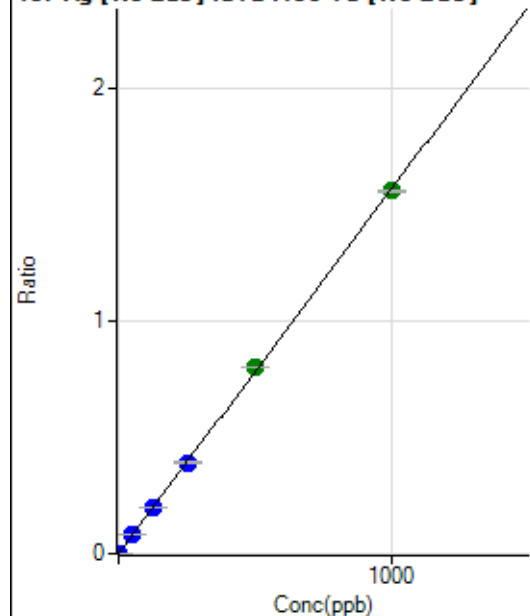
$$DL = 1.729$$

$$BEC = 6.825$$

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	197.24	0.0001	P	13.5
2	☐	0.100					
3	☐	1.000	0.959	5051.19	0.0016	P	5.3
4	☐	50.000	51.999	266435.10	0.0814	P	1.5
5	☐	125.000	127.294	670209.67	0.1991	P	0.9
6	☐	250.000	248.636	1347975.26	0.3888	P	1.6
7	☐	500.000	509.744	2838979.88	0.7971	A	0.3
8	☐	1000.000	995.082	5705266.84	1.5560	A	0.5
9	☐			1955.79	0.0006	P	5.7

$$y = 0.0016 * x + 5.9996E-005$$

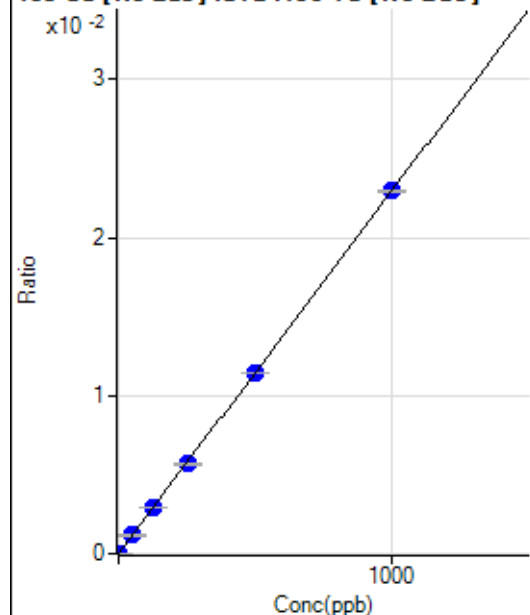
$$R = 0.9999$$

$$DL = 0.01551$$

$$BEC = 0.03837$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.50	0.0000	P	31.6
2	☐	0.100					
3	☐	1.000	0.883	77.78	0.0000	P	22.4
4	☐	50.000	51.392	3871.48	0.0012	P	7.7
5	☐	125.000	126.769	9796.76	0.0029	P	2.0
6	☐	250.000	247.883	19714.72	0.0057	P	1.0
7	☐	500.000	497.934	40669.80	0.0114	P	0.5
8	☐	1000.000	1001.272	84177.61	0.0230	P	0.3
9	☐			27.78	0.0000	P	30.8

$$y = 2.2925\text{E-}005 * x + 3.8061\text{E-}006$$

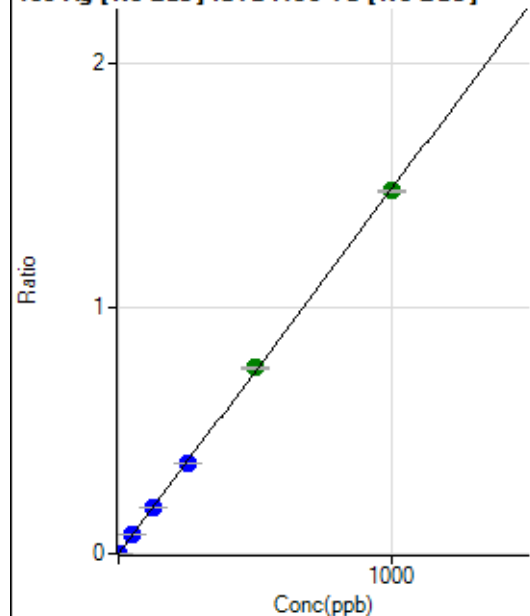
$$R = 1.0000$$

$$DL = 0.1574$$

$$BEC = 0.166$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	14.2
2	☐	0.100					
3	☐	1.000	0.892	4453.72	0.0014	P	3.6
4	☐	50.000	51.770	252136.16	0.0770	P	1.0
5	☐	125.000	127.272	636961.39	0.1892	P	0.9
6	☐	250.000	248.404	1280190.74	0.3693	P	1.1
7	☐	500.000	509.791	2698836.74	0.7578	A	1.0
8	☐	1000.000	995.131	5423748.51	1.4792	A	0.4
9	☐			1605.73	0.0005	P	6.9

$$y = 0.0015 * x + 4.9255\text{E-}005$$

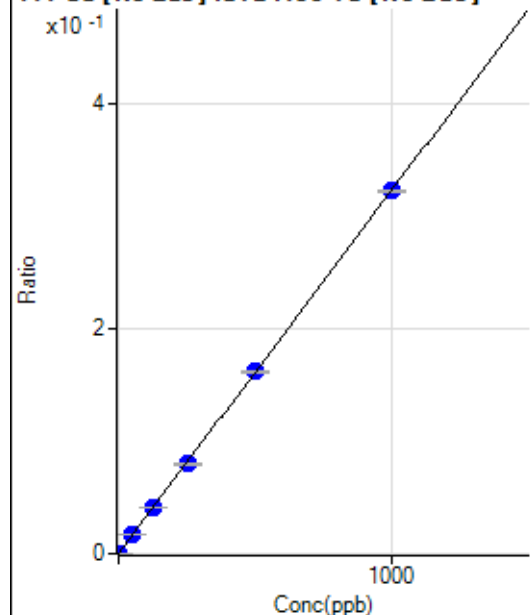
$$R = 0.9999$$

$$DL = 0.01412$$

$$BEC = 0.03314$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	518.79	0.0002	P	7.0
2	☐	0.100					
3	☐	1.000	0.938	1492.06	0.0005	P	4.5
4	☐	50.000	51.536	54948.53	0.0168	P	1.5
5	☐	125.000	127.091	138516.36	0.0412	P	1.3
6	☐	250.000	247.226	277003.23	0.0799	P	1.1
7	☐	500.000	502.028	577261.53	0.1621	P	0.7
8	☐	1000.000	999.341	1182467.49	0.3225	P	0.7
9	☐			601.99	0.0002	P	12.2

$$y = 3.2255E-004 * x + 1.5805E-004$$

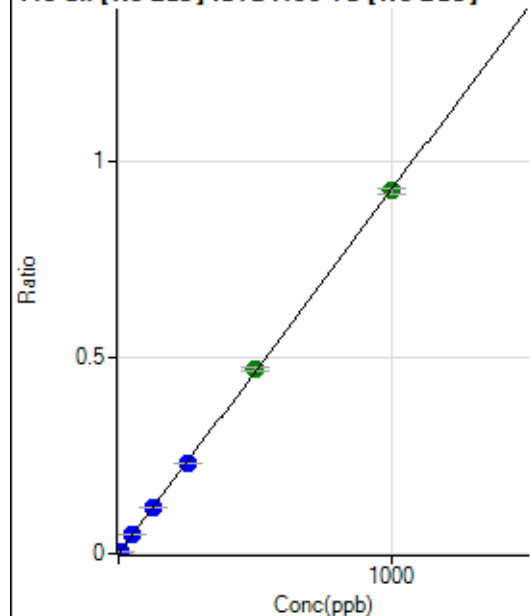
$$R = 1.0000$$

$$DL = 0.103$$

$$BEC = 0.49$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	19.5
2	☐	0.500					
3	☐	5.000	4.793	14547.39	0.0045	P	2.7
4	☐	50.000	51.612	157013.37	0.0480	P	1.3
5	☐	125.000	126.038	393916.38	0.1170	P	2.3
6	☐	250.000	248.609	800166.25	0.2308	P	1.2
7	☐	500.000	506.987	1676038.28	0.4707	A	1.8
8	☐	1000.000	996.645	3392121.13	0.9252	A	1.4
9	☐			3270.00	0.0010	P	4.1

$$y = 9.2825E-004 * x + 4.2422E-005$$

$$R = 1.0000$$

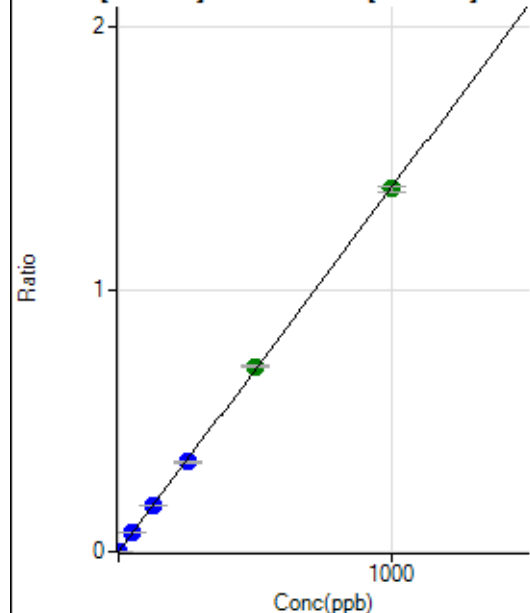
$$DL = 0.02673$$

$$BEC = 0.0457$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	54.3
2	☐	0.200					
3	☐	2.000	1.800	8180.64	0.0025	P	0.7
4	☐	50.000	50.692	230474.02	0.0704	P	1.0
5	☐	125.000	125.151	584784.58	0.1737	P	1.1
6	☐	250.000	246.899	1188058.44	0.3427	P	1.5
7	☐	500.000	508.570	2513926.53	0.7059	A	0.7
8	☐	1000.000	996.437	5070764.83	1.3830	A	1.6
9	☐			7391.32	0.0022	P	0.9

$$y = 0.0014 * x + 2.7355E-005$$

$$R = 0.9999$$

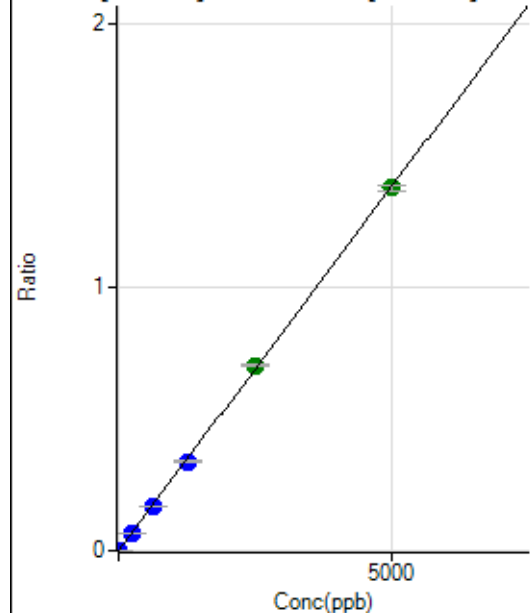
$$DL = 0.03213$$

$$BEC = 0.01971$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	87.3
2	☐	1.000					
3	☐	10.000	9.321	8358.62	0.0026	P	6.0
4	☐	250.000	250.269	226276.98	0.0691	P	0.5
5	☐	625.000	618.899	575183.42	0.1709	P	0.6
6	☐	1250.000	1217.805	1165504.10	0.3362	P	1.8
7	☐	2500.000	2545.873	2502985.08	0.7029	A	1.6
8	☐	5000.000	4985.863	5046770.77	1.3765	A	1.5
9	☐			647.27	0.0002	P	9.7

$$y = 2.7607E-004 * x + 7.6443E-006$$

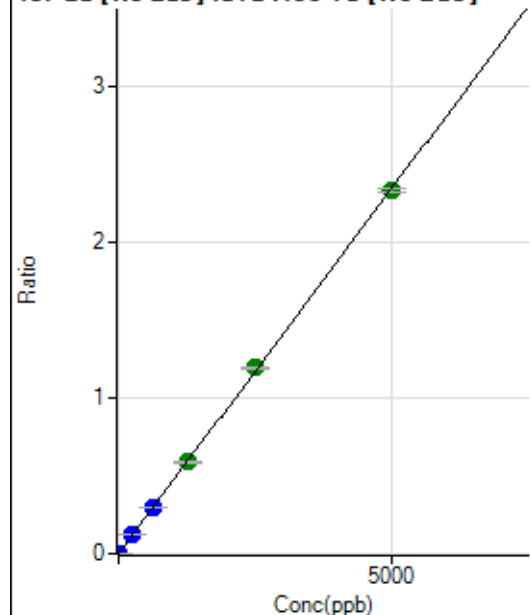
$$R = 0.9999$$

$$DL = 0.07256$$

$$BEC = 0.02769$$

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	16.67	0.0000	P	53.3
2	☐	1.000					
3	☐	10.000	9.579	14547.45	0.0045	P	2.8
4	☐	250.000	255.614	391886.13	0.1197	P	0.5
5	☐	625.000	629.773	992502.27	0.2948	P	0.9
6	☐	1250.000	1253.090	2033462.39	0.5867	A	3.3
7	☐	2500.000	2554.496	4259042.11	1.1959	A	1.1
8	☐	5000.000	4971.103	8533180.92	2.3273	A	1.0
9	☐			1125.10	0.0003	P	9.9

$$y = 4.6817\text{E-}004 * x + 5.1542\text{E-}006$$

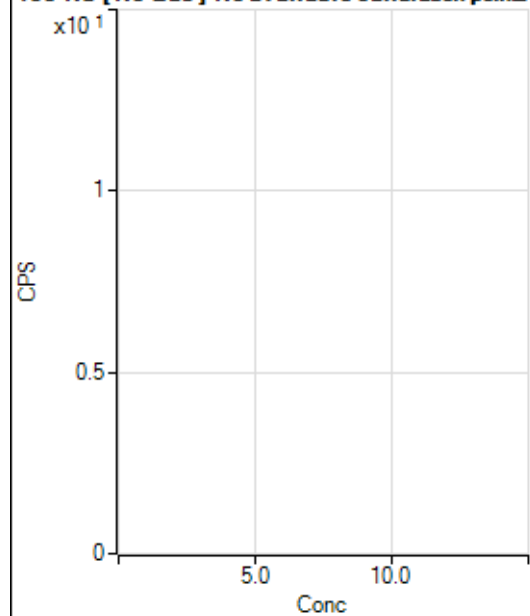
$$R = 0.9999$$

$$DL = 0.01759$$

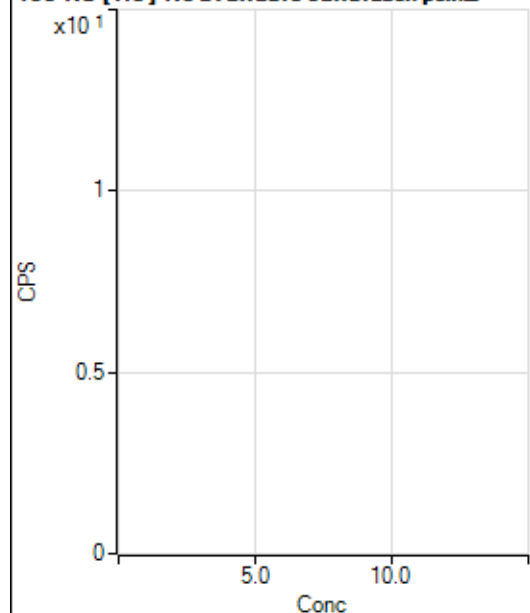
$$BEC = 0.01101$$

Weight: <None>

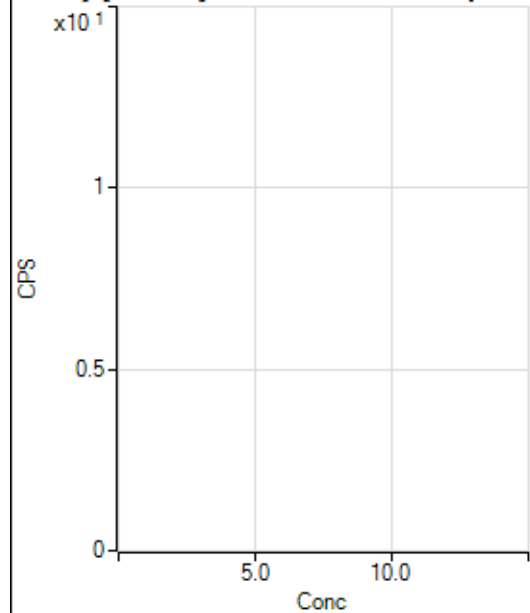
Min Conc: 0

150 Nd [No Gas] No available calibration points

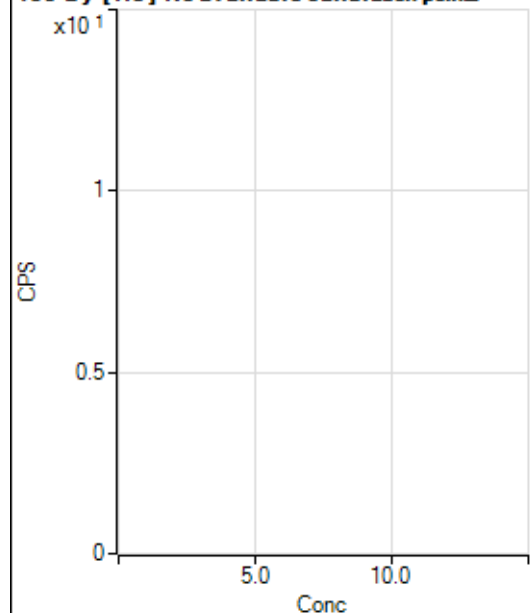
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			6.67		P	173.
4	☐			17.78		P	21.7
5	☐			33.33		P	40.0
6	☐			53.34		P	12.5
7	☐			120.00		P	20.0
8	☐			186.68		P	27.9
9	☐			86.67		P	7.7

150 Nd [He] No available calibration points

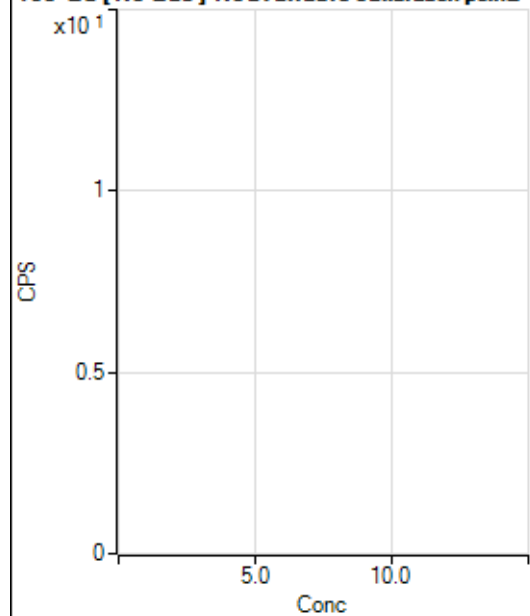
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			3.33		P	100.
6	☐			3.33		P	100.
7	☐			1.11		P	173.
8	☐			8.89		P	57.3
9	☐			14.44		P	35.3

156 Dy [No Gas] No available calibration points

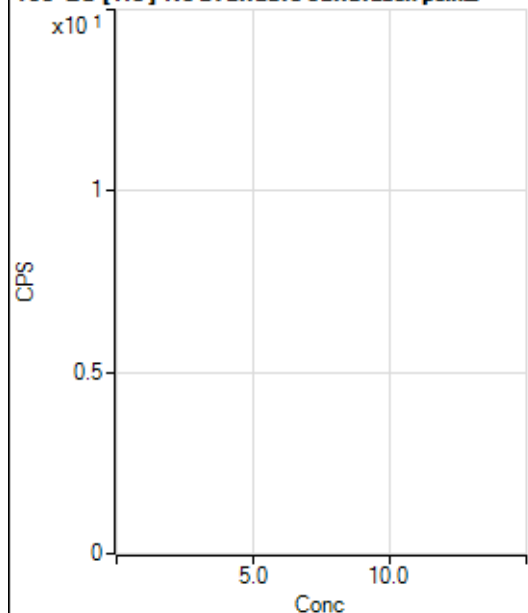
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			5.55		P	86.6
4	☐			11.11		P	114.
5	☐			8.33		P	173.
6	☐			25.00		P	0.0
7	☐			52.78		P	32.9
8	☐			66.67		P	25.0
9	☐			38.89		P	32.7

156 Dy [He] No available calibration points

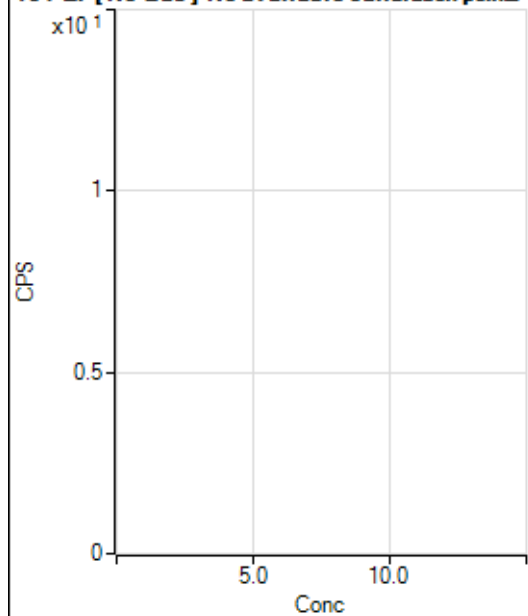
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			2.22		P	173.
5	☐			1.11		P	173.
6	☐			6.67		P	50.0
7	☐			1.11		P	173.
8	☐			4.45		P	86.6
9	☐			7.78		P	24.7

160 Gd [No Gas] Noavailable calibration poin_

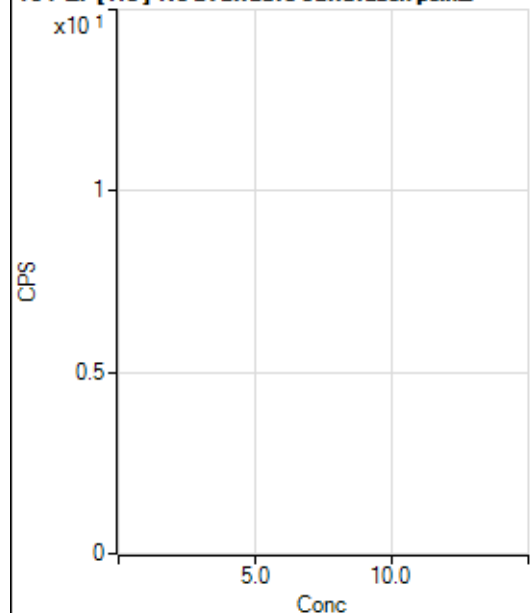
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	100.
2	☐						
3	☐			13.89		P	69.3
4	☐			19.45		P	24.7
5	☐			27.78		P	34.6
6	☐			25.00		P	66.7
7	☐			36.11		P	35.3
8	☐			36.12		P	58.1
9	☐			63.89		P	7.5

160 Gd [He] No available calibration points

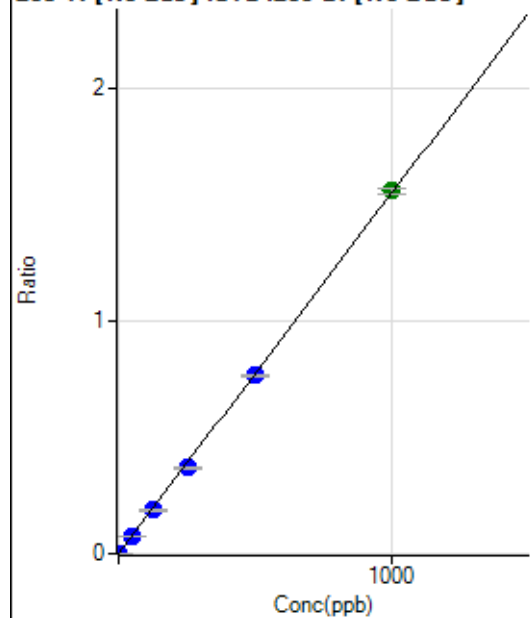
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐						
3	☐			5.56		P	91.6
4	☐			5.55		P	124.
5	☐			10.00		P	33.3
6	☐			8.89		P	21.6
7	☐			12.22		P	95.8
8	☐			12.22		P	31.5
9	☐			23.33		P	42.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐						
3	☐			22.22		P	21.6
4	☐			33.33		P	90.1
5	☐			27.78		P	17.3
6	☐			13.89		P	91.6
7	☐			27.78		P	62.5
8	☐			52.78		P	9.1
9	☐			27.78		P	96.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐						
3	☐			3.33		P	100.
4	☐			4.45		P	86.6
5	☐			7.78		P	65.5
6	☐			3.33		P	173.
7	☐			4.45		P	86.6
8	☐			11.11		P	62.5
9	☐			11.11		P	62.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	58.4
2	☐	0.100					
3	☐	1.000	0.857	2464.24	0.0013	P	9.8
4	☐	50.000	48.059	137958.13	0.0744	P	1.4
5	☐	125.000	120.603	354865.80	0.1866	P	1.5
6	☐	250.000	237.841	724260.25	0.3681	P	1.2
7	☐	500.000	493.650	1546687.50	0.7639	P	0.8
8	☐	1000.000	1006.862	3185222.62	1.5580	A	1.3
9	☐			372.25	0.0002	P	25.9

$$y = 0.0015 * x + 2.2881E-005$$

$$R = 0.9999$$

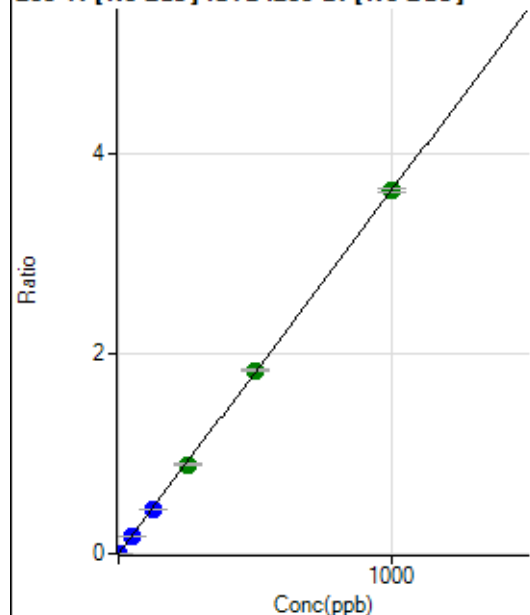
$$DL = 0.02591$$

$$BEC = 0.01479$$

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	55.56	0.0000	P	42.7
2	☐	0.100					
3	☐	1.000	0.892	5962.78	0.0033	P	3.6
4	☐	50.000	48.711	327782.54	0.1768	P	1.7
5	☐	125.000	122.502	845072.56	0.4445	P	1.1
6	☐	250.000	244.207	1743290.95	0.8860	A	2.3
7	☐	500.000	505.532	3713697.57	1.8341	A	0.1
8	☐	1000.000	999.059	7410111.02	3.6246	A	1.1
9	☐			902.86	0.0005	P	10.4

$$y = 0.0036 * x + 2.9625E-005$$

$$R = 1.0000$$

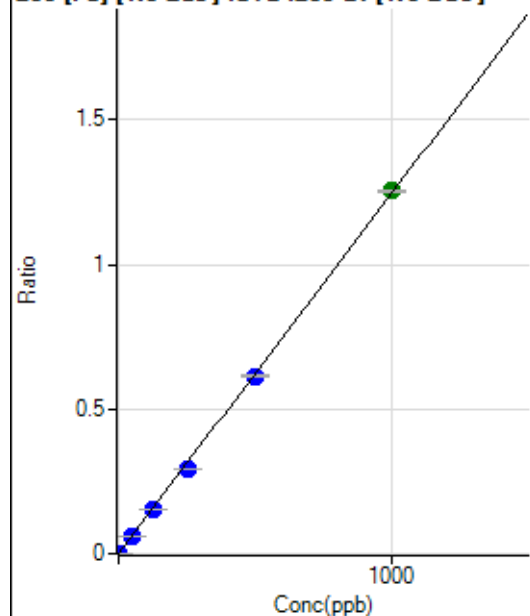
$$DL = 0.01047$$

$$BEC = 0.008166$$

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	120.38	0.0001	P	40.5
2	☐	0.100					
3	☐	1.000	0.840	2029.86	0.0011	P	6.4
4	☐	50.000	48.873	113002.24	0.0609	P	1.1
5	☐	125.000	121.576	288017.72	0.1515	P	0.6
6	☐	250.000	235.852	578137.96	0.2938	P	1.3
7	☐	500.000	493.574	1244768.14	0.6148	P	0.4
8	☐	1000.000	1007.234	2564653.76	1.2545	A	0.9
9	☐			3306.11	0.0018	P	16.8

$$y = 0.0012 * x + 6.5690E-005$$

$$R = 0.9999$$

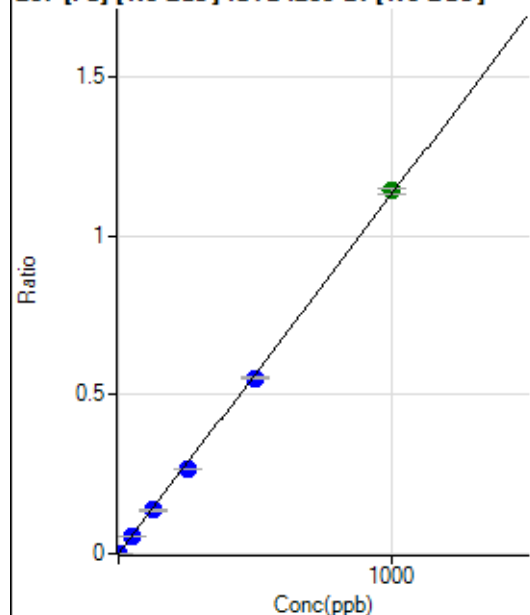
$$DL = 0.06412$$

$$BEC = 0.05275$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.75	0.0001	P	26.7
2	☐	0.100					
3	☐	1.000	0.854	1900.21	0.0010	P	3.7
4	☐	50.000	48.570	101829.76	0.0549	P	0.5
5	☐	125.000	120.762	259342.75	0.1364	P	0.8
6	☐	250.000	234.212	520474.59	0.2645	P	0.8
7	☐	500.000	489.037	1117982.80	0.5521	P	0.5
8	☐	1000.000	1010.030	2331146.15	1.1403	A	1.4
9	☐			2628.14	0.0015	P	12.5

$$y = 0.0011 * x + 7.6444E-005$$

$$R = 0.9998$$

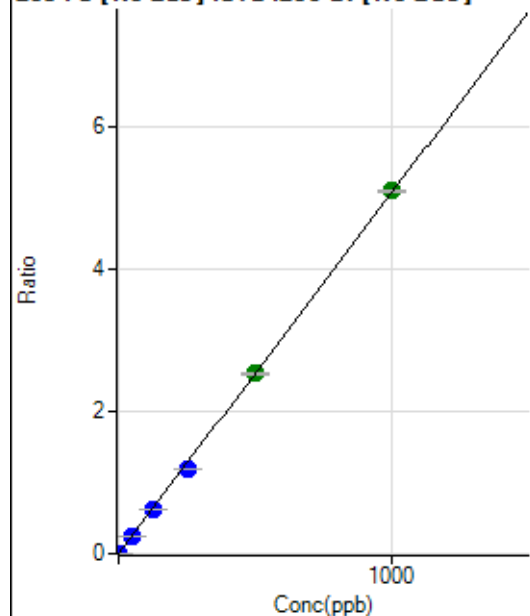
$$DL = 0.05415$$

$$BEC = 0.06772$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	509.28	0.0003	P	14.8
2	☐	0.100					
3	☐	1.000	0.840	8275.41	0.0045	P	0.3
4	☐	50.000	48.226	453679.08	0.2446	P	1.1
5	☐	125.000	120.713	1163429.79	0.6119	P	1.0
6	☐	250.000	235.296	2346737.42	1.1925	P	0.6
7	☐	500.000	498.247	5112239.83	2.5248	A	0.2
8	☐	1000.000	1005.177	10412786.20	5.0933	A	0.4
9	☐			12506.55	0.0069	P	13.0

$$y = 0.0051 * x + 2.7544E-004$$

$$R = 0.9999$$

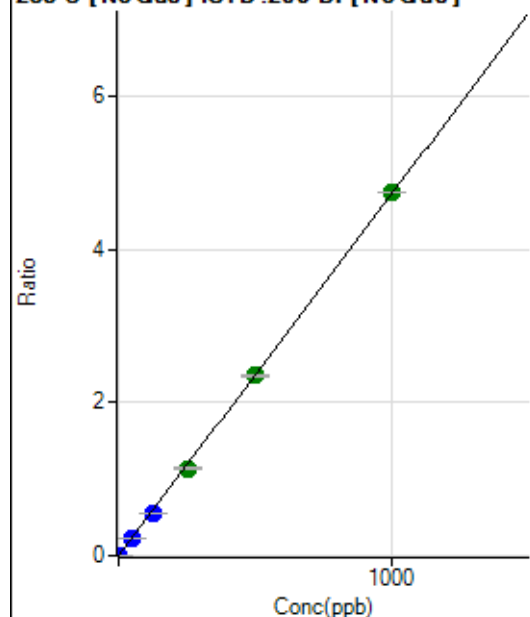
$$DL = 0.02421$$

$$BEC = 0.05436$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.34	0.0000	P	20.5
2	☐	0.100					
3	☐	1.000	0.862	7499.88	0.0041	P	6.2
4	☐	50.000	47.250	414343.59	0.2234	P	1.1
5	☐	125.000	119.251	1072031.22	0.5638	P	0.6
6	☐	250.000	240.946	2241645.62	1.1392	A	1.2
7	☐	500.000	499.014	4776716.34	2.3592	A	1.2
8	☐	1000.000	1003.613	9700259.68	4.7448	A	0.1
9	☐			452.81	0.0003	P	7.4

$$y = 0.0047 * x + 3.1211E-005$$

$$R = 0.9999$$

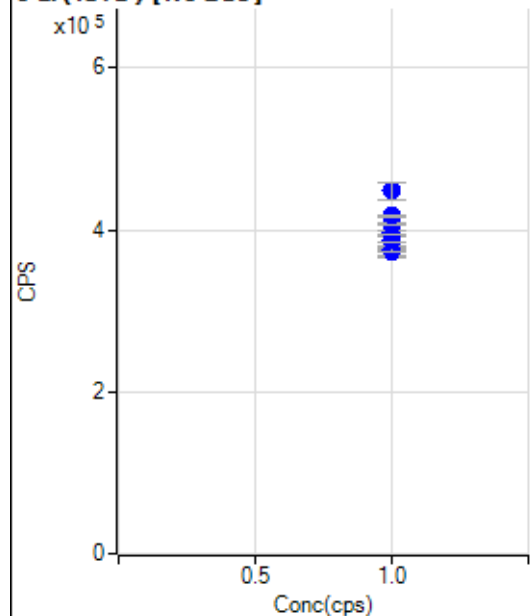
$$DL = 0.004063$$

$$BEC = 0.006602$$

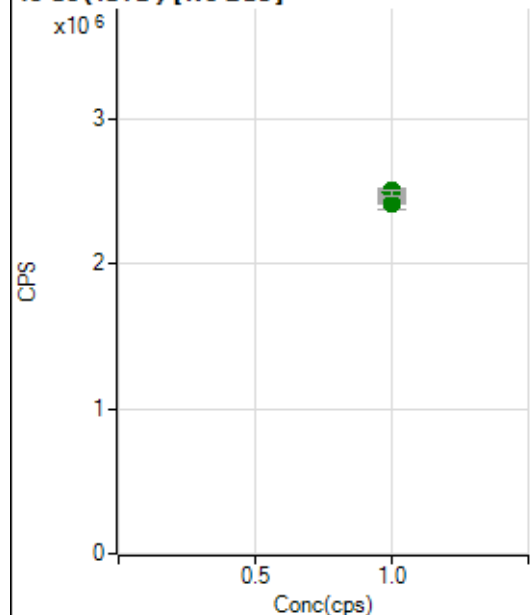
Weight: <None>

Min Conc: 0

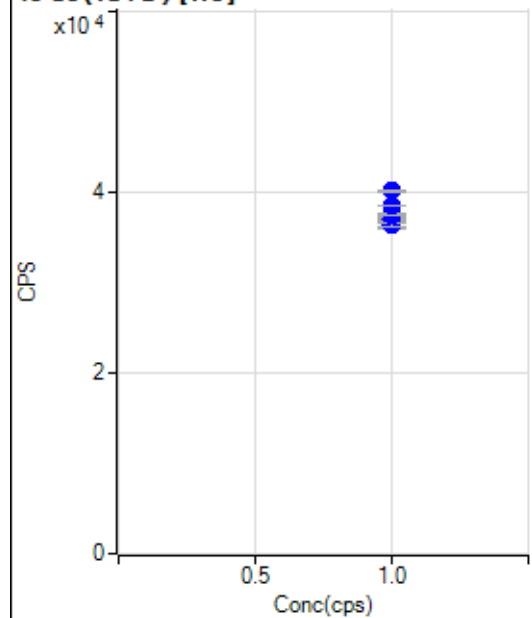
6 Li (ISTD) [No Gas]



