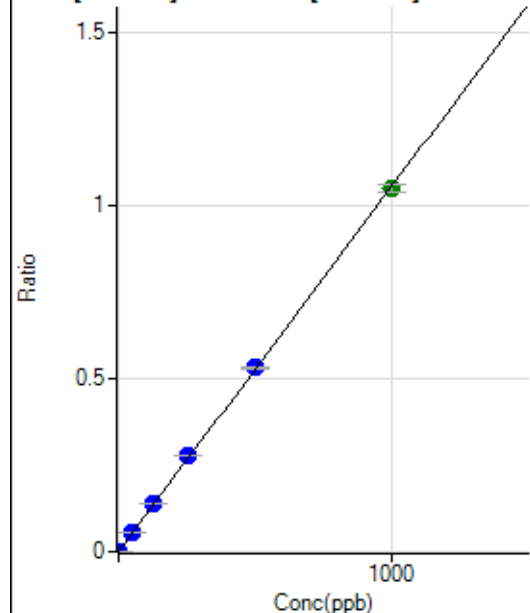


Batch Folder: D:\P8092017- MS.b\
Analysis File: P8092017- MS.batch.bin
DA Date-Time: 2017-09-20 15:27:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-09-20 11:53:30
2			
3	005CALS.d	S02	2017-09-20 12:03:34
4	006CALS.d	S03	2017-09-20 12:07:03
5	007CALS.d	S04	2017-09-20 12:10:31
6	008CALS.d	S05	2017-09-20 12:13:54
7	009CALS.d	S06	2017-09-20 12:17:12
8	010CALS.d	S07	2017-09-20 12:20:23
9	011CALS.d	S08	2017-09-20 12:23:31

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.19	0.0001	P	20.6
2	☐	0.100					
3	☐	1.000	0.965	1174.16	0.0011	P	6.3
4	☐	50.000	53.470	59426.40	0.0565	P	0.5
5	☐	125.000	132.387	151157.99	0.1396	P	0.7
6	☐	250.000	262.612	313833.41	0.2769	P	0.7
7	☐	500.000	503.748	662724.44	0.5310	P	1.2
8	☐	1000.000	993.876	1340885.94	1.0475	A	2.3
9	☐			711.15	0.0006	P	0.7

$$y = 0.0011 * x + 1.2909E-004$$

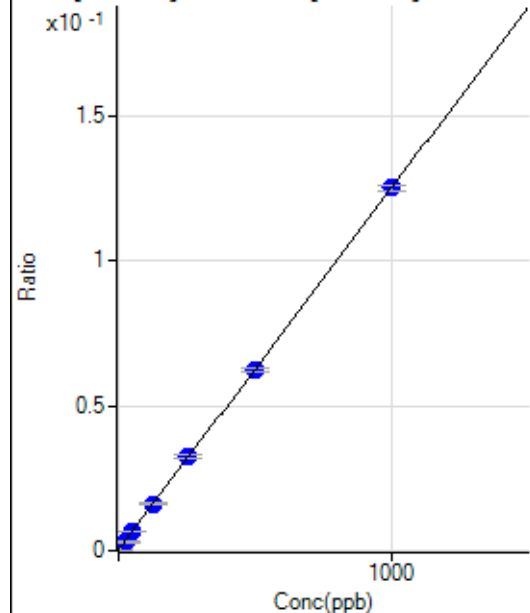
$$R = 0.9999$$

$$DL = 0.07561$$

$$BEC = 0.1225$$

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	336.13	0.0003	P	9.8
2	☐	2.500					
3	☐	25.000	21.435	3075.47	0.0030	P	3.7
4	☐	50.000	50.348	6960.33	0.0066	P	3.4
5	☐	125.000	127.545	17605.87	0.0163	P	2.8
6	☐	250.000	256.216	36672.89	0.0324	P	3.3
7	☐	500.000	496.436	77858.79	0.0624	P	1.3
8	☐	1000.000	999.982	160440.23	0.1253	P	1.8
9	☐			5492.96	0.0043	P	10.9

$$y = 1.2501E-004 * x + 3.2107E-004$$

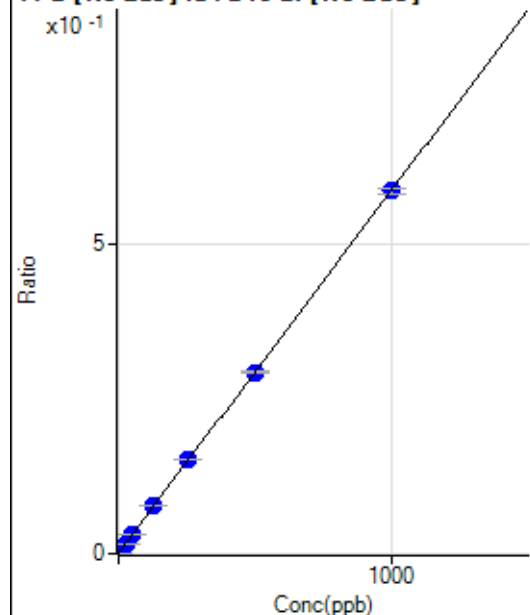
$$R = 1.0000$$

$$DL = 0.7564$$

$$BEC = 2.568$$

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	1266.78	0.0012	P	8.1
2	☐	2.500					
3	☐	25.000	22.663	14847.11	0.0145	P	1.9
4	☐	50.000	52.085	33378.78	0.0317	P	2.3
5	☐	125.000	128.641	82889.12	0.0766	P	0.8
6	☐	250.000	257.609	172441.83	0.1521	P	1.4
7	☐	500.000	497.846	365597.85	0.2929	P	0.9
8	☐	1000.000	998.674	750581.29	0.5863	P	1.6
9	☐			24721.98	0.0193	P	7.1

$$y = 5.8586E-004 * x + 0.0012$$

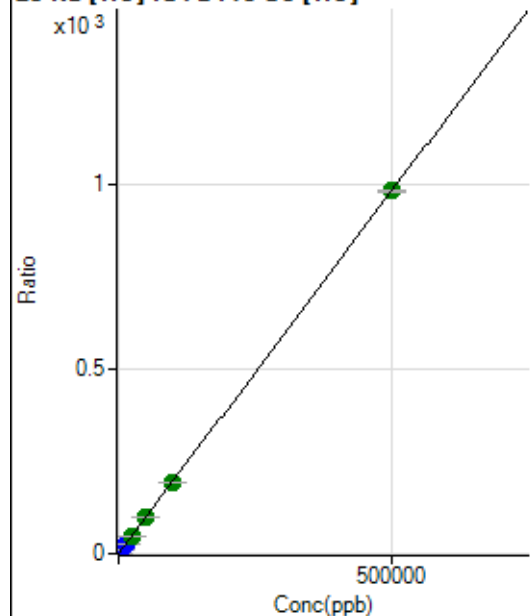
$$R = 1.0000$$

$$DL = 0.5046$$

$$BEC = 2.065$$

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	4842.70	0.1217	P	6.1
2	☐	50.000					
3	☐	500.000	422.571	38614.65	0.9519	P	0.5
4	☐	5000.000	4890.429	396803.52	9.7300	P	0.9
5	☐	12500.000	12231.086	993732.69	24.1524	P	1.0
6	☐	25000.000	24978.562	2033501.65	49.1977	A	0.2
7	☐	50000.000	50088.317	3892029.86	98.5315	A	0.9
8	☐	100000.00	98362.329	7323945.22	193.3767	A	1.0
9	☐	500000.00	500327.67	37712018.90	983.1283	A	0.4

$$y = 0.0020 * x + 0.1217$$

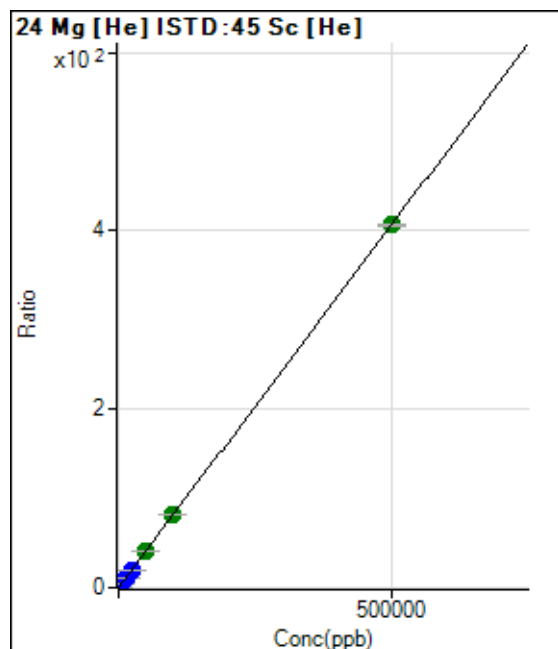
$$R = 1.0000$$

$$DL = 11.31$$

$$BEC = 61.93$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0056	P	18.6
2	☐	50.000					
3	☐	500.000	432.354	14482.90	0.3571	P	2.8
4	☐	5000.000	4892.477	162451.75	3.9834	P	0.5
5	☐	12500.000	12263.396	410468.40	9.9763	P	1.1
6	☐	25000.000	24734.393	831440.57	20.1158	P	0.7
7	☐	50000.000	50917.225	1635502.15	41.4037	A	0.5
8	☐	100000.00	99862.661	3075309.42	81.1987	A	0.8
9	☐	500000.00	499956.08	15592630.38	406.4937	A	0.3

$$y = 8.1305E-004 * x + 0.0056$$

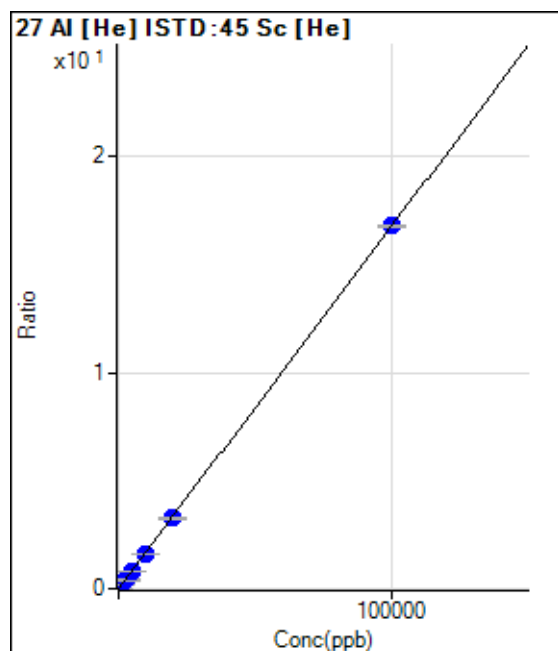
$$R = 1.0000$$

$$DL = 3.828$$

$$BEC = 6.862$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0003	P	67.5
2	☐	2.000					
3	☐	20.000	16.311	125.01	0.0031	P	7.2
4	☐	1000.000	933.214	6398.91	0.1569	P	0.3
5	☐	2500.000	2405.921	16621.57	0.4040	P	3.2
6	☐	5000.000	4810.595	33370.86	0.8074	P	1.2
7	☐	10000.000	9706.239	64335.79	1.6287	P	0.7
8	☐	20000.000	19498.855	123903.85	3.2715	P	1.3
9	☐	100000.00	100142.09	644436.06	16.8003	P	0.6

$$y = 1.6776E-004 * x + 3.4598E-004$$

$$R = 1.0000$$

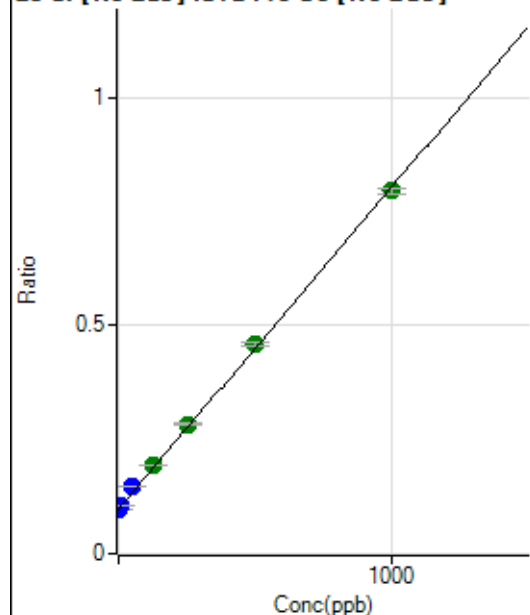
$$DL = 4.175$$

$$BEC = 2.062$$

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	466406.29	0.0980	P	1.4
2	☐	1.000					
3	☐	10.000	11.901	499809.87	0.1063	P	0.5
4	☐	50.000	69.063	699247.47	0.1466	P	0.8
5	☐	125.000	133.527	920547.90	0.1921	A	0.0
6	☐	250.000	262.946	1388404.09	0.2833	A	1.0
7	☐	500.000	512.027	2297775.92	0.4588	A	1.2
8	☐	1000.000	988.712	3860616.97	0.7948	A	1.3
9	☐			461266.96	0.0981	P	4.1

$$y = 7.0480\text{E-}004 * x + 0.0980$$

$$R = 0.9997$$

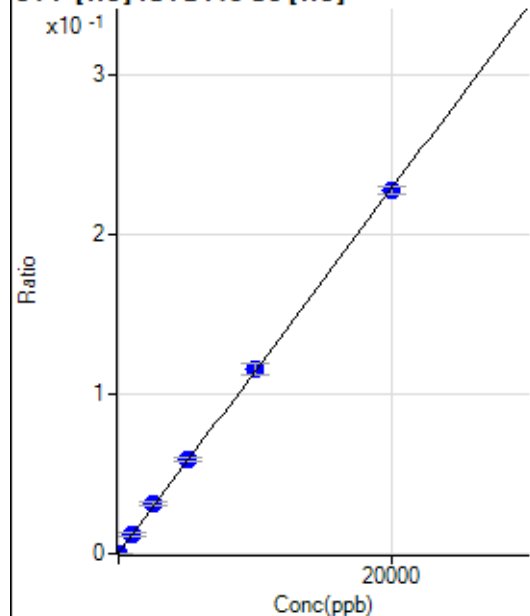
$$DL = 5.923$$

$$BEC = 139$$

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	0.328	8.33	0.0002	P	102.3
2	☐	0.000					
3	☐	0.000	-0.328	8.33	0.0002	P	173.2
4	☐	1000.000	1048.392	497.25	0.0122	P	22.5
5	☐	2500.000	2737.566	1294.56	0.0315	P	7.3
6	☐	5000.000	5126.291	2428.10	0.0587	P	3.0
7	☐	10000.000	10122.504	4573.15	0.1158	P	6.7
8	☐	20000.000	19875.060	8603.00	0.2271	P	2.1
9	☐			13.89	0.0004	P	69.5

$$y = 1.1418\text{E-}005 * x + 2.0992\text{E-}004$$

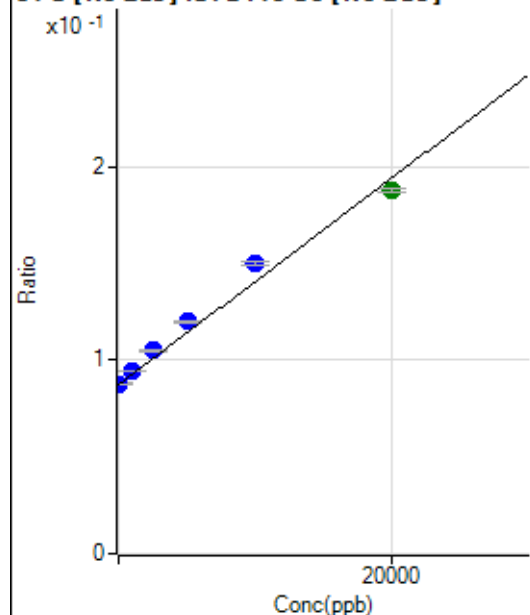
$$R = 0.9999$$

$$DL = 75.62$$

$$BEC = 18.38$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	33.584	416620.98	0.0875	P	1.3
2	☐	0.000					
3	☐	0.000	-33.584	409554.17	0.0871	P	0.2
4	☐	1000.000	1341.981	450545.85	0.0945	P	0.3
5	☐	2500.000	3306.609	503039.46	0.1050	P	0.6
6	☐	5000.000	6082.119	586966.45	0.1198	P	1.0
7	☐	10000.000	11710.652	750096.01	0.1498	P	1.2
8	☐	20000.000	18756.219	910108.92	0.1874	A	0.9
9	☐			413551.62	0.0880	P	5.5

$$y = 5.3337\text{E-}006 * x + 0.0873$$

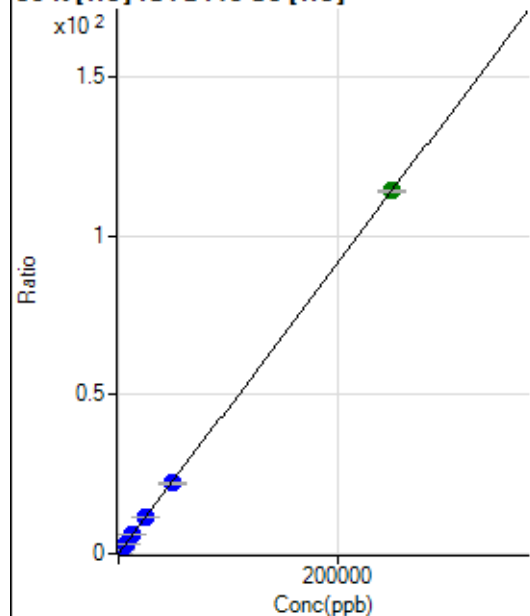
$$R = 0.9921$$

$$DL = 354.3$$

$$BEC = 1.637\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2900.43	0.0727	P	7.0
2	☐	50.000					
3	☐	500.000	432.956	10943.59	0.2698	P	1.5
4	☐	2500.000	2550.852	50321.35	1.2338	P	1.2
5	☐	6250.000	6290.540	120800.98	2.9361	P	1.7
6	☐	12500.000	12625.209	240536.45	5.8195	P	0.6
7	☐	25000.000	24878.935	450191.11	11.3972	P	1.0
8	☐	50000.000	48381.087	836838.29	22.0950	P	0.9
9	☐	250000.00	250328.24	4373579.61	114.0182	A	0.4

$$y = 4.5518\text{E-}004 * x + 0.0727$$

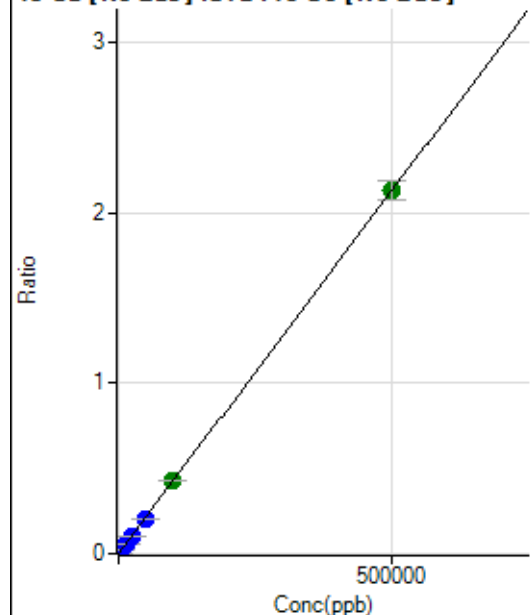
$$R = 1.0000$$

$$DL = 33.72$$

$$BEC = 159.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1833.53	0.0004	P	4.4
2	☐	50.000					
3	☐	500.000	429.799	10395.95	0.0022	P	2.8
4	☐	5000.000	4892.735	101012.41	0.0212	P	0.9
5	☐	12500.000	12247.255	251356.40	0.0524	P	1.0
6	☐	25000.000	24596.846	514349.85	0.1049	P	0.7
7	☐	50000.000	48544.476	1035311.45	0.2067	P	1.5
8	☐	100000.00	99795.113	2062532.42	0.4246	A	0.5
9	☐	500000.00	500214.14	9997502.91	2.1268	A	5.3

$$y = 4.2509\text{E-}006 * x + 3.8499\text{E-}004$$

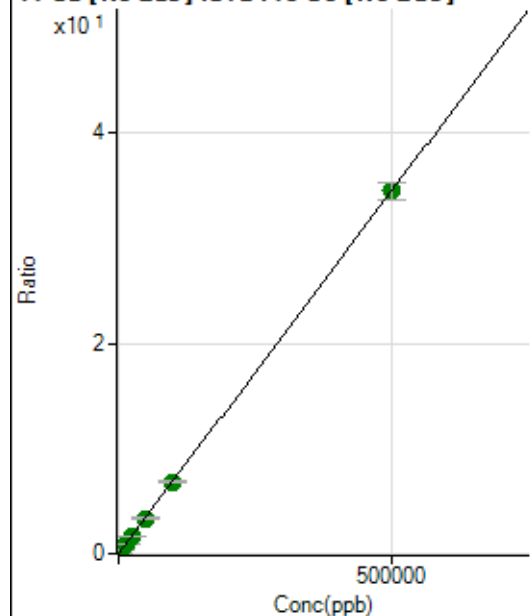
$$R = 1.0000$$

$$DL = 11.89$$

$$BEC = 90.57$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32076.74	0.0067	P	3.3
2	☐	50.000					
3	☐	500.000	431.675	171472.74	0.0365	P	0.7
4	☐	5000.000	4965.781	1663995.09	0.3489	A	0.3
5	☐	12500.000	12328.825	4104109.95	0.8564	A	1.4
6	☐	25000.000	24576.395	8333532.83	1.7004	A	1.2
7	☐	50000.000	48634.170	16817218.78	3.3583	A	1.6
8	☐	100000.00	99344.877	33288475.39	6.8530	A	0.6
9	☐	500000.00	500293.47	162114775.8	34.4839	A	5.0

$$y = 6.8914\text{E-}005 * x + 0.0067$$

$$R = 1.0000$$

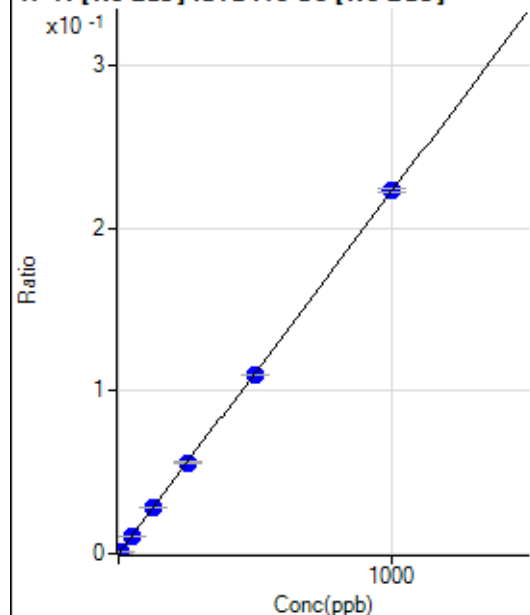
$$DL = 9.592$$

$$BEC = 97.77$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	28.2
2	☐	0.500					
3	☐	5.000	4.206	4537.03	0.0010	P	3.7
4	☐	50.000	49.787	52915.12	0.0111	P	1.7
5	☐	125.000	125.162	133488.94	0.0279	P	0.6
6	☐	250.000	250.856	273443.73	0.0558	P	1.4
7	☐	500.000	494.516	550694.43	0.1100	P	0.2
8	☐	1000.000	1002.523	1082640.91	0.2229	P	1.0
9	☐			877.84	0.0002	P	8.4

$$y = 2.2229\text{E-}004 * x + 3.0325\text{E-}005$$

$$R = 1.0000$$

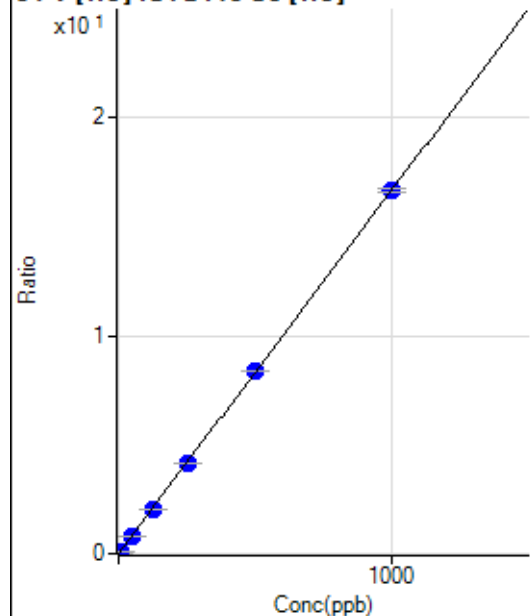
$$DL = 0.1156$$

$$BEC = 0.1364$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0004	P	23.5
2	☐	0.500					
3	☐	5.000	4.312	2931.47	0.0723	P	4.6
4	☐	50.000	49.801	33864.45	0.8303	P	0.7
5	☐	125.000	123.352	84593.64	2.0561	P	1.7
6	☐	250.000	249.462	171847.62	4.1576	P	0.4
7	☐	500.000	502.382	330713.64	8.3725	P	0.7
8	☐	1000.000	999.163	630642.00	16.6512	P	1.1
9	☐			152.23	0.0040	P	7.7

$$y = 0.0167 * x + 4.2041\text{E-}004$$

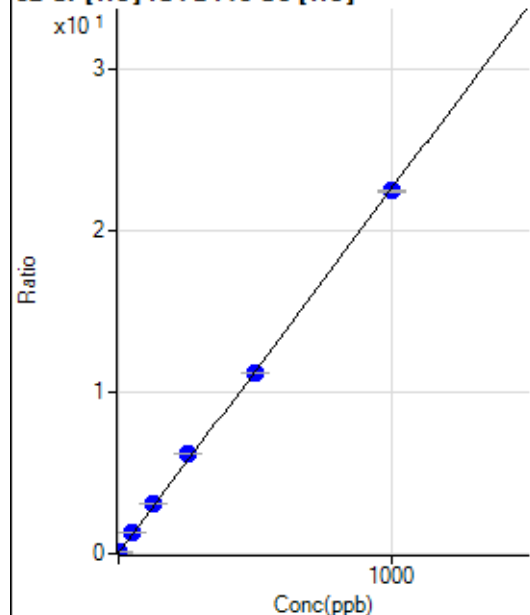
$$R = 1.0000$$

$$DL = 0.0178$$

$$BEC = 0.02523$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	784.48	0.0197	P	14.6
2	☐	0.200					
3	☐	2.000	1.883	2523.61	0.0622	P	3.9
4	☐	50.000	54.860	51343.97	1.2590	P	0.8
5	☐	125.000	137.501	128617.38	3.1258	P	0.5
6	☐	250.000	274.541	257155.62	6.2216	P	0.2
7	☐	500.000	495.702	443106.07	11.2176	P	0.7
8	☐	1000.000	994.208	851379.98	22.4789	P	0.8
9	☐			6658.37	0.1736	P	1.8

$$y = 0.0226 * x + 0.0197$$

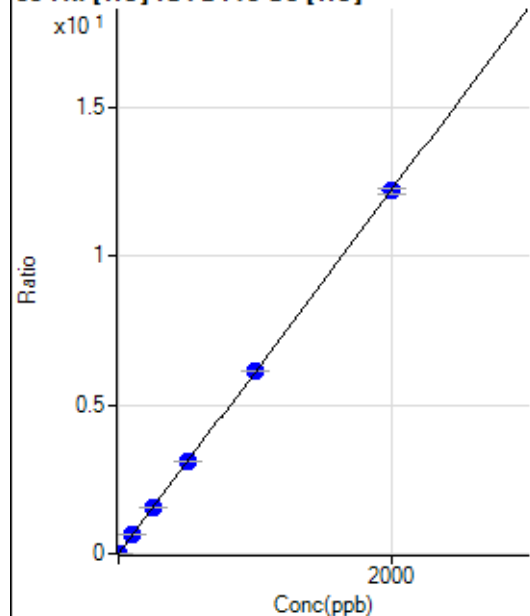
$$R = 0.9996$$

$$DL = 0.3814$$

$$BEC = 0.8711$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0023	P	9.9
2	☐	0.100					
3	☐	1.000	0.935	324.45	0.0080	P	7.2
4	☐	100.000	102.348	25608.13	0.6279	P	0.6
5	☐	250.000	253.369	63818.53	1.5511	P	1.1
6	☐	500.000	504.113	127468.72	3.0839	P	0.7
7	☐	1000.000	1004.990	242755.24	6.1457	P	0.9
8	☐	2000.000	1995.938	462189.02	12.2033	P	1.3
9	☐			1581.23	0.0412	P	2.8

$$y = 0.0061 * x + 0.0023$$

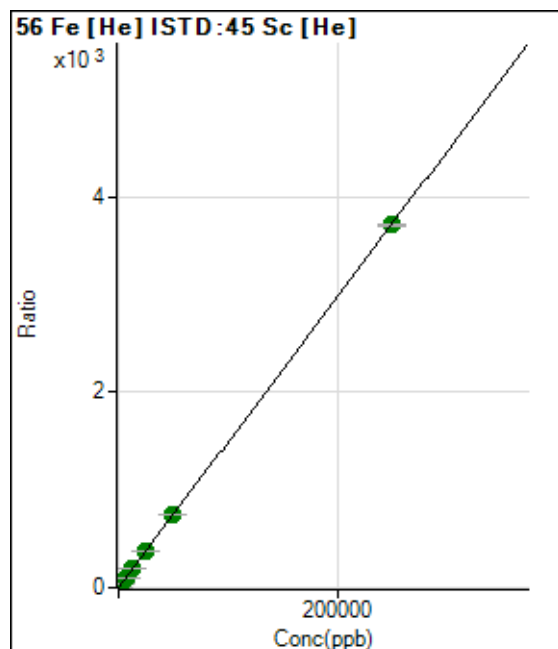
$$R = 1.0000$$

$$DL = 0.1113$$

$$BEC = 0.3733$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2139.12	0.0537	P	2.8
2	☐	5.000					
3	☐	50.000	43.319	28266.18	0.6968	P	1.3
4	☐	2500.000	2592.391	1571841.41	38.5430	A	0.6
5	☐	6250.000	6463.851	3950753.44	96.0227	A	1.0
6	☐	12500.000	12721.491	7809121.12	188.9301	A	0.7
7	☐	25000.000	25339.468	14862894.77	376.2696	A	0.6
8	☐	50000.000	50534.499	28418536.05	750.3410	A	0.7
9	☐	250000.00	249841.81	142288321.7	3,709.463	A	0.6

$$y = 0.0148 * x + 0.0537$$

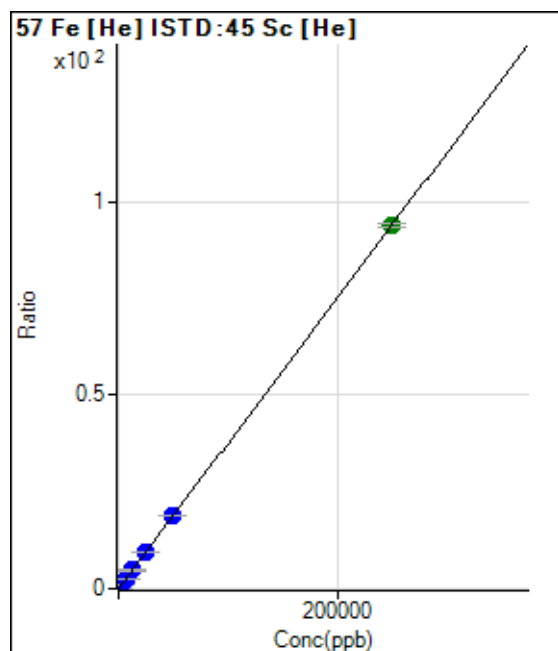
$$R = 1.0000$$

$$DL = 0.3078$$

$$BEC = 3.617$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.52	0.0017	P	8.5
2	☐	5.000					
3	☐	50.000	42.411	714.86	0.0176	P	5.0
4	☐	2500.000	2525.666	38672.59	0.9483	P	2.1
5	☐	6250.000	6336.652	97787.22	2.3766	P	0.5
6	☐	12500.000	12645.363	195965.16	4.7410	P	1.1
7	☐	25000.000	25392.662	375979.24	9.5185	P	0.8
8	☐	50000.000	50199.379	712624.05	18.8157	P	0.9
9	☐	250000.00	249911.16	3592724.33	93.6647	A	1.2

$$y = 3.7479E-004 * x + 0.0017$$

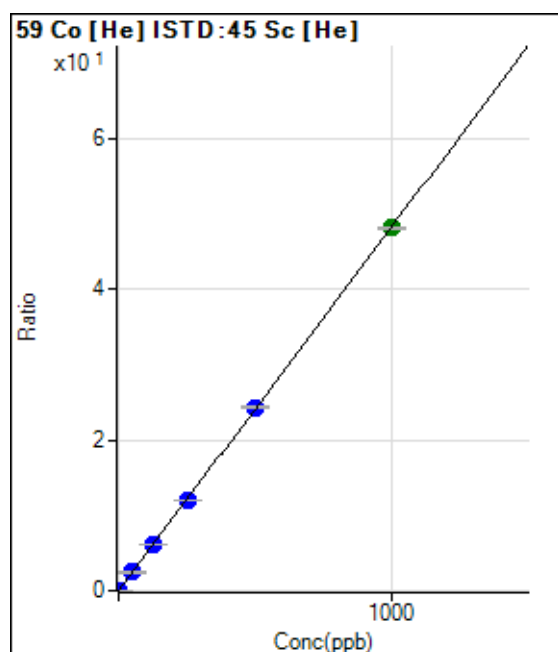
$$R = 1.0000$$

$$DL = 1.174$$

$$BEC = 4.597$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0025	P	8.9
2	☐	0.100					
3	☐	1.000	0.886	1831.27	0.0452	P	7.8
4	☐	50.000	50.278	98881.06	2.4247	P	1.0
5	☐	125.000	125.052	247985.30	6.0271	P	0.7
6	☐	250.000	248.905	495744.49	11.9940	P	0.5
7	☐	500.000	504.402	959968.49	24.3031	P	0.8
8	☐	1000.000	998.052	1821292.61	48.0857	A	0.2
9	☐			2273.56	0.0593	P	4.7

$$y = 0.0482 * x + 0.0025$$

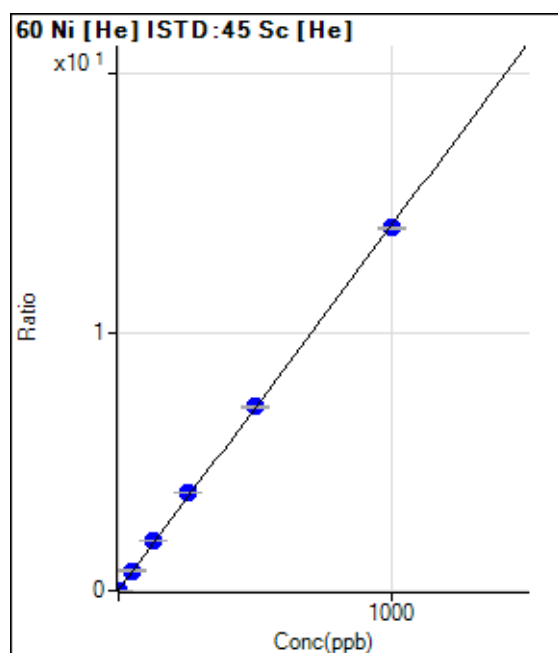
$$R = 1.0000$$

$$DL = 0.01368$$

$$BEC = 0.05096$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	785.59	0.0197	P	4.2
2	☐	0.100					
3	☐	1.000	0.874	1300.08	0.0321	P	5.7
4	☐	50.000	53.781	31768.65	0.7790	P	0.9
5	☐	125.000	133.659	78449.54	1.9066	P	0.8
6	☐	250.000	267.387	156833.78	3.7944	P	0.6
7	☐	500.000	502.786	281140.67	7.1176	P	1.5
8	☐	1000.000	992.989	531682.89	14.0378	P	0.5
9	☐			2153.55	0.0561	P	1.6