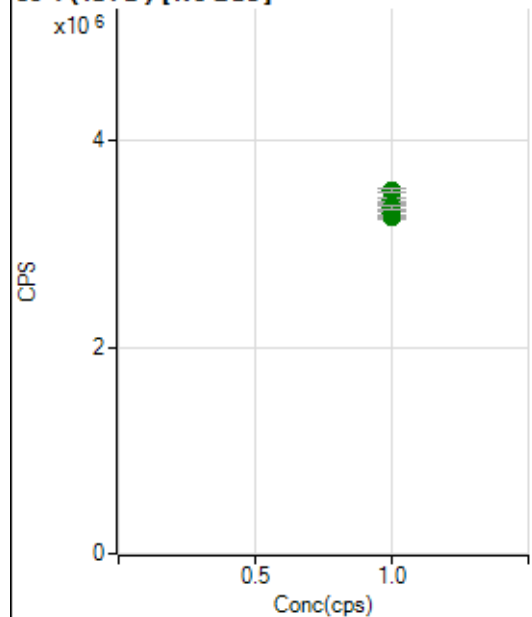
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		371813.67		P	2.8
2	☐	1.000					
3	☐	1.000		372260.15		P	1.9
4	☐	1.000		376154.92		P	1.8
5	☐	1.000		388056.66		P	1.9
6	☐	1.000		397291.10		P	1.2
7	☐	1.000		406735.27		P	0.4
8	☐	1.000		417247.07		P	0.6
9	☐	1.000		447992.84		P	4.6

45 Sc (ISTD) [No Gas]

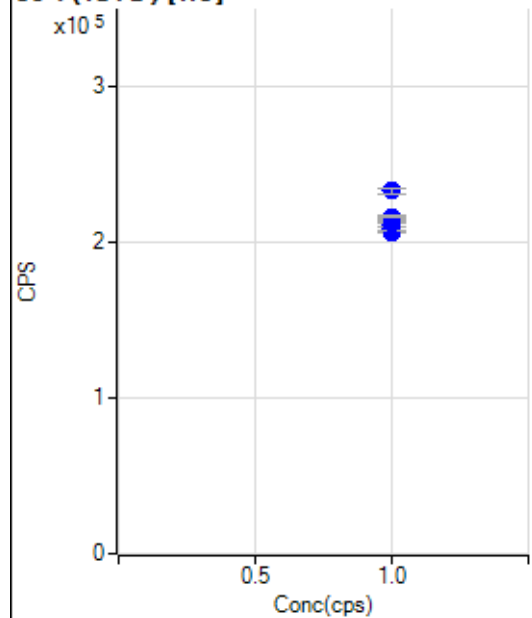
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2415600.42		A	3.5
2	☐	1.000					
3	☐	1.000		2416043.00		A	0.5
4	☐	1.000		2426753.18		A	0.8
5	☐	1.000		2430773.38		A	0.3
6	☐	1.000		2448066.03		A	1.2
7	☐	1.000		2469630.85		A	1.5
8	☐	1.000		2499006.76		A	1.5
9	☐	1.000		2486569.59		A	1.5

45 Sc (ISTD) [He]

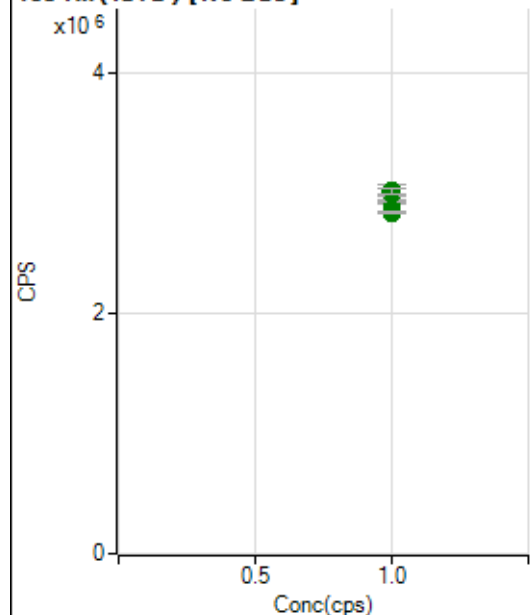
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		37263.86		P	0.3
2	☐	1.000					
3	☐	1.000		36411.78		P	1.8
4	☐	1.000		37153.71		P	0.9
5	☐	1.000		37073.51		P	1.2
6	☐	1.000		36402.80		P	0.8
7	☐	1.000		37579.25		P	1.0
8	☐	1.000		38513.86		P	0.4
9	☐	1.000		40177.41		P	0.7

89 Y (ISTD) [No Gas]

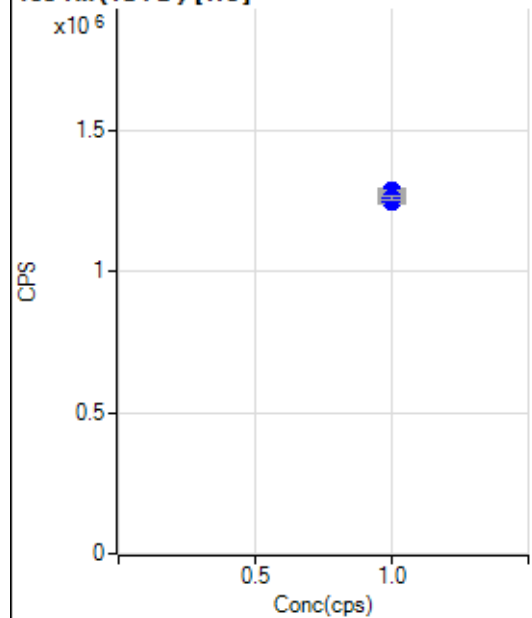
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3319330.47		A	4.4
2	☐	1.000					
3	☐	1.000		3264330.58		A	0.5
4	☐	1.000		3296780.40		A	0.6
5	☐	1.000		3319464.64		A	0.5
6	☐	1.000		3397087.07		A	0.5
7	☐	1.000		3422947.10		A	0.9
8	☐	1.000		3514969.92		A	0.9
9	☐	1.000		3360919.60		A	1.0

89 Y (ISTD) [He]

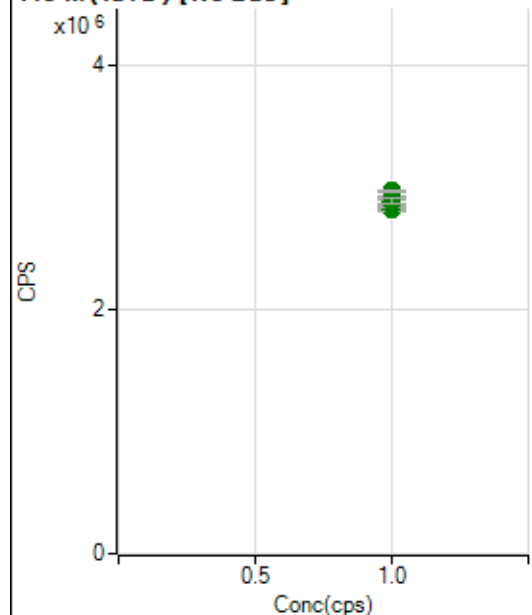
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		210593.20		P	1.0
2	☐	1.000					
3	☐	1.000		206530.87		P	0.1
4	☐	1.000		206355.28		P	0.6
5	☐	1.000		208339.07		P	0.7
6	☐	1.000		212265.75		P	0.6
7	☐	1.000		214234.57		P	0.2
8	☐	1.000		216192.88		P	0.3
9	☐	1.000		232569.99		P	1.3

103 Rh (ISTD) [No Gas]

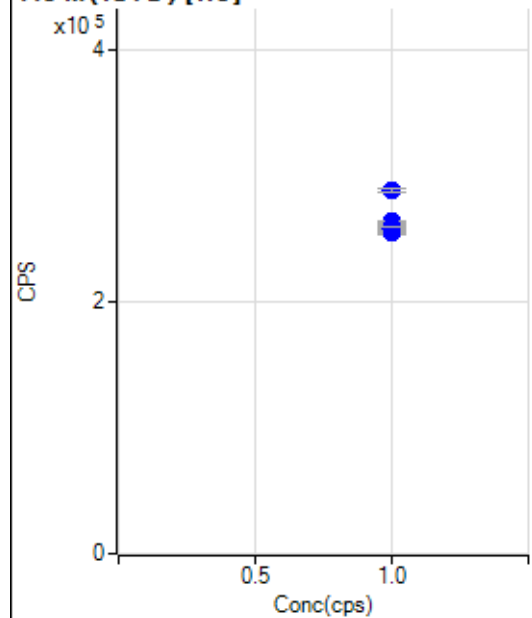
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3001694.95		A	4.4
2	☐	1.000					
3	☐	1.000		2910208.49		A	0.5
4	☐	1.000		2967510.03		A	0.2
5	☐	1.000		2930018.71		A	0.8
6	☐	1.000		2984121.38		A	0.7
7	☐	1.000		2987433.34		A	0.5
8	☐	1.000		3014998.94		A	1.3
9	☐	1.000		2835777.93		A	1.1

103 Rh (ISTD) [He]

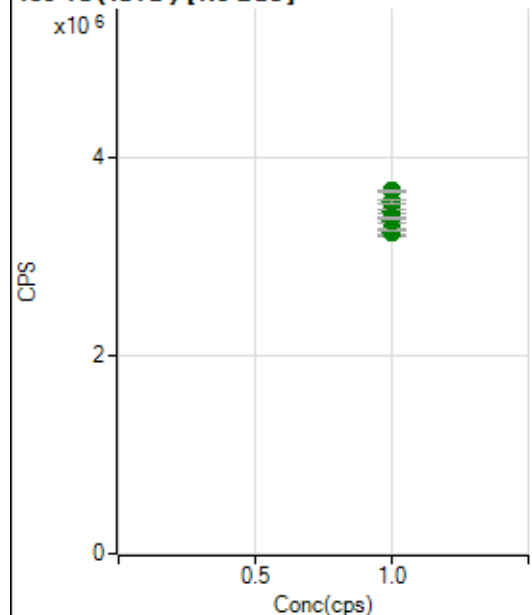
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1266097.22		P	0.2
2	☐	1.000					
3	☐	1.000		1253191.43		P	0.9
4	☐	1.000		1248599.64		P	0.9
5	☐	1.000		1266123.81		P	1.1
6	☐	1.000		1285485.38		P	1.1
7	☐	1.000		1281937.96		P	0.5
8	☐	1.000		1282960.91		P	0.4
9	☐	1.000		1259660.96		P	0.9

115 In (ISTD) [No Gas]

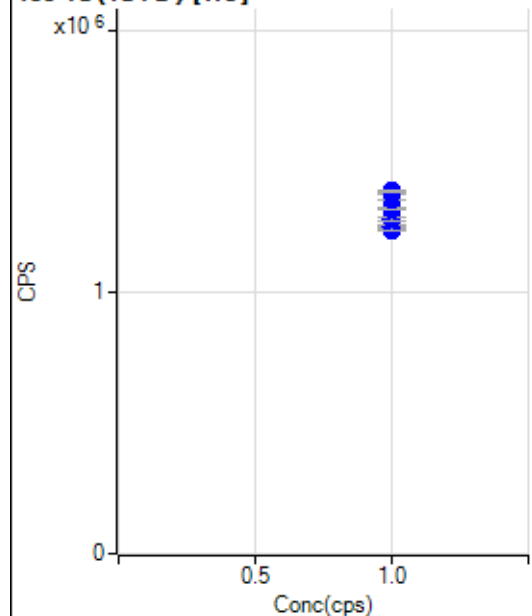
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2869995.17		A	3.8
2	☐	1.000					
3	☐	1.000		2814261.77		A	0.9
4	☐	1.000		2841938.35		A	0.8
5	☐	1.000		2856051.00		A	2.0
6	☐	1.000		2965338.71		A	0.1
7	☐	1.000		2954116.18		A	0.4
8	☐	1.000		2965147.49		A	0.3
9	☐	1.000		2882996.93		A	1.2

115 In (ISTD) [He]

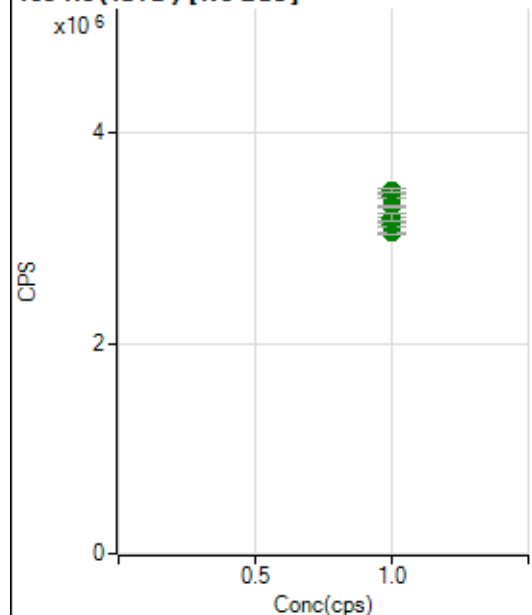
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		258520.88		P	0.0
2	☐	1.000					
3	☐	1.000		254150.21		P	0.9
4	☐	1.000		256320.53		P	1.0
5	☐	1.000		257899.21		P	1.3
6	☐	1.000		262224.37		P	0.6
7	☐	1.000		263165.94		P	0.3
8	☐	1.000		259344.16		P	0.1
9	☐	1.000		287722.06		P	1.2

159 Tb (ISTD) [No Gas]

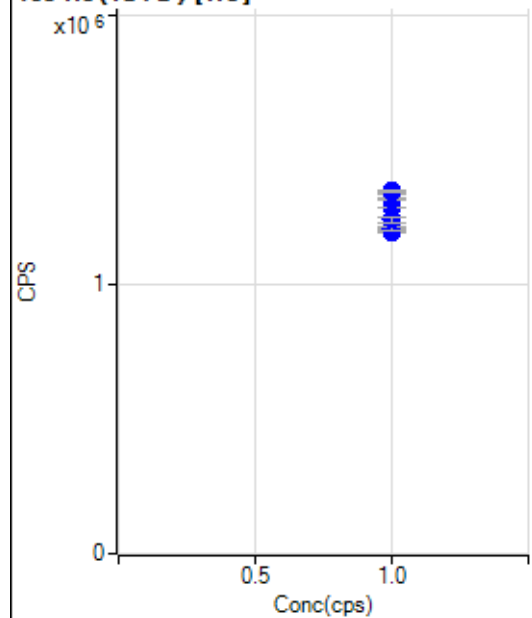
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3277019.40		A	3.7
2	☐	1.000					
3	☐	1.000		3239890.86		A	1.4
4	☐	1.000		3274609.01		A	0.6
5	☐	1.000		3366372.62		A	1.3
6	☐	1.000		3467079.95		A	1.2
7	☐	1.000		3561540.19		A	1.0
8	☐	1.000		3666616.09		A	0.5
9	☐	1.000		3392869.32		A	0.5

159 Tb (ISTD) [He]

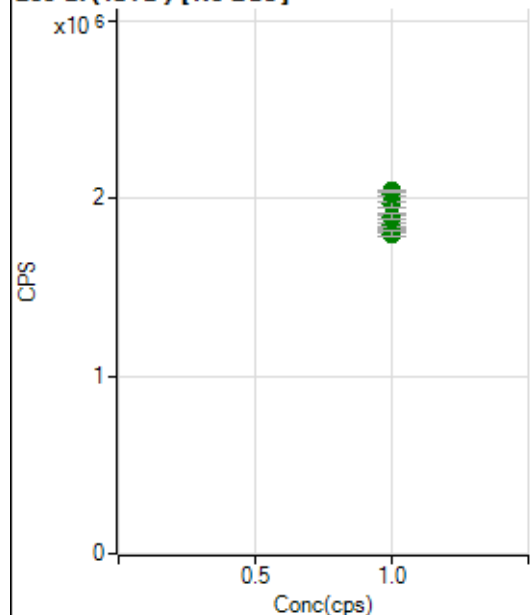
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1245599.90		P	0.6
2	☐	1.000					
3	☐	1.000		1237318.47		P	0.2
4	☐	1.000		1250239.94		P	1.5
5	☐	1.000		1280883.55		P	1.0
6	☐	1.000		1321836.47		P	0.8
7	☐	1.000		1356971.69		P	0.3
8	☐	1.000		1379784.49		P	0.8
9	☐	1.000		1389647.83		P	0.7

165 Ho (ISTD) [No Gas]

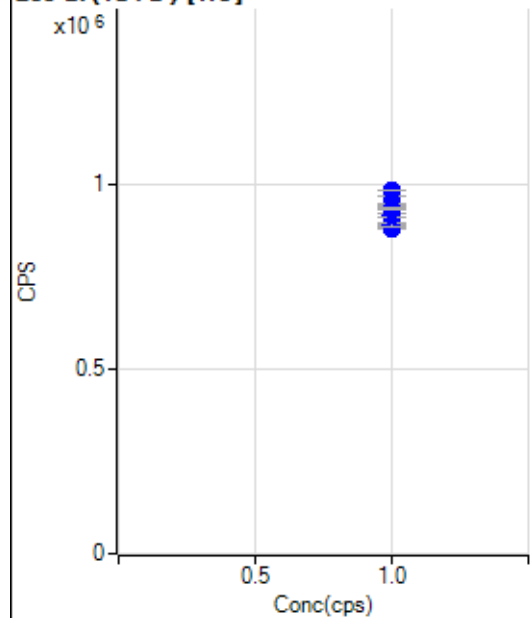
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3103181.82		A	3.4
2	☐	1.000					
3	☐	1.000		3053493.92		A	0.7
4	☐	1.000		3131057.75		A	1.2
5	☐	1.000		3185616.41		A	1.5
6	☐	1.000		3303220.87		A	0.5
7	☐	1.000		3403214.44		A	0.9
8	☐	1.000		3452403.98		A	1.1
9	☐	1.000		3200411.38		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1198593.20		P	1.0
2	☐	1.000					
3	☐	1.000		1190302.90		P	0.3
4	☐	1.000		1206918.83		P	1.1
5	☐	1.000		1238884.65		P	1.4
6	☐	1.000		1284279.50		P	0.4
7	☐	1.000		1313485.03		P	0.4
8	☐	1.000		1339890.92		P	0.8
9	☐	1.000		1345491.68		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1856479.43		A	5.0
2	☐	1.000					
3	☐	1.000		1826586.83		A	0.7
4	☐	1.000		1854728.88		A	1.3
5	☐	1.000		1901469.71		A	1.4
6	☐	1.000		1968051.32		A	1.5
7	☐	1.000		2024827.57		A	0.9
8	☐	1.000		2044385.16		A	0.2
9	☐	1.000		1801930.98		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		882654.11		P	1.2
2	☐	1.000					
3	☐	1.000		879066.76		P	0.4
4	☐	1.000		888158.59		P	1.0
5	☐	1.000		916738.23		P	1.1
6	☐	1.000		943557.08		P	0.6
7	☐	1.000		967331.94		P	0.3
8	☐	1.000		980750.11		P	0.1
9	☐	1.000		933028.83		P	0.9

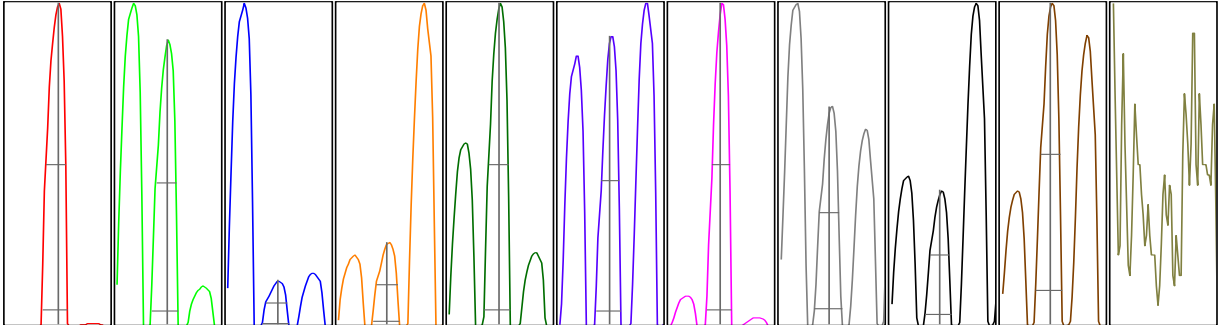
US EPA Tune Check Sample Report

Batch Folder D:\P8011619.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3422	2.17	5.00	
24	37793	1.13	5.00	
25	5246	1.48	5.00	
26	6222	1.27	5.00	
59	37091	0.64	5.00	
113	4000	1.01	5.00	
115	47831	0.49	5.00	
206	8634	1.35	5.00	
207	7977	1.46	5.00	
208	18888	1.14	5.00	
220	1	26.42		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3474	3495	3457	3351	3334
24	38222	38278	37618	37491	37354
25	5321	5324	5250	5176	5159
26	6307	6297	6218	6143	6145
59	37351	37281	37129	36817	36877
113	4060	4018	3992	3959	3971
115	47841	47680	48236	47709	47687
206	8773	8736	8608	8554	8500
207	8088	8062	8031	7831	7874
208	19106	19024	18863	18902	18543
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% X% (Flag)
9	6292	9.05	8.9 - 9.1		0.733	0.900	
24	68640	24.00	23.9 - 24.1		0.775	0.900	
25	9547	25.00	24.9 - 25.1		0.763	0.900	
26	11187	25.95	25.9 - 26.1		0.778	0.900	
59	68588	59.00	58.9 - 59.1		0.738	0.900	
113	7952	113.00	112.9 - 113.1		0.726	0.900	
115	95871	115.00	114.9 - 115.1		0.718	0.900	
206	16510	205.95	205.9 - 206.1		0.768	0.900	
207	14889	206.95	206.9 - 207.1		0.745	0.900	
208	35715	207.95	207.9 - 208.1		0.744	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	11.5	V	Deflect	16.6	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	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7051	1.16	
89	5014	1.52	
205	7093	0.93	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7188	7054	7003	6978	7031
89	5141	5028	4988	4954	4961
205	7169	7151	7018	7046	7080

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	11.5	V	Deflect	3.6	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 : LB100339 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 13:45:03 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	-1.21	0.96	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	0.05	-0.02	-0.03	0.00	N/A	ppb
Barium	135-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.25	0.48	-0.23	0.00	N/A	ppb
Boron	11-1	-0.07	0.05	0.03	0.00	N/A	ppb
Cadmium	111-1	0.02	0.02	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.38	0.28	-0.66	0.00	N/A	ppb
Cadmium	108-1	0.05	-0.06	0.01	0.00	N/A	ppb
Calcium	43-1	1.19	-1.75	0.56	0.00	N/A	ppb
Calcium	44-1	-3.10	-0.75	3.86	0.00	N/A	ppb
Chromium	52-2	0.11	-0.10	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.03	0.04	-0.07	0.00	N/A	ppb
Iron	57-2	0.02	-0.32	0.30	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	-0.02	0.00	0.02	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.57	0.11	-0.69	0.00	N/A	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:45:03	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.03	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.02	0.02	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.02	-0.05	0.00	N/A	ppb
Phosphorus	31-2	-0.29	-0.46	-10.53	-3.76		ppb
Potassium	39-2	-10.36	2.90	7.46	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.03	0.00	0.03	0.00	N/A	ppb
Selenium	78-2	-0.17	0.34	-0.16	0.00	N/A	ppb
Selenium	82-1	-0.15	0.13	0.01	0.00	N/A	ppb
Silicon	28-1	-2.54	-1.11	3.65	0.00	N/A	ppb
Silver	109-1	-0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.32	2.11	-0.79	0.00	N/A	ppb
Strontium	86-1	-0.05	0.00	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-598.88	-160.61	821.72	20.74	3506.75	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	-0.04	0.05	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	0.02	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	-0.07	-0.01	0.00	N/A	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:45:03	DataFile Name :	003CALB.d