$$y = 0.0141 * x + 0.0197$$

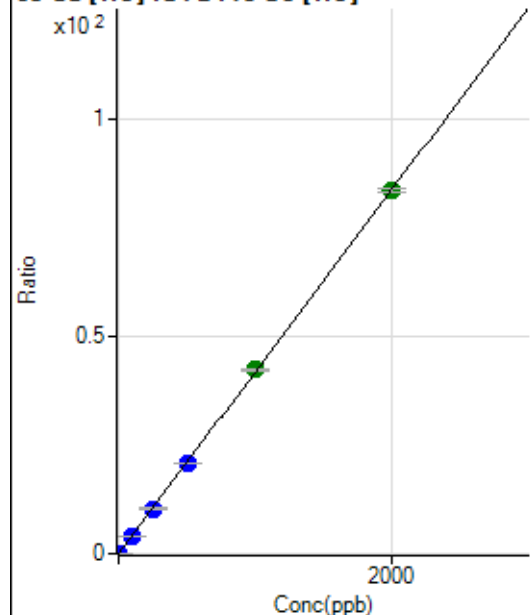
$$R = 0.9998$$

$$DL = 0.1754$$

$$BEC = 1.397$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.68	0.0072	P	13.5
2	☐	0.200					
3	☐	2.000	2.021	3722.78	0.0918	P	3.0
4	☐	100.000	99.782	170574.32	4.1826	P	0.3
5	☐	250.000	248.188	427603.66	10.3927	P	0.8
6	☐	500.000	495.966	858109.65	20.7610	P	0.2
7	☐	1000.000	1011.307	1671865.06	42.3254	A	0.5
8	☐	2000.000	1995.592	3162939.22	83.5129	A	1.1
9	☐			5202.19	0.1356	P	1.3

$$y = 0.0418 * x + 0.0072$$

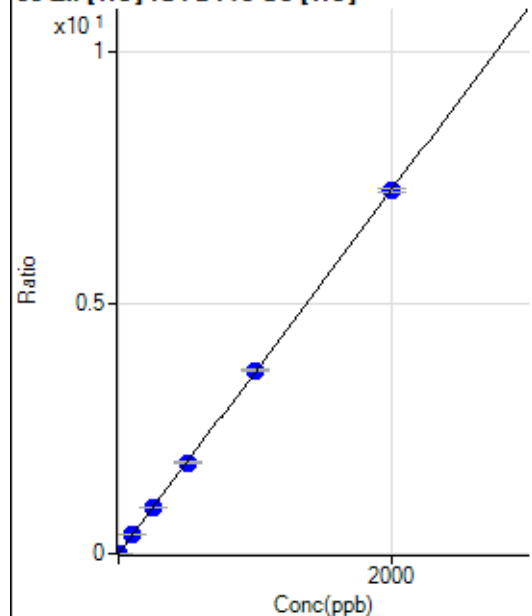
$$R = 1.0000$$

$$DL = 0.06992$$

$$BEC = 0.1724$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.45	0.0009	P	21.3
2	☐	0.200					
3	☐	2.000	1.969	324.45	0.0080	P	10.1
4	☐	100.000	100.760	14930.42	0.3661	P	0.8
5	☐	250.000	252.034	37622.19	0.9145	P	1.9
6	☐	500.000	500.402	75009.19	1.8148	P	1.0
7	☐	1000.000	1008.669	144458.59	3.6572	P	0.6
8	☐	2000.000	1995.273	273956.92	7.2335	P	1.1
9	☐			1300.08	0.0339	P	7.3

$$y = 0.0036 * x + 8.6648E-004$$

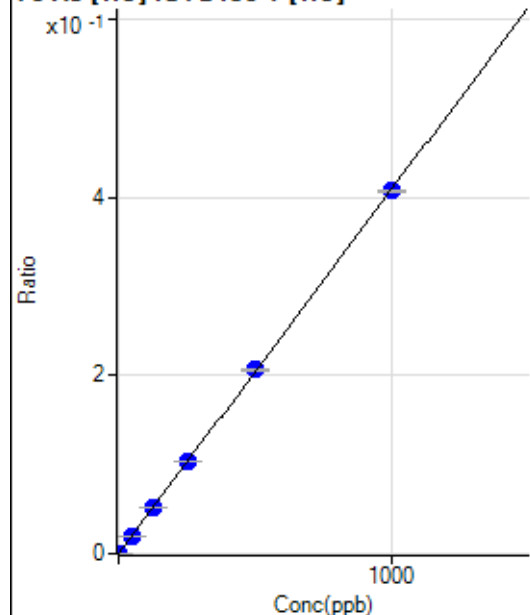
$$R = 1.0000$$

$$DL = 0.1525$$

$$BEC = 0.239$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.09	0.0000	P	90.3
2	☐	0.100					
3	☐	1.000	0.898	100.62	0.0004	P	4.7
4	☐	50.000	49.583	5450.50	0.0203	P	1.3
5	☐	125.000	125.587	13916.95	0.0514	P	1.2
6	☐	250.000	253.680	27961.07	0.1037	P	0.5
7	☐	500.000	505.917	53793.66	0.2069	P	0.9
8	☐	1000.000	996.069	101807.92	0.4073	P	0.7
9	☐			38.27	0.0001	P	34.1

$$y = 4.0887\text{E-}004 * x + 1.1846\text{E-}005$$

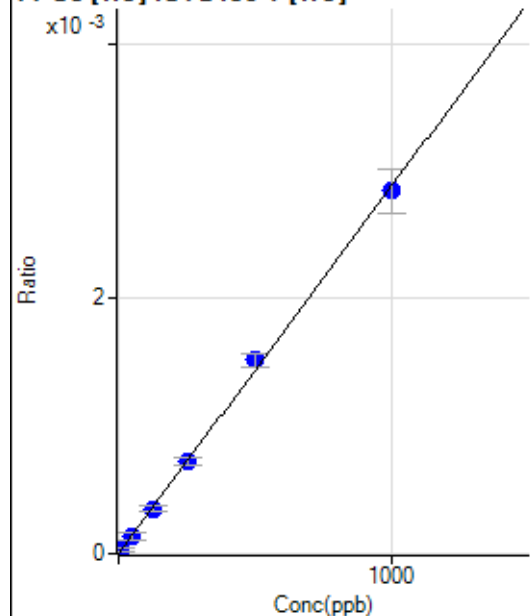
$$R = 1.0000$$

$$DL = 0.07848$$

$$BEC = 0.02897$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	10.160	7.78	0.0000	P	107.8
4	☐	50.000	45.865	35.56	0.0001	P	48.0
5	☐	125.000	122.429	95.56	0.0004	P	14.1
6	☐	250.000	250.106	194.45	0.0007	P	9.4
7	☐	500.000	526.258	394.46	0.0015	P	6.5
8	☐	1000.000	987.347	711.14	0.0028	P	11.8
9	☐			0.00	0.0000	P	

$$y = 2.8825\text{E-}006 * x + 0.0000\text{E+}000$$

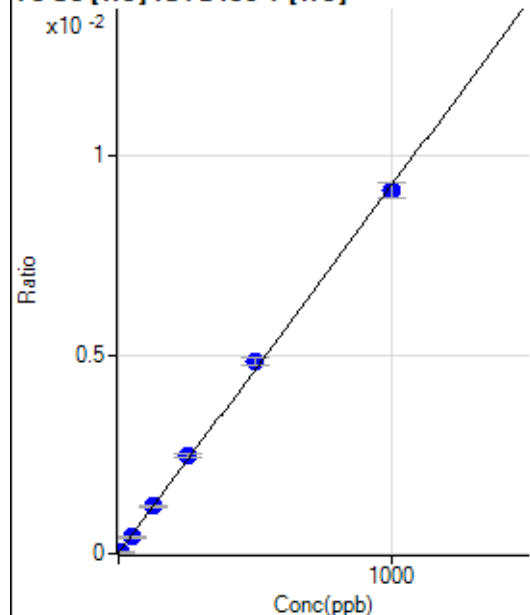
$$R = 0.9995$$

$$DL = 0$$

$$BEC = 0$$

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	112.2
2	☐	0.500					
3	☐	5.000	2.254	8.02	0.0000	P	81.1
4	☐	50.000	45.646	116.05	0.0004	P	9.6
5	☐	125.000	127.505	322.23	0.0012	P	7.0
6	☐	250.000	266.038	666.07	0.0025	P	2.4
7	☐	500.000	520.584	1255.01	0.0048	P	3.9
8	☐	1000.000	985.617	2281.69	0.0091	P	4.4
9	☐			1.85	0.0000	P	0.8

$$y = 9.2529\text{E-}006 * x + 9.3655\text{E-}006$$

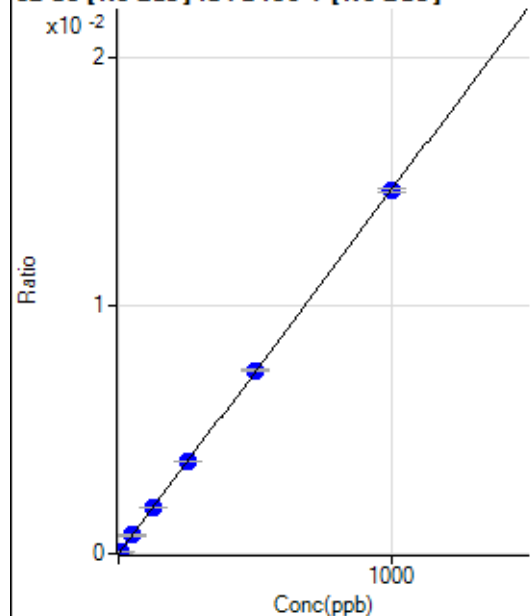
$$R = 0.9995$$

$$DL = 3.406$$

$$BEC = 1.012$$

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	-32.48	0.0000	P	-169.
2	☐	0.500					
3	☐	5.000	4.014	452.37	0.0001	P	24.7
4	☐	50.000	50.435	6141.92	0.0007	P	2.1
5	☐	125.000	128.327	15665.71	0.0019	P	1.2
6	☐	250.000	253.771	31784.33	0.0037	P	1.4
7	☐	500.000	503.252	64952.93	0.0074	P	1.5
8	☐	1000.000	996.999	126651.37	0.0146	P	0.9
9	☐			-16.22	0.0000	P	-196.

$$y = 1.4688\text{E-}005 * x - 3.9473\text{E-}006$$

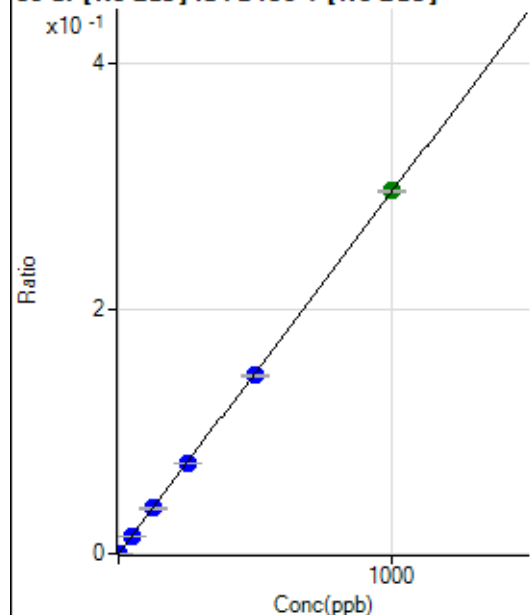
$$R = 1.0000$$

$$DL = 1.362$$

$$BEC = -0.2687$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	952.86	0.0001	P	13.7
2	☐	0.100					
3	☐	1.000	0.880	3086.62	0.0004	P	2.9
4	☐	50.000	49.314	122196.17	0.0147	P	0.2
5	☐	125.000	125.235	308562.46	0.0370	P	0.8
6	☐	250.000	249.369	628769.30	0.0737	P	1.0
7	☐	500.000	492.382	1277664.12	0.1453	P	1.5
8	☐	1000.000	1003.972	2562412.02	0.2962	A	0.2
9	☐			84080.87	0.0101	P	5.5

$$y = 2.9491\text{E-}004 * x + 1.1569\text{E-}004$$

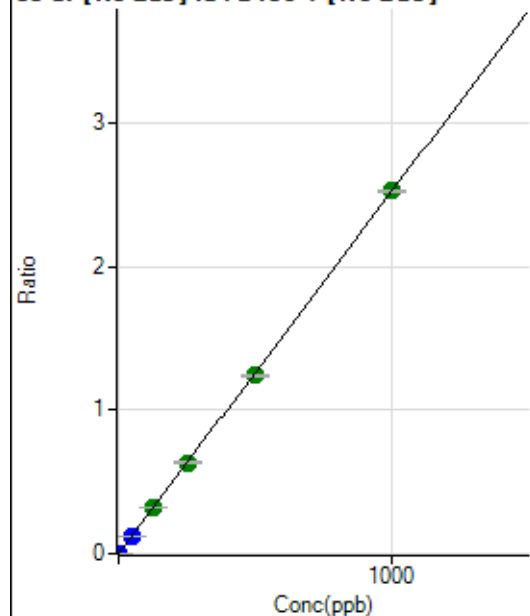
$$R = 1.0000$$

$$DL = 0.1618$$

$$BEC = 0.3923$$

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	194.45	0.0000	P	21.3
2	☐	0.100					
3	☐	1.000	0.893	18674.64	0.0023	P	3.3
4	☐	50.000	50.007	1049491.85	0.1259	P	0.5
5	☐	125.000	127.298	2668949.02	0.3205	A	0.8
6	☐	250.000	251.379	5401705.72	0.6328	A	1.8
7	☐	500.000	492.897	10908714.91	1.2408	A	1.2
8	☐	1000.000	1002.919	21839936.77	2.5246	A	0.7
9	☐			724743.38	0.0870	P	5.3

$$y = 0.0025 * x + 2.3617\text{E-}005$$

$$R = 1.0000$$

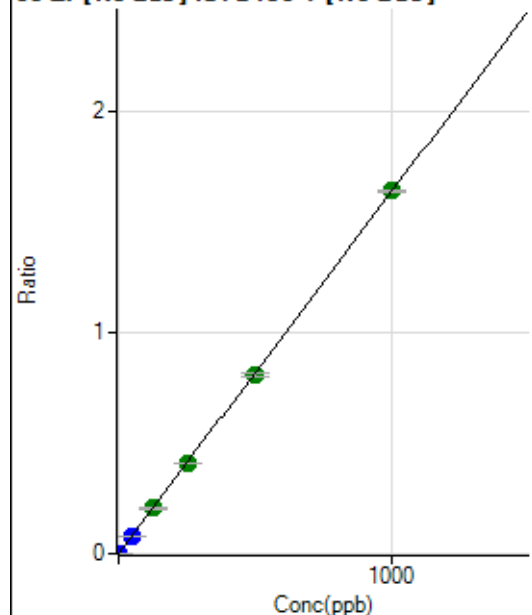
$$DL = 0.005998$$

$$BEC = 0.009382$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	475.03	0.0001	P	1.9
2	☐	0.100					
3	☐	1.000	0.830	11636.04	0.0014	P	1.2
4	☐	50.000	48.727	664960.38	0.0798	P	1.0
5	☐	125.000	125.667	1712675.04	0.2056	A	1.4
6	☐	250.000	250.760	3502462.10	0.4103	A	0.9
7	☐	500.000	494.014	7105864.74	0.8082	A	1.5
8	☐	1000.000	1002.784	14192597.02	1.6406	A	0.8
9	☐			3025.54	0.0004	P	1.8

$$y = 0.0016 * x + 5.7682E-005$$

$$R = 1.0000$$

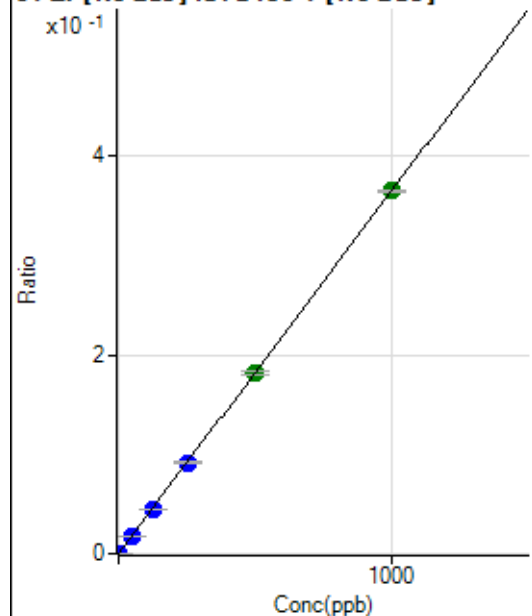
$$DL = 0.001984$$

$$BEC = 0.03526$$

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	108.34	0.0000	P	13.4
2	☐	0.100					
3	☐	1.000	0.826	2583.71	0.0003	P	8.1
4	☐	50.000	48.902	148684.13	0.0178	P	1.2
5	☐	125.000	123.812	375949.92	0.0451	P	1.1
6	☐	250.000	251.149	781570.74	0.0916	P	0.8
7	☐	500.000	499.262	1599973.67	0.1820	A	1.6
8	☐	1000.000	1000.285	3154184.95	0.3646	A	0.3
9	☐			716.72	0.0001	P	10.0

$$y = 3.6449E-004 * x + 1.3156E-005$$

$$R = 1.0000$$

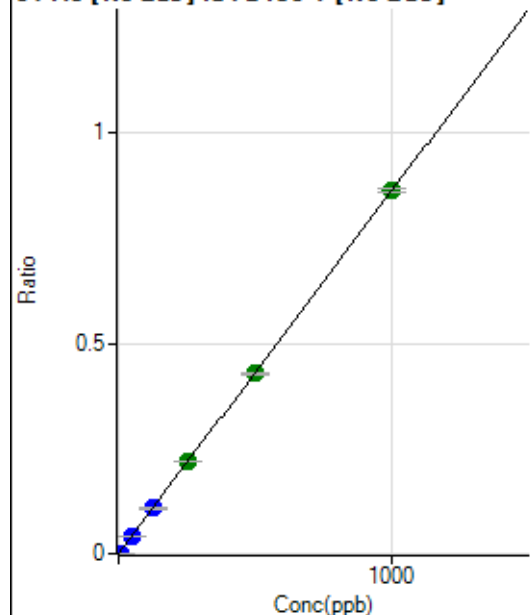
$$DL = 0.01447$$

$$BEC = 0.03609$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0000	P	10.2
2	☐	0.500					
3	☐	5.000	1.903	13732.52	0.0017	P	3.5
4	☐	50.000	49.004	352449.13	0.0423	P	0.9
5	☐	125.000	124.786	896274.42	0.1076	P	1.6
6	☐	250.000	254.419	1872866.68	0.2194	A	1.6
7	☐	500.000	496.939	3767342.79	0.4285	A	1.4
8	☐	1000.000	1000.518	7463193.92	0.8627	A	0.9
9	☐			4601.00	0.0006	P	6.7

$$y = 8.6224\text{E-}004 * x + 2.9012\text{E-}005$$

$$R = 1.0000$$

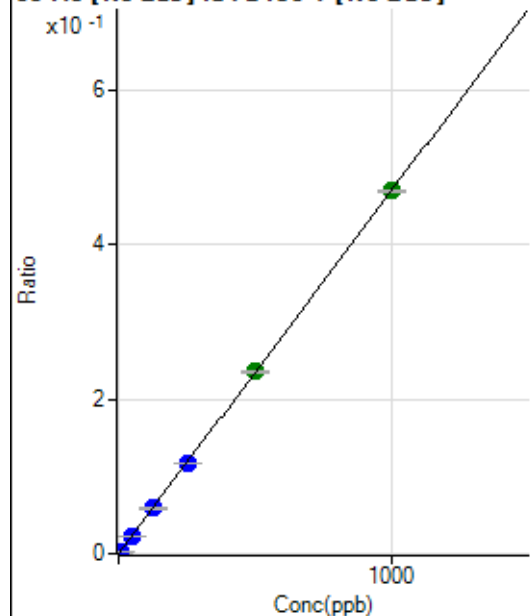
$$DL = 0.01033$$

$$BEC = 0.03365$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	48.4
2	☐	0.500					
3	☐	5.000	4.141	16065.75	0.0020	P	2.7
4	☐	50.000	49.054	192121.54	0.0230	P	0.8
5	☐	125.000	125.111	489430.81	0.0588	P	1.6
6	☐	250.000	249.053	998680.90	0.1170	P	0.5
7	☐	500.000	501.425	2070716.19	0.2355	A	1.2
8	☐	1000.000	999.562	4061469.19	0.4695	A	0.4
9	☐			5634.78	0.0007	P	4.6

$$y = 4.6968\text{E-}004 * x + 8.4291\text{E-}006$$

$$R = 1.0000$$

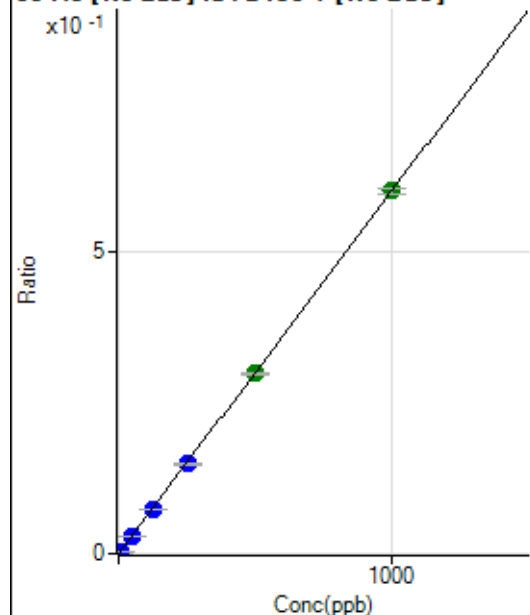
$$DL = 0.02608$$

$$BEC = 0.01795$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	33.5
2	☐	0.500					
3	☐	5.000	3.693	18410.35	0.0022	P	2.1
4	☐	50.000	48.928	244968.55	0.0294	P	1.1
5	☐	125.000	123.672	618326.11	0.0742	P	1.3
6	☐	250.000	248.138	1271498.58	0.1489	P	1.3
7	☐	500.000	498.631	2631363.36	0.2993	A	1.1
8	☐	1000.000	1001.376	5199357.11	0.6010	A	1.3
9	☐			8325.15	0.0010	P	6.7

$$y = 6.0018\text{E-}004 * x + 2.2593\text{E-}005$$

$$R = 1.0000$$

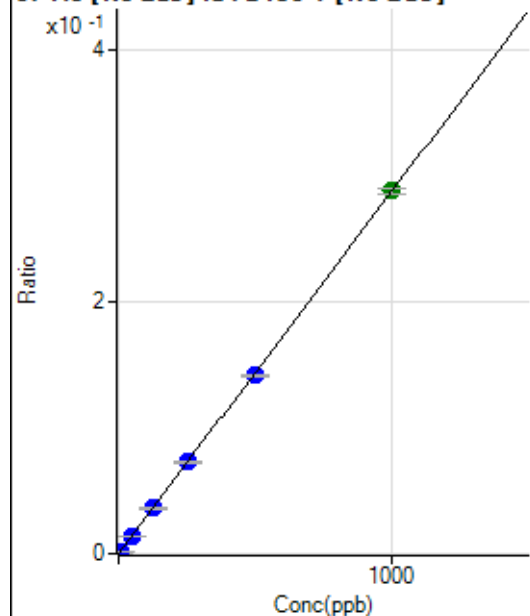
$$DL = 0.0378$$

$$BEC = 0.03764$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	37.1
2	☐	0.500					
3	☐	5.000	4.244	10151.48	0.0012	P	1.8
4	☐	50.000	49.377	118382.68	0.0142	P	1.1
5	☐	125.000	125.051	299328.85	0.0359	P	1.5
6	☐	250.000	252.765	620064.90	0.0726	P	0.7
7	☐	500.000	493.117	1245718.64	0.1417	P	1.4
8	☐	1000.000	1002.779	2492484.28	0.2881	A	1.6
9	☐			3597.88	0.0004	P	5.6

$$y = 2.8731\text{E-}004 * x + 1.5180\text{E-}005$$

$$R = 1.0000$$

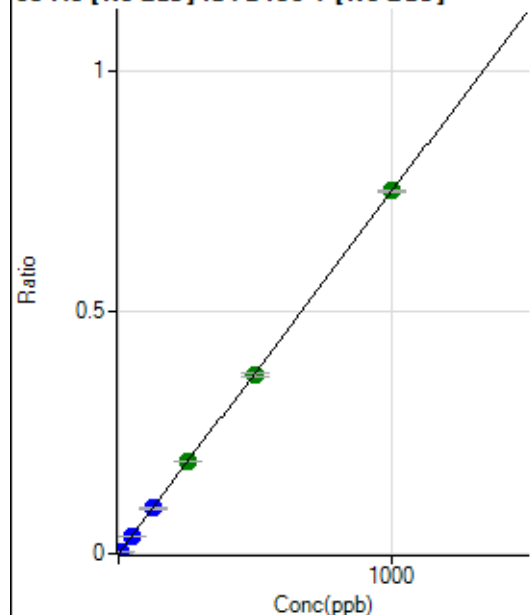
$$DL = 0.05881$$

$$BEC = 0.05283$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	38.5
2	☐	0.500					
3	☐	5.000	4.271	26454.59	0.0032	P	3.1
4	☐	50.000	49.516	309346.88	0.0371	P	0.9
5	☐	125.000	124.816	778776.68	0.0935	P	2.1
6	☐	250.000	256.235	1638772.85	0.1920	A	1.0
7	☐	500.000	493.218	3248501.98	0.3695	A	1.6
8	☐	1000.000	1001.883	6492845.28	0.7506	A	0.9
9	☐			9153.57	0.0011	P	3.7

$$y = 7.4913\text{E-}004 * x + 1.7547\text{E-}005$$

$$R = 0.9999$$

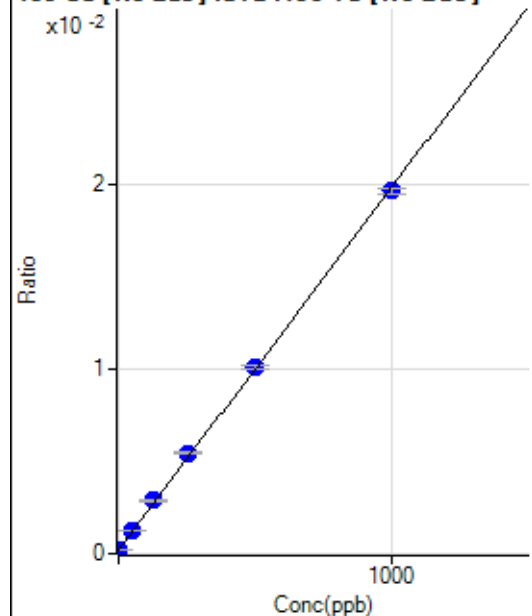
$$DL = 0.02708$$

$$BEC = 0.02342$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1928.03	0.0002	P	7.2
2	☐	0.100					
3	☐	1.000	1.354	2139.17	0.0002	P	2.4
4	☐	50.000	53.968	11822.34	0.0013	P	1.8
5	☐	125.000	136.758	27353.53	0.0029	P	2.5
6	☐	250.000	266.800	54087.21	0.0054	P	1.4
7	☐	500.000	506.084	107084.20	0.0101	P	2.4
8	☐	1000.000	991.090	211424.77	0.0196	P	1.5
9	☐			1978.04	0.0002	P	7.6

$$y = 1.9585\text{E-}005 * x + 2.0605\text{E-}004$$

$$R = 0.9998$$

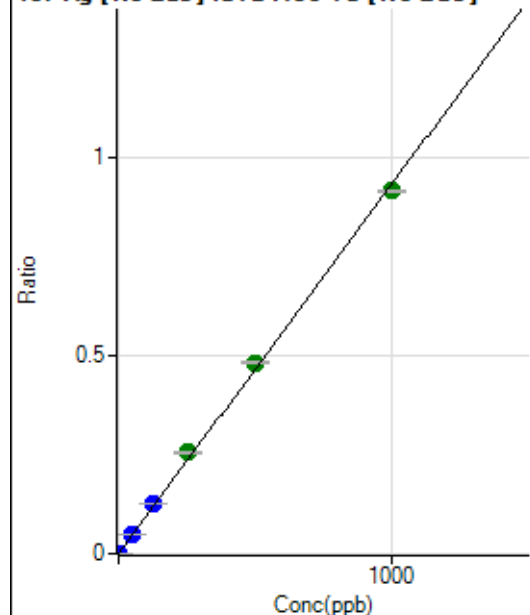
$$DL = 2.267$$

$$BEC = 10.52$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	6.1
2	☐	0.100					
3	☐	1.000	1.272	10999.43	0.0012	P	3.0
4	☐	50.000	54.660	477658.19	0.0510	P	0.1
5	☐	125.000	137.155	1214356.60	0.1280	P	1.1
6	☐	250.000	274.692	2553729.14	0.2564	A	1.1
7	☐	500.000	518.262	5121248.98	0.4838	A	1.5
8	☐	1000.000	982.943	9890063.24	0.9176	A	0.6
9	☐			1166.77	0.0001	P	9.7

$$y = 9.3350E-004 * x + 8.6088E-006$$

$$R = 0.9994$$

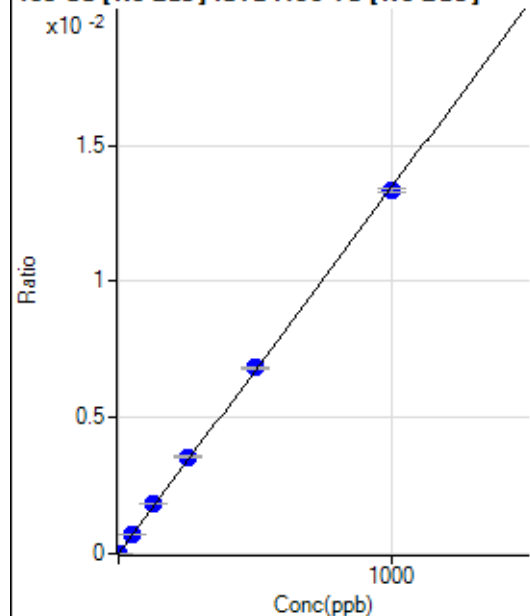
$$DL = 0.001692$$

$$BEC = 0.009222$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.66	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.979	137.50	0.0000	P	8.5
4	☐	50.000	52.859	6669.84	0.0007	P	1.4
5	☐	125.000	135.256	17269.71	0.0018	P	0.3
6	☐	250.000	264.789	35482.97	0.0036	P	1.4
7	☐	500.000	508.877	72468.50	0.0068	P	1.0
8	☐	1000.000	990.439	143589.27	0.0133	P	0.9
9	☐			36.11	0.0000	P	19.2

$$y = 1.3449E-005 * x + 1.7821E-006$$

$$R = 0.9998$$

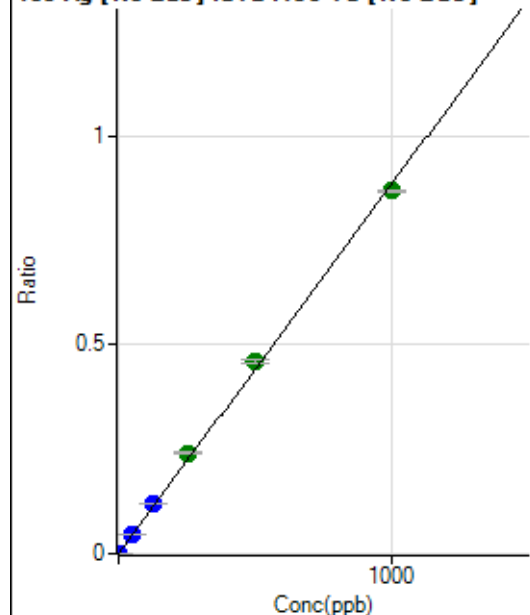
$$DL = 0.1729$$

$$BEC = 0.1325$$

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	50.00	0.0000	P	0.4
2	☐	0.100					
3	☐	1.000	1.287	10510.17	0.0011	P	3.1
4	☐	50.000	54.424	450160.85	0.0481	P	0.7
5	☐	125.000	137.497	1152422.44	0.1215	P	0.6
6	☐	250.000	273.298	2405128.98	0.2415	A	1.0
7	☐	500.000	519.922	4863033.22	0.4594	A	2.0
8	☐	1000.000	982.431	9357310.02	0.8681	A	0.4
9	☐			1047.31	0.0001	P	10.7

$$y = 8.8367\text{E-}004 * x + 5.3428\text{E-}006$$

$$R = 0.9994$$

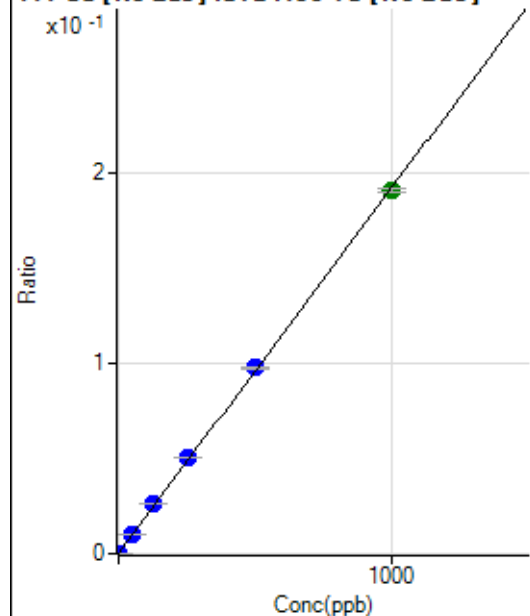
$$DL = 7.847\text{E-}05$$

$$BEC = 0.006046$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1361.57	0.0001	P	6.1
2	☐	0.100					
3	☐	1.000	0.940	2999.91	0.0003	P	3.8
4	☐	50.000	53.905	98267.37	0.0105	P	0.8
5	☐	125.000	134.067	245613.63	0.0259	P	0.8
6	☐	250.000	261.220	501139.68	0.0503	P	0.9
7	☐	500.000	507.221	1032779.77	0.0976	P	2.0
8	☐	1000.000	992.256	2055846.39	0.1907	A	1.0
9	☐			1666.30	0.0002	P	7.1

$$y = 1.9208\text{E-}004 * x + 1.4551\text{E-}004$$

$$R = 0.9999$$

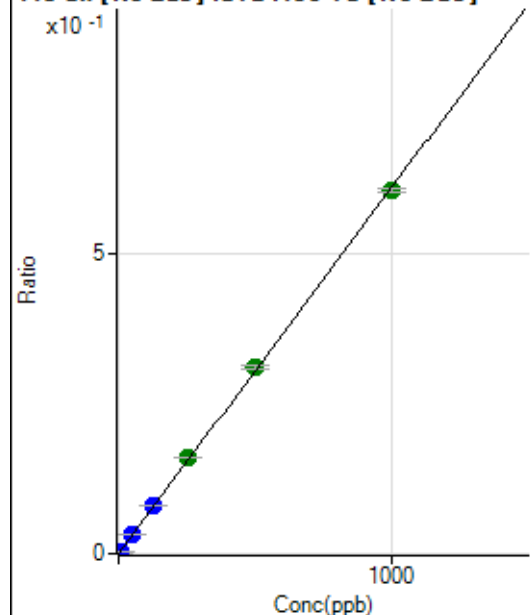
$$DL = 0.1392$$

$$BEC = 0.7575$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	805.62	0.0001	P	13.4
2	☐	0.500					
3	☐	5.000	4.592	26557.79	0.0029	P	1.8
4	☐	50.000	52.310	299468.77	0.0320	P	0.3
5	☐	125.000	131.550	761867.00	0.0803	P	1.4
6	☐	250.000	261.556	1589809.28	0.1596	A	0.9
7	☐	500.000	509.340	3289883.60	0.3108	A	1.4
8	☐	1000.000	991.509	6520045.85	0.6049	A	1.1
9	☐			5404.12	0.0005	P	2.8

$$y = 6.1002\text{E-}004 * x + 8.6106\text{E-}005$$

$$R = 0.9998$$

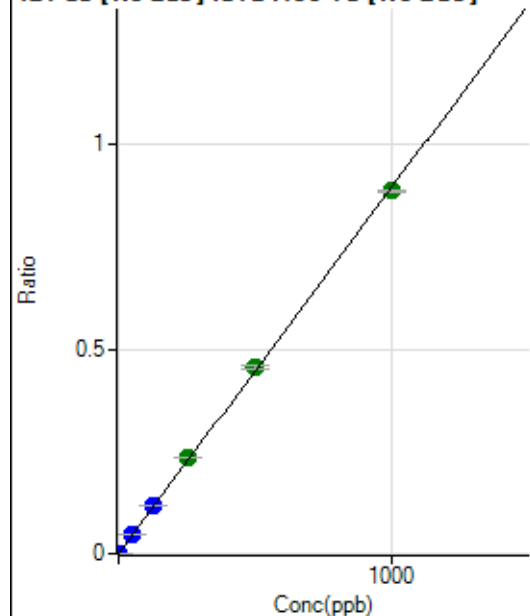
$$DL = 0.05685$$

$$BEC = 0.1412$$

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	47.22	0.0000	P	54.3
2	☐	0.200					
3	☐	2.000	1.825	15081.36	0.0016	P	0.4
4	☐	50.000	52.428	439459.55	0.0470	P	0.4
5	☐	125.000	131.655	1118178.15	0.1179	P	1.3
6	☐	250.000	262.874	2344315.22	0.2354	A	1.6
7	☐	500.000	509.516	4829582.71	0.4563	A	1.9
8	☐	1000.000	991.071	9565921.39	0.8875	A	0.5
9	☐			21671.21	0.0021	P	3.8

$$y = 8.9550\text{E-}004 * x + 5.0539\text{E-}006$$

$$R = 0.9998$$

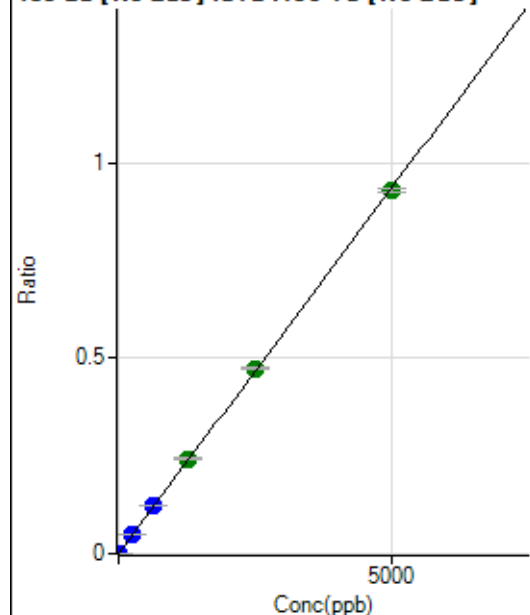
$$DL = 0.009201$$

$$BEC = 0.005644$$

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	86.12	0.0000	P	47.6
2	☐	1.000					
3	☐	10.000	9.273	16043.70	0.0017	P	3.1
4	☐	250.000	259.870	455163.87	0.0486	P	0.5
5	☐	625.000	651.387	1155984.68	0.1219	P	0.9
6	☐	1250.000	1300.220	2422815.61	0.2433	A	1.6
7	☐	2500.000	2538.765	5028471.55	0.4750	A	1.2
8	☐	5000.000	4964.272	10011194.67	0.9288	A	1.2
9	☐			3117.19	0.0003	P	6.0

$$y = 1.8710E-004 * x + 9.1996E-006$$

$$R = 0.9999$$

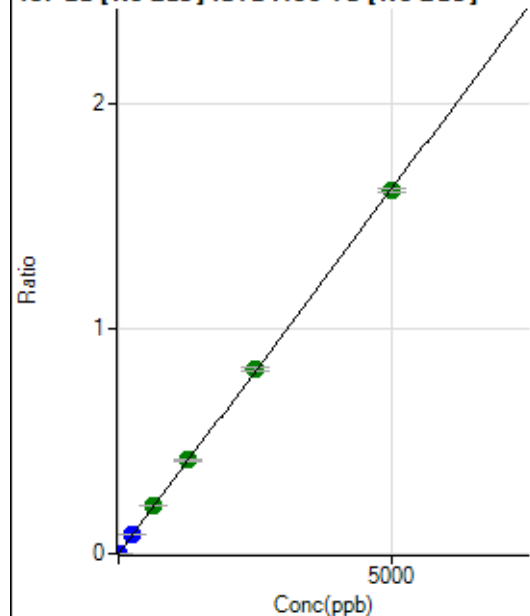
$$DL = 0.07022$$

$$BEC = 0.04917$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	50.4
2	☐	1.000					
3	☐	10.000	9.153	27354.30	0.0030	P	1.9
4	☐	250.000	261.627	793025.92	0.0847	P	0.4
5	☐	625.000	660.236	2027822.24	0.2138	A	0.8
6	☐	1250.000	1282.859	4137035.12	0.4154	A	1.3
7	☐	2500.000	2523.041	8648286.48	0.8170	A	1.8
8	☐	5000.000	4975.280	17364877.29	1.6111	A	1.1
9	☐			5506.99	0.0005	P	12.3

$$y = 3.2382E-004 * x + 9.7867E-006$$

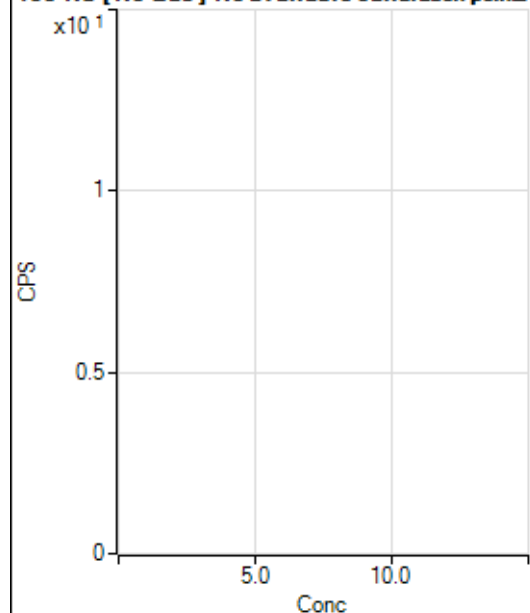
$$R = 0.9999$$

$$DL = 0.04574$$

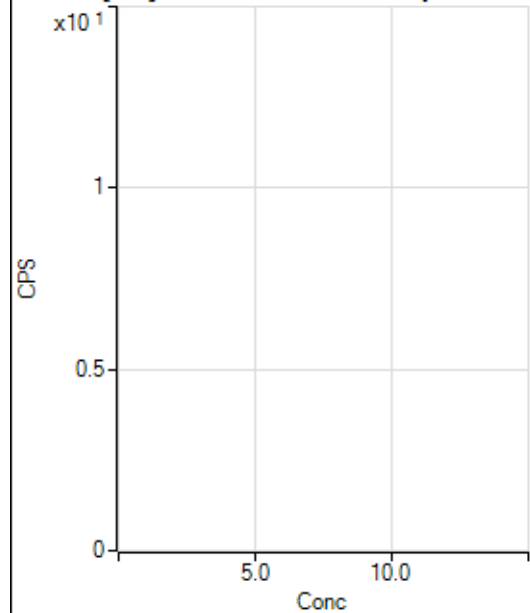
$$BEC = 0.03022$$

Weight: <None>

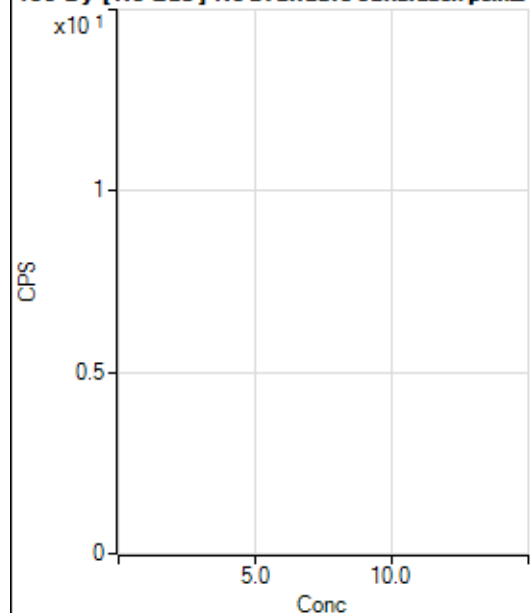
Min Conc: 0

150 Nd [No Gas] No available calibration points

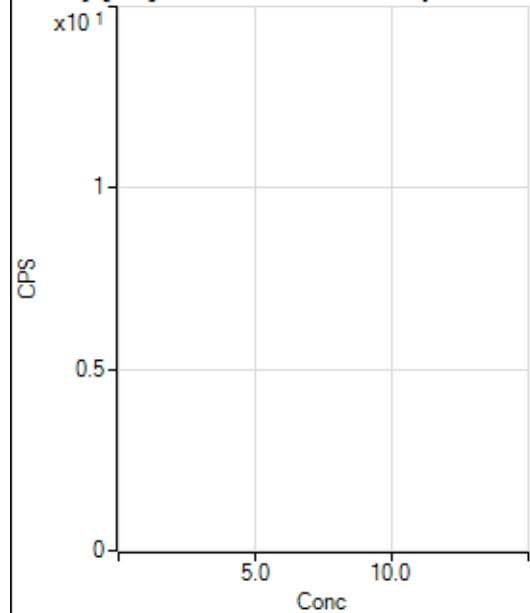
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	33.4
2	☐						
3	☐			24.44		P	41.7
4	☐			22.22		P	45.8
5	☐			62.22		P	27.0
6	☐			80.00		P	16.7
7	☐			162.23		P	14.4
8	☐			368.91		P	7.3
9	☐			122.23		P	31.0

150 Nd [He] No available calibration points

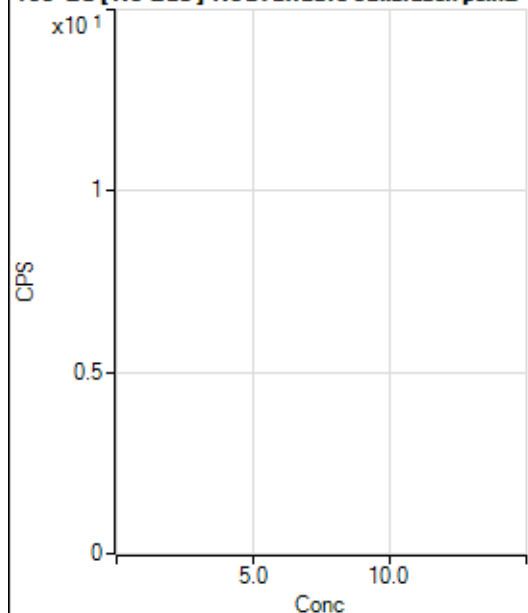
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			2.22		P	86.6
6	☐			1.11		P	173.2
7	☐			6.67		P	50.0
8	☐			5.56		P	91.6
9	☐			12.22		P	83.3

156 Dy [No Gas] No available calibration points

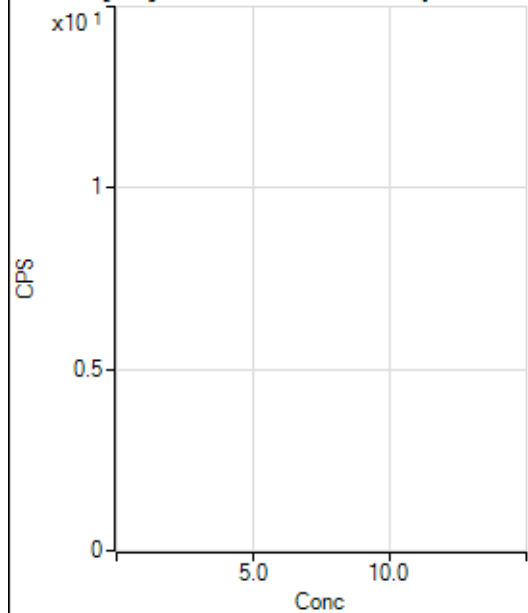
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	86.6
2	☐						
3	☐			8.33		P	100.0
4	☐			22.22		P	78.1
5	☐			33.34		P	66.1
6	☐			41.67		P	34.7
7	☐			61.11		P	39.4
8	☐			141.67		P	48.1
9	☐			94.45		P	51.7

156 Dy [He] No available calibration points

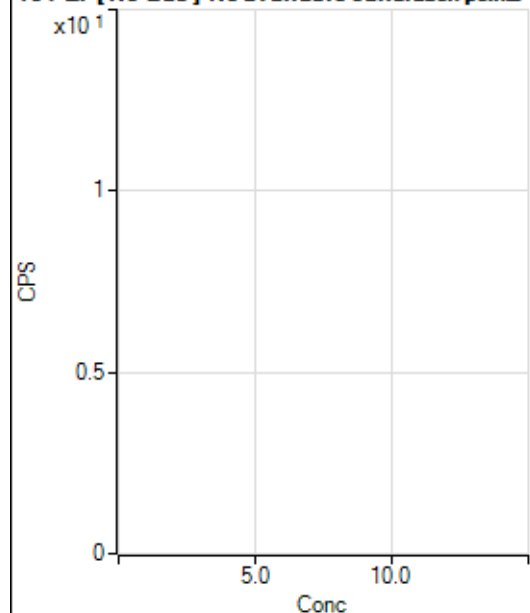
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.2
2	☐						
3	☐			4.45		P	86.6
4	☐			1.11		P	173.2
5	☐			2.22		P	86.6
6	☐			7.78		P	49.5
7	☐			11.11		P	45.8
8	☐			16.67		P	NaN
9	☐			10.00		P	33.3

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

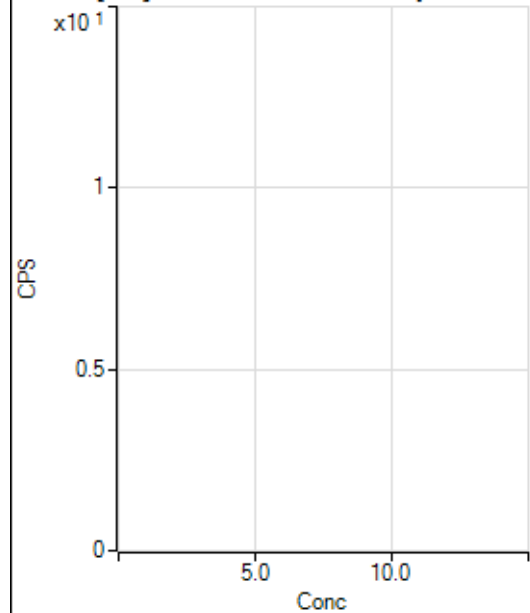
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	7.5
2	☐						
3	☐			127.78		P	26.4
4	☐			44.44		P	21.7
5	☐			77.78		P	34.4
6	☐			94.45		P	36.7
7	☐			125.01		P	24.0
8	☐			152.79		P	11.4
9	☐			113.89		P	52.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			5.55		P	124.9
4	☐			7.78		P	65.5
5	☐			12.22		P	31.5
6	☐			13.33		P	25.0
7	☐			21.11		P	18.2
8	☐			21.11		P	71.2
9	☐			15.56		P	53.9

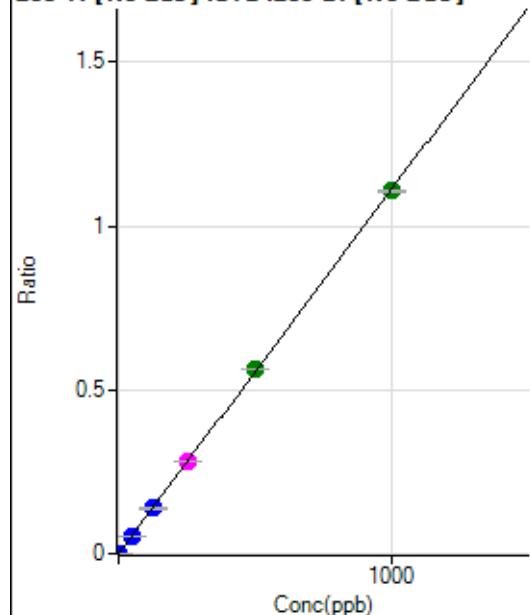
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	53.9
2	☐						
3	☐			50.00		P	28.9
4	☐			22.22		P	21.6
5	☐			36.12		P	58.1
6	☐			33.33		P	25.0
7	☐			36.11		P	58.1
8	☐			52.78		P	18.2
9	☐			58.33		P	51.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			14.44		P	13.4
4	☐			2.22		P	86.6
5	☐			4.44		P	43.4
6	☐			1.11		P	173.2
7	☐			4.44		P	43.4
8	☐			12.22		P	31.5
9	☐			14.44		P	35.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	11.2
2	☐	0.100					
3	☐	1.000	0.987	6037.84	0.0011	P	5.3
4	☐	50.000	49.191	303985.67	0.0547	P	1.2
5	☐	125.000	124.091	779638.88	0.1380	P	0.7
6	☐	250.000	251.864	1646478.17	0.2800	M	0.5
7	☐	500.000	507.084	3596943.36	0.5637	A	0.9
8	☐	1000.000	996.146	7300037.23	1.1073	A	0.8
9	☐			2786.54	0.0005	P	9.3

$$y = 0.0011 * x + 2.2042E-005$$

$$R = 1.0000$$

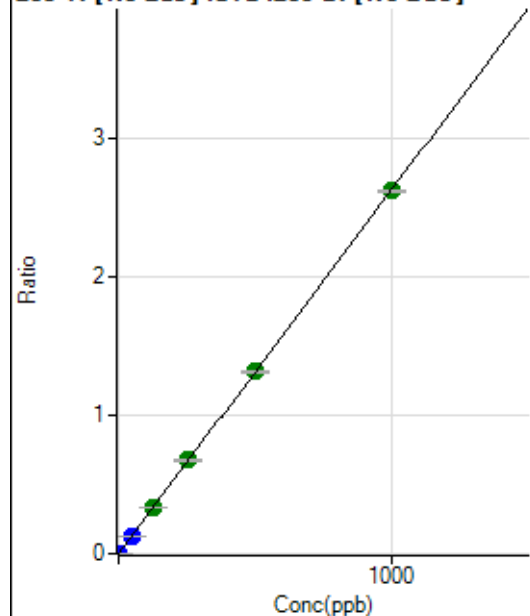
$$DL = 0.006656$$

$$BEC = 0.01983$$

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	236.13	0.0000	P	13.1
2	☐	0.100					
3	☐	1.000	0.929	13390.98	0.0025	P	0.5
4	☐	50.000	49.818	726587.20	0.1307	P	0.9
5	☐	125.000	126.407	1874492.38	0.3317	A	0.4
6	☐	250.000	256.676	3960328.30	0.6735	A	0.6
7	☐	500.000	501.364	8394075.10	1.3155	A	1.1
8	☐	1000.000	997.482	17253367.05	2.6171	A	0.7
9	☐			5987.81	0.0010	P	2.2

$$y = 0.0026 * x + 4.2583E-005$$

$$R = 1.0000$$

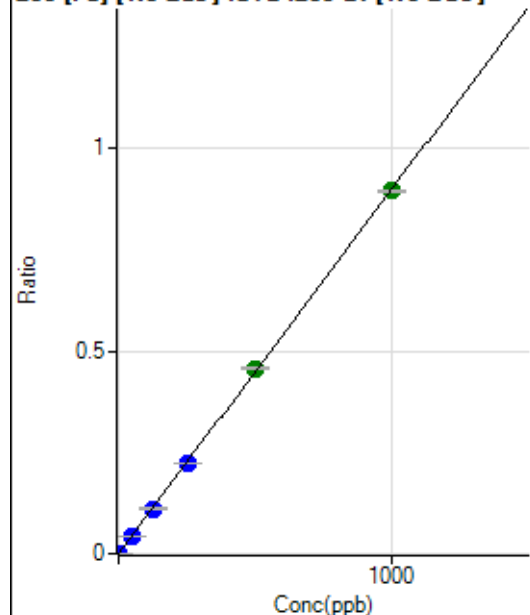
$$DL = 0.006401$$

$$BEC = 0.01623$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	529.66	0.0001	P	8.5
2	☐	0.100					
3	☐	1.000	1.070	5703.31	0.0011	P	5.9
4	☐	50.000	49.422	247306.65	0.0445	P	0.2
5	☐	125.000	123.959	629985.42	0.1115	P	0.8
6	☐	250.000	249.981	1321461.92	0.2247	P	0.5
7	☐	500.000	507.458	2910240.66	0.4561	A	1.0
8	☐	1000.000	996.435	5903371.43	0.8954	A	0.6
9	☐			9811.47	0.0016	P	4.8

$$y = 8.9855\text{E-}004 * x + 9.5446\text{E-}005$$

$$R = 1.0000$$

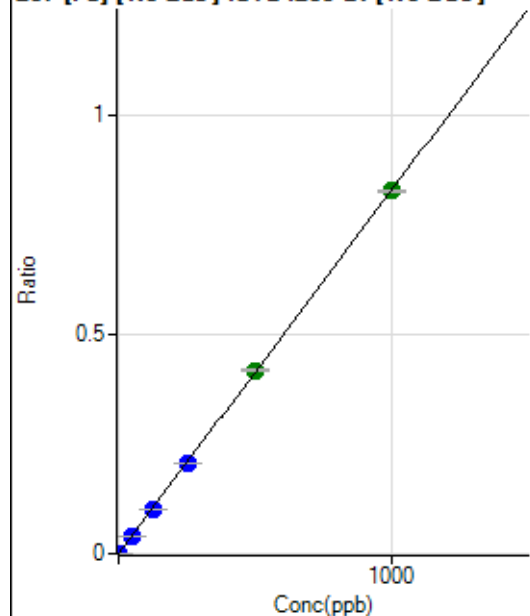
$$DL = 0.02712$$

$$BEC = 0.1062$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	446.32	0.0001	P	3.0
2	☐	0.100					
3	☐	1.000	1.069	5204.94	0.0010	P	2.1
4	☐	50.000	48.641	223958.45	0.0403	P	0.4
5	☐	125.000	122.360	572254.08	0.1013	P	0.6
6	☐	250.000	247.232	1202695.40	0.2045	P	0.8
7	☐	500.000	505.119	2665669.47	0.4178	A	1.4
8	☐	1000.000	998.530	5444024.77	0.8258	A	0.3
9	☐			8006.44	0.0013	P	7.4

$$y = 8.2691\text{E-}004 * x + 8.0439\text{E-}005$$

$$R = 1.0000$$

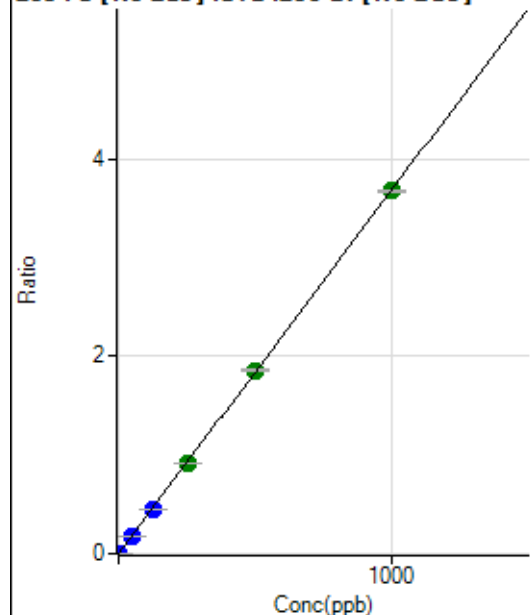
$$DL = 0.008612$$

$$BEC = 0.09728$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1977.91	0.0004	P	2.0
2	☐	0.100					
3	☐	1.000	1.092	23607.65	0.0044	P	1.6
4	☐	50.000	48.914	1001803.66	0.1803	P	0.5
5	☐	125.000	123.539	2570000.14	0.4548	P	0.7
6	☐	250.000	250.809	5427238.67	0.9229	A	0.3
7	☐	500.000	503.403	11817756.51	1.8520	A	1.0
8	☐	1000.000	998.333	24211811.65	3.6726	A	0.4
9	☐			38301.60	0.0063	P	4.0

$$y = 0.0037 * x + 3.5650E-004$$

$$R = 1.0000$$

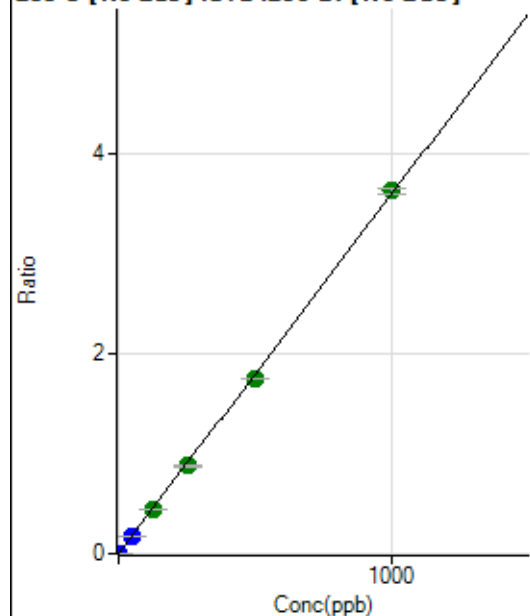
$$DL = 0.005955$$

$$BEC = 0.09692$$

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	180.56	0.0000	P	16.9
2	☐	0.100					
3	☐	1.000	0.813	15963.73	0.0030	P	2.3
4	☐	50.000	46.614	932304.60	0.1678	P	0.5
5	☐	125.000	121.504	2471038.01	0.4373	A	0.9
6	☐	250.000	243.354	5149638.53	0.8757	A	0.7
7	☐	500.000	486.823	11179045.91	1.7518	A	0.8
8	☐	1000.000	1008.856	23933932.13	3.6304	A	1.6
9	☐			2175.30	0.0004	P	1.2

$$y = 0.0036 * x + 3.2525E-005$$

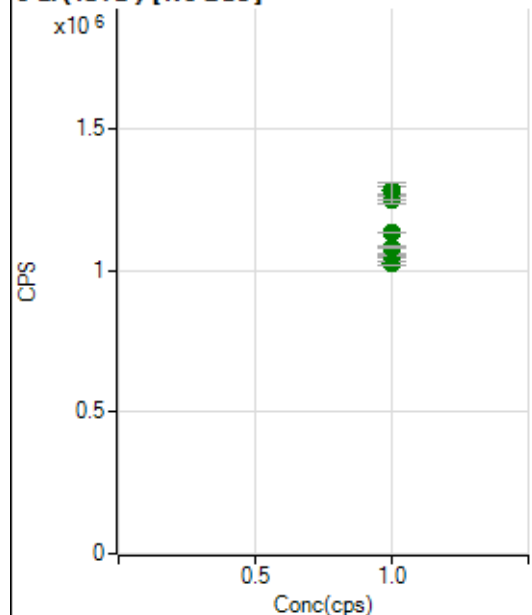
$$R = 0.9999$$

$$DL = 0.004588$$

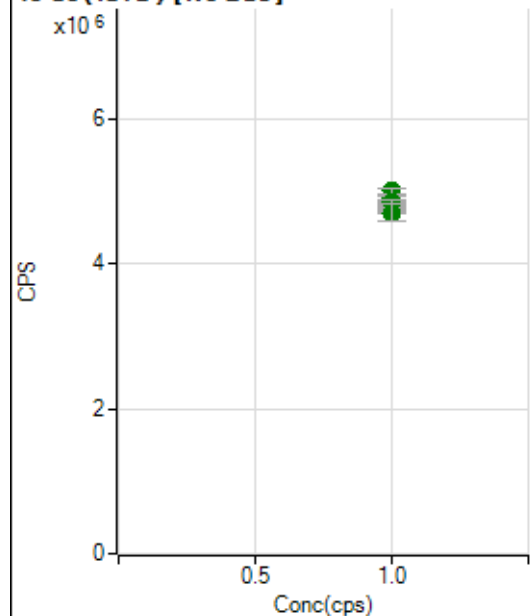
$$BEC = 0.009039$$

Weight: <None>

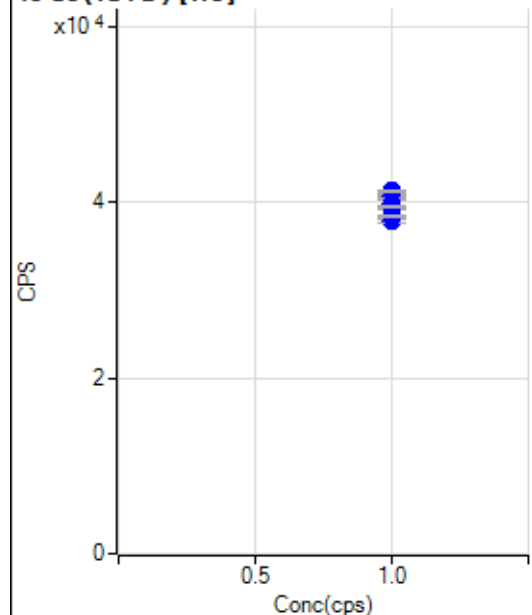
Min Conc: 0

6 Li (ISTD) [No Gas]

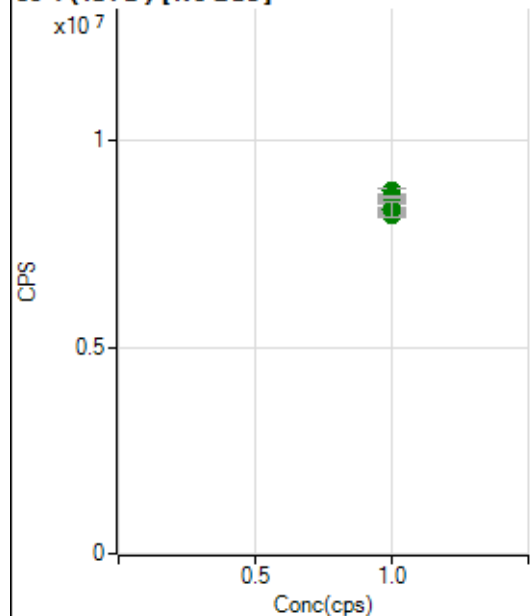
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1046594.76		A	0.6
2	☐	1.000					
3	☐	1.000		1024821.18		A	0.7
4	☐	1.000		1052214.45		A	0.7
5	☐	1.000		1082446.47		A	0.3
6	☐	1.000		1133443.25		A	0.6
7	☐	1.000		1248257.82		A	1.9
8	☐	1.000		1280410.77		A	2.1
9	☐	1.000		1280481.46		A	4.8

45 Sc (ISTD) [No Gas]

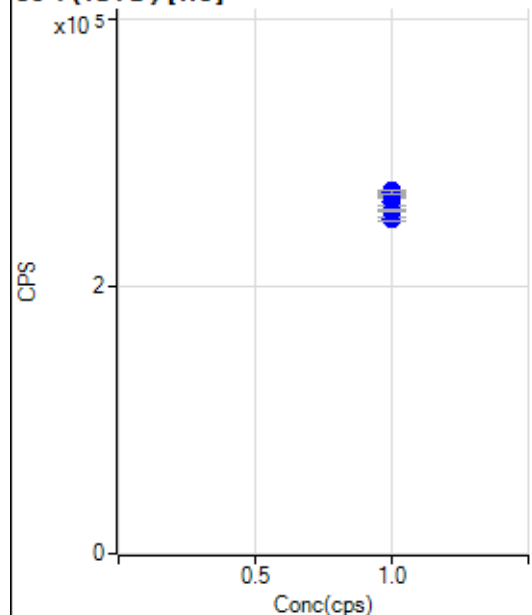
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4761657.53		A	1.2
2	☐	1.000					
3	☐	1.000		4699675.80		A	0.4
4	☐	1.000		4768663.74		A	1.0
5	☐	1.000		4792761.61		A	0.7
6	☐	1.000		4901401.06		A	1.3
7	☐	1.000		5008357.92		A	1.4
8	☐	1.000		4857604.15		A	0.7
9	☐	1.000		4708755.14		A	4.8

45 Sc (ISTD) [He]

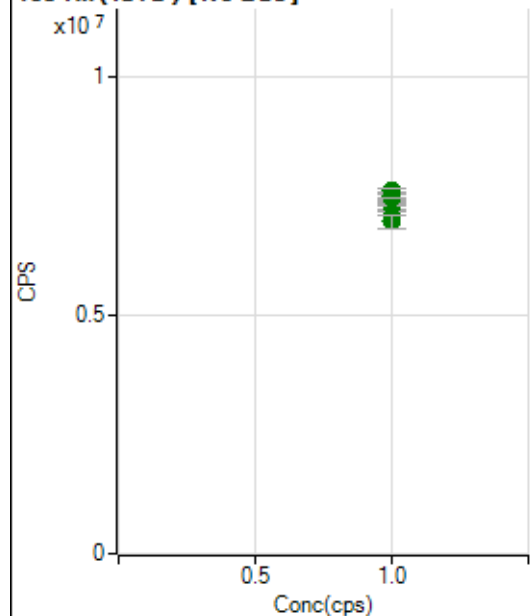
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		39855.72		P	3.7
2	☐	1.000					
3	☐	1.000		40566.44		P	1.3
4	☐	1.000		40782.69		P	0.7
5	☐	1.000		41146.99		P	1.1
6	☐	1.000		41333.04		P	0.3
7	☐	1.000		39501.03		P	0.6
8	☐	1.000		37875.53		P	0.8
9	☐	1.000		38359.11		P	0.6