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

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:52:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.59	17.07	20.38	19.35	10.19	ppb
Antimony	121-1	1.81	1.81	1.79	1.80	0.69	ppb
Arsenic	75-2	0.65	0.86	0.90	0.80	16.46	ppb
Barium	135-1	9.28	9.90	8.78	9.32	6.00	ppb
Barium	137-1	9.27	9.80	9.67	9.58	2.85	ppb
Beryllium	9-1	0.89	0.97	0.92	0.93	4.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	18.96	21.22	24.48	21.55	12.89	ppb
Boron	11-1	21.33	21.92	23.21	22.15	4.35	ppb
Cadmium	111-1	0.95	0.99	0.87	0.94	6.80	ppb
Cadmium	106-1	2.76	2.39	1.29	2.15	35.79	ppb
Cadmium	108-1	0.86	1.13	0.66	0.88	26.64	ppb
Calcium	43-1	422.94	426.53	438.97	429.48	1.96	ppb
Calcium	44-1	427.82	430.20	433.52	430.51	0.67	ppb
Chromium	52-2	2.07	1.70	1.93	1.90	9.71	ppb
Cobalt	59-2	0.93	0.86	0.92	0.90	4.26	ppb
Copper	63-2	1.78	1.97	1.95	1.90	5.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	50.96	48.85	50.94	50.25	2.41	ppb
Iron	57-2	48.78	43.23	49.26	47.09	7.12	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.78	0.84	0.84	6.83	ppb
Lead	207-1	0.82	0.88	0.86	0.85	4.02	ppb
Lead	208-1	0.84	0.84	0.84	0.84	0.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	486.52	460.31	486.55	477.79	3.17	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:52:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	0.79	1.03	0.97	16.13	ppb
Molybdenum	94-1	4.78	4.63	4.65	4.69	1.79	ppb
Molybdenum	95-1	4.50	4.72	4.53	4.58	2.62	ppb
Molybdenum	96-1	4.69	4.81	4.64	4.71	1.84	ppb
Molybdenum	97-1	4.79	4.57	4.46	4.61	3.60	ppb
Molybdenum	98-1	4.63	4.59	4.61	4.61	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	1.00	1.02	0.97	5.92	ppb
Phosphorus	31-2	11.32	9.89	-9.92	3.76	315.64	ppb
Potassium	39-2	474.47	456.17	455.77	462.13	2.31	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	9.38	3.16	0.06	4.20	112.94	ppb
Selenium	78-2	6.55	8.08	7.07	7.23	10.73	ppb
Selenium	82-1	5.32	4.97	3.96	4.75	14.93	ppb
Silicon	28-1	8.23	9.62	10.30	9.38	11.24	ppb
Silver	109-1	0.85	0.92	0.90	0.89	3.78	ppb
Silver	107-1	0.98	1.00	0.90	0.96	5.46	ppb
Sodium	23-2	477.34	456.76	461.38	465.16	2.32	ppb
Strontium	86-1	1.02	0.86	0.91	0.93	8.66	ppb
Strontium	88-1	0.94	0.89	0.95	0.92	3.50	ppb
Sulfur	34-1	-186.82	-87.91	212.50	-20.74		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.77	0.94	0.85	0.86	10.01	ppb
Thallium	205-1	0.93	0.88	0.87	0.89	3.59	ppb
Tin	118-1	4.86	4.87	4.64	4.79	2.69	ppb
Titanium	47-1	4.48	4.60	4.68	4.58	2.23	ppb
Uranium	238-1	0.92	0.84	0.82	0.86	6.26	ppb
Vanadium	51-2	4.70	4.83	4.87	4.80	1.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	2.19	1.95	2.28	2.14	7.96	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:52:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.90	0.92	0.91	1.41	ppb
Zirconium	91-1	0.71	0.84	0.87	0.81	10.86	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:56:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	905.59	937.31	930.90	924.60	1.81	ppb
Antimony	121-1	50.34	51.26	50.47	50.69	0.98	ppb
Arsenic	75-2	49.36	49.28	49.59	49.41	0.33	ppb
Barium	135-1	249.88	249.14	251.78	250.27	0.54	ppb
Barium	137-1	254.78	255.09	256.97	255.61	0.46	ppb
Beryllium	9-1	50.43	52.12	51.79	51.45	1.74	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	51.17	50.82	52.28	51.43	1.49	ppb
Boron	11-1	49.18	51.51	51.40	50.70	2.59	ppb
Cadmium	111-1	50.66	52.18	51.76	51.54	1.52	ppb
Cadmium	106-1	51.71	53.62	52.03	52.45	1.96	ppb
Cadmium	108-1	54.88	47.09	52.21	51.39	7.70	ppb
Calcium	43-1	4791.02	4806.05	4777.25	4791.44	0.30	ppb
Calcium	44-1	4770.75	4810.49	4832.58	4804.60	0.65	ppb
Chromium	52-2	50.78	50.55	51.44	50.92	0.90	ppb
Cobalt	59-2	50.23	50.64	50.14	50.33	0.53	ppb
Copper	63-2	100.92	101.59	100.90	101.14	0.39	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				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	2548.78	2545.11	2532.78	2542.22	0.33	ppb
Iron	57-2	2530.75	2466.46	2462.26	2486.49	1.54	ppb
Krypton	83-1						cps
Lead	206-1	48.24	49.31	49.07	48.87	1.15	ppb
Lead	207-1	48.32	48.79	48.59	48.57	0.49	ppb
Lead	208-1	47.67	48.74	48.27	48.23	1.12	ppb
Lithium	6-1				101		%
Magnesium	24-2	5372.07	5292.29	5375.71	5346.69	0.88	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:56:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.08	100.23	102.60	100.97	1.40	ppb
Molybdenum	94-1	250.24	246.60	243.58	246.81	1.35	ppb
Molybdenum	95-1	243.03	245.03	241.96	243.34	0.64	ppb
Molybdenum	96-1	242.72	248.27	243.97	244.98	1.19	ppb
Molybdenum	97-1	245.07	251.66	247.59	248.10	1.34	ppb
Molybdenum	98-1	244.00	248.34	246.67	246.34	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.61	50.11	52.72	51.48	2.54	ppb
Phosphorus	31-2	1073.26	1001.69	1110.36	1061.77	5.20	ppb
Potassium	39-2	2440.81	2461.02	2442.44	2448.09	0.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	43.28	53.20	37.35	44.61	17.95	ppb
Selenium	78-2	48.59	39.82	54.57	47.66	15.56	ppb
Selenium	82-1	48.97	50.35	48.66	49.33	1.82	ppb
Silicon	28-1	63.48	66.37	62.38	64.08	3.22	ppb
Silver	109-1	51.19	52.15	51.98	51.77	0.99	ppb
Silver	107-1	51.08	52.45	52.46	52.00	1.52	ppb
Sodium	23-2	4992.04	4971.34	5006.86	4990.08	0.36	ppb
Strontium	86-1	48.55	51.13	48.49	49.39	3.05	ppb
Strontium	88-1	49.70	50.55	49.81	50.02	0.92	ppb
Sulfur	34-1	982.40	1281.92	1105.22	1123.18	13.41	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	47.86	48.81	47.51	48.06	1.40	ppb
Thallium	205-1	48.31	49.65	48.17	48.71	1.68	ppb
Tin	118-1	50.86	51.89	52.09	51.61	1.29	ppb
Titanium	47-1	248.88	247.87	245.01	247.25	0.81	ppb
Uranium	238-1	46.65	47.69	47.41	47.25	1.14	ppb
Vanadium	51-2	50.62	49.88	51.30	50.60	1.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	100.16	98.75	102.52	100.48	1.89	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:56:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.54	49.34	49.08	48.98	0.83	ppb
Zirconium	91-1	47.59	48.44	47.49	47.84	1.09	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:00:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2340.46	2336.98	2370.58	2349.34	0.79	ppb
Antimony	121-1	125.77	126.08	123.61	125.15	1.08	ppb
Arsenic	75-2	125.00	123.88	127.19	125.35	1.34	ppb
Barium	135-1	620.22	621.46	615.02	618.90	0.55	ppb
Barium	137-1	628.81	635.58	624.93	629.77	0.86	ppb
Beryllium	9-1	127.78	130.63	126.43	128.28	1.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	119.97	129.48	120.17	123.21	4.41	ppb
Boron	11-1	125.70	125.45	125.11	125.42	0.23	ppb
Cadmium	111-1	128.22	127.84	125.21	127.09	1.29	ppb
Cadmium	106-1	128.68	137.94	124.65	130.42	5.22	ppb
Cadmium	108-1	128.08	123.82	128.41	126.77	2.02	ppb
Calcium	43-1	12028.85	12160.98	11898.96	12029.60	1.09	ppb
Calcium	44-1	12300.00	12306.12	12319.36	12308.49	0.08	ppb
Chromium	52-2	125.77	127.51	128.14	127.14	0.97	ppb
Cobalt	59-2	124.66	126.81	127.93	126.47	1.32	ppb
Copper	63-2	249.65	255.47	258.03	254.38	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	6192.89	6244.90	6408.74	6282.18	1.79	ppb
Iron	57-2	6181.30	6277.01	6280.30	6246.21	0.90	ppb
Krypton	83-1						cps
Lead	206-1	121.21	122.44	121.08	121.58	0.62	ppb
Lead	207-1	121.06	121.60	119.62	120.76	0.85	ppb
Lead	208-1	120.75	121.85	119.54	120.71	0.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	13255.76	13515.10	13522.56	13431.14	1.13	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:00:04	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	251.17	256.59	259.83	255.87	1.71	ppb
Molybdenum	94-1	618.63	622.83	627.96	623.14	0.75	ppb
Molybdenum	95-1	612.27	621.16	619.74	617.72	0.77	ppb
Molybdenum	96-1	617.66	623.93	625.53	622.37	0.67	ppb
Molybdenum	97-1	616.86	622.76	622.17	620.59	0.52	ppb
Molybdenum	98-1	618.30	625.40	628.04	623.91	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.19	129.59	130.77	129.18	1.41	ppb
Phosphorus	31-2	2573.84	2410.58	2438.03	2474.15	3.53	ppb
Potassium	39-2	6033.10	6090.51	6026.09	6049.90	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	165.15	104.48	155.12	141.58	22.97	ppb
Selenium	78-2	126.36	122.35	123.00	123.90	1.74	ppb
Selenium	82-1	124.88	124.51	125.30	124.90	0.32	ppb
Silicon	28-1	160.65	165.32	162.77	162.91	1.43	ppb
Silver	109-1	127.25	128.46	126.10	127.27	0.93	ppb
Silver	107-1	128.19	127.69	126.00	127.29	0.90	ppb
Sodium	23-2	12739.77	12881.02	12825.63	12815.47	0.56	ppb
Strontium	86-1	123.05	125.31	123.12	123.83	1.04	ppb
Strontium	88-1	125.50	124.96	127.51	125.99	1.07	ppb
Sulfur	34-1	2798.26	2911.49	2425.42	2711.72	9.38	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	119.80	122.66	119.35	120.60	1.49	ppb
Thallium	205-1	122.02	124.03	121.45	122.50	1.11	ppb
Tin	118-1	128.66	126.45	123.00	126.04	2.26	ppb
Titanium	47-1	619.06	622.42	615.44	618.97	0.56	ppb
Uranium	238-1	119.25	119.98	118.52	119.25	0.61	ppb
Vanadium	51-2	123.16	125.92	127.56	125.54	1.77	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	251.72	255.79	256.54	254.68	1.02	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:00:04	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	121.17	124.30	123.26	122.91	1.30	ppb
Zirconium	91-1	121.50	122.56	123.37	122.48	0.77	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:03:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4616.18	4788.04	4667.84	4690.69	1.88	ppb
Antimony	121-1	250.30	243.03	247.37	246.90	1.48	ppb
Arsenic	75-2	245.50	243.55	243.60	244.22	0.45	ppb
Barium	135-1	1239.22	1194.38	1219.82	1217.80	1.85	ppb
Barium	137-1	1294.52	1211.89	1252.86	1253.09	3.30	ppb
Beryllium	9-1	250.29	244.78	247.06	247.38	1.12	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	244.84	233.06	246.08	241.32	2.98	ppb
Boron	11-1	244.03	242.00	247.84	244.62	1.21	ppb
Cadmium	111-1	250.27	246.03	245.37	247.23	1.07	ppb
Cadmium	106-1	254.63	240.87	244.97	246.82	2.86	ppb
Cadmium	108-1	248.27	245.25	250.13	247.88	1.00	ppb
Calcium	43-1	23862.00	23610.53	23787.69	23753.41	0.54	ppb
Calcium	44-1	23947.42	23541.36	23806.88	23765.22	0.87	ppb
Chromium	52-2	252.49	259.03	255.32	255.61	1.28	ppb
Cobalt	59-2	252.98	257.42	255.40	255.27	0.87	ppb
Copper	63-2	506.76	519.77	508.22	511.59	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				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	12503.03	12747.39	12647.44	12632.62	0.97	ppb
Iron	57-2	12610.27	12739.01	12635.13	12661.47	0.54	ppb
Krypton	83-1						cps
Lead	206-1	238.00	237.29	232.26	235.85	1.33	ppb
Lead	207-1	234.43	235.89	232.32	234.21	0.77	ppb
Lead	208-1	236.39	235.71	233.79	235.30	0.57	ppb
Lithium	6-1				107		%
Magnesium	24-2	26595.53	27042.02	26813.70	26817.08	0.83	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:03:51	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	503.41	517.80	511.67	510.96	1.41	ppb
Molybdenum	94-1	1249.85	1244.27	1230.09	1241.40	0.82	ppb
Molybdenum	95-1	1251.69	1229.03	1231.67	1237.46	1.00	ppb
Molybdenum	96-1	1237.36	1241.57	1232.20	1237.04	0.38	ppb
Molybdenum	97-1	1224.88	1259.13	1223.04	1235.68	1.64	ppb
Molybdenum	98-1	1228.61	1219.13	1218.93	1222.22	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.10	261.01	258.90	258.67	0.95	ppb
Phosphorus	31-2	4826.14	5251.77	4730.18	4936.03	5.62	ppb
Potassium	39-2	11955.15	12312.47	12166.23	12144.62	1.48	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	252.37	211.18	258.19	240.58	10.65	ppb
Selenium	78-2	247.39	245.00	241.31	244.57	1.25	ppb
Selenium	82-1	244.60	248.80	245.52	246.31	0.90	ppb
Silicon	28-1	291.41	287.12	287.69	288.74	0.81	ppb
Silver	109-1	251.62	246.49	247.10	248.40	1.13	ppb
Silver	107-1	252.86	245.20	247.85	248.64	1.56	ppb
Sodium	23-2	25313.70	25919.45	25916.06	25716.40	1.36	ppb
Strontium	86-1	242.04	242.10	238.47	240.87	0.86	ppb
Strontium	88-1	248.93	249.22	248.40	248.85	0.17	ppb
Sulfur	34-1	5051.38	4114.96	4426.54	4530.96	10.52	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	240.94	237.58	235.01	237.84	1.25	ppb
Thallium	205-1	250.37	242.52	239.73	244.21	2.26	ppb
Tin	118-1	252.06	246.26	247.51	248.61	1.23	ppb
Titanium	47-1	1230.12	1206.33	1213.74	1216.73	1.00	ppb
Uranium	238-1	244.22	239.79	238.83	240.95	1.19	ppb
Vanadium	51-2	249.78	253.86	250.85	251.50	0.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	509.82	520.52	516.92	515.75	1.06	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:03:51	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	248.85	247.02	244.97	246.95	0.78	ppb
Zirconium	91-1	241.33	238.69	237.15	239.06	0.88	ppb

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:07:30 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9304.38	9459.40	9299.38	9354.39	0.97	ppb
Antimony	121-1	512.31	504.70	508.70	508.57	0.75	ppb
Arsenic	75-2	506.27	503.14	498.88	502.77	0.74	ppb
Barium	135-1	2584.77	2504.80	2548.05	2545.87	1.57	ppb
Barium	137-1	2584.48	2527.13	2551.88	2554.50	1.13	ppb
Beryllium	9-1	510.47	504.13	510.16	508.25	0.70	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	494.41	489.71	520.37	501.50	3.29	ppb
Boron	11-1	496.03	499.52	511.52	502.36	1.62	ppb
Cadmium	111-1	505.15	498.33	502.61	502.03	0.69	ppb
Cadmium	106-1	503.21	492.77	514.89	503.62	2.20	ppb
Cadmium	108-1	495.93	500.57	497.30	497.93	0.48	ppb
Calcium	43-1	49374.39	48206.89	48062.85	48548.05	1.48	ppb
Calcium	44-1	48639.79	48512.68	47869.01	48340.49	0.85	ppb
Chromium	52-2	508.48	517.71	510.40	512.19	0.95	ppb
Cobalt	59-2	500.72	513.82	510.05	508.19	1.33	ppb
Copper	63-2	1011.41	1021.91	1039.43	1024.25	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	24766.08	25505.18	25141.98	25137.75	1.47	ppb
Iron	57-2	24970.71	25657.78	25392.98	25340.49	1.37	ppb
Krypton	83-1						cps
Lead	206-1	495.44	493.80	491.48	493.57	0.40	ppb
Lead	207-1	487.80	487.50	491.82	489.04	0.49	ppb
Lead	208-1	499.38	497.61	497.75	498.25	0.20	ppb
Lithium	6-1				109		%
Magnesium	24-2	53263.83	54330.02	53782.23	53792.03	0.99	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:07:30	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.66	1023.19	1021.95	1019.27	0.56	ppb
Molybdenum	94-1	2553.52	2535.26	2547.03	2545.27	0.36	ppb
Molybdenum	95-1	2503.81	2519.66	2551.72	2525.06	0.97	ppb
Molybdenum	96-1	2519.36	2515.78	2515.66	2516.93	0.08	ppb
Molybdenum	97-1	2534.74	2581.82	2542.60	2553.05	0.99	ppb
Molybdenum	98-1	2496.43	2562.33	2503.25	2520.67	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.44	522.15	512.76	514.12	1.45	ppb
Phosphorus	31-2	10199.48	10015.57	10004.58	10073.21	1.09	ppb
Potassium	39-2	23946.82	24440.83	24267.06	24218.23	1.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	482.41	550.67	522.76	518.61	6.62	ppb
Selenium	78-2	475.86	522.53	490.78	496.39	4.80	ppb
Selenium	82-1	503.04	512.96	505.53	507.18	1.02	ppb
Silicon	28-1	525.35	510.71	512.36	516.14	1.55	ppb
Silver	109-1	511.13	504.32	513.92	509.79	0.97	ppb
Silver	107-1	510.81	510.46	507.97	509.74	0.30	ppb
Sodium	23-2	49970.99	51062.98	50498.03	50510.67	1.08	ppb
Strontium	86-1	501.66	500.57	496.03	499.42	0.60	ppb
Strontium	88-1	503.57	505.91	503.71	504.40	0.26	ppb
Sulfur	34-1	10187.16	9174.72	8894.61	9418.83	7.22	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	497.20	489.59	494.16	493.65	0.78	ppb
Thallium	205-1	505.16	505.46	505.97	505.53	0.08	ppb
Tin	118-1	515.98	497.84	507.14	506.99	1.79	ppb
Titanium	47-1	2585.43	2536.11	2504.64	2542.06	1.60	ppb
Uranium	238-1	505.09	493.21	498.75	499.01	1.19	ppb
Vanadium	51-2	501.33	512.96	506.82	507.03	1.15	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1011.83	1029.62	1022.81	1021.42	0.88	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:07:30	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.88	505.98	506.83	506.56	0.10	ppb
Zirconium	91-1	495.19	496.37	494.65	495.40	0.18	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:11:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18274.45	18321.18	18106.53	18234.05	0.62	ppb
Antimony	121-1	1014.21	989.07	986.03	996.44	1.55	ppb
Arsenic	75-2	997.79	998.25	1004.11	1000.05	0.35	ppb
Barium	135-1	5070.72	4946.44	4940.42	4985.86	1.48	ppb
Barium	137-1	5016.87	4974.84	4921.59	4971.10	0.96	ppb
Beryllium	9-1	995.71	994.82	997.61	996.05	0.14	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	10-1	981.87	1014.74	1008.37	1001.66	1.74	ppb
Boron	11-1	984.12	1013.71	1002.62	1000.15	1.49	ppb
Cadmium	111-1	1005.33	1000.39	992.30	999.34	0.66	ppb
Cadmium	106-1	1006.61	990.87	997.06	998.18	0.79	ppb
Cadmium	108-1	998.22	1001.21	1004.38	1001.27	0.31	ppb
Calcium	43-1	99100.86	99288.00	97033.65	98474.17	1.27	ppb
Calcium	44-1	97634.34	97747.43	95402.18	96927.98	1.36	ppb
Chromium	52-2	996.92	991.35	988.29	992.19	0.44	ppb
Cobalt	59-2	1006.40	978.81	997.94	994.39	1.42	ppb
Copper	63-2	2003.66	1984.95	1964.51	1984.37	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	49308.13	48912.93	48647.81	48956.29	0.68	ppb
Iron	57-2	49479.18	48789.45	48976.57	49081.73	0.73	ppb
Krypton	83-1						cps
Lead	206-1	1016.87	1000.30	1004.53	1007.23	0.85	ppb
Lead	207-1	1005.43	998.29	1026.37	1010.03	1.44	ppb
Lead	208-1	1008.13	1000.27	1007.13	1005.18	0.43	ppb
Lithium	6-1				112		%
Magnesium	24-2	104152.53	102411.36	103190.73	103251.54	0.84	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:11:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1991.88	1988.72	1979.93	1986.84	0.31	ppb
Molybdenum	94-1	5037.92	4967.61	4934.20	4979.91	1.06	ppb
Molybdenum	95-1	5038.07	5039.38	4898.09	4991.85	1.63	ppb
Molybdenum	96-1	5064.11	5004.10	4917.85	4995.35	1.47	ppb
Molybdenum	97-1	5003.24	5020.36	4909.50	4977.70	1.20	ppb
Molybdenum	98-1	5049.21	5045.02	4896.55	4996.93	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	996.20	986.81	987.52	990.18	0.53	ppb
Phosphorus	31-2	20138.75	20103.43	19696.42	19979.53	1.23	ppb
Potassium	39-2	47285.36	47152.81	46727.90	47055.35	0.62	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	1095.42	941.39	936.94	991.25	9.10	ppb
Selenium	78-2	1016.80	997.56	995.85	1003.41	1.16	ppb
Selenium	82-1	1005.34	1006.33	980.47	997.38	1.47	ppb
Silicon	28-1	993.12	990.35	946.96	976.81	2.65	ppb
Silver	109-1	990.66	996.27	998.46	995.13	0.40	ppb
Silver	107-1	1001.10	991.74	992.41	995.08	0.52	ppb
Sodium	23-2	98299.48	96991.79	97617.20	97636.16	0.67	ppb
Strontium	86-1	1009.57	1006.31	992.37	1002.75	0.91	ppb
Strontium	88-1	990.13	1012.50	991.26	997.96	1.26	ppb
Sulfur	34-1	21015.54	20744.39	19365.73	20375.22	4.34	ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	1014.08	1015.31	991.20	1006.86	1.35	ppb
Thallium	205-1	1011.76	992.65	992.77	999.06	1.10	ppb
Tin	118-1	1012.55	992.38	985.00	996.64	1.43	ppb
Titanium	47-1	4977.50	5004.12	4982.92	4988.18	0.28	ppb
Uranium	238-1	1003.27	1004.19	1003.38	1003.61	0.05	ppb
Vanadium	51-2	1003.68	996.61	987.74	996.01	0.80	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	1998.51	1987.27	1968.45	1984.74	0.77	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:11:05	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1007.12	998.88	987.38	997.79	0.99	ppb
Zirconium	91-1	1005.86	1008.95	1001.56	1005.46	0.37	ppb

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:14:32 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99609.19	99738.30	101965.72	100437.74	1.32	ppb
Antimony	121-1	1.55	1.56	1.54	1.55	0.88	ppb
Arsenic	75-2	1.41	1.45	1.47	1.44	2.21	ppb
Barium	135-1	0.72	0.68	0.59	0.66	10.06	ppb
Barium	137-1	0.76	0.71	0.62	0.70	10.02	ppb
Beryllium	9-1	0.10	0.13	0.07	0.10	31.15	ppb
Bismuth	209-1				97		%
Bismuth	209-2				106		%
Boron	10-1	22.63	18.70	19.71	20.35	10.05	ppb
Boron	11-1	22.39	19.90	17.46	19.91	12.37	ppb
Cadmium	111-1	0.11	0.09	-0.02	0.06	112.10	ppb
Cadmium	106-1	0.30	0.41	-1.08	-0.12		ppb
Cadmium	108-1	0.10	0.31	0.16	0.19	57.67	ppb
Calcium	43-1	507613.40	499207.80	494758.62	500526.61	1.30	ppb
Calcium	44-1	503247.01	502733.08	496566.62	500848.90	0.74	ppb
Chromium	52-2	12.05	12.12	12.07	12.08	0.30	ppb
Cobalt	59-2	11.90	12.06	11.96	11.98	0.68	ppb
Copper	63-2	3.25	3.16	3.19	3.20	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				103		%
Holmium	165-2				112		%
Indium	115-1				100		%
Indium	115-2				111		%
Iron	56-2	250355.23	247240.50	252965.60	250187.11	1.15	ppb
Iron	57-2	249701.81	247112.40	253611.08	250141.76	1.31	ppb
Krypton	83-1						cps
Lead	206-1	1.70	1.31	1.24	1.42	17.40	ppb
Lead	207-1	1.39	1.22	1.06	1.22	13.16	ppb
Lead	208-1	1.50	1.30	1.14	1.31	13.52	ppb
Lithium	6-1				120		%
Magnesium	24-2	496434.03	497990.32	502134.39	498852.91	0.59	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:14:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.94	11.62	11.39	11.32	3.03	ppb
Molybdenum	94-1	3.01	2.61	2.64	2.75	8.17	ppb
Molybdenum	95-1	3.19	2.89	3.14	3.07	5.13	ppb
Molybdenum	96-1	3.39	3.38	3.45	3.41	1.16	ppb
Molybdenum	97-1	3.03	2.84	2.98	2.95	3.34	ppb
Molybdenum	98-1	3.17	2.99	2.95	3.04	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.66	16.16	15.84	16.22	2.54	ppb
Phosphorus	31-2	35.40	-12.15	-2.51	6.92	363.44	ppb
Potassium	39-2	249895.67	247231.03	254944.72	250690.47	1.56	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	77-2	-0.28	5.32	-0.33	1.57	206.53	ppb
Selenium	78-2	0.71	-0.67	0.23	0.09	805.64	ppb
Selenium	82-1	2.50	0.93	1.59	1.68	47.11	ppb
Silicon	28-1	37.71	37.19	39.14	38.01	2.66	ppb
Silver	109-1	0.27	0.27	0.31	0.29	7.71	ppb
Silver	107-1	0.35	0.32	0.32	0.33	6.35	ppb
Sodium	23-2	499861.78	495931.49	505341.12	500378.13	0.94	ppb
Strontium	86-1	4.48	4.39	4.01	4.29	5.79	ppb
Strontium	88-1	4.51	4.35	4.57	4.48	2.55	ppb
Sulfur	34-1	256.52	93.30	321.65	223.82	52.56	ppb
Terbium	159-1				104		%
Terbium	159-2				112		%
Thallium	203-1	0.13	0.15	0.08	0.12	29.16	ppb
Thallium	205-1	0.14	0.12	0.13	0.13	11.10	ppb
Tin	118-1	0.96	0.97	1.04	0.99	4.34	ppb
Titanium	47-1	1.13	1.11	0.94	1.06	9.95	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	8.47	ppb
Vanadium	51-2	0.18	0.14	0.20	0.18	15.95	ppb
Yttrium	89-1				101		%
Yttrium	89-2				110		%
Zinc	66-2	22.82	21.71	23.34	22.63	3.68	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:14:32	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.30	0.33	0.34	0.32	7.30	ppb
Zirconium	91-1	0.37	0.36	0.39	0.37	4.90	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:27:11	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	518.71	511.09	524.98	518.26	1.34	ppb
Antimony	121-1	200.57	203.14	203.46	202.39	0.78	ppb
Arsenic	75-2	200.35	201.20	197.00	199.52	1.11	ppb
Barium	135-1	99.18	102.89	102.79	101.62	2.08	ppb
Barium	137-1	101.41	104.32	102.70	102.81	1.42	ppb
Beryllium	9-1	95.05	95.20	95.13	95.12	0.08	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	10-1	3.77	3.66	3.29	3.57	7.07	ppb
Boron	11-1	2.97	2.96	3.48	3.14	9.55	ppb
Cadmium	111-1	102.06	104.10	102.17	102.78	1.12	ppb
Cadmium	106-1	88.62	96.53	97.29	94.15	5.10	ppb
Cadmium	108-1	94.44	95.19	96.61	95.41	1.15	ppb
Calcium	43-1	1866.29	1912.34	1926.61	1901.75	1.66	ppb
Calcium	44-1	1908.81	1926.33	1944.33	1926.49	0.92	ppb
Chromium	52-2	98.97	98.00	99.76	98.91	0.89	ppb
Cobalt	59-2	100.96	98.61	101.25	100.28	1.44	ppb
Copper	63-2	102.19	100.20	102.13	101.51	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	56-2	1011.28	1006.51	1019.39	1012.39	0.64	ppb
Iron	57-2	1005.51	978.34	1042.18	1008.68	3.18	ppb
Krypton	83-1						cps
Lead	206-1	194.07	200.69	197.86	197.54	1.68	ppb
Lead	207-1	185.20	192.06	186.83	188.03	1.90	ppb
Lead	208-1	189.52	195.44	192.11	192.36	1.54	ppb
Lithium	6-1				130		%
Magnesium	24-2	1232.51	1211.10	1259.32	1234.31	1.96	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:27:11	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.92	101.65	102.40	101.66	0.73	ppb
Molybdenum	94-1	0.08	0.04	0.10	0.07	43.61	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.05	26.45	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.05	8.52	ppb
Molybdenum	97-1	0.04	0.01	0.08	0.05	77.86	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.05	22.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.22	102.26	103.19	102.22	0.96	ppb
Phosphorus	31-2	-11.81	-30.82	7.41	-11.74		ppb
Potassium	39-2	2026.76	1978.50	2027.27	2010.84	1.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	205.83	186.94	159.14	183.97	12.77	ppb
Selenium	78-2	207.57	240.10	213.03	220.23	7.91	ppb
Selenium	82-1	206.06	201.24	205.80	204.37	1.33	ppb
Silicon	28-1	7.32	6.84	6.93	7.03	3.66	ppb
Silver	109-1	103.92	105.27	105.20	104.80	0.72	ppb
Silver	107-1	104.77	106.36	105.26	105.47	0.77	ppb
Sodium	23-2	2048.56	2036.74	2094.24	2059.85	1.47	ppb
Strontium	86-1	2.50	2.28	2.12	2.30	8.15	ppb
Strontium	88-1	2.50	2.36	2.36	2.41	3.41	ppb
Sulfur	34-1	-508.14	-498.65	-551.49	-519.43		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	194.94	203.43	197.13	198.50	2.22	ppb
Thallium	205-1	198.86	205.66	201.72	202.08	1.69	ppb
Tin	118-1	0.04	0.04	0.08	0.05	44.34	ppb
Titanium	47-1	0.02	0.08	0.09	0.06	56.05	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	21.30	ppb
Vanadium	51-2	99.92	95.90	100.10	98.64	2.41	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	203.78	201.20	206.32	203.77	1.26	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:27:11	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	-0.01	0.01	203.36	ppb
Zirconium	91-1	0.08	0.07	0.09	0.08	12.13	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:31:34	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.75	16.55	16.10	17.46	11.41	ppb
Antimony	121-1	2.06	2.01	1.95	2.01	2.74	ppb
Arsenic	75-2	1.22	1.03	0.92	1.06	14.41	ppb
Barium	135-1	10.29	9.98	9.93	10.07	1.92	ppb
Barium	137-1	10.07	9.93	9.67	9.89	2.07	ppb
Beryllium	9-1	0.82	0.93	0.97	0.91	8.77	ppb
Bismuth	209-1				96		%
Bismuth	209-2				105		%
Boron	10-1	22.89	23.04	23.82	23.25	2.15	ppb
Boron	11-1	23.10	22.61	24.60	23.44	4.44	ppb
Cadmium	111-1	0.88	1.05	1.06	1.00	9.96	ppb
Cadmium	106-1	0.85	2.81	0.91	1.52	73.04	ppb
Cadmium	108-1	1.01	0.79	1.43	1.08	29.90	ppb
Calcium	43-1	443.14	459.85	443.53	448.84	2.12	ppb
Calcium	44-1	458.67	465.52	459.00	461.06	0.84	ppb
Chromium	52-2	1.54	1.52	1.77	1.61	8.62	ppb
Cobalt	59-2	0.99	0.90	0.93	0.94	4.97	ppb
Copper	63-2	1.92	1.88	1.83	1.88	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	56-2	48.10	49.81	49.10	49.00	1.75	ppb
Iron	57-2	47.70	40.70	48.93	45.77	9.70	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.95	1.01	0.98	3.39	ppb
Lead	207-1	0.92	0.88	0.85	0.88	4.10	ppb
Lead	208-1	0.91	0.93	0.91	0.91	1.06	ppb
Lithium	6-1				121		%
Magnesium	24-2	513.29	487.89	475.94	492.37	3.87	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:31:34	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.17	1.03	0.90	1.03	13.38	ppb
Molybdenum	94-1	4.74	4.78	4.63	4.72	1.63	ppb
Molybdenum	95-1	4.78	4.73	4.72	4.74	0.71	ppb
Molybdenum	96-1	4.72	4.91	4.68	4.77	2.61	ppb
Molybdenum	97-1	5.01	5.02	4.54	4.86	5.72	ppb
Molybdenum	98-1	4.86	4.78	4.76	4.80	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.90	0.95	0.91	3.87	ppb
Phosphorus	31-2	35.37	16.28	7.25	19.63	73.11	ppb
Potassium	39-2	497.21	490.77	484.30	490.76	1.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	11.16	5.58	5.52	7.42	43.63	ppb
Selenium	78-2	7.82	4.10	5.02	5.65	34.29	ppb
Selenium	82-1	5.02	5.66	5.16	5.28	6.39	ppb
Silicon	28-1	16.66	17.12	16.82	16.87	1.38	ppb
Silver	109-1	1.04	1.08	1.06	1.06	1.48	ppb
Silver	107-1	1.03	1.07	1.04	1.05	1.74	ppb
Sodium	23-2	504.13	517.85	509.63	510.54	1.35	ppb
Strontium	86-1	0.92	0.77	1.03	0.91	14.75	ppb
Strontium	88-1	0.93	0.95	0.93	0.94	1.02	ppb
Sulfur	34-1	-443.06	-379.16	-493.25	-438.49		ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	0.95	0.93	0.88	0.92	4.03	ppb
Thallium	205-1	0.88	0.87	0.91	0.88	2.43	ppb
Tin	118-1	4.81	5.14	4.93	4.96	3.33	ppb
Titanium	47-1	4.78	4.72	4.61	4.70	1.88	ppb
Uranium	238-1	0.85	0.92	0.83	0.87	5.35	ppb
Vanadium	51-2	4.79	4.59	4.71	4.70	2.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				107		%
Zinc	66-2	2.14	2.04	2.01	2.06	3.13	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:31:34	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.89	0.97	0.89	0.92	5.11	ppb
Zirconium	91-1	0.86	0.92	0.90	0.89	3.38	ppb

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:35:02 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.33	1.58	0.14	0.13	1129.84	ppb
Antimony	121-1	0.04	0.07	0.06	0.06	26.18	ppb
Arsenic	75-2	-0.02	0.02	0.01	0.00	699.18	ppb
Barium	135-1	0.01	0.00	0.00	0.00	95.60	ppb
Barium	137-1	0.04	0.02	0.02	0.03	38.94	ppb
Beryllium	9-1	0.00	0.03	0.01	0.01	138.77	ppb
Bismuth	209-1				94		%
Bismuth	209-2				100		%
Boron	10-1	2.68	2.66	2.45	2.60	4.84	ppb
Boron	11-1	2.17	2.67	2.34	2.39	10.69	ppb
Cadmium	111-1	0.07	0.07	0.08	0.07	11.29	ppb
Cadmium	106-1	1.10	1.04	1.10	1.08	3.31	ppb
Cadmium	108-1	0.23	0.08	-0.17	0.05	436.74	ppb
Calcium	43-1	4.39	6.61	4.23	5.08	26.20	ppb
Calcium	44-1	17.69	20.43	15.21	17.77	14.67	ppb
Chromium	52-2	0.00	-0.14	-0.08	-0.07		ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	122.59	ppb
Copper	63-2	0.10	0.11	0.11	0.11	3.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				104		%
Iron	56-2	0.01	0.33	0.34	0.23	81.33	ppb
Iron	57-2	0.97	0.00	-0.42	0.18	388.82	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	30.43	ppb
Lead	207-1	0.01	0.01	0.01	0.01	35.97	ppb
Lead	208-1	0.02	0.04	0.03	0.03	32.37	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.82	1.67	-0.03	0.82	103.63	ppb