89 Y (ISTD) [No Gas]

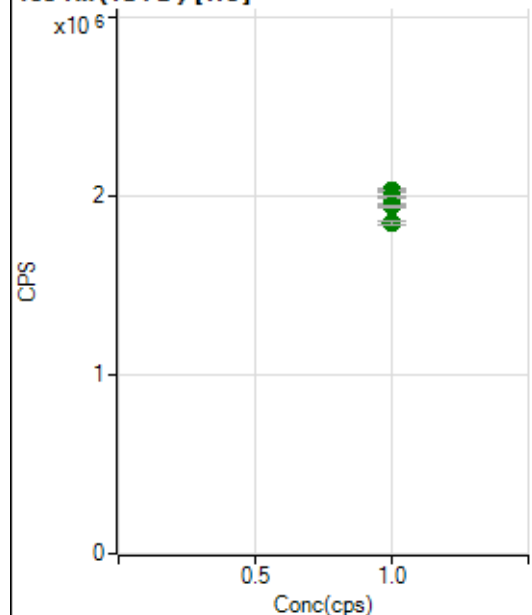
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8235404.32		A	0.2
2	☐	1.000					
3	☐	1.000		8223651.41		A	0.3
4	☐	1.000		8335860.78		A	0.6
5	☐	1.000		8329027.93		A	1.5
6	☐	1.000		8536959.04		A	1.1
7	☐	1.000		8792939.17		A	1.5
8	☐	1.000		8650969.11		A	0.6
9	☐	1.000		8340231.61		A	4.6

89 Y (ISTD) [He]

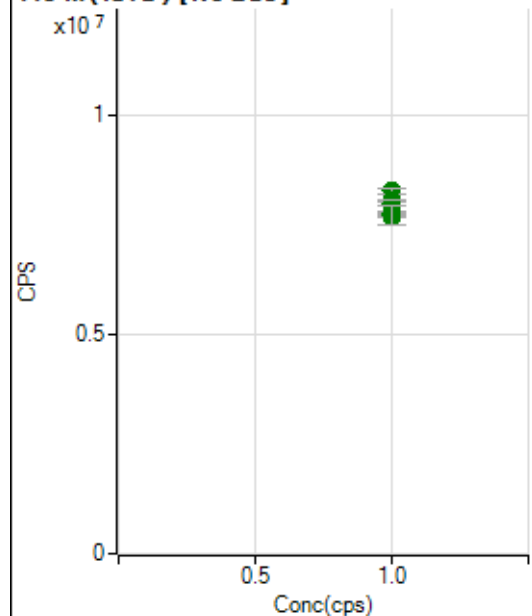
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		262199.74		P	3.7
2	☐	1.000					
3	☐	1.000		265459.84		P	0.1
4	☐	1.000		268692.35		P	0.7
5	☐	1.000		270985.78		P	0.9
6	☐	1.000		269553.61		P	1.2
7	☐	1.000		260042.23		P	0.1
8	☐	1.000		249980.75		P	0.7
9	☐	1.000		256179.08		P	0.8

103 Rh (ISTD) [No Gas]

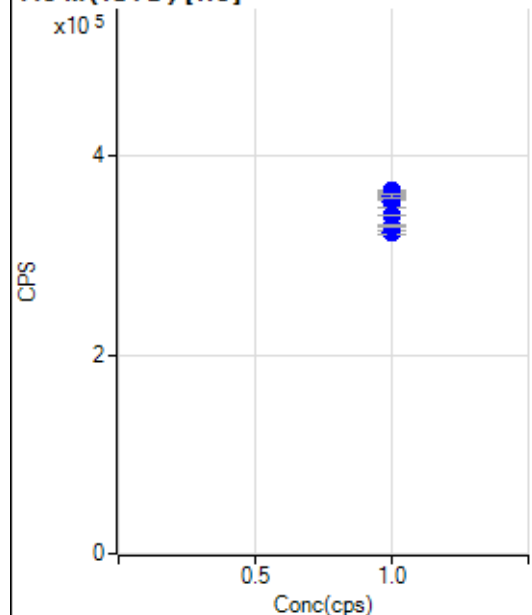
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7386004.51		A	1.0
2	☐	1.000					
3	☐	1.000		7210102.85		A	0.7
4	☐	1.000		7360676.47		A	0.3
5	☐	1.000		7312222.47		A	0.7
6	☐	1.000		7518193.05		A	1.8
7	☐	1.000		7605997.65		A	1.3
8	☐	1.000		7465303.20		A	0.3
9	☐	1.000		6955079.15		A	4.5

103 Rh (ISTD) [He]

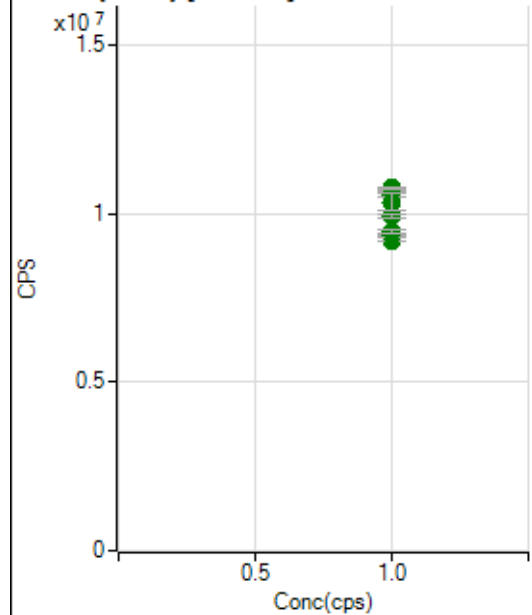
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2002553.40		A	3.9
2	☐	1.000					
3	☐	1.000		1995556.76		A	0.7
4	☐	1.000		2029947.61		A	0.8
5	☐	1.000		2031628.08		A	0.7
6	☐	1.000		2030324.12		A	0.8
7	☐	1.000		1998769.66		A	0.5
8	☐	1.000		1943973.74		A	0.6
9	☐	1.000		1855111.38		A	1.0

115 In (ISTD) [No Gas]

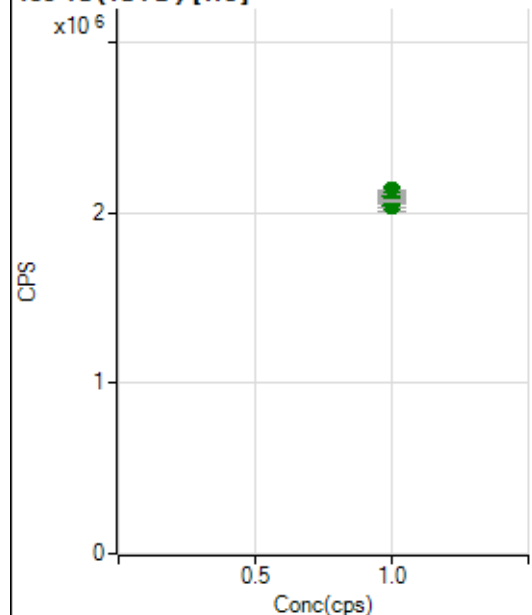
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7797849.57		A	0.4
2	☐	1.000					
3	☐	1.000		7660763.03		A	0.3
4	☐	1.000		7748969.89		A	0.8
5	☐	1.000		7757013.00		A	0.8
6	☐	1.000		7982994.70		A	1.2
7	☐	1.000		8268084.04		A	1.4
8	☐	1.000		8069549.15		A	0.4
9	☐	1.000		7721857.81		A	5.6

115 In (ISTD) [He]

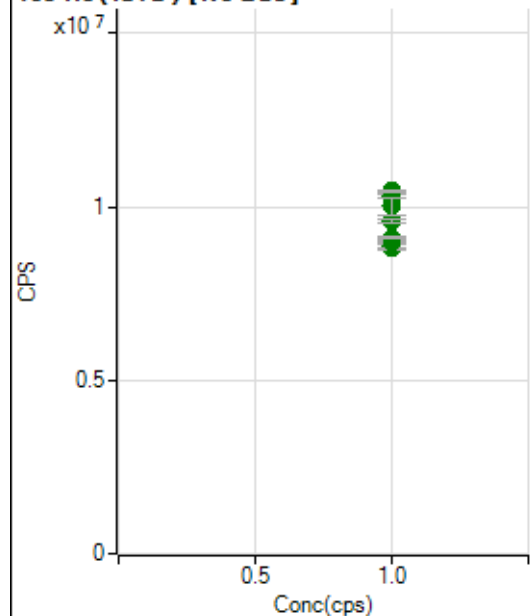
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		353501.45		P	3.2
2	☐	1.000					
3	☐	1.000		355666.10		P	0.3
4	☐	1.000		365019.76		P	0.8
5	☐	1.000		362547.38		P	1.1
6	☐	1.000		359846.80		P	0.9
7	☐	1.000		341124.34		P	0.1
8	☐	1.000		323583.89		P	1.0
9	☐	1.000		329798.13		P	0.4

159 Tb (ISTD) [No Gas]

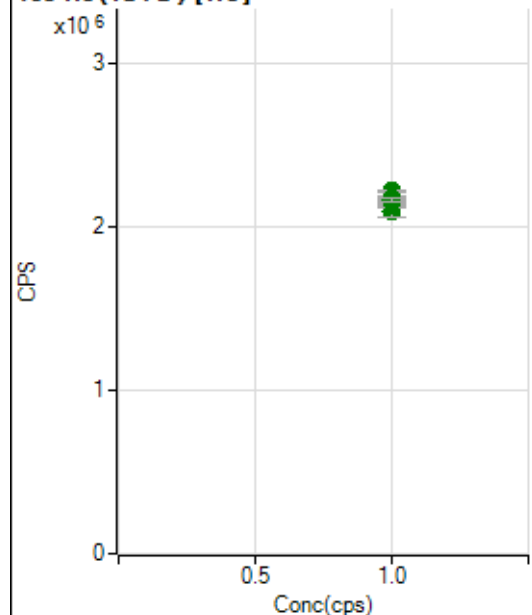
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9358478.26		A	0.4
2	☐	1.000					
3	☐	1.000		9198562.85		A	0.5
4	☐	1.000		9359591.39		A	0.9
5	☐	1.000		9484805.49		A	1.2
6	☐	1.000		9959322.08		A	1.1
7	☐	1.000		10587371.65		A	2.0
8	☐	1.000		10778550.53		A	0.5
9	☐	1.000		10358755.26		A	5.1

159 Tb (ISTD) [He]

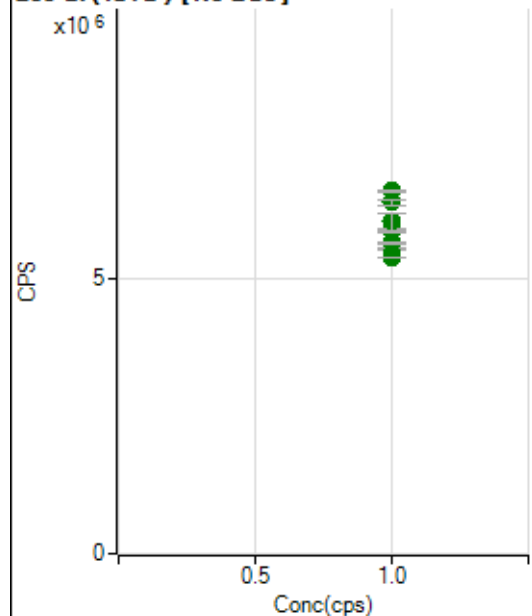
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2043434.35		A	3.9
2	☐	1.000					
3	☐	1.000		2055863.25		A	0.3
4	☐	1.000		2075415.19		A	0.9
5	☐	1.000		2107666.29		A	0.9
6	☐	1.000		2129775.39		A	0.6
7	☐	1.000		2098625.82		A	0.8
8	☐	1.000		2044707.57		A	1.3
9	☐	1.000		2071354.47		A	0.2

165 Ho (ISTD) [No Gas]

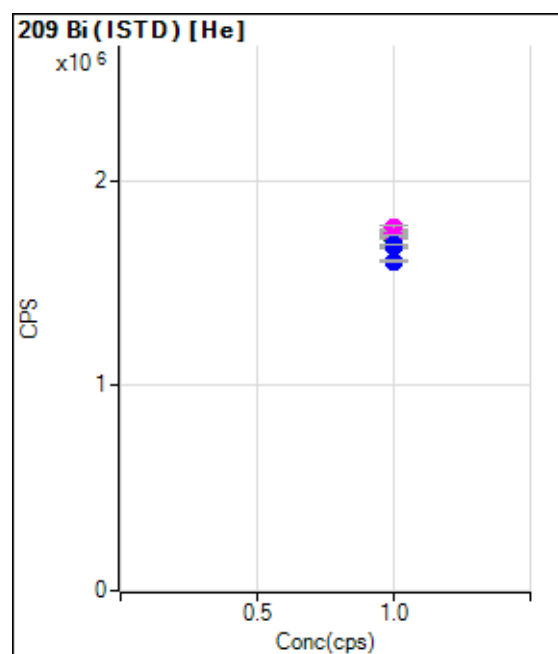
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8879422.25		A	1.0
2	☐	1.000					
3	☐	1.000		8799290.74		A	0.6
4	☐	1.000		8996427.89		A	0.7
5	☐	1.000		9112050.90		A	0.3
6	☐	1.000		9569354.03		A	1.3
7	☐	1.000		10304588.94		A	1.1
8	☐	1.000		10452977.93		A	0.7
9	☐	1.000		10007377.22		A	4.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2101789.27		A	3.7
2	☐	1.000					
3	☐	1.000		2127552.33		A	0.5
4	☐	1.000		2169156.83		A	0.7
5	☐	1.000		2179290.83		A	1.3
6	☐	1.000		2223048.82		A	0.5
7	☐	1.000		2176355.14		A	1.2
8	☐	1.000		2157173.11		A	1.0
9	☐	1.000		2167199.55		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5548554.36		A	0.9
2	☐	1.000					
3	☐	1.000		5396934.08		A	0.1
4	☐	1.000		5557087.76		A	0.6
5	☐	1.000		5651376.31		A	0.8
6	☐	1.000		5880644.29		A	1.0
7	☐	1.000		6381523.86		A	1.3
8	☐	1.000		6592744.62		A	0.9
9	☐	1.000		6042049.28		A	5.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1706310.55		A	4.2
2	☐	1.000					
3	☐	1.000		1676080.58		P	0.3
4	☐	1.000		1742447.72		M	2.2
5	☐	1.000		1722496.33		M	0.8
6	☐	1.000		1769661.17		M	1.3
7	☐	1.000		1730088.38		M	0.3
8	☐	1.000		1687291.03		P	0.2
9	☐	1.000		1607823.01		P	0.4

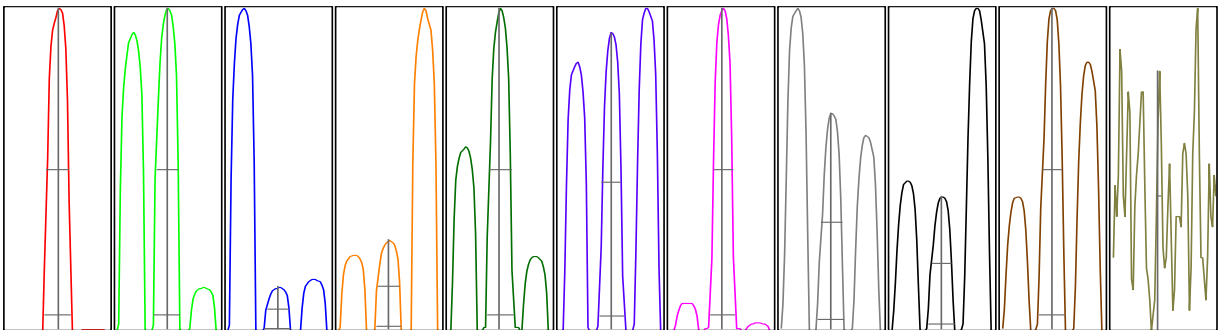
US EPA Tune Check Sample Report

Batch Folder D:\P8092017- MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8245	2.26	5.00	
24	60598	1.45	5.00	
25	8203	1.31	5.00	
26	9698	1.18	5.00	
59	98681	1.02	5.00	
113	12371	1.14	5.00	
115	156248	1.26	5.00	
206	31521	1.12	5.00	
207	28527	1.16	5.00	
208	68684	1.16	5.00	
220	1	17.17		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8285	8162	8426	7965	8386
24	60586	60978	61133	59090	61202
25	8193	8281	8261	8020	8262
26	9670	9824	9774	9525	9699
59	99134	100166	98461	97566	98079
113	12302	12622	12289	12330	12312
115	156581	159499	154951	155655	154553
206	31085	31721	31588	31255	31959
207	28155	28655	28668	28217	28939
208	67948	68869	69159	67785	69657
220	1	1	2	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	13414	9.05	8.9 - 9.1		0.781	0.900	
24	98614	24.00	23.9 - 24.1		0.742	0.900	
25	13177	25.00	24.9 - 25.1		0.747	0.900	
26	15746	26.00	25.9 - 26.1		0.741	0.900	
59	166984	59.00	58.9 - 59.1		0.782	0.900	
113	22829	113.05	112.9 - 113.1		0.730	0.900	
115	284777	115.05	114.9 - 115.1		0.731	0.900	
206	56628	206.00	205.9 - 206.1		0.774	0.900	
207	50699	207.00	206.9 - 207.1		0.776	0.900	
208	122135	208.00	207.9 - 208.1		0.779	0.900	
220	2	219.85	-				

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	10.3	V	Deflect	13.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12688	0.78	
89	2692	0.96	
205	17461	0.54	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12768	12780	12541	12709	12642
89	2715	2722	2678	2685	2660
205	17569	17539	17413	17446	17338

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	10.3	V	Deflect	2.2	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 11:53:30	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.84	1.61	-0.76	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.03	0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.08	-0.19	0.11	0.00	N/A	ppb
Boron	10-1	-0.21	-0.07	0.28	0.00	N/A	ppb
Cadmium	106-1	-0.87	0.51	0.35	0.00	N/A	ppb
Cadmium	108-1	-0.07	0.03	0.03	0.00	N/A	ppb
Cadmium	111-1	-0.05	0.03	0.02	0.00	N/A	ppb
Calcium	43-1	4.35	-3.41	-0.93	0.00	N/A	ppb
Calcium	44-1	-1.41	-2.25	3.66	0.00	N/A	ppb
Chromium	52-2	0.13	-0.13	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.02	0.03	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	0.04	-0.12	0.08	0.00	N/A	ppb
Iron	57-2	-0.23	-0.22	0.45	0.00	N/A	ppb
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.33	1.21	0.12	0.00	N/A	ppb
Manganese	55-2	0.04	-0.01	-0.03	0.00	N/A	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 11:53:30	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.02	0.02	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.06	0.06	0.00	N/A	ppb
Phosphorus	31-2	-0.49	-18.38	19.86	0.33	5834.03	ppb
Potassium	39-2	12.67	-8.78	-3.89	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.01	1.23	-0.22	0.00	N/A	ppb
Selenium	82-1	-0.35	-0.16	0.51	0.00	N/A	ppb
Silicon	28-1	-1.26	-1.01	2.27	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.58	-2.72	4.30	0.00	N/A	ppb
Strontium	86-1	-0.06	0.03	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-149.01	-13.18	262.95	33.58	625.06	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	0.03	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 11:53:30	DataFile Name :	002CALB.d

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

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:03:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.74	15.14	16.05	16.31	8.09	ppb
Antimony	121-1	1.83	1.83	1.82	1.83	0.37	ppb
Arsenic	75-2	0.89	0.94	0.86	0.90	4.87	ppb
Barium	135-1	9.19	9.04	9.59	9.27	3.07	ppb
Barium	137-1	9.28	9.23	8.95	9.15	1.92	ppb
Beryllium	9-1	0.89	1.03	0.97	0.96	7.10	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	11-1	22.64	23.14	22.20	22.66	2.07	ppb
Boron	10-1	21.82	22.05	20.43	21.44	4.09	ppb
Cadmium	106-1	1.50	1.03	1.53	1.35	20.64	ppb
Cadmium	108-1	1.05	0.87	1.01	0.98	9.60	ppb
Cadmium	111-1	0.90	0.90	1.01	0.94	6.86	ppb
Calcium	43-1	413.61	442.67	433.12	429.80	3.45	ppb
Calcium	44-1	435.45	427.55	432.03	431.68	0.92	ppb
Chromium	52-2	1.83	2.01	1.81	1.88	5.67	ppb
Cobalt	59-2	0.86	0.97	0.83	0.89	8.25	ppb
Copper	63-2	2.02	2.09	1.96	2.02	3.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	44.00	43.05	42.91	43.32	1.36	ppb
Iron	57-2	43.06	39.78	44.40	42.41	5.60	ppb
Lead	206-1	1.11	1.11	0.99	1.07	6.47	ppb
Lead	207-1	1.08	1.09	1.04	1.07	2.28	ppb
Lead	208-1	1.11	1.09	1.07	1.09	1.71	ppb
Lithium	6-1				98		%
Magnesium	24-2	441.10	437.92	418.04	432.35	2.89	ppb
Manganese	55-2	0.89	1.04	0.87	0.94	10.04	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:03:34	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.41	4.14	4.26	4.27	3.09	ppb
Molybdenum	94-1	1.98	1.88	1.85	1.90	3.52	ppb
Molybdenum	95-1	4.04	4.26	4.12	4.14	2.69	ppb
Molybdenum	96-1	3.78	3.63	3.67	3.69	2.10	ppb
Molybdenum	97-1	4.25	4.16	4.32	4.24	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.82	0.78	0.87	14.73	ppb
Phosphorus	31-2	-18.38	35.79	-18.38	-0.33		ppb
Potassium	39-2	440.84	434.75	423.29	432.96	2.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	8.72	0.00	21.76	10.16	107.77	ppb
Selenium	78-2	-0.26	5.02	2.00	2.25	117.49	ppb
Selenium	82-1	4.56	2.94	4.54	4.01	23.07	ppb
Silicon	28-1	11.57	12.84	11.29	11.90	6.96	ppb
Silver	109-1	1.24	1.31	1.31	1.29	3.07	ppb
Silver	107-1	1.31	1.26	1.24	1.27	2.98	ppb
Sodium	23-2	423.11	424.51	420.09	422.57	0.54	ppb
Strontium	86-1	0.89	0.84	0.91	0.88	4.26	ppb
Strontium	88-1	0.86	0.92	0.90	0.89	3.38	ppb
Sulfur	34-1	-10.30	-62.11	-28.34	-33.58		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.92	1.02	1.01	0.99	5.46	ppb
Thallium	205-1	0.93	0.93	0.93	0.93	0.47	ppb
Tin	118-1	4.67	4.61	4.50	4.59	1.84	ppb
Titanium	47-1	4.27	4.32	4.02	4.21	3.87	ppb
Uranium	238-1	0.80	0.80	0.83	0.81	2.35	ppb
Vanadium	51-2	4.54	4.16	4.24	4.31	4.61	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2.17	2.01	1.73	1.97	11.33	ppb
Zirconium	90-1	0.84	0.82	0.83	0.83	1.29	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:03:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.82	0.76	0.90	0.83	8.43	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:07:03	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	930.81	932.05	936.78	933.21	0.34	ppb
Antimony	121-1	52.23	52.38	52.68	52.43	0.43	ppb
Arsenic	75-2	49.71	50.16	48.89	49.58	1.30	ppb
Barium	135-1	258.39	260.66	260.56	259.87	0.49	ppb
Barium	137-1	260.33	261.94	262.61	261.63	0.45	ppb
Beryllium	9-1	53.80	53.27	53.33	53.47	0.54	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	11-1	51.06	51.71	53.48	52.09	2.40	ppb
Boron	10-1	52.38	48.91	49.75	50.35	3.59	ppb
Cadmium	106-1	54.59	54.68	52.63	53.97	2.14	ppb
Cadmium	108-1	52.82	52.15	53.61	52.86	1.38	ppb
Cadmium	111-1	53.52	53.86	54.33	53.90	0.76	ppb
Calcium	43-1	4858.69	4876.28	4943.24	4892.73	0.91	ppb
Calcium	44-1	4949.82	4973.38	4974.14	4965.78	0.28	ppb
Chromium	52-2	54.46	54.80	55.31	54.86	0.78	ppb
Cobalt	59-2	50.65	49.72	50.46	50.28	0.98	ppb
Copper	63-2	99.97	99.38	99.99	99.78	0.35	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				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	2604.41	2574.16	2598.60	2592.39	0.62	ppb
Iron	57-2	2498.89	2491.12	2586.99	2525.67	2.11	ppb
Lead	206-1	49.54	49.35	49.37	49.42	0.21	ppb
Lead	207-1	48.84	48.64	48.44	48.64	0.42	ppb
Lead	208-1	49.12	48.95	48.67	48.91	0.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	4879.21	4876.02	4922.20	4892.48	0.53	ppb
Manganese	55-2	103.08	101.79	102.18	102.35	0.65	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:07:03	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	49.21	50.02	49.32	49.52	0.89	ppb
Molybdenum	94-1	48.60	49.49	48.92	49.00	0.91	ppb
Molybdenum	95-1	48.66	49.47	49.04	49.05	0.83	ppb
Molybdenum	96-1	48.62	49.57	48.60	48.93	1.13	ppb
Molybdenum	97-1	49.46	49.86	48.80	49.38	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.22	54.05	54.07	53.78	0.90	ppb
Phosphorus	31-2	988.70	1312.94	843.53	1048.39	22.92	ppb
Potassium	39-2	2552.54	2581.34	2518.67	2550.85	1.23	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	21.64	51.26	64.70	45.86	48.03	ppb
Selenium	78-2	42.43	50.74	43.77	45.65	9.77	ppb
Selenium	82-1	49.71	51.65	49.95	50.43	2.10	ppb
Silicon	28-1	67.88	70.96	68.35	69.06	2.40	ppb
Silver	109-1	54.08	54.39	54.80	54.42	0.66	ppb
Silver	107-1	54.72	54.62	54.65	54.66	0.09	ppb
Sodium	23-2	4891.09	4846.80	4933.40	4890.43	0.89	ppb
Strontium	86-1	49.35	49.38	49.22	49.31	0.17	ppb
Strontium	88-1	49.79	50.31	49.92	50.01	0.54	ppb
Sulfur	34-1	1286.58	1359.47	1379.89	1341.98	3.65	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	48.97	49.88	48.72	49.19	1.25	ppb
Thallium	205-1	49.52	50.31	49.62	49.82	0.85	ppb
Tin	118-1	52.33	52.15	52.45	52.31	0.29	ppb
Titanium	47-1	48.87	49.90	50.59	49.79	1.73	ppb
Uranium	238-1	46.80	46.68	46.35	46.61	0.50	ppb
Vanadium	51-2	49.98	50.04	49.39	49.80	0.71	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	101.23	99.85	101.20	100.76	0.78	ppb
Zirconium	90-1	48.50	49.28	48.40	48.73	0.99	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:07:03	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.43	49.56	48.72	48.90	1.21	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:10:31	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2321.81	2469.35	2426.60	2405.92	3.16	ppb
Antimony	121-1	129.77	132.36	132.84	131.66	1.25	ppb
Arsenic	75-2	124.51	124.96	127.29	125.59	1.18	ppb
Barium	135-1	644.70	654.43	655.03	651.39	0.89	ppb
Barium	137-1	654.28	662.81	663.62	660.24	0.78	ppb
Beryllium	9-1	131.46	133.22	132.48	132.39	0.66	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	11-1	127.57	128.71	129.65	128.64	0.81	ppb
Boron	10-1	130.23	123.37	129.03	127.54	2.87	ppb
Cadmium	106-1	132.46	139.35	138.46	136.76	2.74	ppb
Cadmium	108-1	134.73	135.45	135.59	135.26	0.34	ppb
Cadmium	111-1	133.00	133.95	135.26	134.07	0.85	ppb
Calcium	43-1	12235.44	12132.29	12374.05	12247.26	0.99	ppb
Calcium	44-1	12266.53	12200.39	12519.56	12328.83	1.37	ppb
Chromium	52-2	136.75	137.87	137.88	137.50	0.47	ppb
Cobalt	59-2	124.97	124.16	126.02	125.05	0.75	ppb
Copper	63-2	248.10	246.25	250.21	248.19	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	6438.43	6412.81	6540.31	6463.85	1.04	ppb
Iron	57-2	6342.93	6301.99	6365.03	6336.65	0.50	ppb
Lead	206-1	122.88	124.94	124.06	123.96	0.83	ppb
Lead	207-1	121.65	123.09	122.35	122.36	0.59	ppb
Lead	208-1	122.53	124.18	123.91	123.54	0.72	ppb
Lithium	6-1				103		%
Magnesium	24-2	12136.02	12252.54	12401.63	12263.40	1.09	ppb
Manganese	55-2	252.14	251.31	256.66	253.37	1.13	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:10:31	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	125.60	121.87	126.98	124.82	2.12	ppb
Molybdenum	94-1	126.03	122.44	125.89	124.79	1.63	ppb
Molybdenum	95-1	124.99	123.22	127.13	125.11	1.57	ppb
Molybdenum	96-1	123.92	121.91	125.19	123.67	1.34	ppb
Molybdenum	97-1	124.89	123.22	127.05	125.05	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.67	132.46	133.84	133.66	0.83	ppb
Phosphorus	31-2	2506.10	2851.78	2854.82	2737.57	7.32	ppb
Potassium	39-2	6176.08	6307.95	6387.60	6290.54	1.70	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	114.51	110.55	142.23	122.43	14.10	ppb
Selenium	78-2	118.63	136.59	127.29	127.51	7.04	ppb
Selenium	82-1	130.02	126.88	128.08	128.33	1.23	ppb
Silicon	28-1	133.66	133.47	133.46	133.53	0.08	ppb
Silver	109-1	136.49	137.88	138.12	137.50	0.64	ppb
Silver	107-1	135.59	137.25	138.63	137.16	1.11	ppb
Sodium	23-2	12140.50	12183.90	12368.85	12231.09	0.99	ppb
Strontium	86-1	126.03	124.04	125.63	125.23	0.84	ppb
Strontium	88-1	127.66	126.17	128.06	127.30	0.78	ppb
Sulfur	34-1	3283.00	3202.53	3434.30	3306.61	3.56	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	123.11	124.80	124.36	124.09	0.71	ppb
Thallium	205-1	125.88	126.82	126.52	126.41	0.38	ppb
Tin	118-1	129.63	131.59	133.43	131.55	1.44	ppb
Titanium	47-1	125.28	124.41	125.79	125.16	0.56	ppb
Uranium	238-1	120.80	120.90	122.80	121.50	0.93	ppb
Vanadium	51-2	121.09	123.73	125.23	123.35	1.70	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	250.79	247.94	257.37	252.03	1.92	ppb
Zirconium	90-1	127.30	123.85	125.85	125.67	1.38	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:10:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.84	122.20	124.39	123.81	1.14	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:13:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4796.55	4762.09	4873.15	4810.60	1.18	ppb
Antimony	121-1	259.89	267.68	261.06	262.87	1.60	ppb
Arsenic	75-2	254.10	252.26	254.68	253.68	0.50	ppb
Barium	135-1	1278.84	1320.92	1300.89	1300.22	1.62	ppb
Barium	137-1	1277.23	1301.11	1270.24	1282.86	1.26	ppb
Beryllium	9-1	260.79	264.40	262.64	262.61	0.69	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	254.45	256.94	261.43	257.61	1.37	ppb
Boron	10-1	246.76	258.59	263.29	256.22	3.32	ppb
Cadmium	106-1	263.83	271.29	265.28	266.80	1.48	ppb
Cadmium	108-1	260.67	268.10	265.60	264.79	1.43	ppb
Cadmium	111-1	259.30	263.99	260.37	261.22	0.94	ppb
Calcium	43-1	24555.30	24774.70	24460.54	24596.85	0.66	ppb
Calcium	44-1	24576.54	24863.94	24288.71	24576.40	1.17	ppb
Chromium	52-2	273.87	274.74	275.01	274.54	0.22	ppb
Cobalt	59-2	248.70	247.65	250.36	248.91	0.55	ppb
Copper	63-2	495.04	495.96	496.90	495.97	0.19	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				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	12803.25	12625.82	12735.41	12721.49	0.70	ppb
Iron	57-2	12803.78	12561.60	12570.70	12645.36	1.09	ppb
Lead	206-1	248.65	251.32	249.97	249.98	0.53	ppb
Lead	207-1	245.16	249.15	247.38	247.23	0.81	ppb
Lead	208-1	251.44	250.93	250.05	250.81	0.28	ppb
Lithium	6-1				108		%
Magnesium	24-2	24689.04	24594.21	24919.93	24734.39	0.68	ppb
Manganese	55-2	507.73	503.52	501.09	504.11	0.67	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:13:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	255.02	259.21	254.47	256.23	1.01	ppb
Molybdenum	94-1	252.49	258.99	251.77	254.42	1.56	ppb
Molybdenum	95-1	248.16	250.36	248.63	249.05	0.47	ppb
Molybdenum	96-1	246.56	251.97	245.89	248.14	1.34	ppb
Molybdenum	97-1	253.14	254.37	250.79	252.77	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.62	267.64	268.90	267.39	0.62	ppb
Phosphorus	31-2	5118.91	5282.75	4977.21	5126.29	2.98	ppb
Potassium	39-2	12550.15	12693.64	12631.83	12625.21	0.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	251.04	273.09	226.19	250.11	9.38	ppb
Selenium	78-2	260.41	272.97	264.73	266.04	2.40	ppb
Selenium	82-1	256.47	255.06	249.78	253.77	1.39	ppb
Silicon	28-1	260.89	267.62	260.33	262.95	1.54	ppb
Silver	109-1	272.27	276.26	271.36	273.30	0.95	ppb
Silver	107-1	272.97	278.23	272.87	274.69	1.12	ppb
Sodium	23-2	25033.75	24985.25	24916.69	24978.56	0.24	ppb
Strontium	86-1	250.52	251.10	246.49	249.37	1.01	ppb
Strontium	88-1	250.18	256.36	247.60	251.38	1.79	ppb
Sulfur	34-1	6115.87	6283.67	5846.81	6082.12	3.62	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	252.69	252.51	250.40	251.86	0.51	ppb
Thallium	205-1	257.41	257.63	254.99	256.68	0.57	ppb
Tin	118-1	261.27	264.13	259.27	261.56	0.93	ppb
Titanium	47-1	254.19	251.02	247.36	250.86	1.36	ppb
Uranium	238-1	243.66	244.82	241.58	243.35	0.68	ppb
Vanadium	51-2	248.83	250.70	248.86	249.46	0.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	496.78	506.25	498.17	500.40	1.02	ppb
Zirconium	90-1	250.73	253.07	248.48	250.76	0.91	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:13:54	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	250.40	253.41	249.63	251.15	0.80	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:17:12	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9668.75	9660.98	9788.98	9706.24	0.74	ppb
Antimony	121-1	510.95	518.65	498.94	509.52	1.95	ppb
Arsenic	75-2	507.05	509.57	501.13	505.92	0.86	ppb
Barium	135-1	2535.46	2571.65	2509.18	2538.77	1.24	ppb
Barium	137-1	2522.72	2568.61	2477.80	2523.04	1.80	ppb
Beryllium	9-1	505.78	508.48	496.98	503.75	1.19	ppb
Bismuth	209-1				115		%
Bismuth	209-2				101		%
Boron	11-1	492.81	501.80	498.93	497.85	0.92	ppb
Boron	10-1	495.41	503.33	490.56	496.44	1.30	ppb
Cadmium	106-1	512.02	514.23	492.00	506.08	2.42	ppb
Cadmium	108-1	508.74	513.86	504.03	508.88	0.97	ppb
Cadmium	111-1	512.30	513.56	495.80	507.22	1.95	ppb
Calcium	43-1	49304.52	48522.93	47805.98	48544.48	1.54	ppb
Calcium	44-1	49189.62	48945.94	47766.96	48634.17	1.56	ppb
Chromium	52-2	499.49	494.93	492.68	495.70	0.70	ppb
Cobalt	59-2	503.56	508.58	501.06	504.40	0.76	ppb
Copper	63-2	1008.24	1017.39	1008.30	1011.31	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	25466.38	25369.53	25182.50	25339.47	0.57	ppb
Iron	57-2	25287.75	25634.25	25255.98	25392.66	0.83	ppb
Lead	206-1	504.40	513.38	504.59	507.46	1.01	ppb
Lead	207-1	507.58	510.71	497.08	505.12	1.41	ppb
Lead	208-1	504.03	508.30	497.87	503.40	1.04	ppb
Lithium	6-1				119		%
Magnesium	24-2	51192.78	50734.18	50824.71	50917.22	0.48	ppb
Manganese	55-2	1006.83	1012.67	995.47	1004.99	0.87	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:17:12	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	496.07	499.06	484.52	493.22	1.56	ppb
Molybdenum	94-1	499.00	502.39	489.42	496.94	1.35	ppb
Molybdenum	95-1	507.75	500.55	495.97	501.42	1.18	ppb
Molybdenum	96-1	499.73	503.31	492.85	498.63	1.07	ppb
Molybdenum	97-1	495.32	498.54	485.49	493.12	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.88	507.32	494.15	502.79	1.49	ppb
Phosphorus	31-2	10589.39	10435.07	9343.05	10122.50	6.71	ppb
Potassium	39-2	25035.09	24999.40	24602.32	24878.94	0.97	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	501.95	565.14	511.68	526.26	6.47	ppb
Selenium	78-2	497.94	538.10	525.72	520.58	3.95	ppb
Selenium	82-1	504.37	510.21	495.18	503.25	1.50	ppb
Silicon	28-1	519.61	512.60	503.87	512.03	1.54	ppb
Silver	109-1	524.91	526.98	507.87	519.92	2.02	ppb
Silver	107-1	520.93	524.15	509.71	518.26	1.46	ppb
Sodium	23-2	50479.25	50207.26	49578.44	50088.32	0.92	ppb
Strontium	86-1	497.98	494.84	484.33	492.38	1.45	ppb
Strontium	88-1	493.62	498.59	486.49	492.90	1.23	ppb
Sulfur	34-1	11984.04	11815.38	11332.53	11710.65	2.89	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	508.10	510.98	502.18	507.08	0.88	ppb
Thallium	205-1	497.68	507.58	498.83	501.36	1.08	ppb
Tin	118-1	514.31	512.76	500.95	509.34	1.44	ppb
Titanium	47-1	494.91	495.47	493.17	494.52	0.24	ppb
Uranium	238-1	483.69	491.01	485.78	486.82	0.77	ppb
Vanadium	51-2	502.00	506.09	499.06	502.38	0.70	ppb
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	1005.95	1015.84	1004.22	1008.67	0.62	ppb
Zirconium	90-1	496.45	499.75	485.84	494.01	1.47	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:17:12	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.35	504.37	490.07	499.26	1.60	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:20:23	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19784.68	19297.65	19414.24	19498.85	1.30	ppb
Antimony	121-1	994.00	985.79	993.42	991.07	0.46	ppb
Arsenic	75-2	988.19	999.23	1000.79	996.07	0.69	ppb
Barium	135-1	5018.09	4900.13	4974.60	4964.27	1.20	ppb
Barium	137-1	4992.43	4915.30	5018.11	4975.28	1.08	ppb
Beryllium	9-1	1008.23	1005.70	967.70	993.88	2.28	ppb
Bismuth	209-1				119		%
Bismuth	209-2				99		%
Boron	11-1	986.29	1016.68	993.06	998.67	1.60	ppb
Boron	10-1	992.38	1020.18	987.38	999.98	1.77	ppb
Cadmium	106-1	1003.78	974.90	994.58	991.09	1.49	ppb
Cadmium	108-1	999.33	980.80	991.19	990.44	0.94	ppb
Cadmium	111-1	1001.90	982.43	992.44	992.26	0.98	ppb
Calcium	43-1	100384.05	99522.84	99478.45	99795.11	0.51	ppb
Calcium	44-1	99238.98	100033.45	98762.20	99344.88	0.65	ppb
Chromium	52-2	1003.90	988.94	989.78	994.21	0.85	ppb
Cobalt	59-2	997.44	1000.54	996.18	998.05	0.22	ppb
Copper	63-2	2017.92	1974.51	1994.36	1995.59	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	50886.68	50142.12	50574.70	50534.50	0.74	ppb
Iron	57-2	50629.08	49736.68	50232.38	50199.38	0.89	ppb
Lead	206-1	1002.27	990.39	996.64	996.43	0.60	ppb
Lead	207-1	1001.58	998.64	995.37	998.53	0.31	ppb
Lead	208-1	1002.57	996.39	996.04	998.33	0.37	ppb
Lithium	6-1				122		%
Magnesium	24-2	100408.53	98939.66	100239.80	99862.66	0.80	ppb
Manganese	55-2	2026.66	1978.10	1983.05	1995.94	1.34	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:20:23	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1012.08	996.90	996.67	1001.88	0.88	ppb
Molybdenum	94-1	1007.17	990.35	1004.03	1000.52	0.89	ppb
Molybdenum	95-1	1003.33	995.47	999.89	999.56	0.39	ppb
Molybdenum	96-1	1010.53	986.48	1007.12	1001.38	1.30	ppb
Molybdenum	97-1	1013.95	984.90	1009.49	1002.78	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.90	989.90	990.17	992.99	0.52	ppb
Phosphorus	31-2	20352.07	19669.44	19603.67	19875.06	2.09	ppb
Potassium	39-2	48900.44	48093.02	48149.81	48381.09	0.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	976.20	876.39	1109.45	987.35	11.84	ppb
Selenium	78-2	962.52	958.59	1035.74	985.62	4.41	ppb
Selenium	82-1	1003.42	986.75	1000.82	997.00	0.90	ppb
Silicon	28-1	997.74	995.94	972.46	988.71	1.43	ppb
Silver	109-1	986.81	978.29	982.19	982.43	0.43	ppb
Silver	107-1	988.04	976.00	984.79	982.94	0.63	ppb
Sodium	23-2	99423.66	97493.09	98170.24	98362.33	1.00	ppb
Strontium	86-1	1004.95	1005.39	1001.58	1003.97	0.21	ppb
Strontium	88-1	1009.90	996.65	1002.20	1002.92	0.66	ppb
Sulfur	34-1	19114.15	18614.48	18540.02	18756.22	1.66	ppb
Terbium	159-1				115		%
Terbium	159-2				100		%
Thallium	203-1	1004.37	995.29	988.78	996.15	0.79	ppb
Thallium	205-1	1005.86	993.95	992.64	997.48	0.73	ppb
Tin	118-1	1001.86	979.66	993.00	991.51	1.13	ppb
Titanium	47-1	1014.09	996.80	996.68	1002.52	1.00	ppb
Uranium	238-1	1023.23	990.76	1012.58	1008.86	1.64	ppb
Vanadium	51-2	1010.89	988.12	998.48	999.16	1.14	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	2014.17	1970.91	2000.74	1995.27	1.11	ppb
Zirconium	90-1	1006.48	993.31	1008.57	1002.78	0.82	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:20:23	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1003.91	998.73	998.22	1000.29	0.31	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:23:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100827.66	99732.92	99865.72	100142.10	0.60	ppb
Antimony	121-1	2.30	2.27	2.43	2.33	3.81	ppb
Arsenic	75-2	0.27	0.26	0.48	0.34	37.06	ppb
Barium	135-1	1.52	1.49	1.67	1.56	6.21	ppb
Barium	137-1	1.44	1.58	1.84	1.62	12.55	ppb
Beryllium	9-1	0.40	0.41	0.41	0.40	0.91	ppb
Bismuth	209-1				109		%
Bismuth	209-2				94		%
Boron	11-1	33.35	28.71	30.68	30.91	7.53	ppb
Boron	10-1	36.02	29.21	29.99	31.74	11.75	ppb
Cadmium	106-1	-1.34	0.06	-1.05	-0.78		ppb
Cadmium	108-1	0.07	0.16	0.15	0.13	39.11	ppb
Cadmium	111-1	0.02	0.14	0.09	0.08	74.51	ppb
Calcium	43-1	488829.32	481396.42	530416.71	500214.15	5.28	ppb
Calcium	44-1	485934.46	485641.10	529304.87	500293.48	5.02	ppb
Chromium	52-2	6.87	6.66	6.91	6.81	1.99	ppb
Cobalt	59-2	1.24	1.12	1.17	1.18	4.89	ppb
Copper	63-2	3.03	3.06	3.11	3.07	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	250688.30	250701.97	248135.16	249841.81	0.59	ppb
Iron	57-2	251540.67	251694.77	246498.07	249911.17	1.18	ppb
Lead	206-1	1.60	1.74	1.76	1.70	5.06	ppb
Lead	207-1	1.48	1.40	1.64	1.51	7.87	ppb
Lead	208-1	1.57	1.61	1.71	1.63	4.23	ppb
Lithium	6-1				122		%
Magnesium	24-2	501851.79	498688.11	499328.35	499956.08	0.33	ppb
Manganese	55-2	6.48	6.15	6.47	6.37	2.95	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:23:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1.41	1.42	1.51	1.44	3.78	ppb
Molybdenum	94-1	0.62	0.56	0.64	0.61	7.09	ppb
Molybdenum	95-1	1.40	1.37	1.50	1.42	4.65	ppb
Molybdenum	96-1	1.56	1.57	1.76	1.63	6.90	ppb
Molybdenum	97-1	1.42	1.39	1.55	1.45	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.56	2.65	2.58	2.43	ppb
Phosphorus	31-2	0.72	38.83	0.50	13.35	165.27	ppb
Potassium	39-2	251350.27	250074.95	249559.50	250328.24	0.37	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.23	-0.24	-0.23		ppb
Selenium	82-1	-0.13	0.40	0.14	0.14	192.22	ppb
Silicon	28-1	-3.38	-2.78	6.69	0.18	3156.67	ppb
Silver	109-1	0.10	0.12	0.10	0.11	11.33	ppb
Silver	107-1	0.11	0.12	0.10	0.11	10.51	ppb
Sodium	23-2	502044.10	497807.71	501131.20	500327.67	0.45	ppb
Strontium	86-1	33.09	32.45	36.00	33.85	5.58	ppb
Strontium	88-1	33.41	33.63	36.67	34.57	5.27	ppb
Sulfur	34-1	-425.95	-379.74	1175.44	123.25	739.57	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.40	0.36	0.43	0.40	9.80	ppb
Thallium	205-1	0.37	0.36	0.35	0.36	2.29	ppb
Tin	118-1	0.72	0.69	0.73	0.71	3.33	ppb
Titanium	47-1	0.62	0.73	0.76	0.70	9.99	ppb
Uranium	238-1	0.09	0.09	0.09	0.09	1.27	ppb
Vanadium	51-2	0.21	0.20	0.23	0.21	8.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	9.90	8.68	8.76	9.11	7.51	ppb
Zirconium	90-1	0.19	0.18	0.19	0.19	2.19	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:23:31	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.22	0.21	0.20	11.85	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:26:50	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	458.88	443.21	465.09	455.73	2.47	ppb
Antimony	121-1	190.08	195.95	195.65	193.89	1.71	ppb
Arsenic	75-2	192.67	190.82	189.12	190.87	0.93	ppb
Barium	135-1	94.63	95.92	96.81	95.79	1.15	ppb
Barium	137-1	95.82	98.73	98.34	97.63	1.62	ppb
Beryllium	9-1	93.96	94.27	97.14	95.12	1.84	ppb
Bismuth	209-1				118		%
Bismuth	209-2				109		%
Boron	11-1	497.31	516.48	540.12	517.97	4.14	ppb
Boron	10-1	499.64	513.45	548.06	520.39	4.79	ppb
Cadmium	106-1	153.40	166.14	162.57	160.70	4.09	ppb
Cadmium	108-1	132.50	132.95	130.15	131.87	1.14	ppb
Cadmium	111-1	98.17	101.47	101.96	100.53	2.05	ppb
Calcium	43-1	1998.53	2059.72	2077.63	2045.29	2.03	ppb
Calcium	44-1	1977.74	2008.82	1999.39	1995.31	0.80	ppb
Chromium	52-2	92.07	92.66	91.93	92.22	0.42	ppb
Cobalt	59-2	97.02	97.28	97.09	97.13	0.14	ppb
Copper	63-2	97.08	96.64	96.33	96.68	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				115		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	966.96	968.99	966.29	967.41	0.15	ppb
Iron	57-2	957.93	958.40	964.44	960.26	0.38	ppb
Lead	206-1	190.18	191.71	192.36	191.42	0.59	ppb
Lead	207-1	179.73	181.55	182.78	181.35	0.85	ppb
Lead	208-1	187.90	190.31	191.08	189.76	0.87	ppb
Lithium	6-1				123		%
Magnesium	24-2	1172.70	1160.51	1175.91	1169.71	0.69	ppb
Manganese	55-2	98.83	96.38	96.21	97.14	1.51	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:26:50	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	514.71	512.69	528.44	518.61	1.65	ppb
Molybdenum	94-1	520.81	511.05	526.67	519.51	1.52	ppb
Molybdenum	95-1	519.00	515.09	531.77	521.95	1.67	ppb
Molybdenum	96-1	520.35	519.95	520.78	520.36	0.08	ppb
Molybdenum	97-1	514.09	509.40	526.97	516.82	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.85	97.06	97.23	96.72	0.78	ppb
Phosphorus	31-2	16.98	-18.38	17.00	5.20	392.94	ppb
Potassium	39-2	1900.01	1864.59	1936.00	1900.20	1.88	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	179.89	123.40	163.35	155.55	18.67	ppb
Selenium	78-2	184.32	205.93	213.25	201.17	7.48	ppb
Selenium	82-1	188.36	190.23	193.08	190.56	1.25	ppb
Silicon	28-1	518.81	518.97	532.02	523.27	1.45	ppb
Silver	109-1	98.20	101.02	99.10	99.44	1.45	ppb
Silver	107-1	97.82	100.45	100.18	99.48	1.46	ppb
Sodium	23-2	2040.09	2013.66	2051.95	2035.23	0.96	ppb
Strontium	86-1	519.86	519.07	523.86	520.93	0.49	ppb
Strontium	88-1	520.89	518.99	528.12	522.67	0.92	ppb
Sulfur	34-1	-920.97	-952.04	-791.52	-888.18		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	190.65	191.94	193.71	192.10	0.80	ppb
Thallium	205-1	196.70	195.99	198.17	196.95	0.56	ppb
Tin	118-1	538.84	549.27	548.00	545.37	1.04	ppb
Titanium	47-1	510.49	514.68	524.79	516.66	1.42	ppb
Uranium	238-1	491.94	495.80	497.89	495.21	0.61	ppb
Vanadium	51-2	94.24	94.13	95.20	94.52	0.63	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	195.42	197.43	198.07	196.97	0.70	ppb
Zirconium	90-1	508.83	515.46	520.16	514.82	1.11	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:26:50	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.15	514.17	527.79	518.04	1.64	ppb