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:35:02 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.01	0.04	0.03	54.88	ppb
Molybdenum	94-1	0.04	0.00	-0.01	0.01	253.06	ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.02	0.04	0.00	0.01	551.59	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	102.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.00	-0.02		ppb
Phosphorus	31-2	-11.23	7.81	-0.95	-1.46		ppb
Potassium	39-2	34.96	36.18	36.09	35.74	1.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	-0.09	-3.04	-0.13	-1.09		ppb
Selenium	78-2	0.80	0.29	-0.67	0.14	535.27	ppb
Selenium	82-1	-0.89	-0.23	0.42	-0.23		ppb
Silicon	28-1	10.08	10.38	7.59	9.35	16.37	ppb
Silver	109-1	0.05	0.07	0.03	0.05	40.77	ppb
Silver	107-1	0.05	0.03	0.05	0.04	34.87	ppb
Sodium	23-2	41.62	40.88	42.44	41.65	1.88	ppb
Strontium	86-1	-0.02	0.00	0.28	0.08	194.95	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.80	ppb
Sulfur	34-1	294.60	1348.70	192.96	612.09	104.55	ppb
Terbium	159-1				95		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.00	0.00	0.00	145.40	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	36.51	ppb
Tin	118-1	0.04	0.05	0.05	0.05	11.39	ppb
Titanium	47-1	-0.03	-0.02	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	0.01	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	0.08	0.01	-0.02	0.02	229.43	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:35:02	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00		ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	243.57	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:38:30	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81168.15	84650.94	84714.28	83511.12	2.43	ppb
Antimony	121-1	1.12	1.22	1.17	1.17	4.21	ppb
Arsenic	75-2	0.20	0.30	0.38	0.30	30.37	ppb
Barium	135-1	1.32	1.49	1.61	1.47	10.02	ppb
Barium	137-1	1.58	1.48	1.42	1.49	5.59	ppb
Beryllium	9-1	0.32	0.32	0.32	0.32	1.37	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	2.98	3.98	2.14	3.03	30.44	ppb
Boron	11-1	2.74	2.35	2.37	2.48	8.97	ppb
Cadmium	111-1	0.33	0.43	0.25	0.34	26.37	ppb
Cadmium	106-1	0.34	2.00	-0.16	0.72	155.74	ppb
Cadmium	108-1	9.79	10.52	10.63	10.31	4.44	ppb
Calcium	43-1	94149.83	93599.52	95256.51	94335.29	0.89	ppb
Calcium	44-1	92726.50	92546.03	92237.77	92503.43	0.27	ppb
Chromium	52-2	18.34	19.86	20.10	19.44	4.91	ppb
Cobalt	59-2	1.11	1.19	1.17	1.16	3.40	ppb
Copper	63-2	8.98	9.41	9.61	9.33	3.46	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				98		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	93269.32	96785.59	95594.54	95216.49	1.88	ppb
Iron	57-2	95386.07	98093.80	97536.61	97005.49	1.47	ppb
Krypton	83-1						cps
Lead	206-1	4.71	4.77	4.66	4.71	1.22	ppb
Lead	207-1	4.01	3.89	4.28	4.06	4.90	ppb
Lead	208-1	4.31	4.34	4.42	4.36	1.33	ppb
Lithium	6-1				97		%
Magnesium	24-2	92694.30	98132.62	98949.41	96592.11	3.52	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:38:30	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.59	7.64	7.89	7.71	2.08	ppb
Molybdenum	94-1	1332.04	1360.62	1340.54	1344.40	1.09	ppb
Molybdenum	95-1	1873.11	1907.19	1905.63	1895.31	1.02	ppb
Molybdenum	96-1	1804.06	1870.93	1816.12	1830.37	1.95	ppb
Molybdenum	97-1	1881.07	1940.79	1913.26	1911.71	1.56	ppb
Molybdenum	98-1	1856.35	1910.34	1884.62	1883.77	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.12	5.66	5.52	5.43	5.12	ppb
Phosphorus	31-2	94994.75	100781.70	100227.23	98667.89	3.24	ppb
Potassium	39-2	91555.41	96368.81	96393.45	94772.55	2.94	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	-0.09	-3.04	3.26	0.04	7227.24	ppb
Selenium	78-2	-0.67	0.87	-0.15	0.01	5300.10	ppb
Selenium	82-1	-0.93	0.43	0.00	-0.17		ppb
Silicon	28-1	36.78	33.45	32.83	34.35	6.19	ppb
Silver	109-1	0.68	0.68	0.61	0.66	6.12	ppb
Silver	107-1	0.73	0.62	0.60	0.65	10.65	ppb
Sodium	23-2	93059.25	97479.77	97607.06	96048.69	2.70	ppb
Strontium	86-1	32.80	32.07	32.69	32.52	1.20	ppb
Strontium	88-1	33.33	32.97	33.05	33.12	0.58	ppb
Sulfur	34-1	84786.26	84387.55	85266.52	84813.45	0.52	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.02	0.02	0.02	18.00	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	31.23	ppb
Tin	118-1	0.17	0.24	0.19	0.20	16.99	ppb
Titanium	47-1	1962.11	1951.53	1951.15	1954.93	0.32	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	28.45	ppb
Vanadium	51-2	0.17	0.13	0.10	0.13	24.02	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	12.51	13.41	12.84	12.92	3.52	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:38:30	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	19.99	ppb
Zirconium	91-1	0.03	0.01	0.04	0.03	63.19	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:45:12	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81370.80	82515.19	82835.78	82240.59	0.94	ppb
Antimony	121-1	19.95	20.09	20.01	20.01	0.35	ppb
Arsenic	75-2	19.82	19.41	19.97	19.74	1.47	ppb
Barium	135-1	20.56	20.69	19.51	20.25	3.19	ppb
Barium	137-1	21.11	20.76	19.55	20.47	4.00	ppb
Beryllium	9-1	21.77	21.46	20.90	21.38	2.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	60.54	56.45	62.18	59.72	4.94	ppb
Boron	11-1	60.24	63.46	61.76	61.82	2.61	ppb
Cadmium	111-1	19.43	19.27	19.59	19.43	0.84	ppb
Cadmium	106-1	22.65	22.40	22.33	22.46	0.76	ppb
Cadmium	108-1	31.56	27.81	29.17	29.51	6.43	ppb
Calcium	43-1	94419.32	93666.70	91281.26	93122.43	1.76	ppb
Calcium	44-1	93402.68	92674.26	90446.67	92174.53	1.67	ppb
Chromium	52-2	39.00	39.16	39.30	39.15	0.39	ppb
Cobalt	59-2	20.85	21.23	21.35	21.14	1.24	ppb
Copper	63-2	29.07	29.41	29.86	29.44	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				98		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	94996.45	95777.59	95900.53	95558.19	0.51	ppb
Iron	57-2	98251.67	97867.06	98378.70	98165.81	0.27	ppb
Krypton	83-1						cps
Lead	206-1	24.88	23.19	23.77	23.95	3.58	ppb
Lead	207-1	22.49	21.87	21.97	22.11	1.50	ppb
Lead	208-1	23.21	22.36	22.64	22.73	1.91	ppb
Lithium	6-1				78		%
Magnesium	24-2	95889.42	96426.40	97639.63	96651.82	0.93	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:45:12	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.91	26.62	27.52	27.02	1.72	ppb
Molybdenum	94-1	1451.77	1436.61	1424.48	1437.62	0.95	ppb
Molybdenum	95-1	1942.27	1922.97	1889.62	1918.28	1.39	ppb
Molybdenum	96-1	1883.13	1841.46	1827.68	1850.75	1.56	ppb
Molybdenum	97-1	1961.12	1923.53	1908.79	1931.15	1.40	ppb
Molybdenum	98-1	1920.67	1901.14	1905.40	1909.07	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.96	26.00	25.23	25.40	2.13	ppb
Phosphorus	31-2	96980.22	95734.81	96963.82	96559.62	0.74	ppb
Potassium	39-2	93683.91	93424.64	94281.52	93796.69	0.47	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	13.14	23.86	13.50	16.83	36.16	ppb
Selenium	78-2	19.75	19.44	21.32	20.17	4.99	ppb
Selenium	82-1	19.33	18.35	18.79	18.82	2.61	ppb
Silicon	28-1	81.73	80.77	76.74	79.75	3.32	ppb
Silver	109-1	18.42	18.45	18.81	18.56	1.16	ppb
Silver	107-1	18.88	18.50	18.71	18.70	1.01	ppb
Sodium	23-2	96601.53	95787.46	98997.58	97128.86	1.72	ppb
Strontium	86-1	83.50	80.56	80.90	81.65	1.97	ppb
Strontium	88-1	84.18	83.18	82.82	83.39	0.84	ppb
Sulfur	34-1	83942.93	81862.76	81190.62	82332.10	1.74	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	19.51	19.14	19.43	19.36	1.00	ppb
Thallium	205-1	19.98	19.20	20.02	19.73	2.35	ppb
Tin	118-1	49.56	48.08	48.54	48.73	1.55	ppb
Titanium	47-1	1966.66	1950.05	1949.08	1955.26	0.51	ppb
Uranium	238-1	49.96	48.86	50.18	49.67	1.43	ppb
Vanadium	51-2	19.44	19.85	19.14	19.47	1.83	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	33.62	33.33	33.63	33.52	0.51	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:45:12	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.75	50.88	50.38	50.67	0.51	ppb
Zirconium	91-1	50.39	49.14	48.46	49.33	1.99	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:52:02	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49643.30	47637.73	48075.83	48452.29	2.18	ppb
Antimony	121-1	502.46	499.28	506.06	502.60	0.68	ppb
Arsenic	75-2	507.24	492.11	481.70	493.69	2.60	ppb
Barium	135-1	2470.16	2517.02	2520.88	2502.69	1.13	ppb
Barium	137-1	2497.75	2506.28	2559.07	2521.03	1.32	ppb
Beryllium	9-1	517.94	517.03	516.01	516.99	0.19	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	510.03	505.37	501.32	505.58	0.86	ppb
Boron	11-1	515.52	515.66	516.81	516.00	0.14	ppb
Cadmium	111-1	485.69	490.21	489.81	488.57	0.51	ppb
Cadmium	106-1	498.37	497.39	492.68	496.15	0.61	ppb
Cadmium	108-1	495.63	489.28	494.31	493.07	0.68	ppb
Calcium	43-1	237442.07	230462.38	229563.63	232489.36	1.85	ppb
Calcium	44-1	230539.13	229994.54	230407.97	230313.88	0.12	ppb
Chromium	52-2	503.30	480.66	486.74	490.23	2.39	ppb
Cobalt	59-2	492.90	477.50	475.92	482.11	1.95	ppb
Copper	63-2	956.48	925.97	920.73	934.39	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	121991.12	117288.01	117772.35	119017.16	2.17	ppb
Iron	57-2	124565.30	119120.61	119949.12	121211.68	2.42	ppb
Krypton	83-1						cps
Lead	206-1	480.70	482.93	480.46	481.36	0.28	ppb
Lead	207-1	477.75	474.27	478.54	476.86	0.48	ppb
Lead	208-1	487.24	486.54	484.62	486.13	0.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	246494.08	234172.29	237589.49	239418.62	2.66	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:52:02	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.39	965.07	971.75	981.74	2.38	ppb
Molybdenum	94-1	2472.70	2435.66	2474.08	2460.81	0.89	ppb
Molybdenum	95-1	2488.97	2426.95	2470.06	2461.99	1.29	ppb
Molybdenum	96-1	2450.39	2428.12	2452.11	2443.54	0.55	ppb
Molybdenum	97-1	2466.89	2452.84	2504.55	2474.76	1.08	ppb
Molybdenum	98-1	2450.79	2423.92	2456.28	2443.67	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.67	475.17	478.94	483.59	2.37	ppb
Phosphorus	31-2	10812.66	9745.90	9764.10	10107.55	6.04	ppb
Potassium	39-2	120970.89	116479.61	118774.61	118741.71	1.89	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	498.10	500.26	370.83	456.40	16.24	ppb
Selenium	78-2	518.61	498.02	495.82	504.15	2.49	ppb
Selenium	82-1	493.63	488.96	488.37	490.32	0.59	ppb
Silicon	28-1	548.34	554.39	557.74	553.49	0.86	ppb
Silver	109-1	497.65	492.07	500.89	496.87	0.90	ppb
Silver	107-1	496.51	497.07	495.57	496.38	0.15	ppb
Sodium	23-2	245604.48	236210.41	238057.86	239957.58	2.07	ppb
Strontium	86-1	479.17	481.97	483.73	481.62	0.48	ppb
Strontium	88-1	492.72	486.05	494.31	491.03	0.89	ppb
Sulfur	34-1	11192.11	10626.95	11147.40	10988.82	2.86	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	480.61	485.40	477.17	481.06	0.86	ppb
Thallium	205-1	492.39	494.96	492.18	493.18	0.31	ppb
Tin	118-1	493.35	494.23	501.11	496.23	0.86	ppb
Titanium	47-1	2505.63	2469.85	2453.44	2476.31	1.08	ppb
Uranium	238-1	494.68	493.66	493.62	493.99	0.12	ppb
Vanadium	51-2	501.12	486.14	490.23	492.50	1.57	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	993.70	955.02	962.33	970.35	2.12	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:52:02	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.28	493.47	493.25	490.33	1.07	ppb
Zirconium	91-1	482.96	480.51	482.06	481.84	0.26	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:55:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	1.86	1.38	1.47	24.28	ppb
Antimony	121-1	0.29	0.26	0.34	0.29	14.34	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	388.23	ppb
Barium	135-1	0.01	0.00	0.01	0.01	98.66	ppb
Barium	137-1	0.03	0.00	0.02	0.02	67.78	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	56.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	10.56	10.70	10.37	10.54	1.59	ppb
Boron	11-1	11.15	9.97	9.73	10.28	7.40	ppb
Cadmium	111-1	0.05	0.09	0.10	0.08	28.79	ppb
Cadmium	106-1	0.67	1.13	1.41	1.07	34.90	ppb
Cadmium	108-1	-0.11	0.05	0.16	0.03	424.29	ppb
Calcium	43-1	4.42	5.51	2.62	4.18	34.84	ppb
Calcium	44-1	23.02	20.94	19.59	21.18	8.15	ppb
Chromium	52-2	-0.09	-0.06	0.01	-0.05		ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	511.11	ppb
Copper	63-2	0.47	0.43	0.38	0.43	10.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	1.58	1.02	0.77	1.12	36.69	ppb
Iron	57-2	3.91	-1.57	0.55	0.97	285.89	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.12	0.07	0.09	26.80	ppb
Lead	207-1	0.04	0.06	0.05	0.05	15.77	ppb
Lead	208-1	0.07	0.08	0.07	0.08	9.10	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.72	0.88	1.08	1.22	35.88	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:55:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.02	0.05	0.02	166.99	ppb
Molybdenum	94-1	0.17	0.19	0.16	0.17	10.22	ppb
Molybdenum	95-1	0.18	0.13	0.17	0.16	17.16	ppb
Molybdenum	96-1	0.14	0.11	0.14	0.13	12.35	ppb
Molybdenum	97-1	0.26	0.24	0.23	0.24	6.40	ppb
Molybdenum	98-1	0.20	0.17	0.15	0.17	13.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.01	0.01	95.10	ppb
Phosphorus	31-2	-30.82	-20.76	-20.77	-24.12		ppb
Potassium	39-2	103.01	124.42	116.26	114.56	9.43	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-0.06	-3.04	-3.04	-2.05		ppb
Selenium	78-2	-0.67	-0.18	-0.17	-0.34		ppb
Selenium	82-1	0.62	-0.81	-0.14	-0.11		ppb
Silicon	28-1	3.03	2.75	2.28	2.69	14.13	ppb
Silver	109-1	0.15	0.15	0.11	0.13	18.14	ppb
Silver	107-1	0.16	0.10	0.10	0.12	26.44	ppb
Sodium	23-2	189.31	187.35	181.59	186.08	2.16	ppb
Strontium	86-1	0.08	-0.07	-0.01	0.00	23421.80	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	43.81	ppb
Sulfur	34-1	-1299.31	-950.18	-1055.32	-1101.61		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.00	0.04	0.04	77.37	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	22.98	ppb
Tin	118-1	0.11	0.10	0.14	0.11	15.90	ppb
Titanium	47-1	-0.06	-0.03	-0.07	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	-0.09	0.04	0.08	0.01	933.40	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:55:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.01	0.02	38.00	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	58.26	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:58:46	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.39	17.54	18.98	17.30	10.43	ppb
Antimony	121-1	1.92	1.96	1.85	1.91	2.77	ppb
Arsenic	75-2	0.81	0.77	0.81	0.80	3.25	ppb
Barium	135-1	9.82	9.92	9.17	9.64	4.28	ppb
Barium	137-1	9.45	9.98	9.18	9.54	4.25	ppb
Beryllium	9-1	0.88	0.91	1.05	0.95	9.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	26.37	28.36	29.17	27.97	5.15	ppb
Boron	11-1	26.66	27.85	27.26	27.26	2.18	ppb
Cadmium	111-1	1.01	1.06	0.95	1.01	5.43	ppb
Cadmium	106-1	0.62	1.80	1.89	1.44	49.17	ppb
Cadmium	108-1	0.82	1.01	1.04	0.96	12.32	ppb
Calcium	43-1	422.70	430.34	434.35	429.13	1.38	ppb
Calcium	44-1	459.48	449.58	458.76	455.94	1.21	ppb
Chromium	52-2	1.86	1.84	1.81	1.84	1.40	ppb
Cobalt	59-2	0.90	0.99	1.01	0.97	6.07	ppb
Copper	63-2	2.18	2.10	1.97	2.08	5.13	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				100		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	50.34	50.35	50.72	50.47	0.42	ppb
Iron	57-2	48.43	53.27	53.63	51.78	5.60	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.87	0.91	0.89	2.64	ppb
Lead	207-1	0.98	0.85	0.91	0.91	6.94	ppb
Lead	208-1	0.93	0.89	0.91	0.91	2.27	ppb
Lithium	6-1				105		%
Magnesium	24-2	471.23	477.44	487.52	478.73	1.72	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:58:46	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.20	0.83	1.04	17.87	ppb
Molybdenum	94-1	4.61	4.93	4.97	4.84	4.16	ppb
Molybdenum	95-1	4.52	4.84	4.86	4.74	4.05	ppb
Molybdenum	96-1	4.50	4.90	4.85	4.75	4.50	ppb
Molybdenum	97-1	5.08	5.34	4.69	5.03	6.50	ppb
Molybdenum	98-1	4.72	4.69	4.75	4.72	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.11	1.13	1.11	2.29	ppb
Phosphorus	31-2	91.30	39.61	68.87	66.60	38.92	ppb
Potassium	39-2	538.44	509.94	541.40	529.93	3.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	5.92	-0.06	-0.05	1.94	178.06	ppb
Selenium	78-2	3.29	4.28	5.80	4.46	28.31	ppb
Selenium	82-1	4.49	5.10	3.63	4.41	16.67	ppb
Silicon	28-1	10.56	9.89	13.04	11.16	14.90	ppb
Silver	109-1	1.05	1.05	1.06	1.05	0.32	ppb
Silver	107-1	1.00	0.97	0.96	0.98	2.33	ppb
Sodium	23-2	601.88	592.63	555.80	583.44	4.18	ppb
Strontium	86-1	0.88	0.91	0.91	0.90	2.23	ppb
Strontium	88-1	0.93	0.88	0.96	0.92	4.53	ppb
Sulfur	34-1	-697.69	-334.15	-142.66	-391.50		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.99	0.92	0.93	5.77	ppb
Thallium	205-1	0.95	0.94	0.93	0.94	1.43	ppb
Tin	118-1	4.74	4.96	5.02	4.91	3.00	ppb
Titanium	47-1	4.46	4.37	4.95	4.60	6.75	ppb
Uranium	238-1	0.84	0.90	0.76	0.84	8.49	ppb
Vanadium	51-2	4.96	5.15	4.90	5.00	2.62	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	2.20	2.09	1.92	2.07	6.63	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:58:46	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.85	0.91	0.89	3.95	ppb
Zirconium	91-1	0.94	0.99	0.82	0.92	9.47	ppb