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 12:33:51 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.39	1.54	0.77	86.34	ppb
Antimony	121-1	0.09	0.08	0.12	0.09	23.05	ppb
Arsenic	75-2	0.06	0.00	0.09	0.05	85.76	ppb
Barium	135-1	-0.03	-0.04	-0.03	-0.03		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.07	0.09	0.12	0.09	22.30	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	11-1	11.65	11.47	11.92	11.68	1.94	ppb
Boron	10-1	11.55	11.91	11.46	11.64	2.04	ppb
Cadmium	106-1	-1.04	-1.71	-2.07	-1.61		ppb
Cadmium	108-1	-0.04	0.11	-0.07	0.00		ppb
Cadmium	111-1	-0.08	-0.13	-0.15	-0.12		ppb
Calcium	43-1	-3.59	-17.65	-12.20	-11.15		ppb
Calcium	44-1	0.43	-0.33	-0.89	-0.26		ppb
Chromium	52-2	-0.07	-0.15	-0.03	-0.08		ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.01	-0.02	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	0.46	0.45	0.56	0.49	12.36	ppb
Iron	57-2	-0.22	-1.31	-0.66	-0.73		ppb
Lead	206-1	0.04	0.05	0.03	0.04	30.93	ppb
Lead	207-1	0.04	0.03	0.05	0.04	22.73	ppb
Lead	208-1	0.05	0.05	0.04	0.05	11.33	ppb
Lithium	6-1				116		%
Magnesium	24-2	2.72	4.01	2.05	2.93	34.16	ppb
Manganese	55-2	-0.15	0.00	-0.10	-0.08		ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:33:51	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.06	0.06	0.04	0.05	16.65	ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	15.89	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	8.17	ppb
Molybdenum	96-1	0.04	0.06	0.04	0.04	27.85	ppb
Molybdenum	97-1	0.06	0.05	0.04	0.05	25.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.39	-0.49	-0.51	-0.46		ppb
Phosphorus	31-2	17.53	-18.38	16.86	5.33	385.16	ppb
Potassium	39-2	-2.15	-6.62	10.41	0.55	1616.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.01	-0.27	0.49	-0.26		ppb
Selenium	82-1	-0.20	-0.38	-0.35	-0.31		ppb
Silicon	28-1	-14.50	-16.79	-18.76	-16.68		ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.26	ppb
Silver	107-1	0.02	0.02	0.01	0.01	16.99	ppb
Sodium	23-2	38.46	42.02	44.09	41.52	6.85	ppb
Strontium	86-1	-0.02	-0.03	0.04	-0.01		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	47.70	ppb
Sulfur	34-1	-929.49	-804.82	-845.16	-859.83		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.02	0.02	0.02	24.52	ppb
Thallium	205-1	0.03	0.04	0.04	0.03	8.41	ppb
Tin	118-1	0.10	0.11	0.08	0.10	18.64	ppb
Titanium	47-1	0.02	0.00	-0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	145.74	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	0.15	0.10	0.27	0.17	51.14	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	45.84	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:33:51	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.03	0.02	75.03	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:36:58	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89589.90	87885.63	88331.70	88602.41	1.00	ppb
Antimony	121-1	1.18	1.13	1.30	1.20	7.40	ppb
Arsenic	75-2	0.35	0.20	0.34	0.30	29.02	ppb
Barium	135-1	1.30	1.36	1.34	1.33	2.06	ppb
Barium	137-1	1.39	1.43	1.59	1.47	7.22	ppb
Beryllium	9-1	0.35	0.39	0.36	0.37	5.64	ppb
Bismuth	209-1				111		%
Bismuth	209-2				98		%
Boron	11-1	14.02	12.71	13.93	13.55	5.41	ppb
Boron	10-1	13.61	12.60	11.62	12.61	7.87	ppb
Cadmium	106-1	-1.32	-1.78	-2.38	-1.82		ppb
Cadmium	108-1	7.90	7.54	8.19	7.88	4.16	ppb
Cadmium	111-1	0.17	0.13	0.13	0.15	16.51	ppb
Calcium	43-1	96341.55	97392.33	101066.27	98266.72	2.52	ppb
Calcium	44-1	96073.94	96808.95	100076.64	97653.18	2.18	ppb
Chromium	52-2	22.97	22.78	22.76	22.84	0.50	ppb
Cobalt	59-2	1.17	1.23	1.07	1.16	6.97	ppb
Copper	63-2	7.59	7.78	7.83	7.73	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	97372.27	97507.23	96987.93	97289.14	0.28	ppb
Iron	57-2	100108.22	97597.27	97341.31	98348.94	1.55	ppb
Lead	206-1	4.57	4.61	4.71	4.63	1.56	ppb
Lead	207-1	4.09	3.91	4.16	4.05	3.20	ppb
Lead	208-1	4.25	4.20	4.35	4.27	1.78	ppb
Lithium	6-1				111		%
Magnesium	24-2	97771.06	96232.99	96644.49	96882.85	0.82	ppb
Manganese	55-2	7.96	8.42	8.31	8.23	2.97	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:36:58	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1874.64	1851.66	1976.03	1900.78	3.48	ppb
Molybdenum	94-1	579.36	567.04	605.61	584.00	3.37	ppb
Molybdenum	95-1	1855.92	1817.93	1950.72	1874.86	3.65	ppb
Molybdenum	96-1	1547.09	1503.24	1636.17	1562.17	4.34	ppb
Molybdenum	97-1	1873.31	1831.01	1971.08	1891.80	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.92	6.69	6.84	6.82	1.71	ppb
Phosphorus	31-2	99996.88	96633.28	97534.84	98055.00	1.78	ppb
Potassium	39-2	98774.64	96821.62	95615.64	97070.63	1.64	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	4.46	1.49	173.21	ppb
Selenium	78-2	0.51	0.52	-0.24	0.26	165.72	ppb
Selenium	82-1	0.13	0.50	-0.71	-0.02		ppb
Silicon	28-1	22.83	21.30	29.56	24.56	17.89	ppb
Silver	109-1	0.16	0.17	0.20	0.17	12.53	ppb
Silver	107-1	0.16	0.18	0.18	0.17	6.56	ppb
Sodium	23-2	96085.07	94796.19	95372.41	95417.89	0.68	ppb
Strontium	86-1	32.06	31.57	34.84	32.83	5.37	ppb
Strontium	88-1	32.90	32.46	35.16	33.51	4.33	ppb
Sulfur	34-1	89329.42	89613.82	94851.32	91264.85	3.41	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.16	0.19	0.18	7.43	ppb
Thallium	205-1	0.15	0.15	0.17	0.15	7.36	ppb
Tin	118-1	0.23	0.19	0.27	0.23	16.68	ppb
Titanium	47-1	1932.19	1918.07	1999.55	1949.94	2.23	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.67	ppb
Vanadium	51-2	0.11	0.19	0.19	0.16	27.89	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	11.24	11.56	11.09	11.29	2.13	ppb
Zirconium	90-1	0.05	0.06	0.07	0.06	16.06	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:36:58	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.04	0.03	62.17	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:40:03	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87236.57	90135.09	88387.63	88586.43	1.65	ppb
Antimony	121-1	20.38	20.49	20.37	20.41	0.32	ppb
Arsenic	75-2	19.22	19.03	19.35	19.20	0.85	ppb
Barium	135-1	21.06	21.68	21.97	21.57	2.14	ppb
Barium	137-1	21.34	21.14	21.14	21.20	0.54	ppb
Beryllium	9-1	21.61	21.25	21.30	21.39	0.92	ppb
Bismuth	209-1				112		%
Bismuth	209-2				97		%
Boron	11-1	69.14	71.81	71.47	70.81	2.06	ppb
Boron	10-1	66.05	69.10	72.14	69.10	4.41	ppb
Cadmium	106-1	21.52	22.86	22.12	22.16	3.03	ppb
Cadmium	108-1	29.18	29.43	29.32	29.31	0.42	ppb
Cadmium	111-1	19.76	19.55	19.42	19.57	0.87	ppb
Calcium	43-1	97273.38	96707.64	97760.52	97247.18	0.54	ppb
Calcium	44-1	97394.39	95561.98	95673.34	96209.90	1.07	ppb
Chromium	52-2	41.29	42.96	41.82	42.03	2.03	ppb
Cobalt	59-2	20.58	21.46	21.37	21.14	2.27	ppb
Copper	63-2	26.87	28.63	27.82	27.77	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	96029.08	99252.70	97963.66	97748.48	1.66	ppb
Iron	57-2	97854.89	100891.79	99029.25	99258.64	1.54	ppb
Lead	206-1	25.06	25.09	24.85	25.00	0.53	ppb
Lead	207-1	22.54	22.89	23.12	22.85	1.29	ppb
Lead	208-1	23.66	23.68	23.77	23.70	0.24	ppb
Lithium	6-1				108		%
Magnesium	24-2	95658.71	97272.91	97505.43	96812.35	1.04	ppb
Manganese	55-2	26.95	28.15	27.36	27.48	2.21	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:40:03	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1919.41	1916.85	1925.39	1920.55	0.23	ppb
Molybdenum	94-1	629.31	621.31	632.46	627.69	0.92	ppb
Molybdenum	95-1	1910.78	1906.11	1919.87	1912.25	0.37	ppb
Molybdenum	96-1	1617.59	1613.67	1605.04	1612.10	0.40	ppb
Molybdenum	97-1	1938.61	1912.00	1919.78	1923.46	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.98	27.12	25.74	26.28	2.80	ppb
Phosphorus	31-2	97516.68	100064.19	96097.68	97892.85	2.05	ppb
Potassium	39-2	96876.47	98464.96	96151.46	97164.30	1.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	26.35	8.93	13.42	16.23	55.71	ppb
Selenium	78-2	14.19	21.39	12.15	15.91	30.51	ppb
Selenium	82-1	19.61	19.28	19.66	19.52	1.07	ppb
Silicon	28-1	97.66	92.89	96.74	95.77	2.64	ppb
Silver	109-1	19.07	18.94	19.04	19.02	0.36	ppb
Silver	107-1	18.96	19.13	18.84	18.98	0.76	ppb
Sodium	23-2	94676.55	97648.12	96758.33	96361.00	1.58	ppb
Strontium	86-1	86.65	85.57	86.25	86.16	0.63	ppb
Strontium	88-1	88.97	87.99	88.63	88.53	0.57	ppb
Sulfur	34-1	89148.98	88121.43	88816.07	88695.49	0.59	ppb
Terbium	159-1				114		%
Terbium	159-2				102		%
Thallium	203-1	20.86	20.34	20.56	20.58	1.27	ppb
Thallium	205-1	20.38	20.54	20.68	20.53	0.72	ppb
Tin	118-1	54.24	54.23	53.49	53.99	0.80	ppb
Titanium	47-1	2021.59	1984.84	2000.21	2002.21	0.92	ppb
Uranium	238-1	53.82	53.03	54.13	53.66	1.05	ppb
Vanadium	51-2	19.51	19.85	19.61	19.66	0.89	ppb
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	29.80	31.65	30.56	30.67	3.04	ppb
Zirconium	90-1	53.69	53.12	52.98	53.26	0.70	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:40:03	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.38	52.68	53.14	53.07	0.67	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:43:06	DataFile Name :	016SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9048.25	8940.51	9048.30	9012.35	0.69	ppb
Antimony	121-1	0.16	0.16	0.14	0.15	8.35	ppb
Arsenic	75-2	0.02	0.11	0.06	0.06	69.04	ppb
Barium	135-1	0.09	0.12	0.13	0.11	17.45	ppb
Barium	137-1	0.11	0.15	0.13	0.13	18.11	ppb
Beryllium	9-1	0.05	0.11	0.06	0.07	44.28	ppb
Bismuth	209-1				116		%
Bismuth	209-2				104		%
Boron	11-1	6.82	6.96	7.52	7.10	5.21	ppb
Boron	10-1	7.55	6.46	7.87	7.29	10.15	ppb
Cadmium	106-1	-2.35	-2.06	-2.57	-2.33		ppb
Cadmium	108-1	0.57	0.63	0.87	0.69	22.65	ppb
Cadmium	111-1	-0.10	-0.12	-0.17	-0.13		ppb
Calcium	43-1	9557.43	9547.03	9670.57	9591.68	0.71	ppb
Calcium	44-1	9873.97	9746.22	9772.35	9797.51	0.69	ppb
Chromium	52-2	2.25	2.27	2.29	2.27	0.89	ppb
Cobalt	59-2	0.10	0.08	0.10	0.09	11.62	ppb
Copper	63-2	0.99	0.83	0.90	0.91	8.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	10306.53	10000.43	10088.82	10131.92	1.55	ppb
Iron	57-2	10163.20	9899.42	9972.15	10011.59	1.36	ppb
Lead	206-1	0.58	0.60	0.59	0.59	2.08	ppb
Lead	207-1	0.51	0.54	0.55	0.53	4.32	ppb
Lead	208-1	0.57	0.57	0.56	0.57	0.89	ppb
Lithium	6-1				111		%
Magnesium	24-2	9943.57	9694.51	9885.99	9841.36	1.32	ppb
Manganese	55-2	0.53	0.66	0.49	0.56	15.36	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:43:06	DataFile Name :	016SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	189.53	185.61	188.58	187.91	1.09	ppb
Molybdenum	94-1	58.10	57.11	58.61	57.94	1.32	ppb
Molybdenum	95-1	189.05	184.30	188.17	187.18	1.35	ppb
Molybdenum	96-1	156.72	153.12	156.39	155.41	1.28	ppb
Molybdenum	97-1	190.88	186.05	190.45	189.13	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.11	0.27	0.19	42.56	ppb
Phosphorus	31-2	9922.63	10538.57	9603.25	10021.48	4.74	ppb
Potassium	39-2	9958.96	9913.07	9894.54	9922.19	0.33	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	-0.26	0.50	0.25	176.47	ppb
Selenium	82-1	-0.48	-0.09	-0.02	-0.20		ppb
Silicon	28-1	-16.11	-16.78	-17.86	-16.92		ppb
Silver	109-1	0.04	0.05	0.05	0.05	10.78	ppb
Silver	107-1	0.04	0.04	0.05	0.04	17.00	ppb
Sodium	23-2	9993.18	9796.59	9817.34	9869.04	1.09	ppb
Strontium	86-1	3.38	3.31	3.38	3.36	1.22	ppb
Strontium	88-1	3.37	3.33	3.33	3.34	0.81	ppb
Sulfur	34-1	8464.79	7929.17	8332.57	8242.18	3.39	ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.03	0.03	16.91	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	13.57	ppb
Tin	118-1	0.03	0.02	0.03	0.03	20.65	ppb
Titanium	47-1	192.73	190.58	190.37	191.23	0.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	37.96	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	1.03	1.09	1.20	1.11	7.95	ppb
Zirconium	90-1	0.06	0.05	0.03	0.05	27.91	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:43:06	DataFile Name :	016SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.02	0.04	37.78	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:46:16	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9012.83	9048.32	8793.11	8951.42	1.54	ppb
Antimony	121-1	2.07	2.18	2.22	2.16	3.62	ppb
Arsenic	75-2	1.85	1.87	2.10	1.94	7.15	ppb
Barium	135-1	2.20	2.08	2.28	2.19	4.62	ppb
Barium	137-1	2.24	2.40	2.35	2.33	3.49	ppb
Beryllium	9-1	2.17	2.11	2.20	2.16	2.10	ppb
Bismuth	209-1				114		%
Bismuth	209-2				104		%
Boron	11-1	10.85	10.99	10.35	10.73	3.14	ppb
Boron	10-1	8.96	10.03	9.21	9.40	5.98	ppb
Cadmium	106-1	-0.35	0.28	0.06	-0.01		ppb
Cadmium	108-1	2.95	2.83	2.89	2.89	1.95	ppb
Cadmium	111-1	2.01	1.87	1.88	1.92	3.97	ppb
Calcium	43-1	9563.04	9819.07	9809.95	9730.68	1.49	ppb
Calcium	44-1	9877.13	9973.93	10055.80	9968.95	0.90	ppb
Chromium	52-2	4.27	4.04	4.20	4.17	2.87	ppb
Cobalt	59-2	2.15	2.15	2.11	2.14	1.02	ppb
Copper	63-2	2.95	2.94	2.85	2.92	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	10087.91	10082.49	9893.91	10021.44	1.10	ppb
Iron	57-2	9918.36	9872.74	9815.93	9869.01	0.52	ppb
Lead	206-1	2.55	2.66	2.62	2.61	2.17	ppb
Lead	207-1	2.33	2.34	2.50	2.39	4.01	ppb
Lead	208-1	2.48	2.48	2.56	2.51	1.81	ppb
Lithium	6-1				111		%
Magnesium	24-2	9864.77	9792.36	9762.24	9806.46	0.54	ppb
Manganese	55-2	2.54	2.96	3.09	2.86	9.94	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:46:16	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	193.61	194.55	196.71	194.96	0.82	ppb
Molybdenum	94-1	63.20	63.35	62.69	63.08	0.54	ppb
Molybdenum	95-1	192.26	192.39	193.83	192.83	0.45	ppb
Molybdenum	96-1	159.82	162.11	161.84	161.25	0.78	ppb
Molybdenum	97-1	194.04	196.98	196.22	195.75	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.35	2.07	2.01	2.14	8.49	ppb
Phosphorus	31-2	9542.46	10599.39	9741.23	9961.03	5.64	ppb
Potassium	39-2	9726.97	9676.43	9774.48	9725.96	0.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.74	0.52	1.27	1.51	74.73	ppb
Selenium	82-1	2.21	1.75	2.36	2.11	15.12	ppb
Silicon	28-1	-10.44	-8.72	-8.47	-9.21		ppb
Silver	109-1	2.04	2.02	2.08	2.04	1.44	ppb
Silver	107-1	2.03	2.00	2.04	2.02	1.22	ppb
Sodium	23-2	9758.94	9722.56	9584.52	9688.67	0.95	ppb
Strontium	86-1	8.17	8.55	8.52	8.41	2.52	ppb
Strontium	88-1	8.38	8.54	8.45	8.45	0.93	ppb
Sulfur	34-1	8531.63	8528.32	8774.85	8611.60	1.64	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	1.97	2.07	2.07	2.04	2.79	ppb
Thallium	205-1	2.02	2.01	2.12	2.05	2.86	ppb
Tin	118-1	5.17	5.06	5.21	5.15	1.43	ppb
Titanium	47-1	195.42	199.76	203.04	199.41	1.92	ppb
Uranium	238-1	4.76	4.80	4.92	4.83	1.69	ppb
Vanadium	51-2	2.10	2.12	2.01	2.07	2.77	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	3.65	3.11	3.25	3.34	8.31	ppb
Zirconium	90-1	4.90	4.90	4.97	4.93	0.84	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:46:16	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.94	5.00	4.94	4.96	0.70	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:49:23	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51156.60	50130.21	51489.67	50925.49	1.39	ppb
Antimony	121-1	531.06	521.88	508.90	520.61	2.14	ppb
Arsenic	75-2	500.50	517.08	523.23	513.60	2.29	ppb
Barium	135-1	2640.82	2647.50	2586.01	2624.78	1.29	ppb
Barium	137-1	2632.58	2580.49	2576.85	2596.64	1.20	ppb
Beryllium	9-1	535.58	529.94	527.06	530.86	0.82	ppb
Bismuth	209-1				111		%
Bismuth	209-2				97		%
Boron	11-1	529.33	532.06	534.06	531.82	0.45	ppb
Boron	10-1	532.50	539.89	536.72	536.37	0.69	ppb
Cadmium	106-1	510.00	501.91	503.46	505.12	0.85	ppb
Cadmium	108-1	509.70	503.01	508.64	507.12	0.71	ppb
Cadmium	111-1	506.12	499.53	499.46	501.70	0.76	ppb
Calcium	43-1	255483.42	250757.02	247871.48	251370.64	1.53	ppb
Calcium	44-1	254676.46	250816.06	250063.42	251851.98	0.98	ppb
Chromium	52-2	515.31	508.11	518.94	514.12	1.07	ppb
Cobalt	59-2	509.08	501.30	515.61	508.66	1.41	ppb
Copper	63-2	1015.00	990.44	1010.77	1005.40	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	126965.31	125767.83	129494.70	127409.28	1.49	ppb
Iron	57-2	128259.88	127727.76	131489.49	129159.04	1.58	ppb
Lead	206-1	539.06	535.03	524.20	532.76	1.44	ppb
Lead	207-1	535.83	533.58	528.29	532.57	0.73	ppb
Lead	208-1	531.83	531.52	526.62	529.99	0.55	ppb
Lithium	6-1				115		%
Magnesium	24-2	253577.99	251890.07	256072.63	253846.89	0.83	ppb
Manganese	55-2	1030.21	1020.26	1055.57	1035.35	1.76	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:49:23	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	525.67	527.49	516.39	523.18	1.14	ppb
Molybdenum	94-1	524.92	532.09	524.16	527.06	0.83	ppb
Molybdenum	95-1	529.20	521.53	524.27	525.00	0.74	ppb
Molybdenum	96-1	530.09	534.01	520.49	528.20	1.32	ppb
Molybdenum	97-1	519.09	519.32	511.93	516.78	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.88	494.57	503.66	500.37	1.01	ppb
Phosphorus	31-2	10580.13	10071.58	11387.54	10679.75	6.21	ppb
Potassium	39-2	128440.37	126876.35	128227.14	127847.95	0.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	412.45	500.44	548.63	487.17	14.17	ppb
Selenium	78-2	512.49	499.16	504.36	505.33	1.33	ppb
Selenium	82-1	512.94	512.97	510.22	512.04	0.31	ppb
Silicon	28-1	537.57	533.85	531.62	534.35	0.56	ppb
Silver	109-1	523.80	513.87	509.48	515.71	1.42	ppb
Silver	107-1	517.18	510.74	513.45	513.79	0.63	ppb
Sodium	23-2	251388.32	248574.31	253432.26	251131.63	0.97	ppb
Strontium	86-1	533.92	530.13	527.07	530.38	0.65	ppb
Strontium	88-1	536.45	531.02	530.48	532.65	0.62	ppb
Sulfur	34-1	11789.48	11588.03	11869.61	11749.04	1.23	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	536.31	534.95	533.01	534.76	0.31	ppb
Thallium	205-1	526.57	529.01	530.98	528.85	0.42	ppb
Tin	118-1	529.06	521.29	515.11	521.82	1.34	ppb
Titanium	47-1	521.72	513.94	513.49	516.38	0.90	ppb
Uranium	238-1	533.98	535.90	530.17	533.35	0.55	ppb
Vanadium	51-2	517.98	511.96	524.90	518.28	1.25	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	1005.17	997.56	1019.97	1007.57	1.13	ppb
Zirconium	90-1	524.85	525.60	517.46	522.64	0.86	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:49:23	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	530.51	527.49	525.57	527.86	0.47	ppb

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : CCB040 Instrumnet Name : P8
 Client Sample ID : CCB040 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 12:52:23 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.10	0.50	1.74	1.78	73.02	ppb
Antimony	121-1	0.27	0.23	0.26	0.25	8.49	ppb
Arsenic	75-2	-0.01	0.06	0.06	0.04	114.28	ppb
Barium	135-1	0.02	0.00	-0.02	0.00	2759.25	ppb
Barium	137-1	0.04	0.04	0.01	0.03	71.44	ppb
Beryllium	9-1	0.18	0.12	0.18	0.16	21.41	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	11-1	15.55	14.31	12.57	14.14	10.58	ppb
Boron	10-1	15.38	13.15	13.64	14.06	8.34	ppb
Cadmium	106-1	-1.24	-2.28	-2.18	-1.90		ppb
Cadmium	108-1	-0.04	0.02	-0.01	-0.01		ppb
Cadmium	111-1	-0.06	-0.13	-0.15	-0.11		ppb
Calcium	43-1	1.80	-19.48	-1.69	-6.46		ppb
Calcium	44-1	14.16	5.53	6.73	8.81	53.08	ppb
Chromium	52-2	-0.23	-0.17	-0.13	-0.17		ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.08	0.04	0.05	0.05	39.35	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				109		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	2.05	1.78	1.54	1.79	14.25	ppb
Iron	57-2	2.72	1.52	1.84	2.03	30.72	ppb
Lead	206-1	0.08	0.05	0.04	0.05	39.55	ppb
Lead	207-1	0.05	0.07	0.06	0.06	15.93	ppb
Lead	208-1	0.06	0.06	0.05	0.06	8.40	ppb
Lithium	6-1				113		%
Magnesium	24-2	-0.20	3.98	1.51	1.76	119.22	ppb
Manganese	55-2	-0.16	-0.18	-0.07	-0.13		ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:52:23	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.21	0.19	0.16	0.18	13.34	ppb
Molybdenum	94-1	0.12	0.10	0.08	0.10	15.59	ppb
Molybdenum	95-1	0.26	0.22	0.17	0.21	21.24	ppb
Molybdenum	96-1	0.18	0.17	0.17	0.17	4.89	ppb
Molybdenum	97-1	0.25	0.21	0.18	0.21	18.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.63	-0.73	-0.67	-0.68		ppb
Phosphorus	31-2	-18.38	-18.38	-18.38	-18.38		ppb
Potassium	39-2	12.02	16.41	27.23	18.55	42.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.23	0.53	0.02	2160.38	ppb
Selenium	82-1	0.13	-0.26	0.37	0.08	405.20	ppb
Silicon	28-1	-11.81	-16.61	-14.79	-14.40		ppb
Silver	109-1	0.04	0.04	0.05	0.04	8.55	ppb
Silver	107-1	0.05	0.04	0.05	0.04	15.81	ppb
Sodium	23-2	102.29	101.29	99.94	101.17	1.16	ppb
Strontium	86-1	-0.01	0.01	-0.01	0.00		ppb
Strontium	88-1	0.02	0.02	0.01	0.01	28.95	ppb
Sulfur	34-1	-896.10	-1140.01	-1035.48	-1023.86		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.13	0.08	0.11	24.81	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	9.02	ppb
Tin	118-1	0.16	0.17	0.10	0.14	26.36	ppb
Titanium	47-1	0.06	0.03	0.08	0.06	36.23	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	88.23	ppb
Vanadium	51-2	-0.01	-0.01	0.02	0.00	3880.03	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.31	0.28	0.23	0.27	14.81	ppb
Zirconium	90-1	0.06	0.06	0.05	0.05	6.15	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:52:23	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.07	0.06	20.87	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:55:31	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.33	26.19	20.36	23.96	13.13	ppb
Antimony	121-1	2.00	1.98	1.90	1.96	2.78	ppb
Arsenic	75-2	0.87	0.63	1.01	0.84	23.16	ppb
Barium	135-1	9.21	8.93	8.75	8.96	2.56	ppb
Barium	137-1	9.02	9.35	8.40	8.92	5.42	ppb
Beryllium	9-1	0.97	1.07	0.89	0.98	8.83	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	11-1	29.51	28.64	28.37	28.84	2.06	ppb
Boron	10-1	25.54	27.64	27.17	26.78	4.11	ppb
Cadmium	106-1	-1.29	-1.34	-0.26	-0.96		ppb
Cadmium	108-1	1.17	0.69	0.88	0.91	26.46	ppb
Cadmium	111-1	0.86	0.77	0.81	0.81	5.44	ppb
Calcium	43-1	409.48	408.06	379.50	399.02	4.24	ppb
Calcium	44-1	445.93	437.85	424.51	436.09	2.48	ppb
Chromium	52-2	1.78	1.65	1.87	1.77	6.26	ppb
Cobalt	59-2	0.89	0.82	0.89	0.87	4.95	ppb
Copper	63-2	1.92	1.99	1.89	1.93	2.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	45.32	43.99	45.33	44.88	1.72	ppb
Iron	57-2	44.44	45.99	43.36	44.60	2.96	ppb
Lead	206-1	1.03	0.99	0.99	1.00	2.60	ppb
Lead	207-1	1.03	1.07	0.98	1.03	4.84	ppb
Lead	208-1	1.06	1.05	1.01	1.04	2.31	ppb
Lithium	6-1				112		%
Magnesium	24-2	441.34	427.27	461.97	443.53	3.94	ppb
Manganese	55-2	1.08	0.96	0.75	0.93	17.90	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:55:31	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.42	4.31	4.22	4.32	2.22	ppb
Molybdenum	94-1	1.93	1.95	2.00	1.96	1.91	ppb
Molybdenum	95-1	4.37	4.21	4.37	4.32	2.14	ppb
Molybdenum	96-1	3.84	3.77	3.70	3.77	1.90	ppb
Molybdenum	97-1	4.56	4.42	4.34	4.44	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.09	0.12	0.09	25.95	ppb
Phosphorus	31-2	18.20	-18.38	-0.09	-0.09		ppb
Potassium	39-2	441.50	448.45	474.08	454.68	3.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	4.43	13.28	0.00	5.90	114.56	ppb
Selenium	78-2	4.35	2.82	2.83	3.33	26.51	ppb
Selenium	82-1	3.73	4.70	3.81	4.08	13.30	ppb
Silicon	28-1	-0.49	-4.78	-9.65	-4.98		ppb
Silver	109-1	1.25	1.28	1.28	1.27	1.38	ppb
Silver	107-1	1.22	1.16	1.19	1.19	2.63	ppb
Sodium	23-2	504.98	488.39	511.65	501.67	2.39	ppb
Strontium	86-1	0.89	0.93	0.81	0.88	7.03	ppb
Strontium	88-1	0.94	0.92	0.88	0.91	3.68	ppb
Sulfur	34-1	-1003.39	-1195.58	-1713.66	-1304.21		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.92	0.96	0.88	0.92	4.48	ppb
Thallium	205-1	0.95	0.97	0.94	0.95	1.32	ppb
Tin	118-1	4.50	4.43	4.30	4.41	2.30	ppb
Titanium	47-1	4.28	4.30	4.09	4.22	2.78	ppb
Uranium	238-1	0.84	0.86	0.84	0.85	1.42	ppb
Vanadium	51-2	4.18	4.34	4.29	4.27	1.89	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	2.39	2.13	2.00	2.17	9.17	ppb
Zirconium	90-1	0.94	0.89	0.85	0.89	4.98	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:55:31	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.96	0.84	0.89	6.64	ppb

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 13:01:55 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	1.55	1.69	1.22	57.21	ppb
Antimony	121-1	0.03	0.05	0.03	0.04	35.14	ppb
Arsenic	75-2	-0.03	0.02	-0.01	-0.01		ppb
Barium	135-1	-0.02	-0.03	0.00	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.06	0.09	0.05	0.07	31.95	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	11-1	4.87	4.61	4.64	4.71	3.05	ppb
Boron	10-1	3.37	3.79	4.97	4.04	20.49	ppb
Cadmium	106-1	-1.63	-2.33	-2.29	-2.08		ppb
Cadmium	108-1	0.05	-0.10	-0.04	-0.03		ppb
Cadmium	111-1	-0.12	-0.17	-0.17	-0.15		ppb
Calcium	43-1	-8.67	-18.04	-16.57	-14.43		ppb
Calcium	44-1	-3.82	-5.42	-2.40	-3.88		ppb
Chromium	52-2	-0.11	-0.22	0.00	-0.11		ppb
Cobalt	59-2	-0.01	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.00	-0.02	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	-0.08	-0.01	-0.12	-0.07		ppb
Iron	57-2	-0.90	-1.36	-0.86	-1.04		ppb
Lead	206-1	0.04	0.00	0.01	0.02	114.71	ppb
Lead	207-1	0.02	0.04	0.02	0.03	42.22	ppb
Lead	208-1	0.03	0.02	0.02	0.02	27.32	ppb
Lithium	6-1				114		%
Magnesium	24-2	2.10	2.34	3.73	2.72	32.43	ppb
Manganese	55-2	-0.07	-0.17	-0.08	-0.11		ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:01:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.04	0.03	36.56	ppb
Molybdenum	94-1	0.03	0.02	0.01	0.02	38.43	ppb
Molybdenum	95-1	0.05	0.03	0.06	0.04	32.38	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	31.55	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	56.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.80	-0.93	-0.80	-0.84		ppb
Phosphorus	31-2	-18.38	-18.38	-18.38	-18.38		ppb
Potassium	39-2	-1.14	16.99	8.67	8.17	111.02	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	4.37	1.46	173.21	ppb
Selenium	78-2	-1.01	1.97	-1.01	-0.02		ppb
Selenium	82-1	-0.26	-0.09	-0.30	-0.22		ppb
Silicon	28-1	-15.98	-17.68	-16.43	-16.70		ppb
Silver	109-1	0.01	0.02	0.02	0.02	52.79	ppb
Silver	107-1	0.01	0.01	0.02	0.01	24.44	ppb
Sodium	23-2	38.81	32.23	39.55	36.86	10.93	ppb
Strontium	86-1	-0.04	-0.02	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	562.37	ppb
Sulfur	34-1	-1123.14	-1203.38	-1016.90	-1114.47		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.02	0.02	0.02	17.94	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.41	ppb
Tin	118-1	0.00	-0.01	0.02	0.00	271.16	ppb
Titanium	47-1	0.04	0.01	-0.05	0.00	5103.01	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	0.02	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	0.22	0.07	0.02	0.10	102.16	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	15.75	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:01:55	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.03	0.03	47.97	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:05:03	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.30	31.58	30.62	30.50	3.76	ppb
Antimony	121-1	3.62	3.84	3.88	3.78	3.79	ppb
Arsenic	75-2	1.81	1.96	2.00	1.92	5.31	ppb
Barium	135-1	19.10	19.30	18.81	19.07	1.30	ppb
Barium	137-1	18.42	19.37	18.83	18.87	2.54	ppb
Beryllium	9-1	1.97	1.97	1.94	1.96	0.89	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Boron	11-1	48.17	49.66	49.13	48.98	1.53	ppb
Boron	10-1	47.36	53.99	54.86	52.07	7.88	ppb
Cadmium	106-1	-0.34	-0.05	1.48	0.36	269.27	ppb
Cadmium	108-1	2.12	2.11	2.03	2.09	2.46	ppb
Cadmium	111-1	1.81	1.80	1.99	1.87	5.66	ppb
Calcium	43-1	889.44	845.43	910.85	881.91	3.78	ppb
Calcium	44-1	913.27	919.13	906.65	913.02	0.68	ppb
Chromium	52-2	3.75	4.05	3.57	3.79	6.37	ppb
Cobalt	59-2	2.00	1.96	1.87	1.94	3.37	ppb
Copper	63-2	4.16	3.97	4.04	4.06	2.39	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				111		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	379.88	371.65	379.99	377.17	1.27	ppb
Iron	57-2	375.97	370.19	383.81	376.66	1.81	ppb
Lead	206-1	2.09	2.34	2.22	2.21	5.55	ppb
Lead	207-1	2.15	2.19	2.23	2.19	1.78	ppb
Lead	208-1	2.17	2.27	2.20	2.21	2.18	ppb
Lithium	6-1				113		%
Magnesium	24-2	935.77	936.84	921.06	931.22	0.95	ppb
Manganese	55-2	1.90	1.96	1.90	1.92	1.80	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:05:03	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	18.39	18.69	17.94	18.34	2.08	ppb
Molybdenum	94-1	6.75	6.93	6.86	6.85	1.37	ppb
Molybdenum	95-1	17.92	18.38	17.80	18.03	1.68	ppb
Molybdenum	96-1	15.05	15.79	15.02	15.29	2.87	ppb
Molybdenum	97-1	18.20	18.76	18.15	18.37	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.03	1.17	1.16	10.60	ppb
Phosphorus	31-2	-18.38	-18.38	-0.61	-12.46		ppb
Potassium	39-2	994.80	970.80	968.92	978.17	1.48	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	4.22	4.30	4.32	4.28	1.19	ppb
Selenium	78-2	18.00	10.16	8.71	12.29	40.68	ppb
Selenium	82-1	9.80	9.46	9.55	9.60	1.85	ppb
Silicon	28-1	7.47	6.45	8.19	7.37	11.90	ppb
Silver	109-1	2.02	2.13	2.06	2.07	2.63	ppb
Silver	107-1	1.97	2.08	2.05	2.03	2.65	ppb
Sodium	23-2	974.59	955.19	970.85	966.88	1.06	ppb
Strontium	86-1	1.95	1.84	1.90	1.89	2.81	ppb
Strontium	88-1	1.99	1.98	1.97	1.98	0.43	ppb
Sulfur	34-1	-1138.11	-1105.28	-1074.66	-1106.01		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	1.85	1.97	1.85	1.89	3.74	ppb
Thallium	205-1	1.89	1.94	1.96	1.93	1.81	ppb
Tin	118-1	9.36	9.79	9.60	9.58	2.20	ppb
Titanium	47-1	9.26	9.37	8.94	9.19	2.45	ppb
Uranium	238-1	1.81	1.84	1.79	1.81	1.42	ppb
Vanadium	51-2	9.70	9.32	9.64	9.55	2.11	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	4.23	3.94	4.31	4.16	4.63	ppb
Zirconium	90-1	1.82	1.85	1.87	1.84	1.34	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:05:03	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.89	1.77	1.95	1.87	4.78	ppb

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : PB102344BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 13:08:11 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	-0.85	1.81	0.44	302.27	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	19.55	ppb
Arsenic	75-2	0.02	0.02	0.06	0.03	67.20	ppb
Barium	135-1	-0.03	-0.03	-0.02	-0.03		ppb
Barium	137-1	0.01	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.02	0.04	0.05	0.04	40.25	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	11-1	4.88	4.19	3.77	4.28	13.06	ppb
Boron	10-1	3.96	3.79	3.45	3.74	7.01	ppb
Cadmium	106-1	-1.52	-1.86	-1.66	-1.68		ppb
Cadmium	108-1	-0.04	-0.07	-0.10	-0.07		ppb
Cadmium	111-1	-0.12	-0.14	-0.11	-0.12		ppb
Calcium	43-1	-14.39	-19.77	-17.36	-17.17		ppb
Calcium	44-1	-5.62	-4.94	-7.29	-5.95		ppb
Chromium	52-2	-0.23	-0.12	-0.11	-0.15		ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.03		ppb
Copper	63-2	0.00	0.01	0.03	0.01	136.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	-0.27	-0.22	0.17	-0.11		ppb
Iron	57-2	0.84	-1.71	-0.37	-0.41		ppb
Lead	206-1	0.07	0.03	0.04	0.05	49.89	ppb
Lead	207-1	0.04	0.05	0.03	0.04	33.79	ppb
Lead	208-1	0.05	0.04	0.04	0.04	16.41	ppb
Lithium	6-1				114		%
Magnesium	24-2	-0.10	5.38	3.78	3.02	93.27	ppb
Manganese	55-2	-0.07	-0.03	-0.02	-0.04		ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:08:11	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	18.11	ppb
Molybdenum	94-1	0.03	0.00	0.01	0.01	79.52	ppb
Molybdenum	95-1	0.05	0.03	0.02	0.03	39.30	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	21.01	ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	67.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.85	-0.94	-0.89	-0.89		ppb
Phosphorus	31-2	-18.38	-0.60	-18.38	-12.46		ppb
Potassium	39-2	4.92	15.23	27.94	16.03	71.94	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	4.21	0.00	4.54	2.92	86.78	ppb
Selenium	78-2	-1.01	-1.01	0.56	-0.49		ppb
Selenium	82-1	-0.13	0.40	0.57	0.28	131.68	ppb
Silicon	28-1	-17.01	-15.12	-19.01	-17.05		ppb
Silver	109-1	0.02	0.03	0.03	0.03	32.64	ppb
Silver	107-1	0.02	0.03	0.03	0.02	18.80	ppb
Sodium	23-2	33.58	32.83	34.53	33.64	2.54	ppb
Strontium	86-1	0.00	0.04	-0.05	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-879.60	-871.93	-1139.45	-963.66		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.03	0.03	0.02	18.90	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	14.97	ppb
Tin	118-1	0.00	-0.04	-0.01	-0.02		ppb
Titanium	47-1	0.03	0.01	-0.03	0.00	1196.35	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	-0.06	0.05	0.02	0.01	1038.69	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	33.20	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:08:11	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	-0.01	0.03	0.01	148.10	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:12:20	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.43	30.58	26.89	29.63	8.14	ppb
Antimony	121-1	3.92	3.80	3.89	3.87	1.56	ppb
Arsenic	75-2	2.22	2.03	1.84	2.03	9.32	ppb
Barium	135-1	18.88	18.53	19.88	19.10	3.65	ppb
Barium	137-1	19.33	18.72	19.47	19.17	2.09	ppb
Beryllium	9-1	1.98	2.02	2.22	2.07	6.29	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Boron	11-1	49.45	47.68	51.69	49.61	4.05	ppb
Boron	10-1	49.05	47.77	52.84	49.89	5.28	ppb
Cadmium	106-1	1.02	-0.03	1.03	0.67	90.67	ppb
Cadmium	108-1	2.42	1.79	2.17	2.13	14.82	ppb
Cadmium	111-1	1.86	1.79	1.85	1.83	2.04	ppb
Calcium	43-1	875.92	919.22	919.47	904.87	2.77	ppb
Calcium	44-1	919.44	887.25	918.40	908.36	2.01	ppb
Chromium	52-2	3.74	3.72	3.62	3.69	1.69	ppb
Cobalt	59-2	2.00	2.03	1.97	2.00	1.42	ppb
Copper	63-2	4.19	4.24	4.12	4.18	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	377.76	383.32	380.40	380.49	0.73	ppb
Iron	57-2	355.95	397.74	370.57	374.75	5.66	ppb
Lead	206-1	2.27	2.23	2.36	2.29	3.07	ppb
Lead	207-1	2.16	2.15	2.11	2.14	1.18	ppb
Lead	208-1	2.25	2.19	2.25	2.23	1.50	ppb
Lithium	6-1				111		%
Magnesium	24-2	917.35	937.34	944.51	933.07	1.51	ppb
Manganese	55-2	1.87	2.08	2.08	2.01	5.96	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:12:20	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	18.42	17.52	18.88	18.27	3.80	ppb
Molybdenum	94-1	6.92	6.74	7.11	6.92	2.62	ppb
Molybdenum	95-1	18.51	17.66	18.33	18.17	2.45	ppb
Molybdenum	96-1	15.46	15.13	15.81	15.46	2.21	ppb
Molybdenum	97-1	18.42	17.79	19.00	18.40	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.07	1.89	2.01	4.90	ppb
Phosphorus	31-2	16.77	-0.63	17.07	11.07	91.55	ppb
Potassium	39-2	924.92	938.88	951.18	938.33	1.40	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	17.03	8.61	0.00	8.55	99.65	ppb
Selenium	78-2	10.05	11.64	13.77	11.82	15.82	ppb
Selenium	82-1	10.76	9.34	9.43	9.85	8.09	ppb
Silicon	28-1	9.44	2.07	11.41	7.64	64.41	ppb
Silver	109-1	1.94	2.05	2.13	2.04	4.55	ppb
Silver	107-1	1.97	2.09	2.05	2.04	2.96	ppb
Sodium	23-2	940.08	958.59	948.70	949.13	0.98	ppb
Strontium	86-1	1.94	1.94	2.01	1.96	1.85	ppb
Strontium	88-1	2.00	1.94	2.05	2.00	2.66	ppb
Sulfur	34-1	-1155.15	-1582.46	-817.36	-1184.99		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	1.82	1.94	1.93	1.89	3.60	ppb
Thallium	205-1	1.94	1.89	2.01	1.95	3.10	ppb
Tin	118-1	9.86	9.48	9.83	9.72	2.18	ppb
Titanium	47-1	8.95	8.41	9.55	8.97	6.38	ppb
Uranium	238-1	1.86	1.76	1.87	1.83	3.09	ppb
Vanadium	51-2	9.57	9.41	9.44	9.47	0.86	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	3.70	3.99	4.38	4.03	8.50	ppb
Zirconium	90-1	1.83	1.75	1.93	1.84	5.06	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:12:20	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.84	1.81	1.95	1.87	3.75	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P8
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:17:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.68	6.49	7.94	8.71	30.76	ppb
Antimony	121-1	0.24	0.23	0.24	0.24	2.28	ppb
Arsenic	75-2	0.25	0.21	0.25	0.24	10.18	ppb
Barium	135-1	1.24	1.21	1.29	1.25	3.28	ppb
Barium	137-1	1.19	1.24	1.18	1.20	2.66	ppb
Beryllium	9-1	0.29	0.27	0.18	0.24	24.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	11-1	2.85	3.19	3.29	3.11	7.39	ppb
Boron	10-1	2.64	3.63	3.28	3.18	15.85	ppb
Cadmium	106-1	-1.81	0.15	-1.91	-1.19		ppb
Cadmium	108-1	0.20	0.11	0.22	0.18	33.23	ppb
Cadmium	111-1	0.07	0.28	0.10	0.15	75.40	ppb
Calcium	43-1	8.15	4.99	9.99	7.71	32.76	ppb
Calcium	44-1	16.56	19.10	24.11	19.93	19.29	ppb
Chromium	52-2	0.17	0.13	0.01	0.10	77.71	ppb
Cobalt	59-2	0.16	0.20	0.19	0.18	10.64	ppb
Copper	63-2	0.44	0.45	0.48	0.46	4.35	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				108		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	11.45	12.11	11.53	11.69	3.07	ppb
Iron	57-2	15.54	7.80	11.45	11.60	33.38	ppb
Lead	206-1	0.29	0.26	0.27	0.27	5.68	ppb
Lead	207-1	0.23	0.28	0.26	0.25	9.38	ppb
Lead	208-1	0.26	0.26	0.26	0.26	0.63	ppb
Lithium	6-1				108		%
Magnesium	24-2	26.65	30.45	30.82	29.31	7.87	ppb
Manganese	55-2	0.31	0.36	0.44	0.37	16.83	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P8
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:17:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.24	0.20	0.24	0.23	9.05	ppb
Molybdenum	94-1	0.23	0.23	0.22	0.23	2.84	ppb
Molybdenum	95-1	0.21	0.26	0.23	0.24	10.45	ppb
Molybdenum	96-1	0.21	0.20	0.26	0.22	15.14	ppb
Molybdenum	97-1	0.24	0.23	0.25	0.24	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.00	0.21	0.12	95.76	ppb
Phosphorus	31-2	18.33	-0.44	-0.01	5.96	179.90	ppb
Potassium	39-2	38.71	18.99	15.89	24.53	50.46	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	4.42	1.47	173.21	ppb
Selenium	78-2	1.32	-0.26	2.05	1.04	114.27	ppb
Selenium	82-1	0.14	0.15	-1.06	-0.26		ppb
Silicon	28-1	-16.67	-17.39	-10.94	-15.00		ppb
Silver	109-1	0.25	0.23	0.29	0.26	12.63	ppb
Silver	107-1	0.28	0.27	0.25	0.27	4.53	ppb
Sodium	23-2	55.67	50.55	52.81	53.01	4.84	ppb
Strontium	86-1	0.21	0.15	0.18	0.18	14.17	ppb
Strontium	88-1	0.23	0.24	0.23	0.23	3.56	ppb
Sulfur	34-1	-717.43	-1294.10	-159.05	-723.53		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.25	0.21	0.23	0.23	8.24	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	0.66	ppb
Tin	118-1	0.22	0.23	0.19	0.21	10.09	ppb
Titanium	47-1	0.29	0.22	0.29	0.26	14.58	ppb
Uranium	238-1	0.19	0.22	0.22	0.21	7.62	ppb
Vanadium	51-2	0.25	0.23	0.25	0.24	3.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.50	0.48	0.59	0.53	11.25	ppb
Zirconium	90-1	0.23	0.22	0.22	0.22	3.57	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P8
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:17:20	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.20	0.28	0.22	24.16	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P8
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:20:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.00	7.49	7.72	6.40	32.60	ppb
Antimony	121-1	0.26	0.25	0.24	0.25	3.04	ppb
Arsenic	75-2	0.35	0.10	0.30	0.25	51.86	ppb
Barium	135-1	1.10	1.34	1.11	1.18	11.73	ppb
Barium	137-1	1.26	1.29	1.22	1.26	2.87	ppb
Beryllium	9-1	0.28	0.26	0.30	0.28	6.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	11-1	3.07	2.82	2.80	2.90	5.34	ppb
Boron	10-1	3.06	2.55	2.46	2.69	12.14	ppb
Cadmium	106-1	-1.28	-0.12	-1.19	-0.86		ppb
Cadmium	108-1	0.17	0.38	0.24	0.26	40.64	ppb
Cadmium	111-1	0.15	0.19	0.08	0.14	39.49	ppb
Calcium	43-1	7.62	12.01	25.71	15.11	62.45	ppb
Calcium	44-1	16.57	22.93	22.75	20.75	17.44	ppb
Chromium	52-2	0.12	0.10	0.07	0.10	25.77	ppb
Cobalt	59-2	0.23	0.18	0.20	0.20	12.04	ppb
Copper	63-2	0.45	0.47	0.48	0.47	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	11.81	11.11	11.98	11.64	3.99	ppb
Iron	57-2	14.57	7.17	12.19	11.31	33.42	ppb
Lead	206-1	0.26	0.29	0.29	0.28	6.83	ppb
Lead	207-1	0.26	0.27	0.25	0.26	3.59	ppb
Lead	208-1	0.25	0.26	0.26	0.26	1.76	ppb
Lithium	6-1				105		%
Magnesium	24-2	28.14	27.89	25.44	27.16	5.50	ppb
Manganese	55-2	0.31	0.44	0.30	0.35	22.98	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P8
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:20:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.25	0.21	0.23	0.23	7.99	ppb
Molybdenum	94-1	0.26	0.23	0.23	0.24	5.95	ppb
Molybdenum	95-1	0.19	0.26	0.24	0.23	16.16	ppb
Molybdenum	96-1	0.22	0.23	0.24	0.23	5.12	ppb
Molybdenum	97-1	0.24	0.20	0.21	0.21	9.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.22	0.14	0.20	26.90	ppb
Phosphorus	31-2	-18.38	-18.38	-0.43	-12.40		ppb
Potassium	39-2	1.01	-3.92	12.41	3.16	264.69	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	-1.01	0.45	-0.28		ppb
Selenium	82-1	0.55	0.02	-0.31	0.09	502.18	ppb
Silicon	28-1	-16.79	-9.37	-15.28	-13.81		ppb
Silver	109-1	0.23	0.28	0.26	0.25	9.64	ppb
Silver	107-1	0.23	0.25	0.24	0.24	3.87	ppb
Sodium	23-2	52.64	46.52	60.07	53.07	12.79	ppb
Strontium	86-1	0.18	0.20	0.15	0.18	12.91	ppb
Strontium	88-1	0.26	0.26	0.24	0.25	3.83	ppb
Sulfur	34-1	-998.95	106.07	-658.80	-517.23		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.23	0.20	0.22	8.03	ppb
Thallium	205-1	0.26	0.27	0.27	0.26	1.87	ppb
Tin	118-1	0.25	0.23	0.25	0.24	4.86	ppb
Titanium	47-1	0.22	0.26	0.23	0.24	10.72	ppb
Uranium	238-1	0.20	0.24	0.22	0.22	9.21	ppb
Vanadium	51-2	0.20	0.19	0.23	0.21	10.80	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.66	0.49	0.49	0.54	18.05	ppb
Zirconium	90-1	0.22	0.22	0.23	0.22	2.97	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P8
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:20:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.25	0.18	0.24	21.93	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P8
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:23:41	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.70	6.68	3.83	4.74	35.54	ppb
Antimony	121-1	0.23	0.27	0.27	0.25	9.62	ppb
Arsenic	75-2	0.17	0.23	0.43	0.28	50.45	ppb
Barium	135-1	1.32	1.11	1.19	1.21	8.61	ppb
Barium	137-1	1.23	1.13	1.24	1.20	4.86	ppb
Beryllium	9-1	0.22	0.23	0.25	0.23	5.81	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	11-1	2.46	2.40	2.74	2.53	7.24	ppb
Boron	10-1	1.13	2.29	2.46	1.96	36.77	ppb
Cadmium	106-1	-1.69	-1.57	-2.46	-1.91		ppb
Cadmium	108-1	-0.01	0.15	0.21	0.11	97.87	ppb
Cadmium	111-1	0.10	0.09	0.05	0.08	29.22	ppb
Calcium	43-1	22.20	14.75	28.79	21.91	32.05	ppb
Calcium	44-1	14.86	17.09	18.99	16.98	12.16	ppb
Chromium	52-2	0.07	0.26	0.03	0.12	101.76	ppb
Cobalt	59-2	0.19	0.23	0.21	0.21	8.12	ppb
Copper	63-2	0.45	0.52	0.47	0.48	7.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	11.04	11.97	11.42	11.48	4.07	ppb
Iron	57-2	10.89	17.02	10.53	12.81	28.50	ppb
Lead	206-1	0.22	0.24	0.24	0.23	5.77	ppb
Lead	207-1	0.21	0.22	0.26	0.23	10.73	ppb
Lead	208-1	0.23	0.23	0.25	0.23	4.33	ppb
Lithium	6-1				108		%
Magnesium	24-2	24.78	23.55	27.18	25.17	7.34	ppb
Manganese	55-2	0.37	0.30	0.39	0.35	13.76	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P8
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:23:41	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.22	0.21	0.21	0.21	2.75	ppb
Molybdenum	94-1	0.22	0.24	0.23	0.23	5.05	ppb
Molybdenum	95-1	0.24	0.23	0.24	0.24	1.66	ppb
Molybdenum	96-1	0.20	0.24	0.22	0.22	10.69	ppb
Molybdenum	97-1	0.26	0.24	0.27	0.26	5.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.07	0.15	0.10	47.05	ppb
Phosphorus	31-2	-1.45	-18.38	16.25	-1.19		ppb
Potassium	39-2	-5.08	22.54	4.86	7.44	187.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.89	0.50	1.18	1.19	58.46	ppb
Selenium	82-1	-0.13	0.69	-0.03	0.18	252.66	ppb
Silicon	28-1	-17.84	-10.81	-12.01	-13.55		ppb
Silver	109-1	0.25	0.24	0.26	0.25	4.68	ppb
Silver	107-1	0.24	0.26	0.26	0.26	3.63	ppb
Sodium	23-2	49.36	50.41	48.80	49.52	1.65	ppb
Strontium	86-1	0.24	0.24	0.12	0.20	33.82	ppb
Strontium	88-1	0.22	0.23	0.25	0.23	5.57	ppb
Sulfur	34-1	-945.99	-499.58	-585.83	-677.13		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.22	0.22	0.22	1.23	ppb
Thallium	205-1	0.23	0.25	0.24	0.24	4.36	ppb
Tin	118-1	0.19	0.23	0.25	0.22	13.37	ppb
Titanium	47-1	0.22	0.18	0.25	0.22	15.24	ppb
Uranium	238-1	0.20	0.22	0.21	0.21	4.54	ppb
Vanadium	51-2	0.20	0.19	0.29	0.23	23.35	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.57	0.50	0.52	0.53	6.81	ppb
Zirconium	90-1	0.22	0.22	0.21	0.22	3.22	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P8
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:23:41	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.25	0.24	0.24	7.62	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P8
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:26:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.23	5.14	11.38	7.59	43.93	ppb
Antimony	121-1	0.26	0.27	0.24	0.26	5.69	ppb
Arsenic	75-2	0.18	0.20	0.15	0.18	14.00	ppb
Barium	135-1	1.05	1.21	1.25	1.17	9.14	ppb
Barium	137-1	1.19	1.14	1.14	1.16	2.54	ppb
Beryllium	9-1	0.22	0.24	0.29	0.25	13.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	11-1	2.12	1.76	2.31	2.07	13.58	ppb
Boron	10-1	1.44	2.04	2.18	1.88	20.76	ppb
Cadmium	106-1	-1.64	-1.23	-1.73	-1.54		ppb
Cadmium	108-1	0.21	0.12	0.06	0.13	59.69	ppb
Cadmium	111-1	0.07	0.10	0.10	0.09	20.62	ppb
Calcium	43-1	22.86	6.57	16.65	15.36	53.53	ppb
Calcium	44-1	18.73	22.80	21.78	21.10	10.03	ppb
Chromium	52-2	0.20	0.01	0.08	0.10	97.88	ppb
Cobalt	59-2	0.23	0.19	0.19	0.20	9.94	ppb
Copper	63-2	0.51	0.55	0.61	0.56	9.07	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				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	11.41	11.86	10.93	11.40	4.07	ppb
Iron	57-2	9.55	16.54	11.09	12.39	29.64	ppb
Lead	206-1	0.26	0.26	0.25	0.26	1.56	ppb
Lead	207-1	0.25	0.19	0.25	0.23	14.27	ppb
Lead	208-1	0.24	0.25	0.24	0.24	3.14	ppb
Lithium	6-1				107		%
Magnesium	24-2	24.93	29.55	23.65	26.05	11.92	ppb
Manganese	55-2	0.25	0.40	0.43	0.36	26.84	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P8
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:26:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.23	0.20	0.23	0.22	6.75	ppb
Molybdenum	94-1	0.22	0.19	0.22	0.21	9.40	ppb
Molybdenum	95-1	0.19	0.27	0.26	0.24	17.88	ppb
Molybdenum	96-1	0.20	0.22	0.20	0.21	4.74	ppb
Molybdenum	97-1	0.26	0.23	0.23	0.24	7.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.14	0.04	0.07	90.60	ppb
Phosphorus	31-2	-18.38	52.18	-18.38	5.14	793.05	ppb
Potassium	39-2	7.54	3.95	12.31	7.93	52.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	4.19	0.00	0.00	1.40	173.21	ppb
Selenium	78-2	-0.29	-0.28	-1.01	-0.53		ppb
Selenium	82-1	0.23	-0.19	0.26	0.10	259.02	ppb
Silicon	28-1	-14.29	-12.90	-10.28	-12.49		ppb
Silver	109-1	0.25	0.24	0.25	0.25	2.32	ppb
Silver	107-1	0.24	0.24	0.28	0.25	8.19	ppb
Sodium	23-2	47.10	47.68	51.43	48.74	4.83	ppb
Strontium	86-1	0.28	0.26	0.22	0.25	12.15	ppb
Strontium	88-1	0.24	0.24	0.23	0.24	2.23	ppb
Sulfur	34-1	-382.17	-351.87	-224.98	-319.67		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.25	0.27	0.25	0.26	4.55	ppb
Thallium	205-1	0.24	0.23	0.26	0.24	7.30	ppb
Tin	118-1	0.25	0.24	0.20	0.23	11.26	ppb
Titanium	47-1	0.19	0.25	0.24	0.23	13.49	ppb
Uranium	238-1	0.19	0.21	0.19	0.20	5.13	ppb
Vanadium	51-2	0.20	0.24	0.27	0.24	13.93	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	0.62	0.69	0.58	0.63	9.60	ppb
Zirconium	90-1	0.22	0.22	0.24	0.23	6.67	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P8
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:26:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.23	0.25	0.25	7.78	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P8
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:30:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.64	9.99	8.77	8.80	13.31	ppb
Antimony	121-1	0.27	0.24	0.25	0.25	5.43	ppb
Arsenic	75-2	0.27	0.32	0.31	0.30	8.35	ppb
Barium	135-1	1.16	1.04	1.12	1.10	5.47	ppb
Barium	137-1	1.23	1.20	1.20	1.21	1.51	ppb
Beryllium	9-1	0.28	0.27	0.29	0.28	3.68	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	11-1	1.44	1.63	1.87	1.65	13.27	ppb
Boron	10-1	2.77	1.88	1.56	2.07	30.25	ppb
Cadmium	106-1	-0.02	-1.90	-1.56	-1.16		ppb
Cadmium	108-1	0.15	0.21	0.24	0.20	23.90	ppb
Cadmium	111-1	0.23	0.12	0.11	0.15	46.19	ppb
Calcium	43-1	20.87	3.40	21.63	15.30	67.41	ppb
Calcium	44-1	18.05	17.80	18.60	18.15	2.26	ppb
Chromium	52-2	0.14	0.12	0.05	0.10	47.02	ppb
Cobalt	59-2	0.21	0.27	0.23	0.24	11.91	ppb
Copper	63-2	0.45	0.48	0.47	0.46	3.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	12.01	11.44	11.42	11.63	2.85	ppb
Iron	57-2	11.33	12.66	12.28	12.09	5.65	ppb
Lead	206-1	0.22	0.21	0.22	0.22	3.17	ppb
Lead	207-1	0.25	0.28	0.25	0.26	7.95	ppb
Lead	208-1	0.23	0.24	0.25	0.24	3.88	ppb
Lithium	6-1				108		%
Magnesium	24-2	21.68	23.47	23.67	22.94	4.79	ppb
Manganese	55-2	0.40	0.27	0.54	0.40	32.61	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P8
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:30:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.21	0.22	0.21	0.21	1.54	ppb
Molybdenum	94-1	0.26	0.23	0.25	0.24	7.00	ppb
Molybdenum	95-1	0.19	0.26	0.23	0.23	14.47	ppb
Molybdenum	96-1	0.23	0.23	0.20	0.22	8.11	ppb
Molybdenum	97-1	0.21	0.21	0.22	0.21	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.13	0.19	0.15	24.28	ppb
Phosphorus	31-2	-0.57	-18.38	16.98	-0.66		ppb
Potassium	39-2	19.99	15.63	12.29	15.97	24.17	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.46	-1.01	2.68	0.71	261.65	ppb
Selenium	82-1	0.17	-0.26	0.28	0.06	479.91	ppb
Silicon	28-1	-16.69	-11.95	-14.50	-14.38		ppb
Silver	109-1	0.25	0.22	0.24	0.24	6.12	ppb
Silver	107-1	0.23	0.25	0.23	0.23	5.04	ppb
Sodium	23-2	46.25	48.79	47.20	47.41	2.70	ppb
Strontium	86-1	0.15	0.22	0.17	0.18	19.12	ppb
Strontium	88-1	0.23	0.26	0.24	0.24	5.20	ppb
Sulfur	34-1	-527.04	-627.95	-658.86	-604.62		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.21	0.26	0.23	12.12	ppb
Thallium	205-1	0.25	0.24	0.24	0.24	2.11	ppb
Tin	118-1	0.22	0.24	0.17	0.21	17.72	ppb
Titanium	47-1	0.16	0.22	0.20	0.19	15.35	ppb
Uranium	238-1	0.20	0.21	0.21	0.21	4.26	ppb
Vanadium	51-2	0.18	0.20	0.17	0.19	9.23	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.48	0.61	0.74	0.61	21.43	ppb
Zirconium	90-1	0.23	0.23	0.24	0.23	1.26	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P8
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:30:02	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.16	0.19	0.20	19.57	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P8
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:33:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.37	7.61	6.52	6.50	17.28	ppb
Antimony	121-1	0.23	0.22	0.26	0.24	9.23	ppb
Arsenic	75-2	0.07	0.44	0.29	0.27	68.97	ppb
Barium	135-1	1.13	1.12	1.22	1.16	5.06	ppb
Barium	137-1	1.21	1.14	1.23	1.19	4.18	ppb
Beryllium	9-1	0.26	0.25	0.22	0.24	9.39	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	11-1	1.58	1.45	1.43	1.48	5.39	ppb
Boron	10-1	0.31	1.72	0.84	0.96	75.04	ppb
Cadmium	106-1	-2.04	-0.53	-1.11	-1.23		ppb
Cadmium	108-1	0.18	0.36	0.12	0.22	57.70	ppb
Cadmium	111-1	0.11	0.18	0.12	0.14	23.75	ppb
Calcium	43-1	-0.04	10.06	7.62	5.88	89.57	ppb
Calcium	44-1	19.70	15.66	14.02	16.46	17.76	ppb
Chromium	52-2	0.14	0.10	0.23	0.16	44.32	ppb
Cobalt	59-2	0.22	0.19	0.20	0.21	7.30	ppb
Copper	63-2	0.50	0.47	0.42	0.46	7.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	11.52	11.15	11.23	11.30	1.71	ppb
Iron	57-2	13.88	8.76	12.24	11.62	22.50	ppb
Lead	206-1	0.20	0.20	0.22	0.21	4.91	ppb
Lead	207-1	0.20	0.20	0.23	0.21	10.63	ppb
Lead	208-1	0.21	0.22	0.23	0.22	3.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	24.30	26.58	24.01	24.96	5.62	ppb
Manganese	55-2	0.44	0.17	0.29	0.30	45.38	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P8
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:33:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.21	0.20	0.25	0.22	12.00	ppb
Molybdenum	94-1	0.21	0.20	0.22	0.21	3.28	ppb
Molybdenum	95-1	0.24	0.22	0.20	0.22	7.90	ppb
Molybdenum	96-1	0.22	0.21	0.19	0.21	7.04	ppb
Molybdenum	97-1	0.20	0.21	0.22	0.21	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.15	0.28	0.21	30.84	ppb
Phosphorus	31-2	-18.38	-0.62	53.68	11.56	324.87	ppb
Potassium	39-2	10.89	23.88	2.05	12.27	89.42	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	-1.01	0.48	-0.01		ppb
Selenium	82-1	0.58	-0.05	0.60	0.38	98.47	ppb
Silicon	28-1	-14.20	-10.45	-15.02	-13.23		ppb
Silver	109-1	0.24	0.26	0.22	0.24	7.70	ppb
Silver	107-1	0.23	0.20	0.23	0.22	8.06	ppb
Sodium	23-2	55.76	51.59	50.67	52.68	5.15	ppb
Strontium	86-1	0.29	0.19	0.17	0.22	28.75	ppb
Strontium	88-1	0.24	0.23	0.22	0.23	4.74	ppb
Sulfur	34-1	-577.38	-398.95	-569.97	-515.43		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.24	0.22	0.23	3.10	ppb
Thallium	205-1	0.23	0.24	0.24	0.24	0.70	ppb
Tin	118-1	0.24	0.22	0.26	0.24	9.20	ppb
Titanium	47-1	0.32	0.19	0.28	0.26	26.15	ppb
Uranium	238-1	0.19	0.19	0.21	0.20	4.52	ppb
Vanadium	51-2	0.22	0.19	0.24	0.22	12.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.70	0.61	0.44	0.58	22.47	ppb
Zirconium	90-1	0.22	0.21	0.23	0.22	5.28	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P8
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:33:12	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.19	0.26	0.21	23.95	ppb