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : PB116420BL Instrumnet Name : P8
 Client Sample ID : PB116420BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 15:02:14 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.07	-0.24	0.02	0.62	205.32	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	29.67	ppb
Arsenic	75-2	-0.02	0.00	-0.03	-0.02		ppb
Barium	135-1	-0.03	0.01	-0.03	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	31.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	3.88	4.15	4.48	4.17	7.21	ppb
Boron	11-1	4.55	3.68	3.65	3.96	12.96	ppb
Cadmium	111-1	0.03	0.01	0.01	0.02	60.29	ppb
Cadmium	106-1	0.50	0.06	0.24	0.27	82.82	ppb
Cadmium	108-1	0.13	-0.17	0.05	0.00	3064.11	ppb
Calcium	43-1	-0.72	1.98	-1.31	-0.02		ppb
Calcium	44-1	14.14	6.63	7.04	9.27	45.53	ppb
Chromium	52-2	-0.05	-0.14	0.04	-0.05		ppb
Cobalt	59-2	0.03	0.02	0.01	0.02	35.12	ppb
Copper	63-2	0.07	0.22	0.14	0.14	52.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	0.00	-0.53	-0.08	-0.20		ppb
Iron	57-2	1.74	0.00	0.95	0.90	97.28	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.04	0.02	67.40	ppb
Lead	207-1	0.01	0.00	0.01	0.01	110.79	ppb
Lead	208-1	0.01	0.01	0.03	0.02	42.05	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.05	1.78	2.85	1.89	47.90	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BL	Instrumnet Name :	P8
Client Sample ID :	PB116420BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:02:14	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.05	0.07	0.06	23.74	ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	12.84	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	225.78	ppb
Molybdenum	96-1	0.04	0.02	0.00	0.02	106.63	ppb
Molybdenum	97-1	0.06	0.01	0.06	0.04	57.95	ppb
Molybdenum	98-1	0.02	0.01	0.03	0.02	48.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.06	-0.07	-0.04		ppb
Phosphorus	31-2	-20.79	-20.68	9.94	-10.51		ppb
Potassium	39-2	48.64	74.51	54.23	59.13	23.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-3.04	-3.04	-3.04	-3.04		ppb
Selenium	78-2	-0.18	0.33	0.33	0.16	183.29	ppb
Selenium	82-1	0.02	0.41	-0.57	-0.05		ppb
Silicon	28-1	8.51	0.29	-0.13	2.89	168.43	ppb
Silver	109-1	0.03	0.05	0.04	0.04	28.21	ppb
Silver	107-1	0.04	0.04	0.05	0.04	16.43	ppb
Sodium	23-2	91.56	91.86	77.38	86.94	9.52	ppb
Strontium	86-1	0.14	0.06	0.11	0.10	38.23	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	167.75	ppb
Sulfur	34-1	839.66	-781.29	-957.34	-299.66		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.01	0.02	32.75	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	18.03	ppb
Tin	118-1	0.01	0.00	0.01	0.01	61.63	ppb
Titanium	47-1	-0.07	-0.01	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	-0.02	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	0.08	0.12	0.03	0.07	62.58	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BL	Instrumnet Name :	P8
Client Sample ID :	PB116420BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:02:14	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.02	48.24	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	23.25	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BS	Instrumnet Name :	P8
Client Sample ID :	PB116420BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:05:41	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9027.79	9135.79	9327.11	9163.56	1.65	ppb
Antimony	121-1	492.16	496.46	508.71	499.11	1.72	ppb
Arsenic	75-2	486.21	489.38	500.22	491.94	1.49	ppb
Barium	135-1	2419.90	2492.69	2485.46	2466.02	1.63	ppb
Barium	137-1	2417.86	2497.37	2522.85	2479.36	2.21	ppb
Beryllium	9-1	487.84	496.04	495.52	493.13	0.93	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	457.45	479.73	485.87	474.35	3.15	ppb
Boron	11-1	463.65	484.72	489.81	479.39	2.89	ppb
Cadmium	111-1	483.25	486.33	498.78	489.45	1.68	ppb
Cadmium	106-1	489.45	503.31	513.43	502.06	2.40	ppb
Cadmium	108-1	486.60	501.29	503.62	497.17	1.86	ppb
Calcium	43-1	45930.60	46834.56	46643.95	46469.70	1.03	ppb
Calcium	44-1	46197.67	46837.34	46583.80	46539.60	0.69	ppb
Chromium	52-2	483.52	489.06	492.53	488.37	0.93	ppb
Cobalt	59-2	474.14	487.07	484.60	481.94	1.42	ppb
Copper	63-2	958.58	987.55	964.21	970.11	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	23969.65	24133.75	24273.48	24125.63	0.63	ppb
Iron	57-2	23847.82	24357.26	24254.38	24153.15	1.12	ppb
Krypton	83-1						cps
Lead	206-1	458.31	473.63	468.12	466.69	1.66	ppb
Lead	207-1	458.30	469.28	468.46	465.35	1.31	ppb
Lead	208-1	468.09	478.36	477.19	474.55	1.19	ppb
Lithium	6-1				109		%
Magnesium	24-2	51234.08	52839.44	52891.21	52321.58	1.80	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BS	Instrumnet Name :	P8
Client Sample ID :	PB116420BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:05:41	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	970.26	991.55	999.62	987.14	1.54	ppb
Molybdenum	94-1	2392.32	2488.20	2435.89	2438.80	1.97	ppb
Molybdenum	95-1	2444.55	2456.43	2420.32	2440.44	0.75	ppb
Molybdenum	96-1	2404.19	2429.84	2408.29	2414.11	0.57	ppb
Molybdenum	97-1	2397.45	2490.85	2430.84	2439.71	1.94	ppb
Molybdenum	98-1	2391.08	2440.48	2410.87	2414.14	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.58	490.28	492.27	487.71	1.28	ppb
Phosphorus	31-2	9926.45	9589.45	10056.71	9857.54	2.45	ppb
Potassium	39-2	23271.83	23723.29	23791.03	23595.38	1.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	501.97	457.99	414.05	458.00	9.60	ppb
Selenium	78-2	473.87	506.12	525.76	501.92	5.22	ppb
Selenium	82-1	486.05	494.35	488.50	489.63	0.87	ppb
Silicon	28-1	595.84	618.36	626.34	613.51	2.58	ppb
Silver	109-1	491.14	502.87	515.02	503.01	2.37	ppb
Silver	107-1	507.06	511.74	512.28	510.36	0.56	ppb
Sodium	23-2	48472.20	49478.53	49205.32	49052.02	1.06	ppb
Strontium	86-1	468.84	483.71	475.99	476.18	1.56	ppb
Strontium	88-1	479.61	493.65	483.43	485.56	1.50	ppb
Sulfur	34-1	10101.64	10123.37	9939.52	10054.84	1.00	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	455.95	466.66	464.58	462.40	1.23	ppb
Thallium	205-1	477.28	485.00	481.76	481.35	0.81	ppb
Tin	118-1	490.99	493.87	505.08	496.64	1.50	ppb
Titanium	47-1	2443.28	2410.67	2426.14	2426.70	0.67	ppb
Uranium	238-1	465.22	472.49	476.56	471.42	1.22	ppb
Vanadium	51-2	479.75	489.33	487.24	485.44	1.04	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	962.02	986.16	979.61	975.93	1.28	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BS	Instrumnet Name :	P8
Client Sample ID :	PB116420BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:05:41	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	480.87	484.14	483.97	482.99	0.38	ppb
Zirconium	91-1	468.97	480.60	473.75	474.44	1.23	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:09:00	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5122.45	5099.64	5052.15	5091.41	0.70	ppb
Antimony	121-1	3.53	3.32	3.34	3.40	3.43	ppb
Arsenic	75-2	711.65	710.03	708.73	710.14	0.21	ppb
Barium	135-1	107.44	105.26	103.98	105.56	1.66	ppb
Barium	137-1	108.50	106.77	104.45	106.57	1.91	ppb
Beryllium	9-1	1.25	1.11	1.33	1.23	9.25	ppb
Bismuth	209-1				72		%
Bismuth	209-2				68		%
Boron	10-1	40.96	42.52	35.58	39.69	9.18	ppb
Boron	11-1	38.09	37.39	36.15	37.21	2.63	ppb
Cadmium	111-1	1.93	1.98	1.96	1.96	1.29	ppb
Cadmium	106-1	8.19	9.34	8.38	8.64	7.11	ppb
Cadmium	108-1	2.34	2.19	2.53	2.35	7.10	ppb
Calcium	43-1	2997699.87	2859929.04	2826685.79	2894771.57	3.13	ppb
Calcium	44-1	2992454.75	2882370.21	2852489.11	2909104.69	2.53	ppb
Chromium	52-2	18.68	17.77	17.89	18.11	2.73	ppb
Cobalt	59-2	11.91	11.54	11.52	11.66	1.86	ppb
Copper	63-2	75.00	73.14	73.75	73.96	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				79		%
Indium	115-1				82		%
Indium	115-2				84		%
Iron	56-2	134476.40	132295.75	132747.77	133173.31	0.86	ppb
Iron	57-2	137508.73	134476.81	134484.87	135490.14	1.29	ppb
Krypton	83-1						cps
Lead	206-1	88.78	84.53	84.17	85.83	2.99	ppb
Lead	207-1	63.18	61.64	60.84	61.89	1.92	ppb
Lead	208-1	68.78	66.50	65.61	66.96	2.44	ppb
Lithium	6-1				69		%
Magnesium	24-2	1109107.75	1083723.33	1085663.45	1092831.51	1.29	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:09:00	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14549.71	14273.04	14145.62	14322.79	1.44	ppb
Molybdenum	94-1	9.00	9.04	9.31	9.12	1.84	ppb
Molybdenum	95-1	0.95	0.99	1.03	0.99	4.11	ppb
Molybdenum	96-1	2.11	2.06	2.05	2.07	1.67	ppb
Molybdenum	97-1	0.90	1.02	1.15	1.03	12.28	ppb
Molybdenum	98-1	1.06	0.89	0.87	0.94	10.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.06	45.58	46.44	46.03	0.93	ppb
Phosphorus	31-2	392.36	361.47	539.61	431.14	22.08	ppb
Potassium	39-2	1135.64	1092.37	1114.60	1114.20	1.94	ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	25.45	63.22	35.49	41.39	47.28	ppb
Selenium	78-2	14.32	15.06	10.93	13.43	16.37	ppb
Selenium	82-1	3.31	2.39	2.68	2.80	16.75	ppb
Silicon	28-1	618.30	572.46	576.61	589.12	4.30	ppb
Silver	109-1	1.83	2.04	1.79	1.89	7.06	ppb
Silver	107-1	1.93	1.96	1.80	1.90	4.39	ppb
Sodium	23-2	1776.94	1738.22	1718.86	1744.67	1.69	ppb
Strontium	86-1	4680.94	4565.26	4564.30	4603.50	1.46	ppb
Strontium	88-1	4737.72	4600.26	4593.02	4643.67	1.76	ppb
Sulfur	34-1	80473.43	75270.78	72317.18	76020.46	5.43	ppb
Terbium	159-1				82		%
Terbium	159-2				79		%
Thallium	203-1	2.40	2.37	2.51	2.43	3.11	ppb
Thallium	205-1	2.55	2.36	2.40	2.44	4.15	ppb
Tin	118-1	1.39	1.37	1.30	1.35	3.38	ppb
Titanium	47-1	496.94	469.77	460.34	475.68	3.99	ppb
Uranium	238-1	6.48	6.36	6.30	6.38	1.43	ppb
Vanadium	51-2	43.45	42.66	42.65	42.92	1.07	ppb
Yttrium	89-1				126		%
Yttrium	89-2				128		%
Zinc	66-2	558.48	550.06	546.53	551.69	1.11	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:09:00	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.67	5.41	5.61	5.56	2.47	ppb
Zirconium	91-1	5.91	5.64	5.64	5.73	2.79	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DLX5	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-16 15:12:24	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1009.79	1005.06	989.75	1001.53	1.05	ppb
Antimony	121-1	0.76	0.63	0.64	0.68	10.68	ppb
Arsenic	75-2	188.34	191.60	192.20	190.71	1.09	ppb
Barium	135-1	21.40	20.98	21.18	21.19	1.01	ppb
Barium	137-1	22.32	21.44	22.04	21.94	2.05	ppb
Beryllium	9-1	0.25	0.21	0.27	0.24	14.02	ppb
Bismuth	209-1				73		%
Bismuth	209-2				70		%
Boron	10-1	11.82	10.92	11.50	11.41	3.99	ppb
Boron	11-1	12.69	11.30	10.65	11.55	9.04	ppb
Cadmium	111-1	0.47	0.57	0.62	0.55	13.99	ppb
Cadmium	106-1	1.78	4.45	4.64	3.62	44.07	ppb
Cadmium	108-1	0.93	0.51	0.70	0.71	29.55	ppb
Calcium	43-1	575717.21	569016.00	558103.83	567612.34	1.57	ppb
Calcium	44-1	580558.41	568707.49	561164.18	570143.36	1.71	ppb
Chromium	52-2	4.31	4.06	4.25	4.21	3.15	ppb
Cobalt	59-2	2.40	2.50	2.48	2.46	2.14	ppb
Copper	63-2	16.05	15.94	16.11	16.03	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				80		%
Indium	115-1				86		%
Indium	115-2				87		%
Iron	56-2	27353.10	27127.49	27829.46	27436.68	1.31	ppb
Iron	57-2	27241.60	26900.16	27340.05	27160.60	0.85	ppb
Krypton	83-1						cps
Lead	206-1	16.49	17.27	16.96	16.91	2.32	ppb
Lead	207-1	11.76	11.86	11.90	11.84	0.60	ppb
Lead	208-1	13.00	13.13	12.90	13.01	0.87	ppb
Lithium	6-1				55		%
Magnesium	24-2	216240.31	216734.35	222349.56	218441.41	1.55	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DLX5	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-16 15:12:24	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2903.36	2915.54	2943.74	2920.88	0.71	ppb
Molybdenum	94-1	2.20	2.43	2.36	2.33	5.03	ppb
Molybdenum	95-1	0.27	0.26	0.23	0.25	7.30	ppb
Molybdenum	96-1	0.51	0.50	0.66	0.56	15.94	ppb
Molybdenum	97-1	0.36	0.32	0.37	0.35	8.37	ppb
Molybdenum	98-1	0.21	0.23	0.23	0.22	5.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.02	9.77	9.64	9.81	1.96	ppb
Phosphorus	31-2	128.85	117.95	87.32	111.37	19.33	ppb
Potassium	39-2	280.82	270.67	309.24	286.91	6.97	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	9.14	18.17	3.06	10.12	75.13	ppb
Selenium	78-2	2.36	0.84	1.35	1.52	51.09	ppb
Selenium	82-1	0.12	-0.91	0.30	-0.17		ppb
Silicon	28-1	103.75	96.94	94.64	98.44	4.81	ppb
Silver	109-1	0.40	0.40	0.38	0.39	3.56	ppb
Silver	107-1	0.42	0.33	0.41	0.39	13.68	ppb
Sodium	23-2	460.42	466.08	459.94	462.15	0.74	ppb
Strontium	86-1	1213.42	1199.93	1225.59	1212.98	1.06	ppb
Strontium	88-1	1210.99	1192.67	1216.94	1206.87	1.05	ppb
Sulfur	34-1	21154.53	20526.11	19171.64	20284.09	5.00	ppb
Terbium	159-1				82		%
Terbium	159-2				80		%
Thallium	203-1	0.51	0.46	0.45	0.47	6.54	ppb
Thallium	205-1	0.48	0.46	0.48	0.47	2.52	ppb
Tin	118-1	0.27	0.28	0.25	0.27	5.45	ppb
Titanium	47-1	94.72	95.02	93.33	94.36	0.95	ppb
Uranium	238-1	1.23	1.18	1.09	1.17	6.06	ppb
Vanadium	51-2	8.66	8.62	8.57	8.62	0.53	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	116.27	117.66	120.35	118.09	1.76	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DLX5	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-16 15:12:24	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.46	1.34	1.40	1.40	4.31	ppb
Zirconium	91-1	1.48	1.28	1.43	1.39	7.39	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL2X25	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-01-16 15:15:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	206.53	196.25	204.95	202.57	2.73	ppb
Antimony	121-1	0.13	0.12	0.17	0.14	19.99	ppb
Arsenic	75-2	43.94	41.71	40.15	41.94	4.54	ppb
Barium	135-1	3.93	4.66	3.96	4.19	9.89	ppb
Barium	137-1	4.70	4.60	4.71	4.67	1.34	ppb
Beryllium	9-1	0.08	0.09	0.13	0.10	27.65	ppb
Bismuth	209-1				75		%
Bismuth	209-2				69		%
Boron	10-1	6.25	7.41	4.06	5.90	28.82	ppb
Boron	11-1	4.71	5.14	5.30	5.05	6.04	ppb
Cadmium	111-1	0.23	0.35	0.22	0.26	27.48	ppb
Cadmium	106-1	2.42	3.77	2.21	2.80	30.37	ppb
Cadmium	108-1	0.24	0.10	0.03	0.12	83.54	ppb
Calcium	43-1	117366.10	112913.67	118126.48	116135.42	2.42	ppb
Calcium	44-1	115157.36	113962.56	115531.49	114883.81	0.71	ppb
Chromium	52-2	1.41	1.53	1.45	1.46	4.01	ppb
Cobalt	59-2	0.49	0.55	0.50	0.51	6.00	ppb
Copper	63-2	3.52	3.64	3.36	3.50	3.99	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				81		%
Holmium	165-2				77		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	5595.40	5577.78	5685.79	5619.65	1.03	ppb
Iron	57-2	5532.34	5470.77	5575.72	5526.27	0.95	ppb
Krypton	83-1						cps
Lead	206-1	3.21	3.26	3.49	3.32	4.49	ppb
Lead	207-1	2.41	2.35	2.44	2.40	2.04	ppb
Lead	208-1	2.59	2.58	2.55	2.57	0.81	ppb
Lithium	6-1				52		%
Magnesium	24-2	44920.29	44693.69	44910.91	44841.63	0.29	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL2X25	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-01-16 15:15:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	586.17	582.10	591.82	586.70	0.83	ppb
Molybdenum	94-1	0.46	0.52	0.54	0.51	8.26	ppb
Molybdenum	95-1	0.04	0.02	0.04	0.04	31.62	ppb
Molybdenum	96-1	0.12	0.12	0.08	0.11	22.31	ppb
Molybdenum	97-1	0.10	0.20	0.12	0.14	37.57	ppb
Molybdenum	98-1	0.07	0.11	0.06	0.08	36.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	1.96	2.17	2.02	6.71	ppb
Phosphorus	31-2	56.58	2.09	13.35	24.01	119.83	ppb
Potassium	39-2	114.73	134.27	121.02	123.34	8.09	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	-3.04	-3.04	-3.04	-3.04		ppb
Selenium	78-2	-0.11	2.12	0.99	1.00	111.48	ppb
Selenium	82-1	0.60	-0.66	-1.12	-0.39		ppb
Silicon	28-1	-3.98	-4.02	-1.39	-3.13		ppb
Silver	109-1	0.09	0.10	0.12	0.10	15.51	ppb
Silver	107-1	0.09	0.13	0.08	0.10	25.79	ppb
Sodium	23-2	200.87	200.73	203.77	201.79	0.85	ppb
Strontium	86-1	257.75	256.50	248.89	254.38	1.89	ppb
Strontium	88-1	260.74	264.31	260.51	261.85	0.81	ppb
Sulfur	34-1	6974.15	6529.58	6967.70	6823.81	3.73	ppb
Terbium	159-1				83		%
Terbium	159-2				77		%
Thallium	203-1	0.07	0.09	0.11	0.09	23.56	ppb
Thallium	205-1	0.11	0.11	0.12	0.11	6.62	ppb
Tin	118-1	0.06	0.04	0.09	0.06	39.04	ppb
Titanium	47-1	19.34	17.96	17.85	18.38	4.51	ppb
Uranium	238-1	0.24	0.23	0.24	0.24	1.79	ppb
Vanadium	51-2	1.72	1.93	1.72	1.79	6.69	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	25.03	24.39	24.25	24.56	1.69	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL2X25	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-01-16 15:15:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.35	0.34	0.32	11.26	ppb
Zirconium	91-1	0.30	0.28	0.33	0.30	8.87	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL3	Dilution Factor :	50
Date & Time Acquired ::	2019-01-16 15:21:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101.74	107.00	99.41	102.72	3.78	ppb
Antimony	121-1	0.09	0.08	0.07	0.08	14.31	ppb
Arsenic	75-2	19.93	21.23	19.97	20.38	3.63	ppb
Barium	135-1	1.73	2.33	2.24	2.10	15.45	ppb
Barium	137-1	2.19	2.02	2.09	2.10	4.05	ppb
Beryllium	9-1	0.04	0.03	0.04	0.03	19.83	ppb
Bismuth	209-1				75		%
Bismuth	209-2				73		%
Boron	10-1	4.39	3.03	3.74	3.72	18.24	ppb
Boron	11-1	2.68	2.89	2.45	2.67	8.27	ppb
Cadmium	111-1	0.20	0.19	0.16	0.18	12.08	ppb
Cadmium	106-1	2.74	2.24	1.87	2.28	19.08	ppb
Cadmium	108-1	-0.03	-0.10	0.11	-0.01		ppb
Calcium	43-1	56889.46	56611.02	56737.59	56746.03	0.25	ppb
Calcium	44-1	57467.60	57414.12	57930.24	57603.99	0.49	ppb
Chromium	52-2	0.88	1.06	1.08	1.01	10.48	ppb
Cobalt	59-2	0.26	0.25	0.25	0.25	2.12	ppb
Copper	63-2	1.81	1.92	1.86	1.86	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				79		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	2804.17	2910.83	2864.20	2859.73	1.87	ppb
Iron	57-2	2735.96	2853.95	2793.57	2794.49	2.11	ppb
Krypton	83-1						cps
Lead	206-1	1.67	1.70	1.69	1.69	0.76	ppb
Lead	207-1	1.07	1.03	1.07	1.06	1.82	ppb
Lead	208-1	1.30	1.26	1.27	1.28	1.38	ppb
Lithium	6-1				53		%
Magnesium	24-2	22351.12	23527.48	23175.55	23018.05	2.62	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL3	Dilution Factor :	50
Date & Time Acquired ::	2019-01-16 15:21:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	286.92	306.55	300.73	298.06	3.38	ppb
Molybdenum	94-1	0.21	0.38	0.22	0.27	34.41	ppb
Molybdenum	95-1	0.01	0.04	0.01	0.02	82.49	ppb
Molybdenum	96-1	0.03	0.06	0.02	0.04	47.99	ppb
Molybdenum	97-1	0.06	0.08	0.07	0.07	16.09	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	40.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.03	1.04	1.04	1.27	ppb
Phosphorus	31-2	-19.90	15.01	14.19	3.10	643.04	ppb
Potassium	39-2	73.49	91.50	87.33	84.11	11.21	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	77-2	3.67	-3.04	-3.04	-0.80		ppb
Selenium	78-2	0.44	-0.10	0.47	0.27	117.13	ppb
Selenium	82-1	-1.54	-0.19	0.62	-0.37		ppb
Silicon	28-1	-13.39	-9.39	-4.52	-9.10		ppb
Silver	109-1	0.08	0.06	0.06	0.07	18.12	ppb
Silver	107-1	0.05	0.05	0.04	0.05	15.27	ppb
Sodium	23-2	131.47	134.41	130.09	131.99	1.67	ppb
Strontium	86-1	128.53	129.73	128.52	128.93	0.54	ppb
Strontium	88-1	132.91	132.55	129.29	131.58	1.51	ppb
Sulfur	34-1	5505.30	6163.20	7685.15	6451.21	17.33	ppb
Terbium	159-1				83		%
Terbium	159-2				79		%
Thallium	203-1	0.10	0.04	0.02	0.05	73.62	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	5.37	ppb
Tin	118-1	0.03	0.05	0.03	0.04	30.04	ppb
Titanium	47-1	9.17	9.49	9.32	9.33	1.75	ppb
Uranium	238-1	0.11	0.12	0.09	0.11	15.65	ppb
Vanadium	51-2	0.87	0.82	0.82	0.84	3.52	ppb
Yttrium	89-1				91		%
Yttrium	89-2				89		%
Zinc	66-2	12.39	13.04	12.36	12.59	3.03	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL3	Dilution Factor :	50
Date & Time Acquired ::	2019-01-16 15:21:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.15	0.14	0.16	14.74	ppb
Zirconium	91-1	0.17	0.16	0.11	0.15	22.65	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:41:23	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46449.60	46751.68	48292.43	47164.57	2.10	ppb
Antimony	121-1	508.47	503.76	509.66	507.30	0.61	ppb
Arsenic	75-2	488.72	485.16	496.22	490.03	1.15	ppb
Barium	135-1	2514.34	2503.44	2530.27	2516.01	0.54	ppb
Barium	137-1	2554.02	2513.96	2531.66	2533.21	0.79	ppb
Beryllium	9-1	531.20	521.83	531.56	528.20	1.04	ppb
Bismuth	209-1				84		%
Bismuth	209-2				90		%
Boron	10-1	515.14	508.33	519.47	514.31	1.09	ppb
Boron	11-1	517.70	518.59	533.23	523.17	1.67	ppb
Cadmium	111-1	496.95	492.51	496.87	495.45	0.51	ppb
Cadmium	106-1	522.57	493.26	506.57	507.47	2.89	ppb
Cadmium	108-1	503.91	495.03	504.76	501.23	1.07	ppb
Calcium	43-1	233049.65	228995.95	234983.96	232343.19	1.32	ppb
Calcium	44-1	232280.48	226690.45	233028.33	230666.42	1.50	ppb
Chromium	52-2	463.48	470.69	483.14	472.44	2.10	ppb
Cobalt	59-2	451.96	458.58	467.65	459.39	1.71	ppb
Copper	63-2	1048.96	1051.65	1064.20	1054.94	0.77	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				92		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				98		%
Iron	56-2	112178.96	112799.39	116343.82	113774.06	1.97	ppb
Iron	57-2	113396.55	115795.47	118398.16	115863.39	2.16	ppb
Krypton	83-1						cps
Lead	206-1	489.02	477.67	490.97	485.89	1.48	ppb
Lead	207-1	485.64	476.86	486.22	482.91	1.09	ppb
Lead	208-1	494.23	487.24	494.84	492.10	0.86	ppb
Lithium	6-1				92		%
Magnesium	24-2	230213.09	231571.27	237575.82	233120.06	1.68	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:41:23	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	935.77	942.07	964.81	947.55	1.61	ppb
Molybdenum	94-1	2412.26	2387.89	2490.00	2430.05	2.19	ppb
Molybdenum	95-1	2410.74	2381.01	2443.34	2411.70	1.29	ppb
Molybdenum	96-1	2444.18	2376.05	2450.38	2423.54	1.70	ppb
Molybdenum	97-1	2424.73	2400.72	2448.99	2424.81	1.00	ppb
Molybdenum	98-1	2367.47	2365.68	2426.44	2386.53	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.13	456.68	472.35	460.05	2.39	ppb
Phosphorus	31-2	9985.21	9761.62	10210.04	9985.62	2.25	ppb
Potassium	39-2	116145.75	116863.70	117020.85	116676.77	0.40	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	472.95	451.63	392.47	439.02	9.50	ppb
Selenium	78-2	477.42	502.83	521.54	500.60	4.42	ppb
Selenium	82-1	483.01	480.10	490.84	484.65	1.15	ppb
Silicon	28-1	586.08	616.37	606.19	602.88	2.56	ppb
Silver	109-1	509.26	501.03	510.73	507.01	1.03	ppb
Silver	107-1	512.74	503.70	506.67	507.70	0.91	ppb
Sodium	23-2	230058.17	231862.23	238260.18	233393.53	1.85	ppb
Strontium	86-1	473.99	472.51	478.16	474.88	0.62	ppb
Strontium	88-1	481.83	480.71	487.81	483.45	0.79	ppb
Sulfur	34-1	12056.60	11286.39	12021.23	11788.07	3.69	ppb
Terbium	159-1				92		%
Terbium	159-2				97		%
Thallium	203-1	489.37	478.98	493.77	487.38	1.56	ppb
Thallium	205-1	502.18	496.61	514.37	504.39	1.80	ppb
Tin	118-1	503.99	496.69	504.91	501.87	0.90	ppb
Titanium	47-1	2435.70	2391.01	2452.40	2426.37	1.31	ppb
Uranium	238-1	491.07	480.99	494.46	488.84	1.43	ppb
Vanadium	51-2	463.78	475.52	486.95	475.42	2.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	911.79	911.64	939.96	921.13	1.77	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:41:23	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.20	484.11	489.58	485.96	0.64	ppb
Zirconium	91-1	476.55	471.71	479.07	475.78	0.79	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:45:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.69	1.79	-0.98	0.50	280.01	ppb
Antimony	121-1	0.27	0.32	0.29	0.29	8.79	ppb
Arsenic	75-2	0.11	0.02	0.07	0.07	64.21	ppb
Barium	135-1	-0.01	-0.01	0.00	0.00		ppb
Barium	137-1	0.01	-0.01	0.01	0.00	248.08	ppb
Beryllium	9-1	0.05	0.04	0.06	0.05	20.79	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Boron	10-1	13.21	12.29	12.14	12.54	4.62	ppb
Boron	11-1	13.12	11.53	10.96	11.87	9.46	ppb
Cadmium	111-1	0.07	0.05	0.10	0.07	28.66	ppb
Cadmium	106-1	1.09	0.72	1.31	1.04	28.54	ppb
Cadmium	108-1	-0.04	-0.11	-0.11	-0.09		ppb
Calcium	43-1	3.33	1.01	4.63	2.99	61.43	ppb
Calcium	44-1	12.38	12.85	8.79	11.34	19.61	ppb
Chromium	52-2	0.11	0.15	0.21	0.16	34.78	ppb
Cobalt	59-2	-0.02	0.00	0.01	0.00		ppb
Copper	63-2	0.34	0.35	0.35	0.35	1.57	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				92		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	0.78	1.91	0.86	1.18	53.41	ppb
Iron	57-2	1.79	1.09	2.40	1.76	37.23	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.06	0.09	30.23	ppb
Lead	207-1	0.04	0.06	0.03	0.04	37.15	ppb
Lead	208-1	0.07	0.07	0.06	0.07	14.46	ppb
Lithium	6-1				92		%
Magnesium	24-2	1.32	4.41	0.90	2.21	86.72	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:45:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.12	0.04	0.08	52.97	ppb
Molybdenum	94-1	0.18	0.21	0.18	0.19	9.15	ppb
Molybdenum	95-1	0.13	0.13	0.16	0.14	13.11	ppb
Molybdenum	96-1	0.09	0.08	0.13	0.10	30.29	ppb
Molybdenum	97-1	0.17	0.13	0.14	0.15	14.44	ppb
Molybdenum	98-1	0.13	0.14	0.13	0.13	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.19	0.14	0.20	32.55	ppb
Phosphorus	31-2	-20.73	-0.94	9.54	-4.04		ppb
Potassium	39-2	117.86	105.85	119.71	114.47	6.57	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	-3.04	-3.04	0.02	-2.02		ppb
Selenium	78-2	-0.67	-0.17	-0.67	-0.51		ppb
Selenium	82-1	0.04	-0.06	-0.41	-0.14		ppb
Silicon	28-1	8.11	6.66	2.23	5.66	54.05	ppb
Silver	109-1	0.12	0.11	0.14	0.12	12.60	ppb
Silver	107-1	0.16	0.13	0.10	0.13	23.12	ppb
Sodium	23-2	167.02	162.87	162.49	164.13	1.53	ppb
Strontium	86-1	0.07	0.04	-0.08	0.01	928.95	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	35.84	ppb
Sulfur	34-1	602.95	508.99	275.21	462.38	36.50	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.00	0.00	123.96	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.14	ppb
Tin	118-1	0.09	0.10	0.10	0.10	5.73	ppb
Titanium	47-1	-0.01	-0.03	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	-0.09	0.19	0.02	998.58	ppb

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:45:23	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.02	31.95	ppb
Zirconium	91-1	0.05	0.02	0.04	0.04	34.94	ppb

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 13:45:03 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	40	63	53	21.82	cps
Antimony	121-1	92	42	133	89	51.63	cps
Arsenic	75-2	13	4	2	6	96.48	cps
Barium	135-1	8	50	17	25	88.19	cps
Barium	137-1	8	17	25	17	50.01	cps
Beryllium	9-1	30	20	20	23	24.74	cps
Bismuth	209-1	1908933	1910875	1749630	1856479	4.98	cps
Bismuth	209-2	893265	871981	882716	882654	1.21	cps
Boron	10-1	33	108	33	58	74.24	cps
Boron	11-1	408	475	442	442	7.55	cps
Cadmium	111-1	558	541	457	519	10.43	cps
Cadmium	106-1	808	775	642	742	11.89	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	263	213	237	238	10.52	cps
Calcium	44-1	26014	26068	25904	25995	0.32	cps
Chromium	52-2	2037	1843	1927	1936	5.01	cps
Cobalt	59-2	107	93	83	94	12.39	cps
Copper	63-2	953	883	877	904	4.70	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	0	25	50	25	100.00	cps
Gadolinium	160-2	0	20	13	11	91.66	cps
Holmium	165-1	3172641	3156150	2980755	3103182	3.43	cps
Holmium	165-2	1205436	1184498	1205846	1198593	1.02	cps
Indium	115-1	2941335	2925603	2743048	2869995	3.84	cps
Indium	115-2	258450	258447	258665	258521	0.05	cps
Iron	56-2	4012	4040	3951	4001	1.14	cps
Iron	57-2	111	106	117	111	5.00	cps
Krypton	83-1	603	587	617	602	2.50	cps
Lead	206-1	83	111	167	120	35.25	cps
Lead	207-1	111	139	172	141	21.74	cps
Lead	208-1	444	533	550	509	11.14	cps
Lithium	6-1	376308	379145	359989	371814	2.78	cps
Magnesium	24-2	375	358	325	353	7.22	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:45:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	63	70	72	14.11	cps
Molybdenum	94-1	67	100	117	94	26.96	cps
Molybdenum	95-1	42	125	58	75	58.79	cps
Molybdenum	96-1	50	117	142	103	46.11	cps
Molybdenum	97-1	50	75	67	64	19.92	cps
Molybdenum	98-1	42	67	83	64	32.83	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	147	100	80	109	31.42	cps
Phosphorus	31-2	25	25	17	22	21.64	cps
Potassium	39-2	6418	6794	6894	6702	3.74	cps
Rhodium	103-1	3095925	3057399	2851761	3001695	4.37	cps
Rhodium	103-2	1266254	1264101	1267937	1266097	0.15	cps
Scandium	45-1	2487900	2437662	2321240	2415600	3.54	cps
Scandium	45-2	37156	37363	37273	37264	0.28	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-39	-16	-24	-27	-43.82	cps
Silicon	28-1	308316	306328	305117	306587	0.53	cps
Silver	109-1	142	183	158	161	13.02	cps
Silver	107-1	233	192	167	197	17.08	cps
Sodium	23-2	13766	14158	13857	13927	1.47	cps
Strontium	86-1	908	958	958	942	3.07	cps
Strontium	88-1	33	25	33	31	15.74	cps
Sulfur	34-1	420016	419884	417651	419183	0.32	cps
Terbium	159-1	3390219	3294213	3146626	3277019	3.74	cps
Terbium	159-2	1254569	1239817	1242413	1245600	0.63	cps
Thallium	203-1	25	33	67	42	52.92	cps
Thallium	205-1	83	50	33	56	45.83	cps
Tin	118-1	158	108	150	139	19.29	cps
Titanium	47-1	117	83	142	114	25.69	cps
Uranium	238-1	67	67	42	58	24.74	cps
Vanadium	51-2	23	13	43	27	57.29	cps
Yttrium	89-1	3419627	3385502	3152862	3319330	4.37	cps
Yttrium	89-2	212617	210688	208475	210593	0.98	cps
Zinc	66-2	80	53	63	66	20.55	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:45:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	225	200	133	186	25.46	cps
Zirconium	91-1	33	67	42	47	36.74	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:52:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	230	258	248	6.39	cps
Antimony	121-1	8128	8169	8245	8181	0.72	cps
Arsenic	75-2	89	115	120	108	15.56	cps
Barium	135-1	8236	8837	8003	8359	5.15	cps
Barium	137-1	13925	14809	14909	14547	3.72	cps
Beryllium	9-1	707	770	707	728	5.02	cps
Bismuth	209-1	1811509	1830416	1837835	1826587	0.74	cps
Bismuth	209-2	875582	879306	882313	879067	0.38	cps
Boron	10-1	2009	2242	2492	2248	10.76	cps
Boron	11-1	11730	12047	12306	12028	2.40	cps
Cadmium	111-1	1493	1542	1441	1492	3.38	cps
Cadmium	106-1	1017	983	883	961	7.22	cps
Cadmium	108-1	75	96	63	78	21.65	cps
Calcium	43-1	6638	6685	6822	6715	1.42	cps
Calcium	44-1	130889	131319	131147	131118	0.17	cps
Chromium	52-2	3824	3601	3724	3716	3.01	cps
Cobalt	59-2	1747	1680	1750	1726	2.29	cps
Copper	63-2	3594	4024	3897	3838	5.76	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	10	0	7	6	91.64	cps
Holmium	165-1	3062319	3069677	3028486	3053494	0.72	cps
Holmium	165-2	1193898	1189349	1187662	1190303	0.27	cps
Indium	115-1	2829008	2829933	2783844	2814262	0.94	cps
Indium	115-2	252408	256772	253270	254150	0.91	cps
Iron	56-2	39768	39640	40097	39835	0.59	cps
Iron	57-2	961	895	978	945	4.67	cps
Krypton	83-1	620	610	690	640	6.81	cps
Lead	206-1	2145	1906	2039	2030	5.90	cps
Lead	207-1	1806	1961	1934	1900	4.37	cps
Lead	208-1	8240	8279	8307	8275	0.40	cps
Lithium	6-1	376376	376479	363926	372260	1.94	cps
Magnesium	24-2	19356	18980	19523	19286	1.44	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:52:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	403	323	387	371	11.37	cps
Molybdenum	94-1	8420	8136	8244	8267	1.73	cps
Molybdenum	95-1	9754	10213	9904	9957	2.35	cps
Molybdenum	96-1	11147	11414	11130	11230	1.42	cps
Molybdenum	97-1	6377	6077	5993	6149	3.28	cps
Molybdenum	98-1	15852	15701	15910	15821	0.68	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	590	660	653	634	6.09	cps
Phosphorus	31-2	33	33	17	28	34.63	cps
Potassium	39-2	18121	18296	17812	18076	1.36	cps
Rhodium	103-1	2891931	2917933	2920762	2910208	0.55	cps
Rhodium	103-2	1240443	1258452	1260679	1253191	0.89	cps
Scandium	45-1	2423922	2421128	2403079	2416043	0.47	cps
Scandium	45-2	35886	37156	36193	36412	1.82	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	26	31	28	28	9.95	cps
Selenium	82-1	390	362	285	346	15.65	cps
Silicon	28-1	332094	335793	335274	334387	0.60	cps
Silver	109-1	4226	4568	4568	4454	4.43	cps
Silver	107-1	5101	5226	4826	5051	4.05	cps
Sodium	23-2	55501	55585	54556	55214	1.03	cps
Strontium	86-1	2292	2075	2167	2178	4.99	cps
Strontium	88-1	10705	10087	10863	10552	3.88	cps
Sulfur	34-1	417021	418412	420934	418789	0.47	cps
Terbium	159-1	3203796	3225131	3290746	3239891	1.40	cps
Terbium	159-2	1236471	1235413	1240071	1237318	0.20	cps
Thallium	203-1	2209	2717	2467	2464	10.32	cps
Thallium	205-1	6152	5902	5835	5963	2.80	cps
Tin	118-1	14592	14725	14325	14547	1.40	cps
Titanium	47-1	3351	3434	3467	3417	1.76	cps
Uranium	238-1	7970	7311	7219	7500	5.46	cps
Vanadium	51-2	3217	3420	3357	3332	3.12	cps
Yttrium	89-1	3258331	3251389	3283271	3264331	0.51	cps
Yttrium	89-2	206424	206872	206297	206531	0.15	cps
Zinc	66-2	440	413	460	438	5.35	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:52:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6669	6685	6894	6749	1.86	cps
Zirconium	91-1	1200	1408	1483	1364	10.76	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:56:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9521	9858	9641	9673	1.77	cps
Antimony	121-1	230389	231897	229136	230474	0.60	cps
Arsenic	75-2	6296	6213	6287	6265	0.73	cps
Barium	135-1	227406	224134	227291	226277	0.82	cps
Barium	137-1	393171	389135	393353	391886	0.61	cps
Beryllium	9-1	39444	39341	39718	39501	0.49	cps
Bismuth	209-1	1875214	1829116	1859857	1854729	1.27	cps
Bismuth	209-2	894507	892497	877471	888159	1.05	cps
Boron	10-1	5418	5193	5426	5346	2.48	cps
Boron	11-1	26943	27210	27586	27246	1.19	cps
Cadmium	111-1	54382	55360	55103	54949	0.92	cps
Cadmium	106-1	6385	6519	6369	6424	1.28	cps
Cadmium	108-1	4159	3530	3926	3871	8.22	cps
Calcium	43-1	73290	72422	72763	72825	0.60	cps
Calcium	44-1	1203694	1195388	1213674	1204252	0.76	cps
Chromium	52-2	52006	51812	51873	51897	0.19	cps
Cobalt	59-2	93448	94266	91901	93205	1.29	cps
Copper	63-2	161806	162975	159382	161388	1.14	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	67	8	33	90.15	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	3	13	0	6	124.93	cps
Holmium	165-1	3167714	3132122	3093337	3131058	1.19	cps
Holmium	165-2	1219603	1207773	1193380	1206919	1.09	cps
Indium	115-1	2858636	2817759	2849420	2841938	0.75	cps
Indium	115-2	259132	255205	254625	256321	0.96	cps
Iron	56-2	1872735	1871217	1833524	1859159	1.19	cps
Iron	57-2	46210	45067	44299	45192	2.13	cps
Krypton	83-1	690	633	613	646	6.16	cps
Lead	206-1	112780	112449	113778	113002	0.61	cps
Lead	207-1	102438	100893	102158	101830	0.81	cps
Lead	208-1	453424	452225	455388	453679	0.35	cps
Lithium	6-1	383115	369716	375634	376155	1.78	cps
Magnesium	24-2	218774	215666	215689	216710	0.83	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:56:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31900	31970	32221	32030	0.53	cps
Molybdenum	94-1	442590	431435	430654	434893	1.54	cps
Molybdenum	95-1	531447	530012	528913	530124	0.24	cps
Molybdenum	96-1	580928	587791	583714	584144	0.59	cps
Molybdenum	97-1	328123	333297	331382	330934	0.79	cps
Molybdenum	98-1	845272	851000	854203	850158	0.53	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	28813	27998	28997	28603	1.86	cps
Phosphorus	31-2	908	850	925	895	4.40	cps
Potassium	39-2	69146	69706	68166	69006	1.13	cps
Rhodium	103-1	2967520	2962635	2972375	2967510	0.16	cps
Rhodium	103-2	1258458	1251113	1236228	1248600	0.91	cps
Scandium	45-1	2442429	2405975	2431855	2426753	0.77	cps
Scandium	45-2	37330	37353	36778	37154	0.88	cps
Selenium	77-2	50	60	43	51	16.42	cps
Selenium	78-2	178	144	198	173	15.63	cps
Selenium	82-1	3860	3927	3834	3874	1.23	cps
Silicon	28-1	498478	499477	493069	497008	0.69	cps
Silver	109-1	250941	252717	252750	252136	0.41	cps
Silver	107-1	263480	267408	268418	266435	0.98	cps
Sodium	23-2	471823	470219	466194	469412	0.62	cps
Strontium	86-1	67015	69761	66914	67897	2.38	cps
Strontium	88-1	574174	577636	575200	575670	0.31	cps
Sulfur	34-1	442523	441550	442941	442338	0.16	cps
Terbium	159-1	3296018	3258301	3269507	3274609	0.59	cps
Terbium	159-2	1270678	1244578	1235464	1250240	1.46	cps
Thallium	203-1	138912	138185	136778	137958	0.79	cps
Thallium	205-1	328718	329552	325078	327783	0.73	cps
Tin	118-1	155732	157072	158236	157013	0.80	cps
Titanium	47-1	181369	177933	177774	179025	1.13	cps
Uranium	238-1	413634	412494	416903	414344	0.55	cps
Vanadium	51-2	35766	35268	35716	35583	0.77	cps
Yttrium	89-1	3309112	3273303	3307927	3296780	0.62	cps
Yttrium	89-2	207583	205168	206314	206355	0.59	cps
Zinc	66-2	17992	17752	18142	17962	1.10	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 13:56:14	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	355768	357670	359559	357666	0.53	cps
Zirconium	91-1	78862	79408	78677	78982	0.48	cps

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:00:04 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24700	24179	24457	24445	1.07	cps
Antimony	121-1	582661	585441	586252	584785	0.32	cps
Arsenic	75-2	16093	15876	16147	16038	0.89	cps
Barium	135-1	571474	573934	580143	575183	0.78	cps
Barium	137-1	982514	995357	999636	992502	0.90	cps
Beryllium	9-1	100380	102055	102277	101571	1.02	cps
Bismuth	209-1	1887198	1885444	1931767	1901470	1.38	cps
Bismuth	209-2	928357	908642	913215	916738	1.13	cps
Boron	10-1	12681	13607	13081	13123	3.54	cps
Boron	11-1	68472	67962	70189	68874	1.69	cps
Cadmium	111-1	138557	138464	138528	138516	0.03	cps
Cadmium	106-1	14967	16027	14867	15287	4.20	cps
Cadmium	108-1	9812	9508	10071	9797	2.88	cps
Calcium	43-1	182857	184184	181289	182777	0.79	cps
Calcium	44-1	3048712	3039009	3060293	3049338	0.35	cps
Chromium	52-2	126855	126058	126313	126409	0.32	cps
Cobalt	59-2	233471	232825	234233	233509	0.30	cps
Copper	63-2	401821	403100	405983	403635	0.53	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	3151801	3163679	3241369	3185616	1.53	cps
Holmium	165-2	1258915	1233086	1224654	1238885	1.44	cps
Indium	115-1	2850042	2802079	2916031	2856051	2.00	cps
Indium	115-2	260863	258477	254358	257899	1.28	cps
Iron	56-2	4577510	4525233	4630824	4577856	1.15	cps
Iron	57-2	113525	113016	112758	113099	0.35	cps
Krypton	83-1	623	633	640	632	1.33	cps
Lead	206-1	285001	287633	291419	288018	1.12	cps
Lead	207-1	258046	258969	261014	259343	0.59	cps
Lead	208-1	1155119	1164565	1170606	1163430	0.67	cps
Lithium	6-1	384935	382823	396412	388057	1.88	cps
Magnesium	24-2	543226	542965	541741	542644	0.15	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:00:04	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80534	80654	81443	80877	0.61	cps
Molybdenum	94-1	1103581	1102513	1110136	1105410	0.37	cps
Molybdenum	95-1	1350468	1359519	1354655	1354881	0.33	cps
Molybdenum	96-1	1491098	1494644	1496512	1494085	0.18	cps
Molybdenum	97-1	833040	834531	832656	833409	0.12	cps
Molybdenum	98-1	2160558	2168525	2174858	2167981	0.33	cps
Neodymium	150-1	47	33	20	33	40.01	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	71362	71281	71724	71456	0.33	cps
Phosphorus	31-2	2159	1984	2000	2047	4.72	cps
Potassium	39-2	162199	160463	158390	160351	1.19	cps
Rhodium	103-1	2928620	2906670	2954766	2930019	0.82	cps
Rhodium	103-2	1280943	1264494	1252934	1266124	1.11	cps
Scandium	45-1	2431940	2423005	2437376	2430773	0.30	cps
Scandium	45-2	37600	36862	36758	37074	1.24	cps
Selenium	77-2	183	117	170	157	22.52	cps
Selenium	78-2	463	446	444	451	2.26	cps
Selenium	82-1	9971	9865	9915	9917	0.54	cps
Silicon	28-1	783284	794128	791283	789565	0.71	cps
Silver	109-1	631408	638882	640593	636961	0.77	cps
Silver	107-1	669194	668087	673348	670210	0.41	cps
Sodium	23-2	1191025	1180419	1172103	1181182	0.80	cps
Strontium	86-1	169887	171666	168451	170002	0.95	cps
Strontium	88-1	1462558	1445060	1472635	1460085	0.96	cps
Sulfur	34-1	475135	475534	469095	473255	0.76	cps
Terbium	159-1	3337407	3345038	3416673	3366373	1.30	cps
Terbium	159-2	1293476	1281062	1268112	1280884	0.99	cps
Thallium	203-1	349873	357911	356813	354866	1.23	cps
Thallium	205-1	835490	848488	851239	845073	1.00	cps
Tin	118-1	398734	392770	390246	393916	1.11	cps
Titanium	47-1	449018	449797	447387	448734	0.27	cps
Uranium	238-1	1064009	1069572	1082512	1072031	0.89	cps
Vanadium	51-2	87615	87820	88712	88049	0.66	cps
Yttrium	89-1	3338036	3312343	3308015	3319465	0.49	cps
Yttrium	89-2	209630	208677	206710	208339	0.71	cps
Zinc	66-2	45444	45271	45277	45331	0.22	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:00:04	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	895588	911619	902829	903345	0.89	cps
Zirconium	91-1	203050	203239	204320	203536	0.34	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:03:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47463	48434	47714	47870	1.05	cps
Antimony	121-1	1188138	1181586	1194451	1188058	0.54	cps
Arsenic	75-2	31783	31774	31935	31830	0.28	cps
Barium	135-1	1169992	1155008	1171512	1165504	0.78	cps
Barium	137-1	2072599	1987353	2040435	2033462	2.12	cps
Beryllium	9-1	200138	200506	200932	200526	0.20	cps
Bismuth	209-1	1935010	1974456	1994687	1968051	1.54	cps
Bismuth	209-2	938314	943330	949027	943557	0.57	cps
Boron	10-1	26283	25632	26868	26261	2.35	cps
Boron	11-1	134890	137033	139332	137085	1.62	cps
Cadmium	111-1	276606	278527	275876	277003	0.49	cps
Cadmium	106-1	29592	28715	28990	29099	1.54	cps
Cadmium	108-1	19477	19706	19961	19715	1.23	cps
Calcium	43-1	360480	365662	363553	363232	0.72	cps
Calcium	44-1	5877882	5924112	5911737	5904577	0.41	cps
Chromium	52-2	246453	248706	247734	247631	0.46	cps
Cobalt	59-2	461993	462523	463688	462735	0.19	cps
Copper	63-2	794597	801821	792230	796216	0.63	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	42	25	8	25	66.68	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	3292400	3295129	3322134	3303221	0.50	cps
Holmium	165-2	1284420	1278451	1289967	1284279	0.45	cps
Indium	115-1	2964358	2963046	2968612	2965339	0.10	cps
Indium	115-2	260398	263394	262880	262224	0.61	cps
Iron	56-2	9009313	9037094	9060153	9035520	0.28	cps
Iron	57-2	225761	224385	224886	225011	0.31	cps
Krypton	83-1	627	677	623	642	4.65	cps
Lead	206-1	573670	583634	577110	578138	0.88	cps
Lead	207-1	512229	525922	523273	520475	1.40	cps
Lead	208-1	2318161	2358600	2363451	2346737	1.06	cps
Lithium	6-1	391868	401432	398574	397291	1.24	cps
Magnesium	24-2	1062614	1063012	1065077	1063568	0.12	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:03:51	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157351	159233	158996	158527	0.65	cps
Molybdenum	94-1	2256210	2261405	2243068	2253561	0.42	cps
Molybdenum	95-1	2793796	2761854	2776993	2777548	0.58	cps
Molybdenum	96-1	3022792	3053693	3040714	3039067	0.51	cps
Molybdenum	97-1	1673896	1732387	1688324	1698202	1.79	cps
Molybdenum	98-1	4344555	4340302	4354009	4346288	0.16	cps
Neodymium	150-1	53	47	60	53	12.50	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	140033	140410	140736	140393	0.25	cps
Phosphorus	31-2	3926	4201	3826	3984	4.88	cps
Potassium	39-2	306997	310877	310479	309451	0.69	cps
Rhodium	103-1	2962161	2988729	3001473	2984121	0.67	cps
Rhodium	103-2	1273111	1283303	1300042	1285485	1.06	cps
Scandium	45-1	2418367	2479240	2446591	2448066	1.24	cps
Scandium	45-2	36671	36080	36457	36403	0.82	cps
Selenium	77-2	280	237	290	269	10.54	cps
Selenium	78-2	909	907	898	905	0.66	cps
Selenium	82-1	19790	20266	20065	20040	1.19	cps
Silicon	28-1	1162853	1179216	1165392	1169154	0.75	cps
Silver	109-1	1279186	1283534	1277852	1280191	0.23	cps
Silver	107-1	1352350	1343206	1348370	1347975	0.34	cps
Sodium	23-2	2294542	2311215	2335112	2313623	0.88	cps
Strontium	86-1	337247	339620	335660	337509	0.59	cps
Strontium	88-1	2935715	2959076	2959135	2951309	0.46	cps
Sulfur	34-1	515068	509889	509132	511363	0.63	cps
Terbium	159-1	3419800	3502737	3478703	3467080	1.23	cps
Terbium	159-2	1310952	1323070	1331487	1321836	0.78	cps
Thallium	203-1	721461	725909	725412	724260	0.34	cps
Thallium	205-1	1757686	1737257	1734930	1743291	0.72	cps
Tin	118-1	800293	800823	799383	800166	0.09	cps
Titanium	47-1	887139	891883	885548	888190	0.37	cps
Uranium	238-1	2234246	2238409	2252281	2241646	0.42	cps
Vanadium	51-2	173276	173267	173003	173182	0.09	cps
Yttrium	89-1	3378016	3400968	3412277	3397087	0.51	cps
Yttrium	89-2	210838	212463	213496	212266	0.63	cps
Zinc	66-2	89701	90104	90419	90075	0.40	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:03:51	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1861044	1859948	1850661	1857218	0.31	cps
Zirconium	91-1	408085	406362	405080	406509	0.37	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:07:30	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98995	98695	97819	98503	0.62	cps
Antimony	121-1	2503932	2517544	2520304	2513927	0.35	cps
Arsenic	75-2	66498	66167	65728	66131	0.58	cps
Barium	135-1	2512763	2485210	2510982	2502985	0.62	cps
Barium	137-1	4260641	4251984	4264502	4259042	0.15	cps
Beryllium	9-1	421765	418778	424850	421798	0.72	cps
Bismuth	209-1	2005128	2038070	2031284	2024828	0.86	cps
Bismuth	209-2	963640	969371	968985	967332	0.33	cps
Boron	10-1	54781	54554	58110	55815	3.57	cps
Boron	11-1	282826	286357	293953	287712	1.98	cps
Cadmium	111-1	574308	578235	579242	577262	0.45	cps
Cadmium	106-1	59440	59424	61633	60166	2.11	cps
Cadmium	108-1	40047	41255	40707	40670	1.49	cps
Calcium	43-1	750410	742208	753199	748606	0.76	cps
Calcium	44-1	11987979	12112357	12165321	12088552	0.75	cps
Chromium	52-2	511861	511029	507954	510281	0.40	cps
Cobalt	59-2	946662	952609	953345	950872	0.39	cps
Copper	63-2	1641025	1625949	1667322	1644765	1.27	cps
Dysprosium	156-1	33	67	58	53	32.88	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	50	25	33	36	35.25	cps
Gadolinium	160-2	0	23	13	12	95.78	cps
Holmium	165-1	3378742	3395173	3435728	3403214	0.86	cps
Holmium	165-2	1311690	1319406	1309359	1313485	0.40	cps
Indium	115-1	2942549	2965032	2954767	2954116	0.38	cps
Indium	115-2	263873	263385	262240	263166	0.32	cps
Iron	56-2	18472698	18655493	18540107	18556099	0.50	cps
Iron	57-2	462746	466268	465227	464747	0.39	cps
Krypton	83-1	677	667	610	651	5.52	cps
Lead	206-1	1237339	1253512	1243454	1244768	0.66	cps
Lead	207-1	1104292	1121740	1127916	1117983	1.10	cps
Lead	208-1	5074055	5139135	5123530	5112240	0.66	cps
Lithium	6-1	404936	407125	408145	406735	0.40	cps
Magnesium	24-2	2203021	2203600	2199205	2201942	0.11	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:07:30	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327644	324639	326892	326392	0.48	cps
Molybdenum	94-1	4664895	4599571	4702810	4655759	1.12	cps
Molybdenum	95-1	5655650	5652185	5825518	5711118	1.74	cps
Molybdenum	96-1	6228504	6176754	6285885	6230381	0.88	cps
Molybdenum	97-1	3505482	3545955	3553965	3535134	0.74	cps
Molybdenum	98-1	8933763	9106323	9053998	9031361	0.98	cps
Neodymium	150-1	100	147	113	120	20.03	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	287161	289762	286875	287932	0.55	cps
Phosphorus	31-2	8561	8244	8303	8369	2.01	cps
Potassium	39-2	629826	630234	630913	630324	0.09	cps
Rhodium	103-1	2977271	2979400	3005629	2987433	0.53	cps
Rhodium	103-2	1289945	1278609	1277260	1281938	0.54	cps
Scandium	45-1	2433842	2465523	2509527	2469631	1.54	cps
Scandium	45-2	37968	37233	37537	37579	0.98	cps
Selenium	77-2	540	617	587	581	6.65	cps
Selenium	78-2	1772	1948	1833	1851	4.83	cps
Selenium	82-1	41216	41740	41864	41607	0.83	cps
Silicon	28-1	1861660	1842061	1879946	1861222	1.02	cps
Silver	109-1	2675435	2694208	2726867	2698837	0.96	cps
Silver	107-1	2812756	2868778	2835406	2838980	0.99	cps
Sodium	23-2	4675919	4685276	4671443	4677546	0.15	cps
Strontium	86-1	706355	699950	705908	704071	0.51	cps
Strontium	88-1	6010003	5996317	6076023	6027448	0.71	cps
Sulfur	34-1	616052	604563	609859	610158	0.94	cps
Terbium	159-1	3521276	3593861	3569484	3561540	1.04	cps
Terbium	159-2	1360920	1353158	1356838	1356972	0.29	cps
Thallium	203-1	1542715	1544059	1553289	1546688	0.37	cps
Thallium	205-1	3674879	3737426	3728788	3713698	0.91	cps
Tin	118-1	1686686	1660944	1680485	1676038	0.80	cps
Titanium	47-1	1876372	1864536	1874271	1871726	0.34	cps
Uranium	238-1	4788113	4752332	4789704	4776716	0.44	cps
Vanadium	51-2	360053	361269	359860	360394	0.21	cps
Yttrium	89-1	3418622	3395034	3455185	3422947	0.89	cps
Yttrium	89-2	213930	214188	214586	214235	0.15	cps
Zinc	66-2	184257	183865	184141	184088	0.11	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:07:30	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3836175	3802931	3876794	3838633	0.96	cps
Zirconium	91-1	847359	843514	855495	848789	0.72	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:11:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196384	197812	196021	196739	0.48	cps
Antimony	121-1	5133954	5053104	5025237	5070765	1.11	cps
Arsenic	75-2	132641	132710	132860	132737	0.08	cps
Barium	135-1	5105540	5026611	5008162	5046771	1.02	cps
Barium	137-1	8566025	8573056	8460462	8533181	0.74	cps
Beryllium	9-1	852828	841686	849373	847962	0.67	cps
Bismuth	209-1	2048473	2040851	2043831	2044385	0.19	cps
Bismuth	209-2	981931	981120	979200	980750	0.14	cps
Boron	10-1	112716	115069	115069	114284	1.19	cps
Boron	11-1	581213	591380	588610	587068	0.90	cps
Cadmium	111-1	1183226	1188339	1175838	1182467	0.53	cps
Cadmium	106-1	122327	121544	121997	121956	0.32	cps
Cadmium	108-1	83473	84500	84559	84178	0.73	cps
Calcium	43-1	1533536	1535362	1539943	1536280	0.21	cps
Calcium	44-1	24477627	24488900	24530172	24498900	0.11	cps
Chromium	52-2	1011977	1011070	1010666	1011238	0.07	cps
Cobalt	59-2	1922195	1878306	1920160	1906887	1.30	cps
Copper	63-2	3283529	3268189	3243244	3264987	0.62	cps
Dysprosium	156-1	50	83	67	67	25.00	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	17	33	58	36	58.07	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	3487029	3457845	3412338	3452404	1.09	cps
Holmium	165-2	1349181	1329058	1341434	1339891	0.76	cps
Indium	115-1	2976361	2959137	2959945	2965147	0.33	cps
Indium	115-2	259728	259082	259222	259344	0.13	cps
Iron	56-2	37152893	37028631	36927009	37036178	0.31	cps
Iron	57-2	926254	917643	923640	922512	0.48	cps
Krypton	83-1	707	550	610	622	12.70	cps
Lead	206-1	2594338	2542576	2557048	2564654	1.04	cps
Lead	207-1	2325168	2300061	2368209	2331146	1.48	cps
Lead	208-1	10464248	10343978	10430132	10412786	0.60	cps
Lithium	6-1	419783	414669	417289	417247	0.61	cps
Magnesium	24-2	4351813	4299210	4343578	4331534	0.65	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:11:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	651031	653055	651921	652002	0.16	cps
Molybdenum	94-1	9425373	9270979	9363974	9353442	0.83	cps
Molybdenum	95-1	11654472	11628849	11493473	11592264	0.75	cps
Molybdenum	96-1	12821619	12638523	12630230	12696791	0.85	cps
Molybdenum	97-1	7086169	7092942	7053328	7077480	0.30	cps
Molybdenum	98-1	18504918	18444098	18203310	18384109	0.87	cps
Neodymium	150-1	247	153	160	187	27.89	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	569450	566733	568669	568284	0.25	cps
Phosphorus	31-2	17053	17103	16802	16986	0.95	cps
Potassium	39-2	1249736	1252118	1244235	1248697	0.32	cps
Rhodium	103-1	3045527	3027486	2971984	3014999	1.27	cps
Rhodium	103-2	1288855	1281906	1278122	1282961	0.42	cps
Scandium	45-1	2478458	2476734	2541828	2499007	1.48	cps
Scandium	45-2	38359	38539	38643	38514	0.37	cps
Selenium	77-2	1237	1063	1053	1118	9.22	cps
Selenium	78-2	3830	3758	3734	3774	1.33	cps
Selenium	82-1	84387	84262	83482	84044	0.58	cps
Silicon	28-1	3303491	3292837	3245464	3280597	0.94	cps
Silver	109-1	5370557	5451068	5449620	5423749	0.85	cps
Silver	107-1	5709279	5708334	5698188	5705267	0.11	cps
Sodium	23-2	9278988	9198836	9282962	9253595	0.51	cps
Strontium	86-1	1454767	1446511	1450557	1450612	0.28	cps
Strontium	88-1	12101916	12345028	12289858	12245601	1.04	cps
Sulfur	34-1	837089	831258	825718	831355	0.68	cps
Terbium	159-1	3647074	3680907	3671867	3666616	0.48	cps
Terbium	159-2	1368592	1391378	1379384	1379784	0.83	cps
Thallium	203-1	3214461	3206384	3134823	3185223	1.38	cps
Thallium	205-1	7519260	7349734	7361339	7410111	1.28	cps
Tin	118-1	3428031	3390918	3357415	3392121	1.04	cps
Titanium	47-1	3678521	3695621	3776681	3716941	1.41	cps
Uranium	238-1	9716319	9689103	9695357	9700260	0.15	cps
Vanadium	51-2	728230	726509	721978	725573	0.45	cps
Yttrium	89-1	3501069	3492462	3551379	3514970	0.91	cps
Yttrium	89-2	216525	216537	215517	216193	0.27	cps
Zinc	66-2	367615	367269	364771	366552	0.42	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:11:05	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7805667	7722824	7762627	7763706	0.53	cps
Zirconium	91-1	1762665	1763746	1780367	1768926	0.56	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:14:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1115143	1131440	1144107	1130230	1.28	cps
Antimony	121-1	7386	7494	7294	7391	1.36	cps
Arsenic	75-2	207	211	220	213	3.13	cps
Barium	135-1	700	667	575	647	10.00	cps
Barium	137-1	1225	1150	1000	1125	10.18	cps
Beryllium	9-1	110	143	93	116	22.03	cps
Bismuth	209-1	1819041	1815874	1770879	1801931	1.49	cps
Bismuth	209-2	928405	928037	942644	933029	0.89	cps
Boron	10-1	2717	2350	2600	2556	7.33	cps
Boron	11-1	13991	13015	12072	13026	7.36	cps
Cadmium	111-1	654	637	515	602	12.59	cps
Cadmium	106-1	800	817	642	753	12.83	cps
Cadmium	108-1	21	38	25	28	31.23	cps
Calcium	43-1	7749058	7771727	7785361	7768715	0.24	cps
Calcium	44-1	124371565	126706098	126499218	125858960	1.03	cps
Chromium	52-2	14801	15072	14848	14907	0.97	cps
Cobalt	59-2	23787	24428	23958	24058	1.38	cps
Copper	63-2	6512	6445	6438	6465	0.63	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	17	58	8	28	96.44	cps
Erbium	164-2	3	17	13	11	62.48	cps
Gadolinium	160-1	67	67	58	64	7.53	cps
Gadolinium	160-2	13	23	33	23	42.86	cps
Holmium	165-1	3252730	3222866	3125638	3200411	2.08	cps
Holmium	165-2	1338916	1343608	1353951	1345492	0.57	cps
Indium	115-1	2857354	2868087	2923549	2882997	1.23	cps
Indium	115-2	285434	286117	291615	287722	1.18	cps
Iron	56-2	196544127	196680732	199042938	197422599	0.71	cps
Iron	57-2	4870283	4883890	4957727	4903967	0.96	cps
Krypton	83-1	630	650	667	649	2.83	cps
Lead	206-1	3973	3089	2856	3306	17.82	cps
Lead	207-1	2984	2639	2261	2628	13.75	cps
Lead	208-1	14298	12486	10735	12507	14.24	cps
Lithium	6-1	428435	446352	469191	447993	4.56	cps
Magnesium	24-2	21612317	21968445	21909964	21830242	0.87	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:14:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3804	4087	3964	3952	3.60	cps
Molybdenum	94-1	5468	4834	4818	5040	7.36	cps
Molybdenum	95-1	7102	6577	7019	6899	4.09	cps
Molybdenum	96-1	8286	8420	8461	8389	1.09	cps
Molybdenum	97-1	4151	3967	4092	4070	2.30	cps
Molybdenum	98-1	11155	10705	10404	10755	3.51	cps
Neodymium	150-1	87	93	80	87	7.70	cps
Neodymium	150-2	10	13	20	14	35.26	cps
Nickel	60-2	10037	9867	9573	9826	2.39	cps
Phosphorus	31-2	58	17	25	33	66.14	cps
Potassium	39-2	6851257	6868440	7005361	6908353	1.22	cps
Rhodium	103-1	2858050	2801242	2848042	2835778	1.07	cps
Rhodium	103-2	1248271	1260446	1270266	1259661	0.87	cps
Scandium	45-1	2445326	2493772	2520611	2486570	1.53	cps
Scandium	45-2	39970	40502	40061	40177	0.71	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	174	49	101	108	58.14	cps
Silicon	28-1	422545	429353	439942	430613	2.04	cps
Silver	109-1	1542	1550	1725	1606	6.45	cps
Silver	107-1	2084	1884	1900	1956	5.67	cps
Sodium	23-2	49105251	49367304	49755743	49409433	0.66	cps
Strontium	86-1	7094	7102	6468	6888	5.28	cps
Strontium	88-1	52628	51657	53397	52561	1.66	cps
Sulfur	34-1	429176	434497	443672	435782	1.68	cps
Terbium	159-1	3394442	3408764	3375402	3392869	0.49	cps
Terbium	159-2	1380104	1388563	1400276	1389648	0.73	cps
Thallium	203-1	408	450	258	372	27.08	cps
Thallium	205-1	1008	817	883	903	10.78	cps
Tin	118-1	3184	3217	3409	3270	3.71	cps
Titanium	47-1	942	942	825	903	7.46	cps
Uranium	238-1	425	492	442	453	7.66	cps
Vanadium	51-2	167	140	180	162	12.56	cps
Yttrium	89-1	3337057	3399920	3345782	3360920	1.01	cps
Yttrium	89-2	231739	230015	235956	232570	1.31	cps
Zinc	66-2	4444	4287	4554	4429	3.03	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:14:32	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2367	2709	2684	2586	7.37	cps
Zirconium	91-1	667	658	708	678	3.95	cps

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:27:11 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5835	5810	5873	5839	0.54	cps
Antimony	121-1	933108	928494	930632	930745	0.25	cps
Arsenic	75-2	27941	27932	27255	27709	1.42	cps
Barium	135-1	91801	93555	93539	92965	1.08	cps
Barium	137-1	159138	160826	158457	159474	0.76	cps
Beryllium	9-1	94011	93884	93592	93829	0.23	cps
Bismuth	209-1	1870336	1822212	1853401	1848649	1.32	cps
Bismuth	209-2	935629	937752	939548	937643	0.21	cps
Boron	10-1	575	558	508	547	6.34	cps
Boron	11-1	2600	2584	2934	2706	7.30	cps
Cadmium	111-1	110866	111085	109113	110354	0.98	cps
Cadmium	106-1	10588	11263	11355	11069	3.79	cps
Cadmium	108-1	7269	7198	7310	7259	0.78	cps
Calcium	43-1	30664	31094	31268	31009	1.00	cps
Calcium	44-1	531489	530657	534396	532181	0.37	cps
Chromium	52-2	106051	106118	106296	106155	0.12	cps
Cobalt	59-2	200066	197452	199547	199022	0.70	cps
Copper	63-2	174587	172988	173531	173702	0.47	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	67	67	58	24.74	cps
Erbium	164-2	27	7	17	17	59.99	cps
Gadolinium	160-1	33	25	75	44	60.28	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	3105172	3117482	3051423	3091359	1.14	cps
Holmium	165-2	1293479	1277419	1296326	1289075	0.79	cps
Indium	115-1	2909736	2938207	2936343	2928095	0.54	cps
Indium	115-2	283641	281478	282653	282591	0.38	cps
Iron	56-2	794387	798901	796351	796546	0.28	cps
Iron	57-2	19637	19308	20237	19727	2.39	cps
Krypton	83-1	613	693	637	648	6.35	cps
Lead	206-1	452174	455559	456829	454854	0.53	cps
Lead	207-1	391166	395204	391032	392467	0.60	cps
Lead	208-1	1796561	1804991	1804562	1802038	0.26	cps
Lithium	6-1	484618	483221	482061	483300	0.26	cps
Magnesium	24-2	53777	53401	54639	53939	1.18	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:27:11	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34279	34887	34593	34586	0.88	cps
Molybdenum	94-1	250	167	275	231	24.60	cps
Molybdenum	95-1	208	158	175	181	14.10	cps
Molybdenum	96-1	233	225	217	225	3.70	cps
Molybdenum	97-1	125	83	183	131	38.47	cps
Molybdenum	98-1	292	225	225	247	15.57	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60106	61355	60939	60800	1.05	cps
Phosphorus	31-2	17	0	33	17	100.00	cps
Potassium	39-2	62398	61719	62071	62063	0.55	cps
Rhodium	103-1	3077690	3048283	3050125	3058699	0.54	cps
Rhodium	103-2	1324297	1325210	1325342	1324949	0.04	cps
Scandium	45-1	2609894	2583352	2578715	2590654	0.65	cps
Scandium	45-2	39780	40194	39563	39845	0.81	cps
Selenium	77-2	247	223	190	220	12.95	cps
Selenium	78-2	822	946	837	869	7.80	cps
Selenium	82-1	16681	16629	16884	16731	0.81	cps
Silicon	28-1	354687	349564	349216	351156	0.87	cps
Silver	109-1	517900	515407	515420	516242	0.28	cps
Silver	107-1	549303	547826	542572	546567	0.65	cps
Sodium	23-2	215093	216168	218359	216540	0.77	cps
Strontium	86-1	4434	4218	3967	4206	5.55	cps
Strontium	88-1	29591	28523	28255	28790	2.46	cps
Sulfur	34-1	442462	438154	436302	438973	0.72	cps
Terbium	159-1	3351634	3292785	3295282	3313233	1.00	cps
Terbium	159-2	1341779	1342056	1331741	1338525	0.44	cps
Thallium	203-1	564234	573640	565399	567758	0.90	cps
Thallium	205-1	1349408	1359679	1356434	1355174	0.39	cps
Tin	118-1	258	275	392	308	23.56	cps
Titanium	47-1	142	183	192	172	15.56	cps
Uranium	238-1	292	208	233	244	17.49	cps
Vanadium	51-2	75208	72939	74932	74360	1.67	cps
Yttrium	89-1	3381002	3451102	3426358	3419487	1.04	cps
Yttrium	89-2	227117	226076	225299	226164	0.40	cps
Zinc	66-2	38935	38844	39206	38995	0.48	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:27:11	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	317	142	233	37.63	cps
Zirconium	91-1	192	175	208	192	8.70	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:31:34	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	278	243	235	252	9.01	cps
Antimony	121-1	9370	9062	8728	9053	3.55	cps
Arsenic	75-2	176	148	133	152	14.18	cps
Barium	135-1	9245	8887	8778	8970	2.72	cps
Barium	137-1	15326	14967	14467	14920	2.89	cps
Beryllium	9-1	790	883	900	858	6.91	cps
Bismuth	209-1	1805150	1759137	1809876	1791388	1.56	cps
Bismuth	209-2	925002	921320	923649	923323	0.20	cps
Boron	10-1	2925	2909	2934	2923	0.44	cps
Boron	11-1	15359	14858	15743	15320	2.89	cps
Cadmium	111-1	1437	1593	1598	1543	5.94	cps
Cadmium	106-1	825	1025	817	889	13.27	cps
Cadmium	108-1	88	71	117	92	25.31	cps
Calcium	43-1	7212	7395	7179	7262	1.61	cps
Calcium	44-1	143786	143988	143083	143619	0.33	cps
Chromium	52-2	3701	3701	3921	3774	3.37	cps
Cobalt	59-2	2077	1904	1934	1971	4.70	cps
Copper	63-2	4251	4204	4074	4176	2.19	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	3010501	3025465	2989128	3008365	0.61	cps
Holmium	165-2	1267337	1255056	1259741	1260712	0.49	cps
Indium	115-1	2918731	2867671	2825164	2870522	1.63	cps
Indium	115-2	275704	275590	274241	275178	0.30	cps
Iron	56-2	42075	43580	42566	42740	1.80	cps
Iron	57-2	1050	917	1067	1011	8.13	cps
Krypton	83-1	703	630	633	656	6.32	cps
Lead	206-1	2306	2195	2406	2302	4.59	cps
Lead	207-1	2022	1872	1884	1926	4.34	cps
Lead	208-1	8829	8735	8818	8794	0.59	cps
Lithium	6-1	456291	450714	440065	449023	1.84	cps
Magnesium	24-2	22736	21709	20966	21804	4.08	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:31:34	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	477	430	380	429	11.27	cps
Molybdenum	94-1	8561	8545	8270	8459	1.94	cps
Molybdenum	95-1	10638	10421	10379	10480	1.32	cps
Molybdenum	96-1	11505	11856	11280	11547	2.51	cps
Molybdenum	97-1	6844	6785	6127	6585	6.05	cps
Molybdenum	98-1	17078	16628	16536	16747	1.73	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	640	657	677	658	2.79	cps
Phosphorus	31-2	58	42	33	44	28.65	cps
Potassium	39-2	20816	20716	20324	20619	1.26	cps
Rhodium	103-1	3009373	3025027	2988853	3007751	0.60	cps
Rhodium	103-2	1315283	1303438	1305086	1307936	0.49	cps
Scandium	45-1	2517460	2490791	2503684	2503978	0.53	cps
Scandium	45-2	39990	40137	39719	39949	0.53	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	33	19	22	25	31.22	cps
Selenium	82-1	376	423	383	394	6.49	cps
Silicon	28-1	370663	368130	369140	369311	0.35	cps
Silver	109-1	5201	5301	5210	5237	1.06	cps
Silver	107-1	5435	5560	5385	5460	1.65	cps
Sodium	23-2	64480	66071	64580	65044	1.37	cps
Strontium	86-1	2217	1984	2342	2181	8.34	cps
Strontium	88-1	10871	10972	10780	10874	0.88	cps
Sulfur	34-1	428072	424781	424747	425867	0.45	cps
Terbium	159-1	3245985	3216187	3191971	3218047	0.84	cps
Terbium	159-2	1319255	1305957	1312287	1312500	0.51	cps
Thallium	203-1	2684	2567	2492	2581	3.74	cps
Thallium	205-1	5802	5585	6018	5802	3.74	cps
Tin	118-1	14634	15476	14750	14953	3.05	cps
Titanium	47-1	3709	3626	3559	3631	2.07	cps
Uranium	238-1	7302	7686	7152	7380	3.73	cps
Vanadium	51-2	3651	3514	3571	3578	1.92	cps
Yttrium	89-1	3342785	3310306	3304646	3319246	0.62	cps
Yttrium	89-2	225771	223075	224573	224473	0.60	cps
Zinc	66-2	480	463	453	466	2.89	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:31:34	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6752	7302	6719	6924	4.73	cps
Zirconium	91-1	1483	1567	1533	1528	2.75	cps