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : Water MDL-7 Instrumnet Name : P8
 Client Sample ID : Water MDL-7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 13:36:22 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.17	6.41	3.95	6.84	45.78	ppb
Antimony	121-1	0.26	0.24	0.25	0.25	4.18	ppb
Arsenic	75-2	0.27	0.22	0.32	0.27	18.98	ppb
Barium	135-1	1.23	1.19	1.26	1.23	2.74	ppb
Barium	137-1	1.29	1.33	1.17	1.26	6.67	ppb
Beryllium	9-1	0.24	0.26	0.27	0.26	6.28	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	11-1	1.70	1.38	1.76	1.61	12.69	ppb
Boron	10-1	1.57	0.85	1.72	1.38	33.72	ppb
Cadmium	106-1	-1.97	-1.36	-2.32	-1.88		ppb
Cadmium	108-1	0.09	0.15	-0.01	0.08	100.97	ppb
Cadmium	111-1	0.11	0.14	0.11	0.12	14.76	ppb
Calcium	43-1	13.51	16.09	15.39	14.99	8.91	ppb
Calcium	44-1	24.23	19.30	20.98	21.50	11.66	ppb
Chromium	52-2	0.06	0.08	0.10	0.08	24.71	ppb
Cobalt	59-2	0.26	0.17	0.19	0.21	20.36	ppb
Copper	63-2	0.49	0.43	0.42	0.45	9.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	12.13	12.00	11.46	11.86	3.00	ppb
Iron	57-2	8.55	9.12	15.87	11.18	36.41	ppb
Lead	206-1	0.24	0.21	0.26	0.24	10.49	ppb
Lead	207-1	0.25	0.21	0.25	0.24	9.80	ppb
Lead	208-1	0.24	0.23	0.23	0.24	3.71	ppb
Lithium	6-1				107		%
Magnesium	24-2	25.46	29.33	27.15	27.31	7.11	ppb
Manganese	55-2	0.42	0.33	0.37	0.37	12.00	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P8
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:36:22	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.25	0.24	0.18	0.22	15.37	ppb
Molybdenum	94-1	0.24	0.21	0.23	0.22	6.20	ppb
Molybdenum	95-1	0.25	0.19	0.28	0.24	18.88	ppb
Molybdenum	96-1	0.20	0.21	0.19	0.20	5.53	ppb
Molybdenum	97-1	0.17	0.18	0.26	0.21	21.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	-0.03	0.12	0.11	125.24	ppb
Phosphorus	31-2	-0.42	-0.62	-0.72	-0.58		ppb
Potassium	39-2	17.02	34.18	3.41	18.20	84.71	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.19	1.19	2.69	1.69	51.24	ppb
Selenium	82-1	0.38	-0.05	0.60	0.31	108.33	ppb
Silicon	28-1	-7.72	-13.72	-14.47	-11.97		ppb
Silver	109-1	0.25	0.26	0.22	0.24	9.35	ppb
Silver	107-1	0.25	0.26	0.26	0.26	1.28	ppb
Sodium	23-2	49.58	45.41	43.29	46.09	6.94	ppb
Strontium	86-1	0.25	0.20	0.21	0.22	12.53	ppb
Strontium	88-1	0.24	0.24	0.22	0.23	4.72	ppb
Sulfur	34-1	55.21	-373.92	-367.65	-228.79		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.24	0.26	0.24	8.35	ppb
Thallium	205-1	0.22	0.25	0.25	0.24	6.26	ppb
Tin	118-1	0.25	0.24	0.25	0.25	3.36	ppb
Titanium	47-1	0.38	0.20	0.25	0.28	32.93	ppb
Uranium	238-1	0.22	0.21	0.21	0.22	1.67	ppb
Vanadium	51-2	0.29	0.20	0.24	0.24	16.96	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.33	0.68	0.32	0.44	46.66	ppb
Zirconium	90-1	0.26	0.22	0.24	0.24	8.76	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P8
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:36:22	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.24	0.23	0.24	2.68	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:39:34	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.14	10.17	7.03	13.45	63.49	ppb
Antimony	121-1	0.13	0.16	0.15	0.15	10.29	ppb
Arsenic	75-2	0.21	0.21	0.08	0.16	43.91	ppb
Barium	135-1	97.04	98.43	99.74	98.40	1.37	ppb
Barium	137-1	97.88	96.52	100.17	98.19	1.88	ppb
Beryllium	9-1	-0.05	-0.01	-0.01	-0.02		ppb
Bismuth	209-1				115		%
Bismuth	209-2				112		%
Boron	11-1	104.47	109.18	112.53	108.73	3.72	ppb
Boron	10-1	101.58	107.58	108.65	105.94	3.60	ppb
Cadmium	106-1	-1.84	-0.55	-1.55	-1.31		ppb
Cadmium	108-1	-0.05	-0.05	-0.05	-0.05		ppb
Cadmium	111-1	-0.13	-0.02	-0.11	-0.09		ppb
Calcium	43-1	112055.60	113270.32	115959.18	113761.70	1.76	ppb
Calcium	44-1	112345.68	112242.40	114730.54	113106.21	1.24	ppb
Chromium	52-2	-0.19	-0.24	-0.23	-0.22		ppb
Cobalt	59-2	0.92	0.86	0.89	0.89	3.36	ppb
Copper	63-2	1.54	1.75	1.55	1.62	7.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				114		%
Indium	115-1				113		%
Indium	115-2				110		%
Iron	56-2	2344.78	2284.96	2298.48	2309.41	1.36	ppb
Iron	57-2	2292.07	2224.21	2228.93	2248.40	1.69	ppb
Lead	206-1	0.28	0.25	0.27	0.27	5.91	ppb
Lead	207-1	0.25	0.24	0.24	0.24	1.52	ppb
Lead	208-1	0.26	0.25	0.25	0.26	2.72	ppb
Lithium	6-1				111		%
Magnesium	24-2	22346.03	21926.32	22183.93	22152.09	0.96	ppb
Manganese	55-2	2878.79	2788.72	2811.63	2826.38	1.66	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:39:34	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.57	0.66	0.65	0.63	8.05	ppb
Molybdenum	94-1	0.23	0.25	0.26	0.25	7.15	ppb
Molybdenum	95-1	0.62	0.64	0.64	0.63	2.27	ppb
Molybdenum	96-1	0.48	0.55	0.52	0.52	7.28	ppb
Molybdenum	97-1	0.53	0.62	0.57	0.58	7.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.61	3.75	3.88	3.75	3.61	ppb
Phosphorus	31-2	-1.56	-18.38	15.03	-1.64		ppb
Potassium	39-2	2206.96	2097.63	2112.70	2139.09	2.77	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	3.99	3.98	0.00	2.66	86.60	ppb
Selenium	78-2	0.37	0.37	-1.01	-0.09		ppb
Selenium	82-1	0.46	-0.18	0.55	0.28	141.74	ppb
Silicon	28-1	6079.46	5924.28	6151.93	6051.89	1.92	ppb
Silver	109-1	0.20	0.23	0.25	0.23	9.61	ppb
Silver	107-1	0.21	0.23	0.23	0.22	5.83	ppb
Sodium	23-2	25323.53	24463.51	25302.68	25029.90	1.96	ppb
Strontium	86-1	313.21	316.19	320.80	316.73	1.21	ppb
Strontium	88-1	316.11	321.72	325.87	321.23	1.53	ppb
Sulfur	34-1	26813.02	26723.10	27376.62	26970.92	1.31	ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	0.04	0.04	0.03	0.04	14.06	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.43	ppb
Tin	118-1	0.07	0.05	0.05	0.05	22.02	ppb
Titanium	47-1	0.23	0.31	0.28	0.27	14.05	ppb
Uranium	238-1	1.12	1.14	1.15	1.13	1.12	ppb
Vanadium	51-2	0.36	0.20	0.21	0.26	35.13	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	9.03	9.11	8.88	9.01	1.33	ppb
Zirconium	90-1	0.10	0.10	0.11	0.10	5.98	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:39:34	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.09	0.07	0.09	17.50	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:42:41	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.72	9.56	7.10	9.46	24.44	ppb
Antimony	121-1	0.12	0.11	0.13	0.12	7.29	ppb
Arsenic	75-2	0.13	0.29	0.24	0.22	37.20	ppb
Barium	135-1	96.49	96.36	104.36	99.07	4.62	ppb
Barium	137-1	96.78	97.33	104.53	99.55	4.34	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				111		%
Boron	11-1	110.82	114.16	126.78	117.25	7.18	ppb
Boron	10-1	109.62	113.46	123.78	115.62	6.33	ppb
Cadmium	106-1	-1.98	-1.95	-0.86	-1.60		ppb
Cadmium	108-1	-0.05	-0.02	0.02	-0.02		ppb
Cadmium	111-1	-0.13	-0.13	-0.04	-0.10		ppb
Calcium	43-1	112320.56	114675.80	120241.63	115746.00	3.51	ppb
Calcium	44-1	111827.33	112557.37	119530.69	114638.47	3.71	ppb
Chromium	52-2	-0.25	-0.19	-0.20	-0.21		ppb
Cobalt	59-2	0.95	0.98	0.94	0.95	2.05	ppb
Copper	63-2	1.51	1.51	1.54	1.52	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	2336.72	2356.78	2308.47	2333.99	1.04	ppb
Iron	57-2	2264.10	2299.21	2260.03	2274.45	0.95	ppb
Lead	206-1	0.25	0.20	0.28	0.24	17.18	ppb
Lead	207-1	0.20	0.19	0.22	0.20	9.39	ppb
Lead	208-1	0.22	0.20	0.24	0.22	7.23	ppb
Lithium	6-1				106		%
Magnesium	24-2	22402.14	22452.72	22227.31	22360.72	0.53	ppb
Manganese	55-2	2839.92	2855.31	2823.57	2839.60	0.56	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:42:41	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.61	0.58	0.66	0.62	5.95	ppb
Molybdenum	94-1	0.26	0.25	0.26	0.26	2.65	ppb
Molybdenum	95-1	0.66	0.66	0.67	0.66	0.64	ppb
Molybdenum	96-1	0.46	0.58	0.60	0.55	13.18	ppb
Molybdenum	97-1	0.62	0.64	0.65	0.64	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.83	3.73	3.96	3.84	3.04	ppb
Phosphorus	31-2	-18.38	15.76	-18.38	-7.00		ppb
Potassium	39-2	2159.58	2188.47	2124.17	2157.41	1.49	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.79	-0.31	-0.31	0.39	309.92	ppb
Selenium	82-1	-0.07	0.15	0.79	0.29	154.28	ppb
Silicon	28-1	6005.64	6007.70	6369.53	6127.62	3.42	ppb
Silver	109-1	0.24	0.24	0.23	0.24	1.69	ppb
Silver	107-1	0.23	0.21	0.24	0.23	6.53	ppb
Sodium	23-2	25494.12	25298.50	25067.90	25286.84	0.84	ppb
Strontium	86-1	318.78	319.69	337.97	325.48	3.33	ppb
Strontium	88-1	322.60	321.13	342.72	328.82	3.67	ppb
Sulfur	34-1	26029.83	26542.86	28887.90	27153.53	5.61	ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	0.00	0.01	0.02	0.01	88.88	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	41.64	ppb
Tin	118-1	0.05	0.03	0.04	0.04	30.52	ppb
Titanium	47-1	0.31	0.30	0.43	0.35	21.05	ppb
Uranium	238-1	1.11	1.11	1.23	1.15	5.60	ppb
Vanadium	51-2	0.24	0.30	0.23	0.26	13.46	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	8.63	8.28	8.14	8.35	3.03	ppb
Zirconium	90-1	0.09	0.08	0.10	0.09	8.83	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:42:41	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.10	0.08	0.08	15.04	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-20 13:45:50	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	2.70	3.95	2.32	79.49	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	31.22	ppb
Arsenic	75-2	0.08	0.00	0.07	0.05	81.40	ppb
Barium	135-1	19.30	19.18	19.06	19.18	0.62	ppb
Barium	137-1	19.51	18.92	19.11	19.18	1.58	ppb
Beryllium	9-1	-0.01	0.03	-0.04	-0.01		ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	11-1	27.76	26.73	26.40	26.96	2.63	ppb
Boron	10-1	26.92	27.53	24.75	26.40	5.54	ppb
Cadmium	106-1	-2.16	-2.20	-1.84	-2.07		ppb
Cadmium	108-1	0.05	-0.07	-0.10	-0.04		ppb
Cadmium	111-1	-0.17	-0.15	-0.12	-0.15		ppb
Calcium	43-1	22662.71	22196.32	22050.55	22303.19	1.43	ppb
Calcium	44-1	22807.37	22264.18	22578.25	22549.93	1.21	ppb
Chromium	52-2	-0.09	-0.12	-0.09	-0.10		ppb
Cobalt	59-2	0.17	0.14	0.18	0.16	11.45	ppb
Copper	63-2	0.38	0.41	0.39	0.39	3.77	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				112		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	439.93	438.92	444.20	441.02	0.63	ppb
Iron	57-2	457.14	422.00	438.93	439.35	4.00	ppb
Lead	206-1	0.04	0.02	0.04	0.04	28.83	ppb
Lead	207-1	0.04	0.03	0.02	0.03	18.47	ppb
Lead	208-1	0.04	0.03	0.04	0.04	16.85	ppb
Lithium	6-1				105		%
Magnesium	24-2	4367.14	4333.04	4405.12	4368.43	0.83	ppb
Manganese	55-2	552.84	551.35	549.34	551.18	0.32	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-20 13:45:50	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.10	0.11	0.10	0.11	8.18	ppb
Molybdenum	94-1	0.05	0.06	0.05	0.05	10.84	ppb
Molybdenum	95-1	0.16	0.15	0.12	0.14	12.93	ppb
Molybdenum	96-1	0.09	0.08	0.14	0.10	32.13	ppb
Molybdenum	97-1	0.10	0.10	0.11	0.10	5.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.03	0.01	129.71	ppb
Phosphorus	31-2	-0.92	-0.89	-18.38	-6.73		ppb
Potassium	39-2	405.30	394.39	402.26	400.65	1.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.42	0.44	-1.01	-0.05		ppb
Selenium	82-1	0.23	0.21	0.51	0.32	51.77	ppb
Silicon	28-1	1202.52	1162.42	1181.63	1182.19	1.70	ppb
Silver	109-1	0.07	0.08	0.07	0.07	5.18	ppb
Silver	107-1	0.08	0.09	0.08	0.08	4.95	ppb
Sodium	23-2	4808.57	4729.48	4779.76	4772.60	0.84	ppb
Strontium	86-1	62.85	62.15	62.88	62.63	0.66	ppb
Strontium	88-1	65.34	62.31	62.96	63.54	2.51	ppb
Sulfur	34-1	6560.33	6002.60	6072.51	6211.81	4.89	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.03	0.11	-0.03	0.02	498.24	ppb
Titanium	47-1	0.14	0.14	0.11	0.13	12.70	ppb
Uranium	238-1	0.22	0.21	0.22	0.21	1.97	ppb
Vanadium	51-2	0.08	0.09	0.04	0.07	39.81	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	1.90	1.70	1.94	1.85	6.92	ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	28.35	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-20 13:45:50	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	36.21	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:48:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1927.45	2018.99	2017.98	1988.14	2.64	ppb
Antimony	121-1	106.60	102.79	115.60	108.33	6.07	ppb
Arsenic	75-2	43.23	43.32	43.95	43.50	0.89	ppb
Barium	135-1	2250.41	2196.79	2411.75	2286.32	4.89	ppb
Barium	137-1	2208.97	2143.83	2403.38	2252.06	6.00	ppb
Beryllium	9-1	56.34	56.52	61.04	57.97	4.59	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	11-1	107.22	108.28	118.93	111.47	5.81	ppb
Boron	10-1	108.54	112.31	119.47	113.44	4.89	ppb
Cadmium	106-1	46.96	42.17	52.67	47.27	11.12	ppb
Cadmium	108-1	48.79	49.54	53.99	50.77	5.53	ppb
Cadmium	111-1	53.34	51.10	57.56	54.00	6.07	ppb
Calcium	43-1	112096.44	109084.68	119917.40	113699.51	4.92	ppb
Calcium	44-1	111411.24	108320.64	119352.18	113028.02	5.03	ppb
Chromium	52-2	214.89	212.84	212.17	213.30	0.67	ppb
Cobalt	59-2	542.72	541.71	540.86	541.76	0.17	ppb
Copper	63-2	270.28	272.66	271.27	271.40	0.44	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				120		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	56-2	3406.62	3418.11	3381.30	3402.01	0.55	ppb
Iron	57-2	3308.20	3273.94	3272.10	3284.74	0.62	ppb
Lead	206-1	21.51	20.62	22.79	21.64	5.02	ppb
Lead	207-1	21.03	20.47	22.48	21.32	4.88	ppb
Lead	208-1	21.23	20.56	22.53	21.44	4.66	ppb
Lithium	6-1				107		%
Magnesium	24-2	22061.13	21920.76	21931.97	21971.28	0.36	ppb
Manganese	55-2	3335.75	3334.97	3326.64	3332.45	0.15	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:48:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.63	0.59	0.68	0.63	7.21	ppb
Molybdenum	94-1	0.24	0.24	0.29	0.26	10.06	ppb
Molybdenum	95-1	0.74	0.65	0.76	0.72	8.24	ppb
Molybdenum	96-1	0.54	0.58	0.54	0.55	4.44	ppb
Molybdenum	97-1	0.67	0.62	0.72	0.67	7.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	540.97	543.57	539.55	541.36	0.38	ppb
Phosphorus	31-2	-1.10	33.14	-18.38	4.55	576.34	ppb
Potassium	39-2	2133.57	2083.18	2056.10	2090.95	1.88	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	77-2	99.76	103.51	120.22	107.83	10.10	ppb
Selenium	78-2	104.74	118.65	119.52	114.30	7.26	ppb
Selenium	82-1	109.16	103.27	115.44	109.29	5.57	ppb
Silicon	28-1	5899.72	5670.06	6281.42	5950.40	5.19	ppb
Silver	109-1	49.55	48.03	54.09	50.56	6.23	ppb
Silver	107-1	49.98	47.97	54.08	50.68	6.14	ppb
Sodium	23-2	24946.19	24620.68	24833.29	24800.05	0.67	ppb
Strontium	86-1	311.66	305.26	339.67	318.86	5.74	ppb
Strontium	88-1	316.71	307.98	339.01	321.23	4.98	ppb
Sulfur	34-1	25539.10	23733.25	27256.66	25509.67	6.91	ppb
Terbium	159-1				118		%
Terbium	159-2				110		%
Thallium	203-1	53.81	51.33	56.77	53.97	5.05	ppb
Thallium	205-1	54.34	52.67	57.40	54.80	4.38	ppb
Tin	118-1	0.08	0.05	0.13	0.09	51.16	ppb
Titanium	47-1	0.24	0.43	0.31	0.33	29.50	ppb
Uranium	238-1	1.13	1.10	1.18	1.14	3.61	ppb
Vanadium	51-2	542.34	541.53	540.87	541.58	0.14	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	547.89	547.67	551.28	548.95	0.37	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	5.82	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:48:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.10	0.14	0.11	34.04	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:52:09	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49582.85	50128.10	50130.68	49947.21	0.63	ppb
Antimony	121-1	509.38	502.73	503.96	505.36	0.70	ppb
Arsenic	75-2	506.12	503.96	513.70	507.92	1.01	ppb
Barium	135-1	2565.13	2546.08	2581.75	2564.32	0.70	ppb
Barium	137-1	2543.27	2514.72	2519.69	2525.90	0.60	ppb
Beryllium	9-1	527.54	523.35	515.67	522.19	1.15	ppb
Bismuth	209-1				114		%
Bismuth	209-2				99		%
Boron	11-1	523.48	523.33	523.00	523.27	0.05	ppb
Boron	10-1	521.21	523.04	530.19	524.81	0.90	ppb
Cadmium	106-1	504.43	488.59	498.34	497.12	1.61	ppb
Cadmium	108-1	484.99	492.95	492.25	490.06	0.90	ppb
Cadmium	111-1	489.79	484.75	489.52	488.02	0.58	ppb
Calcium	43-1	245000.41	245873.55	245792.13	245555.37	0.20	ppb
Calcium	44-1	244361.03	248328.42	244894.52	245861.32	0.88	ppb
Chromium	52-2	501.91	503.73	508.44	504.70	0.67	ppb
Cobalt	59-2	499.35	497.72	502.62	499.90	0.50	ppb
Copper	63-2	990.27	996.01	998.70	994.99	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	56-2	125736.48	125708.18	126160.55	125868.40	0.20	ppb
Iron	57-2	128041.63	127497.73	127113.84	127551.07	0.37	ppb
Lead	206-1	523.36	525.41	517.56	522.11	0.78	ppb
Lead	207-1	520.37	522.30	515.71	519.46	0.65	ppb
Lead	208-1	519.03	519.20	514.29	517.51	0.54	ppb
Lithium	6-1				116		%
Magnesium	24-2	248660.45	247824.84	249972.42	248819.24	0.44	ppb
Manganese	55-2	1013.96	1016.98	1015.43	1015.45	0.15	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:52:09	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	507.13	510.48	502.94	506.85	0.75	ppb
Molybdenum	94-1	500.89	506.99	510.60	506.16	0.97	ppb
Molybdenum	95-1	509.12	514.16	507.59	510.29	0.67	ppb
Molybdenum	96-1	504.85	512.76	506.33	507.98	0.83	ppb
Molybdenum	97-1	497.10	502.24	500.25	499.86	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.21	496.33	495.04	493.53	0.77	ppb
Phosphorus	31-2	10399.42	10255.15	10565.92	10406.83	1.49	ppb
Potassium	39-2	124880.03	124983.13	126439.98	125434.38	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	491.40	424.98	477.10	464.50	7.53	ppb
Selenium	78-2	512.31	541.92	507.66	520.63	3.57	ppb
Selenium	82-1	488.04	500.70	493.21	493.98	1.29	ppb
Silicon	28-1	507.86	514.64	503.77	508.76	1.08	ppb
Silver	109-1	502.83	497.78	510.09	503.56	1.23	ppb
Silver	107-1	508.16	497.46	499.33	501.65	1.14	ppb
Sodium	23-2	243638.12	244247.94	246592.94	244826.33	0.64	ppb
Strontium	86-1	507.75	514.29	510.09	510.71	0.65	ppb
Strontium	88-1	519.11	521.53	517.34	519.33	0.41	ppb
Sulfur	34-1	11360.41	11634.40	11538.44	11511.08	1.21	ppb
Terbium	159-1				116		%
Terbium	159-2				106		%
Thallium	203-1	522.23	523.82	516.89	520.98	0.70	ppb
Thallium	205-1	516.49	516.26	508.53	513.76	0.88	ppb
Tin	118-1	511.11	503.71	508.87	507.90	0.75	ppb
Titanium	47-1	506.27	507.02	509.43	507.57	0.33	ppb
Uranium	238-1	518.77	526.53	522.96	522.75	0.74	ppb
Vanadium	51-2	508.94	509.02	517.33	511.76	0.94	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	980.05	993.09	992.60	988.58	0.75	ppb
Zirconium	90-1	502.42	507.47	503.42	504.44	0.53	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:52:09	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.90	513.63	501.84	505.79	1.34	ppb