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:35:02 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	73	55	56	29.14	cps
Antimony	121-1	267	367	333	322	15.80	cps
Arsenic	75-2	4	9	7	7	41.70	cps
Barium	135-1	33	25	25	28	17.31	cps
Barium	137-1	75	50	42	56	31.22	cps
Beryllium	9-1	27	47	30	34	31.11	cps
Bismuth	209-1	1889917	1647583	1697740	1745080	7.33	cps
Bismuth	209-2	880459	878865	889667	882997	0.66	cps
Boron	10-1	392	350	333	358	8.39	cps
Boron	11-1	1867	1959	1809	1878	4.03	cps
Cadmium	111-1	583	545	570	566	3.41	cps
Cadmium	106-1	850	783	808	814	4.14	cps
Cadmium	108-1	29	17	0	15	95.78	cps
Calcium	43-1	307	333	307	316	4.88	cps
Calcium	44-1	30597	30617	30226	30480	0.72	cps
Chromium	52-2	2004	1894	1890	1929	3.34	cps
Cobalt	59-2	93	130	113	112	16.36	cps
Copper	63-2	1107	1127	1100	1111	1.25	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	8	0	25	11	114.58	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	33	33	25	31	15.75	cps
Gadolinium	160-2	13	0	7	7	99.98	cps
Holmium	165-1	3037127	2830965	2944506	2937533	3.52	cps
Holmium	165-2	1206275	1206979	1222745	1212000	0.77	cps
Indium	115-1	2854759	2710775	2714645	2760060	2.97	cps
Indium	115-2	268196	269718	266402	268105	0.62	cps
Iron	56-2	4156	4456	4334	4316	3.50	cps
Iron	57-2	133	117	106	119	11.80	cps
Krypton	83-1	677	650	620	649	4.37	cps
Lead	206-1	167	178	167	170	3.76	cps
Lead	207-1	172	139	144	152	11.76	cps
Lead	208-1	694	750	750	732	4.39	cps
Lithium	6-1	440937	396207	403333	413492	5.81	cps
Magnesium	24-2	400	442	358	400	10.42	cps

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:35:02 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	80	87	86	5.95	cps
Molybdenum	94-1	175	83	83	114	46.47	cps
Molybdenum	95-1	50	42	83	58	37.80	cps
Molybdenum	96-1	50	83	100	78	32.74	cps
Molybdenum	97-1	33	108	67	69	54.12	cps
Molybdenum	98-1	100	58	92	83	26.46	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	103	110	103	6.45	cps
Phosphorus	31-2	17	33	25	25	33.32	cps
Potassium	39-2	7869	8011	7769	7883	1.54	cps
Rhodium	103-1	2956967	2824508	2902597	2894691	2.30	cps
Rhodium	103-2	1267915	1284748	1282624	1278429	0.72	cps
Scandium	45-1	2436654	2385634	2456019	2426102	1.50	cps
Scandium	45-2	38613	39148	37978	38580	1.52	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	-99	-43	7	-45	-118.49	cps
Silicon	28-1	339297	333063	334578	335646	0.97	cps
Silver	109-1	408	442	275	375	23.52	cps
Silver	107-1	450	300	433	394	20.84	cps
Sodium	23-2	18379	18563	18154	18365	1.12	cps
Strontium	86-1	933	900	1292	1042	20.85	cps
Strontium	88-1	150	125	117	131	13.29	cps
Sulfur	34-1	428379	439062	429832	432424	1.34	cps
Terbium	159-1	3241695	3010236	3081380	3111104	3.81	cps
Terbium	159-2	1252501	1264296	1260094	1258963	0.47	cps
Thallium	203-1	58	33	50	47	26.95	cps
Thallium	205-1	92	83	67	81	15.80	cps
Tin	118-1	258	258	275	264	3.65	cps
Titanium	47-1	92	100	100	97	4.95	cps
Uranium	238-1	33	25	42	33	25.01	cps
Vanadium	51-2	17	20	33	23	37.78	cps
Yttrium	89-1	3383499	3169462	3248892	3267284	3.31	cps
Yttrium	89-2	217190	219869	219777	218945	0.69	cps
Zinc	66-2	83	70	63	72	14.11	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:35:02	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	175	142	225	181	23.23	cps
Zirconium	91-1	42	42	92	58	49.48	cps

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:38:30 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	874212	861790	855696	863899	1.09	cps
Antimony	121-1	5226	5493	5376	5365	2.49	cps
Arsenic	75-2	33	44	54	44	23.27	cps
Barium	135-1	1225	1342	1467	1345	8.99	cps
Barium	137-1	2467	2225	2175	2289	6.81	cps
Beryllium	9-1	273	257	247	259	5.20	cps
Bismuth	209-1	1771317	1724757	1729911	1741995	1.47	cps
Bismuth	209-2	864847	824864	823273	837661	2.81	cps
Boron	10-1	367	442	258	356	25.92	cps
Boron	11-1	1909	1592	1575	1692	11.10	cps
Cadmium	111-1	875	947	776	866	9.88	cps
Cadmium	106-1	783	933	717	811	13.68	cps
Cadmium	108-1	754	783	804	781	3.22	cps
Calcium	43-1	1445694	1427214	1443287	1438732	0.70	cps
Calcium	44-1	23069200	22863652	22643427	22858760	0.93	cps
Chromium	52-2	20625	20953	21023	20867	1.02	cps
Cobalt	59-2	2230	2244	2197	2224	1.08	cps
Copper	63-2	15676	15489	15672	15612	0.68	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	25	42	17	28	45.82	cps
Gadolinium	160-2	20	3	3	9	108.30	cps
Holmium	165-1	3080951	3048121	3035800	3054958	0.76	cps
Holmium	165-2	1246860	1183269	1177738	1202622	3.19	cps
Indium	115-1	2831747	2742894	2757428	2777356	1.72	cps
Indium	115-2	261177	249486	244537	251733	3.39	cps
Iron	56-2	70445484	69097782	67714196	69085821	1.98	cps
Iron	57-2	1789904	1739905	1716503	1748771	2.14	cps
Krypton	83-1	743	603	617	654	11.81	cps
Lead	206-1	10516	10360	10143	10340	1.81	cps
Lead	207-1	8147	7714	8492	8118	4.80	cps
Lead	208-1	39208	38391	39258	38952	1.25	cps
Lithium	6-1	378490	354906	348810	360735	4.35	cps
Magnesium	24-2	3882584	3885250	3886972	3884935	0.06	cps

LB Number : LB100339 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-16 14:38:30 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2560	2437	2494	2497	2.47	cps
Molybdenum	94-1	2380471	2381615	2355970	2372686	0.61	cps
Molybdenum	95-1	4138864	4127642	4140960	4135822	0.17	cps
Molybdenum	96-1	4362967	4431774	4319381	4371374	1.30	cps
Molybdenum	97-1	2544824	2571692	2545487	2554001	0.60	cps
Molybdenum	98-1	6498447	6550129	6488113	6512230	0.51	cps
Neodymium	150-1	40	20	0	20	100.00	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	3047	3170	3070	3096	2.12	cps
Phosphorus	31-2	80537	80763	79691	80330	0.70	cps
Potassium	39-2	2419234	2406624	2388427	2404761	0.64	cps
Rhodium	103-1	2850397	2775528	2847034	2824320	1.50	cps
Rhodium	103-2	1248748	1201598	1195777	1215374	2.39	cps
Scandium	45-1	2459340	2442174	2426725	2442746	0.67	cps
Scandium	45-2	38453	36347	36063	36954	3.53	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	-101	8	-27	-40	-139.35	cps
Silicon	28-1	422197	409373	404950	412173	2.17	cps
Silver	109-1	3484	3392	3101	3326	6.02	cps
Silver	107-1	3951	3267	3242	3487	11.53	cps
Sodium	23-2	8806629	8719115	8662260	8729335	0.83	cps
Strontium	86-1	46062	44139	45151	45117	2.13	cps
Strontium	88-1	389188	377001	379489	381893	1.69	cps
Sulfur	34-1	2056331	2034369	2038170	2042957	0.57	cps
Terbium	159-1	3304877	3197446	3248578	3250300	1.65	cps
Terbium	159-2	1277616	1231474	1202594	1237228	3.06	cps
Thallium	203-1	117	100	92	103	12.38	cps
Thallium	205-1	242	183	150	192	24.21	cps
Tin	118-1	675	850	717	747	12.23	cps
Titanium	47-1	1438941	1421198	1411932	1424023	0.96	cps
Uranium	238-1	217	142	175	178	21.14	cps
Vanadium	51-2	150	117	97	121	22.24	cps
Yttrium	89-1	3344146	3275477	3288745	3302789	1.10	cps
Yttrium	89-2	216822	207295	203585	209234	3.26	cps
Zinc	66-2	2374	2400	2284	2352	2.60	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:38:30	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	333	325	383	347	9.09	cps
Zirconium	91-1	100	58	108	89	30.13	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:45:12	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	787197	791856	781674	786909	0.65	cps
Antimony	121-1	89718	90666	90774	90386	0.64	cps
Arsenic	75-2	2417	2278	2382	2359	3.06	cps
Barium	135-1	18405	18580	17612	18199	2.83	cps
Barium	137-1	32006	31597	29894	31166	3.60	cps
Beryllium	9-1	12876	12572	12369	12606	2.02	cps
Bismuth	209-1	1709522	1768192	1757301	1745005	1.79	cps
Bismuth	209-2	794585	792873	792241	793233	0.15	cps
Boron	10-1	4834	4468	4968	4757	5.45	cps
Boron	11-1	24856	25916	25490	25421	2.10	cps
Cadmium	111-1	20804	20706	21151	20887	1.12	cps
Cadmium	106-1	3159	3142	3151	3151	0.26	cps
Cadmium	108-1	2354	2084	2196	2211	6.15	cps
Calcium	43-1	1337003	1322388	1307474	1322288	1.12	cps
Calcium	44-1	21428863	21198473	20990657	21205998	1.03	cps
Chromium	52-2	37367	37213	36722	37100	0.91	cps
Cobalt	59-2	35940	36311	35896	36049	0.63	cps
Copper	63-2	43715	43866	43779	43787	0.17	cps
Dysprosium	156-1	25	8	50	28	75.51	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	33	50	17	33	50.00	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	33	17	58	36	58.08	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	3012141	3060151	3077607	3049966	1.11	cps
Holmium	165-2	1128352	1121919	1119195	1123155	0.42	cps
Indium	115-1	2710034	2751523	2777293	2746284	1.24	cps
Indium	115-2	235985	232495	226242	231574	2.13	cps
Iron	56-2	64447339	64455424	63461728	64121497	0.89	cps
Iron	57-2	1656028	1636298	1617418	1636581	1.18	cps
Krypton	83-1	630	673	627	643	4.05	cps
Lead	206-1	53073	51176	52146	52132	1.82	cps
Lead	207-1	43531	43793	43715	43679	0.31	cps
Lead	208-1	201495	200780	202029	201435	0.31	cps
Lithium	6-1	289456	286683	289649	288596	0.57	cps
Magnesium	24-2	3607621	3598687	3583184	3596498	0.34	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:45:12	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7986	7836	7966	7929	1.03	cps
Molybdenum	94-1	2458502	2488228	2477082	2474604	0.61	cps
Molybdenum	95-1	4066839	4118114	4062853	4082602	0.75	cps
Molybdenum	96-1	4315598	4316188	4301007	4310931	0.20	cps
Molybdenum	97-1	2514116	2522078	2512752	2516316	0.20	cps
Molybdenum	98-1	6371378	6450197	6490486	6437354	0.94	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	12946	13373	12763	13027	2.40	cps
Phosphorus	31-2	73852	72318	72025	72732	1.35	cps
Potassium	39-2	2223383	2199441	2182538	2201787	0.93	cps
Rhodium	103-1	2725848	2756695	2788580	2757041	1.14	cps
Rhodium	103-2	1166919	1152025	1144934	1154626	0.97	cps
Scandium	45-1	2267949	2261179	2294092	2274407	0.76	cps
Scandium	45-2	34539	34262	33690	34164	1.27	cps
Selenium	77-2	17	27	17	20	28.86	cps
Selenium	78-2	70	67	74	70	5.26	cps
Selenium	82-1	1444	1401	1440	1428	1.67	cps
Silicon	28-1	513115	508968	505129	509071	0.78	cps
Silver	109-1	88793	89270	91427	89830	1.56	cps
Silver	107-1	95773	94203	95731	95236	0.94	cps
Sodium	23-2	8210921	8076449	8207472	8164947	0.94	cps
Strontium	86-1	109739	108310	109201	109083	0.66	cps
Strontium	88-1	931308	941168	940930	937802	0.60	cps
Sulfur	34-1	1881356	1838980	1853696	1858011	1.16	cps
Terbium	159-1	3237586	3249101	3264918	3250535	0.42	cps
Terbium	159-2	1177650	1161851	1164104	1167868	0.73	cps
Thallium	203-1	51648	52409	52869	52309	1.18	cps
Thallium	205-1	123977	123193	127663	124944	1.91	cps
Tin	118-1	149081	145146	147254	147160	1.34	cps
Titanium	47-1	1330037	1314872	1333346	1326085	0.74	cps
Uranium	238-1	403847	408490	416947	409762	1.62	cps
Vanadium	51-2	12723	12886	12219	12609	2.76	cps
Yttrium	89-1	3168952	3241108	3254053	3221371	1.42	cps
Yttrium	89-2	198135	190668	193761	194188	1.93	cps
Zinc	66-2	5628	5535	5491	5551	1.26	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:45:12	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	356224	365250	363097	361524	1.30	cps
Zirconium	91-1	79977	79759	78971	79569	0.67	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:52:02	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	511692	499674	491890	501085	1.99	cps
Antimony	121-1	2247556	2306440	2248215	2267404	1.49	cps
Arsenic	75-2	64142	62346	61362	62617	2.25	cps
Barium	135-1	2197744	2312750	2227552	2246015	2.66	cps
Barium	137-1	3768543	3905198	3834693	3836145	1.78	cps
Beryllium	9-1	379375	392718	382339	384811	1.82	cps
Bismuth	209-1	1770327	1805010	1758967	1778101	1.35	cps
Bismuth	209-2	860000	856014	843500	853172	1.01	cps
Boron	10-1	50097	51476	49813	50462	1.76	cps
Boron	11-1	260570	270279	264246	265032	1.85	cps
Cadmium	111-1	505382	526781	506185	512782	2.37	cps
Cadmium	106-1	53884	55540	52913	54112	2.45	cps
Cadmium	108-1	36629	37344	36282	36752	1.47	cps
Calcium	43-1	3459152	3481719	3398637	3446503	1.25	cps
Calcium	44-1	54384373	56263692	55235174	55294413	1.70	cps
Chromium	52-2	491066	477325	471469	479953	2.10	cps
Cobalt	59-2	903170	890380	865635	886395	2.15	cps
Copper	63-2	1504143	1481851	1437296	1474430	2.31	cps
Dysprosium	156-1	50	58	50	53	9.12	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	58	33	25	39	44.62	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	50	67	42	53	24.12	cps
Gadolinium	160-2	13	17	3	11	62.48	cps
Holmium	165-1	3072115	3167196	3040310	3093207	2.13	cps
Holmium	165-2	1231703	1222171	1208606	1220827	0.95	cps
Indium	115-1	2717373	2823421	2718568	2753121	2.21	cps
Indium	115-2	250696	250210	248652	249853	0.43	cps
Iron	56-2	88173135	86267732	84497541	86312803	2.13	cps
Iron	57-2	2236840	2176766	2138099	2183902	2.28	cps
Krypton	83-1	760	640	610	670	11.85	cps
Lead	206-1	1059946	1085726	1052609	1066094	1.63	cps
Lead	207-1	954897	966526	950349	957257	0.87	cps
Lead	208-1	4370982	4450271	4319562	4380272	1.50	cps
Lithium	6-1	358986	372265	363141	364797	1.86	cps
Magnesium	24-2	9879812	9551342	9452832	9627995	2.32	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:52:02	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	316212	307961	302482	308885	2.24	cps
Molybdenum	94-1	4271718	4316001	4243059	4276926	0.86	cps
Molybdenum	95-1	5316553	5317478	5237835	5290622	0.86	cps
Molybdenum	96-1	5728716	5822725	5691114	5747518	1.18	cps
Molybdenum	97-1	3226209	3290383	3251674	3256089	0.99	cps
Molybdenum	98-1	8293730	8413897	8251948	8319858	1.01	cps
Neodymium	150-1	140	93	140	124	21.65	cps
Neodymium	150-2	13	13	30	19	50.96	cps
Nickel	60-2	272411	265214	260759	266128	2.21	cps
Phosphorus	31-2	8795	8069	7886	8250	5.83	cps
Potassium	39-2	3056838	2995461	2979371	3010557	1.36	cps
Rhodium	103-1	2743632	2846252	2705719	2765201	2.63	cps
Rhodium	103-2	1190320	1190611	1174049	1184993	0.80	cps
Scandium	45-1	2333552	2419905	2371407	2374955	1.82	cps
Scandium	45-2	36798	37447	36528	36924	1.28	cps
Selenium	77-2	537	540	403	493	15.80	cps
Selenium	78-2	1859	1789	1791	1813	2.21	cps
Selenium	82-1	38247	38860	37564	38223	1.70	cps
Silicon	28-1	1850088	1936325	1907170	1897861	2.31	cps
Silver	109-1	2384028	2434470	2383147	2400548	1.22	cps
Silver	107-1	2502214	2587068	2480444	2523242	2.23	cps
Sodium	23-2	22220086	21747286	21379250	21782207	1.94	cps
Strontium	86-1	638055	658288	639440	645261	1.75	cps
Strontium	88-1	5560895	5626717	5538325	5575312	0.82	cps
Sulfur	34-1	608994	620842	618045	615960	1.01	cps
Terbium	159-1	3222719	3328218	3200712	3250549	2.10	cps
Terbium	159-2	1256121	1260985	1235195	1250767	1.10	cps
Thallium	203-1	1316627	1355801	1298799	1323742	2.20	cps
Thallium	205-1	3162506	3241318	3140887	3181570	1.66	cps
Tin	118-1	1475966	1527005	1488954	1497308	1.77	cps
Titanium	47-1	1743525	1782230	1734906	1753554	1.44	cps
Uranium	238-1	4140297	4212786	4104992	4152692	1.32	cps
Vanadium	51-2	348817	344353	338724	343965	1.47	cps
Yttrium	89-1	3232804	3315995	3209324	3252708	1.72	cps
Yttrium	89-2	205957	206343	207476	206592	0.38	cps
Zinc	66-2	175383	171528	168598	171836	1.98	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P8
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:52:02	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3465891	3622520	3504426	3530946	2.31	cps
Zirconium	91-1	781510	797561	774387	784486	1.51	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:55:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	73	68	68	5.59	cps
Antimony	121-1	1442	1283	1675	1467	13.44	cps
Arsenic	75-2	6	6	9	7	31.45	cps
Barium	135-1	33	25	33	31	15.74	cps
Barium	137-1	58	25	42	42	40.00	cps
Beryllium	9-1	43	33	53	43	23.08	cps
Bismuth	209-1	1892430	1906332	1906396	1901719	0.42	cps
Bismuth	209-2	923563	916896	920079	920179	0.36	cps
Boron	10-1	1242	1233	1192	1222	2.19	cps
Boron	11-1	6885	6085	5927	6299	8.16	cps
Cadmium	111-1	595	623	637	618	3.48	cps
Cadmium	106-1	842	883	917	881	4.27	cps
Cadmium	108-1	4	17	25	15	68.61	cps
Calcium	43-1	310	327	283	307	7.13	cps
Calcium	44-1	32204	31693	31465	31787	1.19	cps
Chromium	52-2	1857	1890	1964	1903	2.87	cps
Cobalt	59-2	93	120	83	99	19.16	cps
Copper	63-2	1667	1603	1530	1600	4.27	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	8	25	57.75	cps
Erbium	164-2	20	0	13	11	91.66	cps
Gadolinium	160-1	33	0	17	17	99.99	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	3192474	3162687	3171253	3175471	0.48	cps
Holmium	165-2	1256004	1235140	1251979	1247708	0.89	cps
Indium	115-1	2952345	2916668	2914334	2927782	0.73	cps
Indium	115-2	266058	263941	264570	264857	0.41	cps
Iron	56-2	5185	4784	4606	4858	6.09	cps
Iron	57-2	183	83	122	130	38.89	cps
Krypton	83-1	653	740	637	677	8.20	cps
Lead	206-1	311	406	300	339	17.12	cps
Lead	207-1	233	267	244	248	6.84	cps
Lead	208-1	1233	1345	1217	1265	5.49	cps
Lithium	6-1	408304	400349	398639	402430	1.28	cps
Magnesium	24-2	425	392	400	406	4.28	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:55:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	67	90	80	15.02	cps
Molybdenum	94-1	392	442	375	403	8.61	cps
Molybdenum	95-1	475	367	458	433	13.46	cps
Molybdenum	96-1	450	383	442	425	8.55	cps
Molybdenum	97-1	417	392	375	394	5.32	cps
Molybdenum	98-1	767	675	600	681	12.27	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	127	113	118	6.53	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	9387	9962	9754	9701	3.00	cps
Rhodium	103-1	3028504	3007871	2979678	3005351	0.82	cps
Rhodium	103-2	1296226	1299273	1291598	1295699	0.30	cps
Scandium	45-1	2459153	2459543	2468003	2462233	0.20	cps
Scandium	45-2	37484	37580	37587	37550	0.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	23	-93	-38	-36	-161.91	cps
Silicon	28-1	321399	320593	320301	320765	0.18	cps
Silver	109-1	900	925	700	842	14.65	cps
Silver	107-1	1050	750	742	847	20.73	cps
Sodium	23-2	31444	31344	30818	31202	1.08	cps
Strontium	86-1	1067	867	933	956	10.66	cps
Strontium	88-1	133	92	75	100	30.05	cps
Sulfur	34-1	401701	408476	407853	406010	0.92	cps
Terbium	159-1	3393385	3356586	3364238	3371403	0.58	cps
Terbium	159-2	1303056	1290485	1284676	1292739	0.73	cps
Thallium	203-1	217	58	175	150	54.71	cps
Thallium	205-1	383	308	267	319	18.51	cps
Tin	118-1	483	458	567	503	11.28	cps
Titanium	47-1	75	92	67	78	16.37	cps
Uranium	238-1	33	100	25	53	77.89	cps
Vanadium	51-2	13	20	20	18	21.66	cps
Yttrium	89-1	3351069	3393154	3341209	3361811	0.82	cps
Yttrium	89-2	214893	214831	212886	214204	0.53	cps
Zinc	66-2	50	73	80	68	23.24	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P8
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:55:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	308	400	292	333	17.50	cps
Zirconium	91-1	58	92	92	81	23.89	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:58:46	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	238	255	235	9.09	cps
Antimony	121-1	8928	8887	8637	8817	1.79	cps
Arsenic	75-2	113	107	113	111	2.88	cps
Barium	135-1	9012	8903	8436	8784	3.48	cps
Barium	137-1	14684	15151	14300	14712	2.90	cps
Beryllium	9-1	733	733	873	780	10.36	cps
Bismuth	209-1	1871386	1865963	1909300	1882216	1.25	cps
Bismuth	209-2	913270	913177	914697	913714	0.09	cps
Boron	10-1	2900	3025	3209	3045	5.09	cps
Boron	11-1	15234	15434	15601	15423	1.19	cps
Cadmium	111-1	1603	1624	1548	1592	2.44	cps
Cadmium	106-1	817	925	958	900	8.23	cps
Cadmium	108-1	75	88	92	85	10.24	cps
Calcium	43-1	6805	6835	6765	6802	0.52	cps
Calcium	44-1	142201	137927	137531	139220	1.86	cps
Chromium	52-2	3757	3774	3784	3772	0.36	cps
Cobalt	59-2	1760	1957	2000	1906	6.71	cps
Copper	63-2	4367	4281	4114	4254	3.03	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	8	8	19	99.00	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	42	33	8	28	62.46	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	3137808	3117967	3095009	3116928	0.69	cps
Holmium	165-2	1234014	1250077	1240863	1241652	0.65	cps
Indium	115-1	2899835	2861067	2888834	2883246	0.69	cps
Indium	115-2	266504	264262	266294	265687	0.47	cps
Iron	56-2	40727	41200	41852	41260	1.37	cps
Iron	57-2	989	1089	1106	1061	5.95	cps
Krypton	83-1	693	630	730	684	7.39	cps
Lead	206-1	2222	2134	2289	2215	3.52	cps
Lead	207-1	2206	1934	2100	2080	6.60	cps
Lead	208-1	9329	8913	9341	9194	2.65	cps
Lithium	6-1	393946	382608	394827	390460	1.75	cps
Magnesium	24-2	19422	19898	20499	19940	2.71	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:58:46	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	413	457	343	404	14.14	cps
Molybdenum	94-1	8370	8862	8903	8712	3.41	cps
Molybdenum	95-1	10104	10705	10713	10507	3.32	cps
Molybdenum	96-1	11055	11881	11722	11553	3.79	cps
Molybdenum	97-1	6969	7244	6352	6855	6.66	cps
Molybdenum	98-1	16669	16385	16536	16530	0.86	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	707	730	750	729	2.98	cps
Phosphorus	31-2	100	58	83	81	26.03	cps
Potassium	39-2	20390	19890	20891	20390	2.46	cps
Rhodium	103-1	2985386	2976294	2990252	2983977	0.24	cps
Rhodium	103-2	1281171	1276322	1283651	1280381	0.29	cps
Scandium	45-1	2486136	2454346	2407555	2449346	1.61	cps
Scandium	45-2	37156	37580	37928	37555	1.03	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	15	19	24	19	24.36	cps
Selenium	82-1	335	380	263	326	18.16	cps
Silicon	28-1	347643	341192	343920	344252	0.94	cps
Silver	109-1	5343	5235	5393	5324	1.52	cps
Silver	107-1	5385	5126	5168	5226	2.66	cps
Sodium	23-2	68834	68766	65970	67857	2.41	cps
Strontium	86-1	2167	2192	2184	2181	0.58	cps
Strontium	88-1	10980	10229	11155	10788	4.56	cps
Sulfur	34-1	417798	419429	415036	417421	0.53	cps
Terbium	159-1	3313511	3240403	3324184	3292699	1.38	cps
Terbium	159-2	1283480	1279068	1286954	1283168	0.31	cps
Thallium	203-1	2609	2909	2775	2764	5.44	cps
Thallium	205-1	6519	6444	6469	6477	0.59	cps
Tin	118-1	14725	15042	15643	15137	3.08	cps
Titanium	47-1	3426	3317	3667	3470	5.17	cps
Uranium	238-1	7486	8036	6944	7489	7.29	cps
Vanadium	51-2	3514	3687	3541	3581	2.61	cps
Yttrium	89-1	3361595	3324964	3315838	3334133	0.73	cps
Yttrium	89-2	214716	214943	213864	214508	0.27	cps
Zinc	66-2	457	443	417	439	4.64	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 14:58:46	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6885	6418	6885	6730	4.01	cps
Zirconium	91-1	1634	1692	1408	1578	9.48	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BL	Instrumnet Name :	P8
Client Sample ID :	PB116420BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:02:14	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	50	53	59	23.28	cps
Antimony	121-1	217	200	283	233	18.90	cps
Arsenic	75-2	4	6	2	4	50.09	cps
Barium	135-1	0	33	0	11	173.21	cps
Barium	137-1	0	8	8	6	86.60	cps
Beryllium	9-1	30	33	37	33	10.01	cps
Bismuth	209-1	1759685	1922107	1863875	1848556	4.45	cps
Bismuth	209-2	910051	912984	903336	908790	0.54	cps
Boron	10-1	450	517	533	500	8.82	cps
Boron	11-1	2809	2550	2442	2600	7.25	cps
Cadmium	111-1	519	545	535	533	2.49	cps
Cadmium	106-1	750	767	775	764	1.67	cps
Cadmium	108-1	21	0	17	13	88.19	cps
Calcium	43-1	217	273	223	238	13.03	cps
Calcium	44-1	28125	28222	28409	28252	0.51	cps
Chromium	52-2	1910	1797	1967	1891	4.58	cps
Cobalt	59-2	150	133	120	134	11.18	cps
Copper	63-2	1023	1247	1127	1132	9.87	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	42	42	28	86.60	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	2917879	3155469	3148338	3073895	4.40	cps
Holmium	165-2	1233921	1245022	1224248	1234397	0.84	cps
Indium	115-1	2715151	2904490	2885383	2835008	3.68	cps
Indium	115-2	263995	266372	261065	263811	1.01	cps
Iron	56-2	4051	3612	3928	3864	5.86	cps
Iron	57-2	144	111	128	128	13.04	cps
Krypton	83-1	663	597	687	649	7.20	cps
Lead	206-1	128	200	206	178	24.41	cps
Lead	207-1	150	144	172	156	9.45	cps
Lead	208-1	589	667	750	669	12.05	cps
Lithium	6-1	370136	400865	386575	385859	3.99	cps
Magnesium	24-2	400	425	467	431	7.82	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BL	Instrumnet Name :	P8
Client Sample ID :	PB116420BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:02:14	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	87	93	92	5.52	cps
Molybdenum	94-1	125	125	125	125	0.00	cps
Molybdenum	95-1	67	75	100	81	21.54	cps
Molybdenum	96-1	183	150	100	144	29.04	cps
Molybdenum	97-1	133	83	142	119	26.41	cps
Molybdenum	98-1	125	100	167	131	25.80	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	73	70	88	31.85	cps
Phosphorus	31-2	8	8	33	17	86.64	cps
Potassium	39-2	8036	8603	8053	8231	3.92	cps
Rhodium	103-1	2795050	3027537	3023104	2948564	4.51	cps
Rhodium	103-2	1287466	1285885	1276234	1283195	0.47	cps
Scandium	45-1	2305676	2467035	2474322	2415678	3.95	cps
Scandium	45-2	37697	37260	37109	37355	0.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-24	6	-72	-30	-130.80	cps
Silicon	28-1	316674	314217	313888	314926	0.48	cps
Silver	109-1	292	425	342	353	19.09	cps
Silver	107-1	392	392	458	414	9.30	cps
Sodium	23-2	22569	22335	20925	21943	4.05	cps
Strontium	86-1	1067	1025	1092	1061	3.17	cps
Strontium	88-1	100	50	17	56	75.50	cps
Sulfur	34-1	415174	412976	410792	412981	0.53	cps
Terbium	159-1	3095895	3366287	3312390	3258191	4.39	cps
Terbium	159-2	1285164	1269442	1276524	1277043	0.62	cps
Thallium	203-1	100	92	75	89	14.32	cps
Thallium	205-1	233	200	250	228	11.18	cps
Tin	118-1	158	150	175	161	7.90	cps
Titanium	47-1	58	108	83	83	30.00	cps
Uranium	238-1	17	33	50	33	50.00	cps
Vanadium	51-2	20	33	10	21	55.45	cps
Yttrium	89-1	3137119	3321390	3312862	3257124	3.19	cps
Yttrium	89-2	214105	212855	213052	213337	0.31	cps
Zinc	66-2	80	87	70	79	10.64	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BL	Instrumnet Name :	P8
Client Sample ID :	PB116420BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:02:14	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	283	367	250	300	20.03	cps
Zirconium	91-1	67	83	83	78	12.37	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BS	Instrumnet Name :	P8
Client Sample ID :	PB116420BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:05:41	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99073	97528	100740	99113	1.62	cps
Antimony	121-1	2376092	2370961	2411070	2386041	0.91	cps
Arsenic	75-2	64801	65177	66559	65512	1.41	cps
Barium	135-1	2323771	2367845	2343084	2344900	0.94	cps
Barium	137-1	3937318	4022902	4033155	3997792	1.32	cps
Beryllium	9-1	407926	409149	411318	409464	0.42	cps
Bismuth	209-1	1948984	1934793	1952798	1945525	0.49	cps
Bismuth	209-2	930948	936733	944577	937420	0.73	cps
Boron	10-1	51301	53066	54086	52818	2.67	cps
Boron	11-1	267581	275919	280584	274694	2.40	cps
Cadmium	111-1	542723	540289	549904	544306	0.92	cps
Cadmium	106-1	57130	58093	58796	58006	1.44	cps
Cadmium	108-1	38814	39554	39437	39268	1.01	cps
Calcium	43-1	722845	735019	728942	728935	0.84	cps
Calcium	44-1	11791266	11920961	11806568	11839598	0.60	cps
Chromium	52-2	502134	494037	503376	499849	1.01	cps
Cobalt	59-2	924596	923938	930058	926197	0.36	cps
Copper	63-2	1604236	1607693	1588179	1600036	0.65	cps
Dysprosium	156-1	42	0	33	25	88.19	cps
Dysprosium	156-2	10	0	10	7	86.60	cps
Erbium	164-1	33	25	0	19	89.22	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	10	0	17	9	94.38	cps
Holmium	165-1	3279227	3266388	3283823	3276479	0.28	cps
Holmium	165-2	1287928	1288591	1291276	1289265	0.14	cps
Indium	115-1	2978913	2882133	2900480	2920509	1.76	cps
Indium	115-2	263151	265058	264824	264344	0.39	cps
Iron	56-2	18440705	18061343	18379512	18293853	1.11	cps
Iron	57-2	455832	452889	456280	455001	0.40	cps
Krypton	83-1	597	640	730	656	10.38	cps
Lead	206-1	1112567	1141378	1138601	1130849	1.41	cps
Lead	207-1	1008479	1025118	1032850	1022149	1.22	cps
Lead	208-1	4622989	4690069	4722061	4678373	1.08	cps
Lithium	6-1	409813	404248	406819	406960	0.68	cps
Magnesium	24-2	2185685	2192778	2220738	2199734	0.84	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BS	Instrumnet Name :	P8
Client Sample ID :	PB116420BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:05:41	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323794	321887	328321	324668	1.02	cps
Molybdenum	94-1	4381238	4497242	4478284	4452255	1.40	cps
Molybdenum	95-1	5535491	5489640	5501826	5508986	0.43	cps
Molybdenum	96-1	5958512	5943332	5991771	5964538	0.42	cps
Molybdenum	97-1	3323839	3408165	3383159	3371721	1.28	cps
Molybdenum	98-1	8577962	8640710	8682413	8633695	0.61	cps
Neodymium	150-1	87	73	140	100	35.28	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	280512	278380	282798	280564	0.79	cps
Phosphorus	31-2	8595	8078	8570	8414	3.46	cps
Potassium	39-2	631509	626097	635249	630952	0.73	cps
Rhodium	103-1	3020975	2991033	3010432	3007480	0.50	cps
Rhodium	103-2	1276418	1276858	1269503	1274260	0.32	cps
Scandium	45-1	2520161	2513162	2502563	2511962	0.35	cps
Scandium	45-2	39161	38095	38543	38600	1.39	cps
Selenium	77-2	570	520	470	520	9.62	cps
Selenium	78-2	1791	1911	1983	1895	5.13	cps
Selenium	82-1	39922	40073	40279	40091	0.45	cps
Silicon	28-1	2143385	2206142	2221078	2190202	1.88	cps
Silver	109-1	2539444	2572021	2614198	2575221	1.46	cps
Silver	107-1	2758015	2753463	2735462	2748980	0.43	cps
Sodium	23-2	4678667	4645459	4674214	4666113	0.39	cps
Strontium	86-1	661836	673875	674511	670074	1.07	cps
Strontium	88-1	5738204	5828968	5806309	5791160	0.82	cps
Sulfur	34-1	636217	634877	628603	633232	0.64	cps
Terbium	159-1	3478297	3440761	3414688	3444582	0.93	cps
Terbium	159-2	1338273	1335893	1326203	1333457	0.48	cps
Thallium	203-1	1375109	1397166	1403892	1392056	1.08	cps
Thallium	205-1	3374825	3404456	3413151	3397477	0.59	cps
Tin	118-1	1585400	1577501	1601072	1587991	0.76	cps
Titanium	47-1	1836103	1806563	1810492	1817719	0.88	cps
Uranium	238-1	4286745	4321984	4399755	4336161	1.33	cps
Vanadium	51-2	355384	352609	355232	354408	0.44	cps
Yttrium	89-1	3427092	3382275	3440350	3416573	0.89	cps
Yttrium	89-2	217071	216918	216719	216903	0.08	cps
Zinc	66-2	180697	180184	181094	180658	0.25	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	PB116420BS	Instrumnet Name :	P8
Client Sample ID :	PB116420BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:05:41	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3648338	3625123	3686019	3653160	0.84	cps
Zirconium	91-1	804490	813650	815833	811324	0.74	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:09:00	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50043	50986	49759	50263	1.28	cps
Antimony	121-1	13232	12506	12590	12776	3.11	cps
Arsenic	75-2	117980	118090	115820	117297	1.09	cps
Barium	135-1	79590	78332	77494	78472	1.34	cps
Barium	137-1	136280	134723	131987	134330	1.62	cps
Beryllium	9-1	700	600	690	663	8.30	cps
Bismuth	209-1	1331922	1339132	1320377	1330477	0.71	cps
Bismuth	209-2	607189	606538	590308	601345	1.59	cps
Boron	10-1	3042	3042	2450	2845	12.01	cps
Boron	11-1	14666	13882	12898	13815	6.41	cps
Cadmium	111-1	2092	2145	2134	2124	1.31	cps
Cadmium	106-1	1333	1442	1358	1378	4.12	cps
Cadmium	108-1	154	146	167	156	6.74	cps
Calcium	43-1	40114135	39710798	40002780	39942571	0.52	cps
Calcium	44-1	648179990	647831910	653425377	649812426	0.48	cps
Chromium	52-2	19000	18586	18422	18669	1.59	cps
Cobalt	59-2	20746	20585	20238	20523	1.26	cps
Copper	63-2	112464	112262	111510	112079	0.45	cps
Dysprosium	156-1	25084	25367	24382	24944	2.03	cps
Dysprosium	156-2	10371	10771	9997	10380	3.73	cps
Erbium	164-1	28691	28591	27563	28282	2.21	cps
Erbium	164-2	10247	10197	9827	10091	2.28	cps
Gadolinium	160-1	26720	26662	27112	26831	0.91	cps
Gadolinium	160-2	12406	12546	12550	12501	0.66	cps
Holmium	165-1	2499309	2550124	2547480	2532304	1.13	cps
Holmium	165-2	955789	954646	948203	952879	0.43	cps
Indium	115-1	2309449	2358559	2357598	2341869	1.20	cps
Indium	115-2	219781	214295	214532	216203	1.43	cps
Iron	56-2	92041666	92668533	91599655	92103284	0.58	cps
Iron	57-2	2338290	2340257	2305525	2328024	0.84	cps
Krypton	83-1	750	753	720	741	2.48	cps
Lead	206-1	147350	141063	138490	142301	3.20	cps
Lead	207-1	95104	93285	90791	93060	2.33	cps
Lead	208-1	464528	451584	439325	451812	2.79	cps
Lithium	6-1	267996	258288	247995	258093	3.88	cps
Magnesium	24-2	42095544	42094813	41541834	41910730	0.76	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:09:00	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4319601	4336644	4233890	4296712	1.28	cps
Molybdenum	94-1	20032	20475	20917	20475	2.16	cps
Molybdenum	95-1	2684	2859	2934	2825	4.54	cps
Molybdenum	96-1	6452	6402	6318	6391	1.05	cps
Molybdenum	97-1	1592	1825	2034	1817	12.16	cps
Molybdenum	98-1	4659	4017	3876	4184	9.98	cps
Neodymium	150-1	38236	36177	36979	37131	2.80	cps
Neodymium	150-2	9931	9804	9580	9772	1.82	cps
Nickel	60-2	24018	24325	24408	24250	0.85	cps
Phosphorus	31-2	325	308	442	358	20.27	cps
Potassium	39-2	33383	33107	33149	33213	0.45	cps
Rhodium	103-1	2321203	2383818	2412783	2372601	1.97	cps
Rhodium	103-2	1018155	1012874	1001417	1010815	0.85	cps
Scandium	45-1	2143588	2224259	2266964	2211603	2.83	cps
Scandium	45-2	34847	35662	35131	35213	1.18	cps
Selenium	77-2	40	93	53	62	44.61	cps
Selenium	78-2	70	74	54	66	16.43	cps
Selenium	82-1	296	208	236	247	18.12	cps
Silicon	28-1	1881554	1828566	1875108	1861743	1.55	cps
Silver	109-1	7436	8303	7319	7686	6.99	cps
Silver	107-1	8245	8436	7778	8153	4.16	cps
Sodium	23-2	165164	165637	161498	164100	1.38	cps
Strontium	86-1	7972618	7911579	7849663	7911287	0.78	cps
Strontium	88-1	68481683	67657481	67036439	67725201	1.07	cps
Sulfur	34-1	1720070	1694363	1674566	1696333	1.35	cps
Terbium	159-1	2682532	2694977	2698776	2692095	0.32	cps
Terbium	159-2	995937	982261	976808	985002	1.00	cps
Thallium	203-1	4968	4951	5168	5029	2.40	cps
Thallium	205-1	12373	11523	11514	11803	4.18	cps
Tin	118-1	3567	3551	3376	3498	3.04	cps
Titanium	47-1	317724	311661	311274	313553	1.15	cps
Uranium	238-1	40835	40292	39364	40163	1.85	cps
Vanadium	51-2	28663	28803	28362	28609	0.79	cps
Yttrium	89-1	4140402	4212802	4180714	4177973	0.87	cps
Yttrium	89-2	270024	270892	266170	269029	0.93	cps
Zinc	66-2	93368	94113	92117	93199	1.08	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:09:00	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	52209	50679	52159	51682	1.68	cps
Zirconium	91-1	12315	11947	11856	12039	2.02	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DLX5	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-16 15:12:24	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10096	10066	9808	9990	1.58	cps
Antimony	121-1	2875	2425	2500	2600	9.27	cps
Arsenic	75-2	24344	24889	24828	24687	1.21	cps
Barium	135-1	15752	15677	15952	15793	0.90	cps
Barium	137-1	27838	27154	28131	27708	1.81	cps
Beryllium	9-1	117	100	127	114	11.77	cps
Bismuth	209-1	1334893	1349034	1354869	1346265	0.76	cps
Bismuth	209-2	617091	624509	620671	620757	0.60	cps
Boron	10-1	683	650	675	669	2.59	cps
Boron	11-1	3842	3534	3309	3562	7.52	cps
Cadmium	111-1	822	927	973	907	8.55	cps
Cadmium	106-1	758	1008	1033	933	16.29	cps
Cadmium	108-1	67	42	54	54	23.08	cps
Calcium	43-1	7713246	7924662	7859309	7832405	1.38	cps
Calcium	44-1	125917838	128221278	127930781	127356633	0.99	cps
Chromium	52-2	5888	5661	5785	5778	1.96	cps
Cobalt	59-2	4331	4514	4431	4425	2.08	cps
Copper	63-2	25213	25083	25073	25123	0.31	cps
Dysprosium	156-1	4976	4776	4651	4801	3.42	cps
Dysprosium	156-2	2000	1954	2004	1986	1.41	cps
Erbium	164-1	5393	5877	5810	5693	4.60	cps
Erbium	164-2	2040	2157	1934	2044	5.47	cps
Gadolinium	160-1	5585	5518	5401	5501	1.69	cps
Gadolinium	160-2	2457	2370	2414	2414	1.80	cps
Holmium	165-1	2483029	2542744	2535138	2520304	1.29	cps
Holmium	165-2	949690	965704	946770	954055	1.07	cps
Indium	115-1	2468602	2442000	2475221	2461941	0.71	cps
Indium	115-2	225441	223190	223326	223986	0.56	cps
Iron	56-2	19087386	18962059	19246182	19098543	0.75	cps
Iron	57-2	472293	467165	469763	469740	0.55	cps
Krypton	83-1	660	693	697	683	2.97	cps
Lead	206-1	27508	29112	28700	28440	2.93	cps
Lead	207-1	17824	18163	18303	18097	1.36	cps
Lead	208-1	88295	90092	88939	89109	1.02	cps
Lithium	6-1	201888	207073	204721	204561	1.27	cps
Magnesium	24-2	8366531	8399854	8526014	8430800	1.00	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DLX5	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-16 15:12:24	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	878718	883901	882976	881865	0.31	cps
Molybdenum	94-1	3976	4484	4293	4251	6.04	cps
Molybdenum	95-1	667	650	592	636	6.19	cps
Molybdenum	96-1	1317	1333	1692	1447	14.64	cps
Molybdenum	97-1	550	500	567	539	6.44	cps
Molybdenum	98-1	783	883	867	845	6.35	cps
Neodymium	150-1	7569	7122	7442	7378	3.12	cps
Neodymium	150-2	1937	1980	1880	1932	2.60	cps
Nickel	60-2	5404	5281	5158	5281	2.34	cps
Phosphorus	31-2	125	117	92	111	15.61	cps
Potassium	39-2	13223	12998	13791	13337	3.06	cps
Rhodium	103-1	2548883	2604786	2589954	2581207	1.12	cps
Rhodium	103-2	1089498	1101162	1089061	1093241	0.63	cps
Scandium	45-1	2146102	2230892	2255752	2210915	2.60	cps
Scandium	45-2	35522	35582	35204	35436	0.57	cps
Selenium	77-2	13	23	7	14	58.06	cps
Selenium	78-2	11	6	7	8	35.21	cps
Selenium	82-1	-17	-101	-3	-40	-131.96	cps
Silicon	28-1	542940	545949	545720	544870	0.31	cps
Silver	109-1	1717	1759	1667	1714	2.68	cps
Silver	107-1	1917	1542	1925	1795	12.20	cps
Sodium	23-2	53460	54046	52941	53482	1.03	cps
Strontium	86-1	1647242	1667870	1679305	1664806	0.98	cps
Strontium	88-1	13945811	14063019	14145176	14051335	0.71	cps
Sulfur	34-1	727169	744942	729365	733825	1.32	cps
Terbium	159-1	2662372	2703451	2724358	2696727	1.17	cps
Terbium	159-2	991442	999577	989600	993540	0.53	cps
Thallium	203-1	1083	1000	975	1020	5.56	cps
Thallium	205-1	2359	2275	2375	2336	2.29	cps
Tin	118-1	775	817	750	781	4.31	cps
Titanium	47-1	60716	63310	62884	62303	2.23	cps
Uranium	238-1	7811	7594	7036	7480	5.35	cps
Vanadium	51-2	5845	5825	5731	5800	1.04	cps
Yttrium	89-1	3298673	3377507	3329488	3335223	1.19	cps
Yttrium	89-2	210486	211538	210363	210795	0.31	cps
Zinc	66-2	19864	20135	20375	20125	1.27	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DLX5	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-16 15:12:24	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10838	10196	10529	10521	3.05	cps
Zirconium	91-1	2484	2209	2425	2373	6.11	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL2X25	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-01-16 15:15:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2051	1943	2013	2002	2.73	cps
Antimony	121-1	550	525	725	600	18.16	cps
Arsenic	75-2	5107	4886	4736	4910	3.80	cps
Barium	135-1	2950	3509	3009	3156	9.73	cps
Barium	137-1	5952	5843	6035	5943	1.62	cps
Beryllium	9-1	43	47	63	51	20.96	cps
Bismuth	209-1	1387987	1392883	1376997	1385956	0.59	cps
Bismuth	209-2	611080	610736	609047	610288	0.18	cps
Boron	10-1	358	417	242	339	26.29	cps
Boron	11-1	1500	1609	1650	1586	4.88	cps
Cadmium	111-1	623	733	625	660	9.50	cps
Cadmium	106-1	825	950	817	864	8.65	cps
Cadmium	108-1	25	17	13	18	35.25	cps
Calcium	43-1	1578664	1544919	1590682	1571422	1.51	cps
Calcium	44-1	25091560	25258780	25201388	25183910	0.34	cps
Chromium	52-2	3087	3180	3094	3120	1.67	cps
Cobalt	59-2	930	1023	933	962	5.50	cps
Copper	63-2	6038	6188	5738	5988	3.83	cps
Dysprosium	156-1	1042	1000	1058	1033	2.91	cps
Dysprosium	156-2	490	340	370	400	19.84	cps
Erbium	164-1	1117	1183	1192	1164	3.53	cps
Erbium	164-2	393	443	437	424	6.40	cps
Gadolinium	160-1	1083	1292	1142	1172	9.17	cps
Gadolinium	160-2	427	437	480	448	6.33	cps
Holmium	165-1	2519235	2544179	2515093	2526169	0.62	cps
Holmium	165-2	918178	919821	913687	917229	0.35	cps
Indium	115-1	2542006	2527522	2516430	2528653	0.51	cps
Indium	115-2	218332	222459	218284	219692	1.09	cps
Iron	56-2	3807223	3779872	3826470	3804522	0.62	cps
Iron	57-2	93534	92120	93238	92964	0.80	cps
Krypton	83-1	583	630	670	628	6.91	cps
Lead	206-1	5635	5740	6068	5814	3.89	cps
Lead	207-1	3884	3795	3901	3860	1.47	cps
Lead	208-1	18600	18572	18166	18446	1.32	cps
Lithium	6-1	192197	191185	191172	191518	0.31	cps
Magnesium	24-2	1693628	1678261	1674807	1682232	0.60	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL2X25	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-01-16 15:15:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	172906	171009	172667	172194	0.60	cps
Molybdenum	94-1	867	958	1008	945	7.61	cps
Molybdenum	95-1	158	117	158	144	16.66	cps
Molybdenum	96-1	375	375	283	344	15.36	cps
Molybdenum	97-1	192	317	217	242	27.37	cps
Molybdenum	98-1	292	425	250	322	28.37	cps
Neodymium	150-1	1433	1347	1614	1465	9.29	cps
Neodymium	150-2	417	393	307	372	15.57	cps
Nickel	60-2	1090	1107	1207	1135	5.56	cps
Phosphorus	31-2	67	25	33	42	52.92	cps
Potassium	39-2	8945	9370	8995	9103	2.55	cps
Rhodium	103-1	2671560	2643110	2707036	2673902	1.20	cps
Rhodium	103-2	1083107	1091947	1084609	1086555	0.44	cps
Scandium	45-1	2154383	2191457	2156812	2167551	0.96	cps
Scandium	45-2	34609	34469	34232	34437	0.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	9	6	6	66.68	cps
Selenium	82-1	20	-74	-111	-55	-123.20	cps
Silicon	28-1	263227	267656	270299	267061	1.34	cps
Silver	109-1	483	533	617	544	12.37	cps
Silver	107-1	542	725	525	597	18.58	cps
Sodium	23-2	30016	29882	29932	29943	0.23	cps
Strontium	86-1	336116	331323	326386	331275	1.47	cps
Strontium	88-1	2878351	2890032	2891721	2886701	0.25	cps
Sulfur	34-1	491218	492057	491663	491646	0.09	cps
Terbium	159-1	2697837	2709385	2732768	2713330	0.66	cps
Terbium	159-2	951315	958690	960621	956875	0.51	cps
Thallium	203-1	183	233	275	231	19.91	cps
Thallium	205-1	583	583	642	603	5.59	cps
Tin	118-1	275	208	333	272	22.97	cps
Titanium	47-1	12523	11839	11580	11981	4.06	cps
Uranium	238-1	1625	1575	1584	1595	1.68	cps
Vanadium	51-2	1150	1280	1137	1189	6.66	cps
Yttrium	89-1	3162049	3132047	3179508	3157868	0.76	cps
Yttrium	89-2	189082	190607	191891	190527	0.74	cps
Zinc	66-2	4214	4091	4041	4115	2.17	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL2X25	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL2	Dilution Factor :	25
Date & Time Acquired ::	2019-01-16 15:15:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2134	2575	2550	2420	10.26	cps
Zirconium	91-1	517	483	575	525	8.84	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL3	Dilution Factor :	50
Date & Time Acquired ::	2019-01-16 15:21:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1035	1035	983	1018	2.98	cps
Antimony	121-1	433	383	325	381	14.25	cps
Arsenic	75-2	2343	2404	2287	2345	2.49	cps
Barium	135-1	1342	1809	1634	1595	14.79	cps
Barium	137-1	2850	2642	2567	2686	5.47	cps
Beryllium	9-1	27	23	27	26	7.55	cps
Bismuth	209-1	1401143	1412690	1354382	1389405	2.22	cps
Bismuth	209-2	652127	640650	650074	647617	0.95	cps
Boron	10-1	267	200	225	231	14.61	cps
Boron	11-1	975	1067	883	975	9.40	cps
Cadmium	111-1	619	605	547	590	6.52	cps
Cadmium	106-1	875	833	750	820	7.77	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	773242	752597	716768	747536	3.82	cps
Calcium	44-1	12663002	12374008	11864131	12300381	3.29	cps
Chromium	52-2	2607	2634	2700	2647	1.82	cps
Cobalt	59-2	533	497	500	510	3.97	cps
Copper	63-2	3517	3501	3490	3503	0.38	cps
Dysprosium	156-1	517	500	492	503	2.53	cps
Dysprosium	156-2	197	170	243	203	18.26	cps
Erbium	164-1	600	608	483	564	12.39	cps
Erbium	164-2	217	243	180	213	14.91	cps
Gadolinium	160-1	617	633	425	558	20.74	cps
Gadolinium	160-2	280	257	247	261	6.55	cps
Holmium	165-1	2561484	2579059	2438190	2526245	3.04	cps
Holmium	165-2	950521	937504	940957	942994	0.72	cps
Indium	115-1	2513516	2470491	2355590	2446532	3.34	cps
Indium	115-2	220183	218410	220057	219550	0.45	cps
Iron	56-2	1910423	1889932	1893613	1897989	0.58	cps
Iron	57-2	46322	46049	45898	46090	0.47	cps
Krypton	83-1	713	657	593	654	9.17	cps
Lead	206-1	3012	3078	2945	3012	2.21	cps
Lead	207-1	1795	1756	1734	1761	1.76	cps
Lead	208-1	9607	9441	9118	9389	2.65	cps
Lithium	6-1	196907	203338	190970	197072	3.14	cps
Magnesium	24-2	843112	845840	848382	845778	0.31	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL3	Dilution Factor :	50
Date & Time Acquired ::	2019-01-16 15:21:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	84691	86238	86144	85691	1.01	cps
Molybdenum	94-1	442	700	425	522	29.53	cps
Molybdenum	95-1	83	142	92	106	29.89	cps
Molybdenum	96-1	175	217	133	175	23.81	cps
Molybdenum	97-1	133	158	142	144	8.81	cps
Molybdenum	98-1	183	108	150	147	25.52	cps
Neodymium	150-1	860	813	760	811	6.17	cps
Neodymium	150-2	213	193	197	201	5.33	cps
Nickel	60-2	647	603	620	623	3.51	cps
Phosphorus	31-2	8	33	33	25	57.74	cps
Potassium	39-2	7969	8003	8053	8008	0.52	cps
Rhodium	103-1	2638913	2651976	2481481	2590790	3.66	cps
Rhodium	103-2	1114148	1088964	1097978	1100363	1.16	cps
Scandium	45-1	2176695	2128996	2023117	2109603	3.73	cps
Scandium	45-2	34619	32996	33597	33737	2.43	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-139	-38	20	-52	-154.03	cps
Silicon	28-1	241076	246143	245847	244356	1.16	cps
Silver	109-1	467	383	358	403	14.08	cps
Silver	107-1	375	383	308	356	11.56	cps
Sodium	23-2	24121	23228	23295	23548	2.11	cps
Strontium	86-1	164624	162789	154129	160514	3.49	cps
Strontium	88-1	1437286	1404259	1309097	1383547	4.81	cps
Sulfur	34-1	471318	471936	472530	471928	0.13	cps
Terbium	159-1	2765384	2776740	2607154	2716426	3.49	cps
Terbium	159-2	1005773	978893	984887	989851	1.43	cps
Thallium	203-1	250	117	83	150	58.79	cps
Thallium	205-1	375	375	392	381	2.53	cps
Tin	118-1	192	242	183	206	15.35	cps
Titanium	47-1	6052	6127	5718	5965	3.65	cps
Uranium	238-1	767	867	617	750	16.78	cps
Vanadium	51-2	597	537	547	560	5.74	cps
Yttrium	89-1	3097473	3034619	2900208	3010767	3.35	cps
Yttrium	89-2	191023	184009	186083	187039	1.93	cps
Zinc	66-2	2117	2120	2050	2096	1.88	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	K1113-05DL3X50	Instrumnet Name :	P8
Client Sample ID :	BCB-COMPOSITEDL3	Dilution Factor :	50
Date & Time Acquired ::	2019-01-16 15:21:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1433	1192	1050	1225	15.82	cps
Zirconium	91-1	308	292	200	267	21.88	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:41:23	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	512435	514890	519060	515462	0.65	cps
Antimony	121-1	2123267	2143140	2132596	2133001	0.47	cps
Arsenic	75-2	63449	63841	63702	63664	0.31	cps
Barium	135-1	2088363	2118375	2105903	2104214	0.72	cps
Barium	137-1	3597322	3607427	3573135	3592628	0.49	cps
Beryllium	9-1	362531	369614	370668	367604	1.20	cps
Bismuth	209-1	1544199	1584505	1532067	1553590	1.77	cps
Bismuth	209-2	785326	800275	787143	790914	1.03	cps
Boron	10-1	47145	48283	48575	48001	1.57	cps
Boron	11-1	243810	253468	256575	251284	2.65	cps
Cadmium	111-1	482723	487400	483635	484586	0.51	cps
Cadmium	106-1	52712	50730	51224	51555	2.00	cps
Cadmium	108-1	34766	34795	34896	34819	0.20	cps
Calcium	43-1	3498511	3508355	3541340	3516068	0.64	cps
Calcium	44-1	56462862	56237851	56866054	56522256	0.56	cps
Chromium	52-2	484163	490831	491633	488876	0.84	cps
Cobalt	59-2	886376	897837	893554	892589	0.65	cps
Copper	63-2	1765449	1766974	1745028	1759150	0.70	cps
Dysprosium	156-1	42	75	42	53	36.46	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	58	33	50	47	26.97	cps
Gadolinium	160-2	0	17	10	9	94.38	cps
Holmium	165-1	2851766	2903509	2819637	2858304	1.48	cps
Holmium	165-2	1154883	1172547	1152317	1159916	0.95	cps
Indium	115-1	2597043	2704408	2625608	2642353	2.10	cps
Indium	115-2	253994	254469	249156	252539	1.16	cps
Iron	56-2	86781485	87113024	87688330	87194280	0.53	cps
Iron	57-2	2179444	2221763	2217039	2206082	1.05	cps
Krypton	83-1	747	620	617	661	11.21	cps
Lead	206-1	940558	942708	936893	940053	0.31	cps
Lead	207-1	846680	853075	841039	846931	0.71	cps
Lead	208-1	3867391	3912169	3841738	3873766	0.92	cps
Lithium	6-1	334485	347138	341759	341127	1.86	cps
Magnesium	24-2	9875956	9917324	9929662	9907647	0.28	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:41:23	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	314074	315649	315489	315070	0.28	cps
Molybdenum	94-1	4124166	4099771	4187155	4137031	1.09	cps
Molybdenum	95-1	5096129	5054599	5080232	5076987	0.41	cps
Molybdenum	96-1	5655045	5520683	5576285	5584004	1.21	cps
Molybdenum	97-1	3138248	3120326	3117598	3125391	0.36	cps
Molybdenum	98-1	7928841	7956383	7992875	7959366	0.40	cps
Neodymium	150-1	107	167	113	129	25.51	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	264840	267641	270156	267546	0.99	cps
Phosphorus	31-2	8695	8486	8661	8614	1.30	cps
Potassium	39-2	3141520	3155520	3083728	3126922	1.22	cps
Rhodium	103-1	2670131	2709689	2683214	2687678	0.75	cps
Rhodium	103-2	1187201	1192643	1166504	1182116	1.17	cps
Scandium	45-1	2404583	2454031	2413985	2424200	1.08	cps
Scandium	45-2	39385	39318	38372	39025	1.45	cps
Selenium	77-2	523	507	430	487	10.23	cps
Selenium	78-2	1758	1876	1898	1844	4.10	cps
Selenium	82-1	37036	36968	37018	37007	0.09	cps
Silicon	28-1	2016570	2148310	2083402	2082761	3.16	cps
Silver	109-1	2277475	2282775	2288737	2282996	0.25	cps
Silver	107-1	2412254	2414264	2388583	2405034	0.59	cps
Sodium	23-2	22277741	22414139	22478052	22389977	0.46	cps
Strontium	86-1	624627	625312	619768	623236	0.49	cps
Strontium	88-1	5381698	5391946	5358990	5377545	0.31	cps
Sulfur	34-1	643777	642245	645627	643883	0.26	cps
Terbium	159-1	3008518	3065041	3014687	3029415	1.02	cps
Terbium	159-2	1199980	1209080	1204320	1204460	0.38	cps
Thallium	203-1	1169386	1174425	1170630	1171480	0.22	cps
Thallium	205-1	2813384	2854814	2859076	2842425	0.89	cps
Tin	118-1	1407593	1413281	1413055	1411310	0.23	cps
Titanium	47-1	1746459	1749675	1765307	1753814	0.57	cps
Uranium	238-1	3585159	3603204	3581523	3589962	0.32	cps
Vanadium	51-2	345517	353662	353453	350878	1.32	cps
Yttrium	89-1	3199336	3212878	3146794	3186336	1.10	cps
Yttrium	89-2	211450	214317	209086	211617	1.24	cps
Zinc	66-2	172245	171924	172998	172389	0.32	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P8
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:41:23	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3429440	3443309	3410604	3427784	0.48	cps
Zirconium	91-1	763162	758606	754596	758788	0.56	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:45:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	73	43	58	25.83	cps
Antimony	121-1	1192	1425	1300	1306	8.94	cps
Arsenic	75-2	20	9	15	15	37.50	cps
Barium	135-1	17	17	25	19	24.73	cps
Barium	137-1	25	8	25	19	49.50	cps
Beryllium	9-1	53	50	63	56	12.49	cps
Bismuth	209-1	1622389	1657794	1692082	1657421	2.10	cps
Bismuth	209-2	813982	828050	824281	822105	0.89	cps
Boron	10-1	1283	1217	1192	1231	3.85	cps
Boron	11-1	6693	6027	5693	6138	8.30	cps
Cadmium	111-1	543	532	573	549	3.86	cps
Cadmium	106-1	783	758	817	786	3.72	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	283	250	310	281	10.69	cps
Calcium	44-1	28569	28813	28382	28588	0.76	cps
Chromium	52-2	2050	2120	2157	2109	2.57	cps
Cobalt	59-2	67	100	110	92	24.60	cps
Copper	63-2	1460	1493	1477	1477	1.13	cps
Dysprosium	156-1	33	8	8	17	86.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	17	42	36	48.03	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	58	33	42	34.64	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	2808730	2894177	2850256	2851054	1.50	cps
Holmium	165-2	1141856	1145913	1145207	1144325	0.19	cps
Indium	115-1	2704334	2725385	2711272	2713664	0.40	cps
Indium	115-2	253999	258218	255432	255883	0.84	cps
Iron	56-2	4595	5502	4656	4918	10.30	cps
Iron	57-2	144	133	156	144	7.69	cps
Krypton	83-1	620	610	630	620	1.61	cps
Lead	206-1	339	278	244	287	16.69	cps
Lead	207-1	189	233	183	202	13.58	cps
Lead	208-1	1061	1022	944	1009	5.89	cps
Lithium	6-1	340885	346332	343192	343469	0.80	cps
Magnesium	24-2	408	542	392	447	18.39	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:45:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	113	87	98	14.19	cps
Molybdenum	94-1	400	450	400	417	6.93	cps
Molybdenum	95-1	350	342	417	369	11.13	cps
Molybdenum	96-1	300	275	408	328	21.62	cps
Molybdenum	97-1	283	233	242	253	10.60	cps
Molybdenum	98-1	500	525	508	511	2.49	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	263	220	190	224	16.42	cps
Phosphorus	31-2	8	25	33	22	57.29	cps
Potassium	39-2	9762	9579	9812	9718	1.27	cps
Rhodium	103-1	2815663	2850150	2859099	2841637	0.81	cps
Rhodium	103-2	1237836	1242254	1233180	1237757	0.37	cps
Scandium	45-1	2376733	2387409	2434641	2399594	1.28	cps
Scandium	45-2	37460	37955	37470	37628	0.75	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-22	-30	-57	-36	-50.15	cps
Silicon	28-1	325267	322530	315820	321205	1.51	cps
Silver	109-1	675	658	792	708	10.26	cps
Silver	107-1	917	783	650	783	17.02	cps
Sodium	23-2	29373	29373	28964	29237	0.81	cps
Strontium	86-1	992	950	808	917	10.48	cps
Strontium	88-1	75	58	92	75	22.22	cps
Sulfur	34-1	423572	423721	427656	424983	0.54	cps
Terbium	159-1	2990908	3036480	3033844	3020411	0.85	cps
Terbium	159-2	1190473	1173962	1185645	1183360	0.72	cps
Thallium	203-1	58	58	33	50	28.88	cps
Thallium	205-1	125	117	100	114	11.18	cps
Tin	118-1	383	417	417	406	4.75	cps
Titanium	47-1	108	92	108	103	9.36	cps
Uranium	238-1	33	33	67	44	43.30	cps
Vanadium	51-2	17	17	23	19	20.36	cps
Yttrium	89-1	3175092	3181378	3208491	3188320	0.56	cps
Yttrium	89-2	209288	210744	209025	209686	0.44	cps
Zinc	66-2	57	50	100	69	39.41	cps

LB Number :	LB100339	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P8
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-01-16 15:45:23	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	325	325	258	303	12.71	cps
Zirconium	91-1	125	83	117	108	20.35	cps