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : CCB041 Instrumnet Name : P8
 Client Sample ID : CCB041 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 13:55:11 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.12	0.50	0.55	1.72	120.65	ppb
Antimony	121-1	0.24	0.21	0.23	0.23	7.13	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	14.73	ppb
Barium	135-1	-0.01	-0.03	-0.04	-0.03		ppb
Barium	137-1	0.00	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.17	0.07	0.12	0.12	40.89	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	11-1	13.59	12.46	11.97	12.67	6.56	ppb
Boron	10-1	13.06	11.52	12.41	12.33	6.27	ppb
Cadmium	106-1	-1.14	-2.52	-1.62	-1.76		ppb
Cadmium	108-1	-0.07	-0.01	-0.07	-0.05		ppb
Cadmium	111-1	-0.06	-0.15	-0.09	-0.10		ppb
Calcium	43-1	-13.72	-18.85	-13.03	-15.20		ppb
Calcium	44-1	-0.81	-1.96	2.06	-0.24		ppb
Chromium	52-2	-0.07	-0.16	-0.10	-0.11		ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.07	0.06	0.05	0.06	20.12	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				111		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	1.09	0.72	0.81	0.87	22.19	ppb
Iron	57-2	-1.27	-0.77	1.24	-0.27		ppb
Lead	206-1	0.02	0.02	0.02	0.02	4.05	ppb
Lead	207-1	0.03	0.03	0.04	0.03	27.48	ppb
Lead	208-1	0.03	0.02	0.03	0.03	20.55	ppb
Lithium	6-1				113		%
Magnesium	24-2	-0.22	-1.31	-0.41	-0.65		ppb
Manganese	55-2	-0.13	0.03	-0.13	-0.07		ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:55:11	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.14	0.10	0.14	0.12	18.90	ppb
Molybdenum	94-1	0.06	0.07	0.06	0.06	7.82	ppb
Molybdenum	95-1	0.12	0.14	0.12	0.13	8.57	ppb
Molybdenum	96-1	0.13	0.11	0.13	0.12	9.47	ppb
Molybdenum	97-1	0.19	0.11	0.16	0.15	24.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.20	-0.25	-0.24		ppb
Phosphorus	31-2	-18.38	-18.38	-18.38	-18.38		ppb
Potassium	39-2	-1.53	6.45	3.61	2.84	142.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.51	-1.01	0.59	0.03	3165.28	ppb
Selenium	82-1	0.53	-0.44	-0.08	0.00	16459.09	ppb
Silicon	28-1	-15.03	-19.83	-16.36	-17.08		ppb
Silver	109-1	0.06	0.05	0.07	0.06	18.03	ppb
Silver	107-1	0.05	0.05	0.06	0.05	10.96	ppb
Sodium	23-2	62.66	59.42	66.47	62.85	5.61	ppb
Strontium	86-1	-0.06	0.00	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	95.75	ppb
Sulfur	34-1	-1168.04	-1437.35	-1106.52	-1237.31		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.04	0.05	16.63	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	11.71	ppb
Tin	118-1	0.16	0.13	0.13	0.14	11.21	ppb
Titanium	47-1	0.01	0.02	0.04	0.02	81.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.13	0.05	0.07	0.08	50.25	ppb
Zirconium	90-1	0.04	0.03	0.06	0.04	30.78	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:55:11	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.04	0.03	0.04	28.10	ppb

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 11:53:30	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	8	14	69.31	cps
Antimony	121-1	25	42	75	47	53.91	cps
Arsenic	75-2	6	0	4	3	91.69	cps
Barium	135-1	58	133	67	86	47.74	cps
Barium	137-1	83	142	50	92	50.62	cps
Beryllium	9-1	111	128	167	135	21.09	cps
Bismuth	209-1	5586559	5493673	5565431	5548554	0.88	cps
Bismuth	209-2	1744265	1751195	1623471	1706311	4.21	cps
Boron	11-1	1317	1142	1342	1267	8.60	cps
Boron	10-1	308	325	375	336	10.32	cps
Cadmium	106-1	1775	2025	1984	1928	6.95	cps
Cadmium	108-1	8	21	21	17	43.31	cps
Cadmium	111-1	1270	1420	1395	1362	5.89	cps
Calcium	43-1	1942	1767	1792	1834	5.16	cps
Calcium	44-1	31963	31395	32873	32077	2.33	cps
Chromium	52-2	920	683	750	784	15.56	cps
Cobalt	59-2	90	107	97	98	8.58	cps
Copper	63-2	283	260	317	287	9.94	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	17	58	42	39	53.93	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	67	67	58	64	7.53	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	8941907	8924023	8772336	8879422	1.05	cps
Holmium	165-2	2148467	2144649	2012251	2101789	3.69	cps
Indium	115-1	7766161	7833555	7793832	7797850	0.43	cps
Indium	115-2	359754	360474	340276	353501	3.24	cps
Iron	56-2	2211	2111	2095	2139	2.95	cps
Iron	57-2	67	67	72	69	4.68	cps
Lead	206-1	506	500	583	530	8.80	cps
Lead	207-1	461	444	433	446	3.13	cps
Lead	208-1	1945	1983	2006	1978	1.56	cps
Lithium	6-1	1045400	1041191	1053193	1046595	0.58	cps
Magnesium	24-2	183	267	217	222	18.88	cps
Manganese	55-2	103	90	80	91	12.85	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 11:53:30	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	192	83	158	144	38.41	cps
Molybdenum	94-1	267	225	225	239	10.07	cps
Molybdenum	95-1	33	75	100	69	48.50	cps
Molybdenum	96-1	125	250	183	186	33.61	cps
Molybdenum	97-1	117	83	175	125	37.12	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	807	767	783	786	2.56	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3200	2792	2709	2900	9.07	cps
Rhodium	103-1	7305205	7410953	7441856	7386005	0.97	cps
Rhodium	103-2	2042808	2052454	1912398	2002553	3.91	cps
Scandium	45-1	4813095	4769103	4702775	4761658	1.17	cps
Scandium	45-2	40773	40622	38172	39856	3.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	-75	-52	30	-32	-169.04	cps
Silicon	28-1	467207	463785	468227	466406	0.50	cps
Silver	109-1	50	50	50	50	0.00	cps
Silver	107-1	83	75	83	81	5.98	cps
Sodium	23-2	4834	4726	4968	4843	2.50	cps
Strontium	86-1	800	1033	1025	953	13.89	cps
Strontium	88-1	242	175	167	194	21.14	cps
Sulfur	34-1	416476	416124	417263	416621	0.14	cps
Terbium	159-1	9390259	9372170	9313006	9358478	0.43	cps
Terbium	159-2	2088515	2090010	1951777	2043434	3.88	cps
Thallium	203-1	108	133	125	122	10.41	cps
Thallium	205-1	233	267	208	236	12.39	cps
Tin	118-1	683	875	858	806	13.18	cps
Titanium	47-1	125	192	117	144	28.46	cps
Uranium	238-1	217	167	158	181	17.48	cps
Vanadium	51-2	13	17	20	17	20.01	cps
Yttrium	89-1	8220443	8246029	8239740	8235404	0.16	cps
Yttrium	89-2	267350	268271	250978	262200	3.71	cps
Zinc	66-2	27	40	37	34	20.14	cps
Zirconium	90-1	483	475	467	475	1.75	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 11:53:30	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	92	108	13.32	cps

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 12:03:34 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	117	125	125	6.67	cps
Antimony	121-1	15067	15184	14992	15081	0.64	cps
Arsenic	75-2	100	106	96	101	4.63	cps
Barium	135-1	15852	15718	16561	16044	2.82	cps
Barium	137-1	27638	27713	26711	27354	2.04	cps
Beryllium	9-1	1106	1239	1178	1174	5.69	cps
Bismuth	209-1	5398928	5398332	5393542	5396934	0.05	cps
Bismuth	209-2	1669878	1677697	1680666	1676081	0.33	cps
Boron	11-1	14958	15075	14508	14847	2.02	cps
Boron	10-1	3151	3142	2934	3075	3.99	cps
Cadmium	106-1	2159	2092	2167	2139	1.92	cps
Cadmium	108-1	146	125	142	138	8.02	cps
Cadmium	111-1	2922	2952	3126	3000	3.68	cps
Calcium	43-1	10079	10688	10421	10396	2.94	cps
Calcium	44-1	172811	170694	170914	171473	0.68	cps
Chromium	52-2	2447	2627	2497	2524	3.68	cps
Cobalt	59-2	1757	1987	1750	1831	7.36	cps
Copper	63-2	3677	3824	3667	3723	2.36	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	133	158	92	128	26.36	cps
Gadolinium	160-2	13	0	3	6	124.93	cps
Holmium	165-1	8734983	8821719	8841170	8799291	0.64	cps
Holmium	165-2	2137062	2114777	2130818	2127552	0.54	cps
Indium	115-1	7638420	7661975	7681895	7660763	0.28	cps
Indium	115-2	354390	356626	355982	355666	0.32	cps
Iron	56-2	28368	28007	28424	28266	0.80	cps
Iron	57-2	717	672	756	715	5.83	cps
Lead	206-1	5896	5902	5312	5703	5.94	cps
Lead	207-1	5246	5290	5079	5205	2.14	cps
Lead	208-1	23965	23654	23204	23608	1.62	cps
Lithium	6-1	1033303	1020828	1020333	1024821	0.72	cps
Magnesium	24-2	14616	14616	14216	14483	1.60	cps
Manganese	55-2	310	350	313	324	6.84	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:03:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	27212	25675	26477	26455	2.91	cps
Molybdenum	94-1	14225	13566	13407	13733	3.16	cps
Molybdenum	95-1	15626	16527	16043	16066	2.81	cps
Molybdenum	96-1	18780	18104	18346	18410	1.86	cps
Molybdenum	97-1	10129	9962	10363	10151	1.98	cps
Neodymium	150-1	13	27	33	24	41.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1370	1263	1267	1300	4.67	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	10971	10938	10921	10944	0.23	cps
Rhodium	103-1	7221378	7252324	7156607	7210103	0.68	cps
Rhodium	103-2	1986970	2012029	1987671	1995557	0.72	cps
Scandium	45-1	4702765	4715064	4681198	4699676	0.36	cps
Scandium	45-2	40131	40418	41150	40566	1.30	cps
Selenium	77-2	7	0	17	8	107.84	cps
Selenium	78-2	2	15	7	8	81.04	cps
Selenium	82-1	517	323	517	452	24.72	cps
Silicon	28-1	499023	504576	495831	499810	0.89	cps
Silver	109-1	10104	10738	10688	10510	3.35	cps
Silver	107-1	11330	10930	10738	10999	2.75	cps
Sodium	23-2	38244	38629	38971	38615	0.94	cps
Strontium	86-1	3109	2984	3167	3087	3.04	cps
Strontium	88-1	17913	19156	18955	18675	3.57	cps
Sulfur	34-1	410408	410179	408076	409554	0.31	cps
Terbium	159-1	9166929	9245818	9182942	9198563	0.45	cps
Terbium	159-2	2048840	2058523	2060226	2055863	0.30	cps
Thallium	203-1	5668	6252	6193	6038	5.32	cps
Thallium	205-1	13341	13383	13449	13391	0.41	cps
Tin	118-1	26886	26786	26001	26558	1.83	cps
Titanium	47-1	4609	4676	4326	4537	4.10	cps
Uranium	238-1	15711	15802	16378	15964	2.27	cps
Vanadium	51-2	3050	2817	2927	2931	3.98	cps
Yttrium	89-1	8197738	8223403	8249814	8223651	0.32	cps
Yttrium	89-2	265244	265325	265810	265460	0.12	cps
Zinc	66-2	350	330	293	324	8.86	cps
Zirconium	90-1	11706	11472	11731	11636	1.23	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:03:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2559	2384	2809	2584	8.27	cps

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 12:07:03 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6352	6443	6402	6399	0.72	cps
Antimony	121-1	440441	441012	436926	439460	0.50	cps
Arsenic	75-2	5434	5555	5362	5451	1.79	cps
Barium	135-1	455299	458599	451594	455164	0.77	cps
Barium	137-1	793871	797525	787681	793026	0.63	cps
Beryllium	9-1	59791	59618	58870	59426	0.82	cps
Bismuth	209-1	5522169	5567015	5582079	5557088	0.56	cps
Bismuth	209-2	1724271	1786310	1716762	1742448	2.19	cps
Boron	11-1	32747	33382	34008	33379	1.89	cps
Boron	10-1	7227	6819	6835	6960	3.32	cps
Cadmium	106-1	12006	12006	11455	11822	2.69	cps
Cadmium	108-1	6706	6610	6693	6670	0.78	cps
Cadmium	111-1	98160	98637	98005	98267	0.34	cps
Calcium	43-1	101365	100533	101139	101012	0.43	cps
Calcium	44-1	1675939	1664024	1652023	1663995	0.72	cps
Chromium	52-2	50732	51712	51588	51344	1.04	cps
Cobalt	59-2	99143	98596	98904	98881	0.28	cps
Copper	63-2	170076	171291	170355	170574	0.37	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	8968354	9069389	8951541	8996428	0.71	cps
Holmium	165-2	2159629	2186725	2161116	2169157	0.70	cps
Indium	115-1	7745410	7809743	7691756	7748970	0.76	cps
Indium	115-2	364781	368161	362117	365020	0.83	cps
Iron	56-2	1571528	1573645	1570351	1571841	0.11	cps
Iron	57-2	38080	38459	39479	38673	1.87	cps
Lead	206-1	246333	247406	248180	247307	0.38	cps
Lead	207-1	223485	224351	224039	223958	0.20	cps
Lead	208-1	999697	1004353	1001362	1001804	0.24	cps
Lithium	6-1	1052138	1059492	1045013	1052214	0.69	cps
Magnesium	24-2	161230	163235	162890	162452	0.66	cps
Manganese	55-2	25667	25677	25480	25608	0.43	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:07:03	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	309322	310997	307722	309347	0.53	cps
Molybdenum	94-1	351745	354193	351409	352449	0.43	cps
Molybdenum	95-1	191746	192817	191802	192122	0.31	cps
Molybdenum	96-1	244946	246959	243000	244969	0.81	cps
Molybdenum	97-1	119322	118968	116858	118383	1.13	cps
Neodymium	150-1	33	13	20	22	45.83	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	31295	32184	31827	31769	1.41	cps
Phosphorus	31-2	467	625	400	497	23.24	cps
Potassium	39-2	50107	51302	49555	50321	1.78	cps
Rhodium	103-1	7363966	7383558	7334505	7360676	0.34	cps
Rhodium	103-2	2042516	2036622	2010705	2029948	0.83	cps
Scandium	45-1	4817995	4761520	4726476	4768664	0.97	cps
Scandium	45-2	40585	41117	40646	40783	0.71	cps
Selenium	77-2	17	40	50	36	48.10	cps
Selenium	78-2	107	130	111	116	10.26	cps
Selenium	82-1	6091	6260	6075	6142	1.67	cps
Silicon	28-1	702463	704571	690708	699247	1.07	cps
Silver	109-1	450061	451870	448551	450161	0.37	cps
Silver	107-1	481021	479417	472537	477658	0.94	cps
Sodium	23-2	394950	396546	398914	396804	0.50	cps
Strontium	86-1	123034	121757	121797	122196	0.59	cps
Strontium	88-1	1051456	1050694	1046325	1049492	0.26	cps
Sulfur	34-1	453791	450323	447523	450546	0.70	cps
Terbium	159-1	9415918	9401388	9261469	9359591	0.91	cps
Terbium	159-2	2078998	2091642	2055605	2075415	0.88	cps
Thallium	203-1	300721	308816	302419	303986	1.40	cps
Thallium	205-1	717760	734995	727007	726587	1.19	cps
Tin	118-1	301383	299899	297125	299469	0.72	cps
Titanium	47-1	52491	52960	53295	52915	0.76	cps
Uranium	238-1	930213	935391	931310	932305	0.29	cps
Vanadium	51-2	33818	34302	33474	33864	1.23	cps
Yttrium	89-1	8387469	8295240	8324873	8335861	0.56	cps
Yttrium	89-2	267240	270721	268116	268692	0.67	cps
Zinc	66-2	14928	14918	14945	14930	0.09	cps
Zirconium	90-1	665954	669226	659701	664960	0.73	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:07:03	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	148157	149960	147936	148684	0.75	cps

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 12:10:31 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16118	17186	16560	16622	3.23	cps
Antimony	121-1	1115101	1124548	1114886	1118178	0.49	cps
Arsenic	75-2	13885	13900	13966	13917	0.31	cps
Barium	135-1	1157501	1161763	1148690	1155985	0.58	cps
Barium	137-1	2033018	2036371	2014077	2027822	0.59	cps
Beryllium	9-1	149890	152640	150944	151158	0.92	cps
Bismuth	209-1	5701435	5638569	5614126	5651376	0.80	cps
Bismuth	209-2	1717688	1737808	1711993	1722496	0.79	cps
Boron	11-1	82093	83224	83350	82889	0.84	cps
Boron	10-1	17945	17102	17770	17606	2.53	cps
Cadmium	106-1	26869	27846	27345	27354	1.79	cps
Cadmium	108-1	17403	17299	17107	17270	0.87	cps
Cadmium	111-1	246516	245473	244852	245614	0.34	cps
Calcium	43-1	251954	250123	251992	251356	0.43	cps
Calcium	44-1	4097248	4079854	4135228	4104110	0.69	cps
Chromium	52-2	128533	129916	127403	128617	0.98	cps
Cobalt	59-2	249029	248048	246878	247985	0.43	cps
Copper	63-2	429530	427422	425859	427604	0.43	cps
Dysprosium	156-1	25	58	17	33	66.14	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	33	58	36	58.07	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	58	67	108	78	34.44	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	9124547	9132303	9079303	9112051	0.31	cps
Holmium	165-2	2203664	2184542	2149666	2179291	1.26	cps
Indium	115-1	7832838	7715052	7723149	7757013	0.85	cps
Indium	115-2	366230	362854	358558	362547	1.06	cps
Iron	56-2	3954373	3948857	3949031	3950753	0.08	cps
Iron	57-2	98356	97975	97031	97787	0.70	cps
Lead	206-1	630064	633533	626359	629985	0.57	cps
Lead	207-1	573964	574348	568450	572254	0.58	cps
Lead	208-1	2571701	2577519	2560780	2570000	0.33	cps
Lithium	6-1	1080905	1086280	1080154	1082446	0.31	cps
Magnesium	24-2	408180	413165	410060	410468	0.61	cps
Manganese	55-2	63819	63775	63862	63819	0.07	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:10:31	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	782477	772353	781500	778777	0.72	cps
Molybdenum	94-1	903779	893206	891839	896274	0.73	cps
Molybdenum	95-1	488186	489584	490522	489431	0.24	cps
Molybdenum	96-1	618583	619062	617333	618326	0.14	cps
Molybdenum	97-1	298478	299568	299940	299329	0.25	cps
Neodymium	150-1	60	80	47	62	26.96	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	79418	78332	77598	78450	1.17	cps
Phosphorus	31-2	1192	1358	1333	1295	6.94	cps
Potassium	39-2	119236	122033	121134	120801	1.18	cps
Rhodium	103-1	7335856	7343605	7257206	7312222	0.65	cps
Rhodium	103-2	2042541	2036396	2015947	2031628	0.69	cps
Scandium	45-1	4808566	4813904	4755815	4792762	0.67	cps
Scandium	45-2	41344	41451	40645	41147	1.06	cps
Selenium	77-2	90	87	110	96	13.21	cps
Selenium	78-2	302	346	319	322	6.97	cps
Selenium	82-1	15846	15730	15420	15666	1.41	cps
Silicon	28-1	924025	924398	913220	920548	0.69	cps
Silver	109-1	1157353	1156008	1143907	1152422	0.64	cps
Silver	107-1	1214552	1215603	1212915	1214357	0.11	cps
Sodium	23-2	991203	997307	992688	993733	0.32	cps
Strontium	86-1	310010	310400	305278	308562	0.92	cps
Strontium	88-1	2672206	2686646	2647994	2668949	0.73	cps
Sulfur	34-1	504106	502599	502413	503039	0.18	cps
Terbium	159-1	9595183	9487256	9371978	9484805	1.18	cps
Terbium	159-2	2121065	2086849	2115085	2107666	0.87	cps
Thallium	203-1	780327	782373	776216	779639	0.40	cps
Thallium	205-1	1883242	1876450	1863785	1874492	0.53	cps
Tin	118-1	759588	762369	763643	761867	0.27	cps
Titanium	47-1	134062	133279	133127	133489	0.38	cps
Uranium	238-1	2478657	2453352	2481105	2471038	0.62	cps
Vanadium	51-2	83447	85489	84845	84594	1.23	cps
Yttrium	89-1	8314874	8458442	8213767	8329028	1.48	cps
Yttrium	89-2	272672	271984	268302	270986	0.87	cps
Zinc	66-2	37621	37290	37955	37622	0.88	cps
Zirconium	90-1	1732097	1714323	1691605	1712675	1.19	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:10:31	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	378471	376852	372527	375950	0.82	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:13:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33399	33015	33699	33371	1.03	cps
Antimony	121-1	2316525	2362916	2353505	2344315	1.05	cps
Arsenic	75-2	28240	27956	27687	27961	0.99	cps
Barium	135-1	2381739	2436277	2450431	2422816	1.50	cps
Barium	137-1	4116854	4153229	4141022	4137035	0.45	cps
Beryllium	9-1	309579	317049	314873	313833	1.22	cps
Bismuth	209-1	5858116	5835508	5948309	5880644	1.01	cps
Bismuth	209-2	1781006	1784711	1743266	1769661	1.30	cps
Boron	11-1	169203	172585	175537	172442	1.84	cps
Boron	10-1	35094	37133	37792	36673	3.84	cps
Cadmium	106-1	53482	54403	54377	54087	0.97	cps
Cadmium	108-1	34912	35560	35977	35483	1.51	cps
Cadmium	111-1	497197	501272	504951	501140	0.77	cps
Calcium	43-1	511473	512872	518705	514350	0.75	cps
Calcium	44-1	8301319	8346674	8352605	8333533	0.34	cps
Chromium	52-2	257496	257185	256787	257156	0.14	cps
Cobalt	59-2	497191	492952	497090	495744	0.49	cps
Copper	63-2	859724	857575	857030	858110	0.17	cps
Dysprosium	156-1	33	33	58	42	34.65	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	67	83	133	94	36.73	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	9542541	9463126	9702395	9569354	1.27	cps
Holmium	165-2	2229091	2229979	2210076	2223049	0.51	cps
Indium	115-1	7892812	7976895	8079276	7982995	1.17	cps
Indium	115-2	362875	359956	356710	359847	0.86	cps
Iron	56-2	7888682	7745548	7793134	7809121	0.93	cps
Iron	57-2	199158	194543	194195	195965	1.41	cps
Lead	206-1	1309425	1318329	1336631	1321462	1.05	cps
Lead	207-1	1188059	1202734	1217293	1202695	1.22	cps
Lead	208-1	5420193	5388254	5473269	5427239	0.79	cps
Lithium	6-1	1125888	1137354	1137088	1133443	0.58	cps
Magnesium	24-2	833034	826225	835062	831441	0.56	cps
Manganese	55-2	128862	127239	126305	127469	1.01	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:13:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1619934	1647336	1649048	1638773	1.00	cps
Molybdenum	94-1	1846098	1894539	1877963	1872867	1.31	cps
Molybdenum	95-1	988309	997576	1010158	998681	1.10	cps
Molybdenum	96-1	1254825	1282987	1276684	1271499	1.16	cps
Molybdenum	97-1	616765	620064	623365	620065	0.53	cps
Neodymium	150-1	93	80	67	80	16.67	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	156387	156889	157226	156834	0.27	cps
Phosphorus	31-2	2434	2500	2350	2428	3.10	cps
Potassium	39-2	240023	241677	239910	240536	0.41	cps
Rhodium	103-1	7512310	7388326	7653943	7518193	1.77	cps
Rhodium	103-2	2038094	2041972	2010906	2030324	0.83	cps
Scandium	45-1	4881970	4852126	4970107	4901401	1.25	cps
Scandium	45-2	41488	41307	41204	41333	0.35	cps
Selenium	77-2	197	213	173	194	10.33	cps
Selenium	78-2	657	687	654	666	2.74	cps
Selenium	82-1	31905	31747	31701	31784	0.34	cps
Silicon	28-1	1375920	1390502	1398790	1388404	0.83	cps
Silver	109-1	2394895	2406457	2414035	2405129	0.40	cps
Silver	107-1	2536481	2560280	2564427	2553729	0.59	cps
Sodium	23-2	2045611	2032776	2022119	2033502	0.58	cps
Strontium	86-1	627386	629146	629776	628769	0.20	cps
Strontium	88-1	5339596	5474312	5391209	5401706	1.26	cps
Sulfur	34-1	585566	586329	589005	586966	0.31	cps
Terbium	159-1	9953614	9857228	10067124	9959322	1.05	cps
Terbium	159-2	2141738	2132770	2114818	2129775	0.64	cps
Thallium	203-1	1645578	1638081	1655776	1646478	0.54	cps
Thallium	205-1	3956577	3944643	3979765	3960328	0.45	cps
Tin	118-1	1587277	1589061	1593090	1589809	0.19	cps
Titanium	47-1	275996	270896	273439	273444	0.93	cps
Uranium	238-1	5136609	5141162	5171144	5149639	0.36	cps
Vanadium	51-2	172052	172596	170894	171848	0.51	cps
Yttrium	89-1	8478489	8482781	8649607	8536959	1.14	cps
Yttrium	89-2	271784	271014	265863	269554	1.19	cps
Zinc	66-2	74747	75839	74442	75009	0.98	cps
Zirconium	90-1	3478296	3512431	3516660	3502462	0.60	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:13:54	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	773932	783646	787134	781571	0.88	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:17:12	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64196	63619	65192	64336	1.24	cps
Antimony	121-1	4802012	4850019	4836717	4829583	0.51	cps
Arsenic	75-2	53975	54148	53258	53794	0.88	cps
Barium	135-1	4978680	5024576	5082159	5028472	1.03	cps
Barium	137-1	8573356	8685789	8685715	8648286	0.75	cps
Beryllium	9-1	658332	661862	667980	662724	0.74	cps
Bismuth	209-1	6364927	6307984	6471661	6381524	1.30	cps
Bismuth	209-2	1724869	1732837	1732559	1730088	0.26	cps
Boron	11-1	358012	364524	374258	365598	2.24	cps
Boron	10-1	76873	78096	78607	77859	1.14	cps
Cadmium	106-1	107400	107317	106536	107084	0.45	cps
Cadmium	108-1	71823	72184	73398	72468	1.14	cps
Cadmium	111-1	1034244	1031603	1032493	1032780	0.13	cps
Calcium	43-1	1040785	1029570	1035579	1035311	0.54	cps
Calcium	44-1	16835916	16838587	16777153	16817219	0.21	cps
Chromium	52-2	447257	439552	442510	443106	0.88	cps
Cobalt	59-2	960051	961664	958190	959968	0.18	cps
Copper	63-2	1669692	1671031	1674873	1671865	0.16	cps
Dysprosium	156-1	75	33	75	61	39.37	cps
Dysprosium	156-2	7	17	10	11	45.82	cps
Erbium	164-1	17	33	58	36	58.08	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	133	92	150	125	24.04	cps
Gadolinium	160-2	23	23	17	21	18.21	cps
Holmium	165-1	10280109	10208539	10425119	10304589	1.07	cps
Holmium	165-2	2190924	2146509	2191633	2176355	1.19	cps
Indium	115-1	8208450	8195148	8400655	8268084	1.39	cps
Indium	115-2	340759	341356	341258	341124	0.09	cps
Iron	56-2	14963173	14784114	14841398	14862895	0.62	cps
Iron	57-2	375082	377105	375751	375979	0.27	cps
Lead	206-1	2885397	2910470	2934855	2910241	0.85	cps
Lead	207-1	2671990	2664411	2660608	2665669	0.22	cps
Lead	208-1	11802791	11796330	11854149	11817757	0.27	cps
Lithium	6-1	1234829	1234845	1275099	1248258	1.86	cps
Magnesium	24-2	1647169	1619037	1640301	1635502	0.90	cps
Manganese	55-2	243626	243030	241610	242755	0.43	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:17:12	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3241358	3257099	3247049	3248502	0.25	cps
Molybdenum	94-1	3752890	3773955	3775183	3767343	0.33	cps
Molybdenum	95-1	2080066	2048174	2083909	2070716	0.95	cps
Molybdenum	96-1	2616099	2631760	2646230	2631363	0.57	cps
Molybdenum	97-1	1241338	1247929	1247889	1245719	0.30	cps
Neodymium	150-1	187	160	140	162	14.43	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	283926	281843	277654	281141	1.14	cps
Phosphorus	31-2	4793	4684	4242	4573	6.37	cps
Potassium	39-2	453789	449433	447351	450191	0.73	cps
Rhodium	103-1	7520226	7586367	7711400	7605998	1.28	cps
Rhodium	103-2	2010189	1991337	1994783	1998770	0.50	cps
Scandium	45-1	4956714	4982133	5086226	5008358	1.37	cps
Scandium	45-2	39569	39245	39689	39501	0.58	cps
Selenium	77-2	377	423	383	394	6.40	cps
Selenium	78-2	1202	1296	1267	1255	3.85	cps
Selenium	82-1	64579	65251	65028	64953	0.53	cps
Silicon	28-1	2300832	2287984	2304512	2297776	0.38	cps
Silver	109-1	4868038	4862809	4858253	4863033	0.10	cps
Silver	107-1	5103512	5109486	5150749	5121249	0.50	cps
Sodium	23-2	3929186	3876013	3870891	3892030	0.83	cps
Strontium	86-1	1281909	1272337	1278746	1277664	0.38	cps
Strontium	88-1	10837535	10933837	10954772	10908715	0.57	cps
Sulfur	34-1	749671	749033	751584	750096	0.18	cps
Terbium	159-1	10494708	10442393	10825015	10587372	1.96	cps
Terbium	159-2	2102593	2079401	2113883	2098626	0.84	cps
Thallium	203-1	3595016	3583061	3612754	3596943	0.42	cps
Thallium	205-1	8311198	8400825	8470203	8394075	0.95	cps
Tin	118-1	3293508	3267222	3308921	3289884	0.64	cps
Titanium	47-1	545462	548877	557745	550694	1.15	cps
Uranium	238-1	11078529	11145611	11312998	11179046	1.08	cps
Vanadium	51-2	331039	331001	330100	330714	0.16	cps
Yttrium	89-1	8721828	8711594	8945396	8792939	1.50	cps
Yttrium	89-2	260339	259879	259909	260042	0.10	cps
Zinc	66-2	144321	144544	144510	144459	0.08	cps
Zirconium	90-1	7084133	7122892	7110569	7105865	0.28	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:17:12	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1600274	1601648	1597999	1599974	0.12	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:20:23	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125156	123786	122770	123904	0.97	cps
Antimony	121-1	9583164	9566024	9548576	9565921	0.18	cps
Arsenic	75-2	101475	102434	101516	101808	0.53	cps
Barium	135-1	10108203	9935078	9990302	10011195	0.88	cps
Barium	137-1	17404998	17248037	17441597	17364877	0.59	cps
Beryllium	9-1	1359591	1329789	1333278	1340886	1.22	cps
Bismuth	209-1	6546468	6576119	6655646	6592745	0.86	cps
Bismuth	209-2	1685319	1685726	1690828	1687291	0.18	cps
Boron	11-1	740852	748770	762121	750581	1.43	cps
Boron	10-1	159140	160403	161778	160440	0.82	cps
Cadmium	106-1	213863	209130	211282	211425	1.12	cps
Cadmium	108-1	144712	142956	143099	143589	0.68	cps
Cadmium	111-1	2073436	2046453	2047650	2055846	0.74	cps
Calcium	43-1	2062127	2052839	2072632	2062532	0.48	cps
Calcium	44-1	33051597	33452611	33361218	33288475	0.63	cps
Chromium	52-2	855798	854868	843474	851380	0.81	cps
Cobalt	59-2	1811903	1842996	1808978	1821293	1.04	cps
Copper	63-2	3183974	3159144	3145700	3162939	0.61	cps
Dysprosium	156-1	200	67	158	142	48.15	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	158	133	167	153	11.36	cps
Gadolinium	160-2	37	7	20	21	71.19	cps
Holmium	165-1	10375580	10528814	10454540	10452978	0.73	cps
Holmium	165-2	2147847	2141941	2181732	2157173	1.00	cps
Indium	115-1	8045060	8062339	8101248	8069549	0.36	cps
Indium	115-2	324424	326221	320108	323584	0.97	cps
Iron	56-2	28487873	28464437	28303298	28418536	0.35	cps
Iron	57-2	715496	712735	709641	712624	0.41	cps
Lead	206-1	5896289	5852828	5960998	5903371	0.92	cps
Lead	207-1	5422411	5430997	5478666	5444025	0.56	cps
Lead	208-1	24144334	24104021	24387080	24211812	0.63	cps
Lithium	6-1	1279452	1254552	1307228	1280411	2.06	cps
Magnesium	24-2	3078234	3075710	3071984	3075309	0.10	cps
Manganese	55-2	467194	462390	456983	462189	1.11	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:20:23	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6518439	6469629	6490468	6492845	0.38	cps
Molybdenum	94-1	7466313	7397614	7525655	7463194	0.86	cps
Molybdenum	95-1	4051514	4050417	4082476	4061469	0.45	cps
Molybdenum	96-1	5214401	5129126	5254543	5199357	1.23	cps
Molybdenum	97-1	2504668	2451450	2521334	2492484	1.46	cps
Neodymium	150-1	393	373	340	369	7.30	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	532424	535029	527596	531683	0.71	cps
Phosphorus	31-2	8770	8595	8445	8603	1.89	cps
Potassium	39-2	841980	839728	828807	836838	0.84	cps
Rhodium	103-1	7444454	7458644	7492811	7465303	0.33	cps
Rhodium	103-2	1943387	1955687	1932847	1943974	0.59	cps
Scandium	45-1	4828091	4847898	4896823	4857604	0.73	cps
Scandium	45-2	37704	38232	37691	37876	0.82	cps
Selenium	77-2	707	633	793	711	11.26	cps
Selenium	78-2	2239	2226	2380	2282	3.74	cps
Selenium	82-1	126678	125523	127753	126651	0.88	cps
Silicon	28-1	3868097	3877840	3835914	3860617	0.57	cps
Silver	109-1	9388111	9367890	9315930	9357310	0.40	cps
Silver	107-1	9929903	9873015	9867271	9890063	0.35	cps
Sodium	23-2	7369660	7327917	7274259	7323945	0.65	cps
Strontium	86-1	2548993	2569575	2568668	2562412	0.45	cps
Strontium	88-1	21855856	21733723	21930231	21839937	0.45	cps
Sulfur	34-1	913828	904657	911842	910109	0.53	cps
Terbium	159-1	10765963	10836291	10733398	10778551	0.49	cps
Terbium	159-2	2073106	2038550	2022467	2044708	1.27	cps
Thallium	203-1	7308944	7275665	7315503	7300037	0.29	cps
Thallium	205-1	17276696	17149418	17333988	17253367	0.55	cps
Tin	118-1	6580610	6476850	6502678	6520046	0.83	cps
Titanium	47-1	1088512	1074347	1085064	1082641	0.68	cps
Uranium	238-1	24104730	23445550	24251516	23933932	1.79	cps
Vanadium	51-2	635187	629576	627163	630642	0.65	cps
Yttrium	89-1	8597286	8662847	8692775	8650969	0.56	cps
Yttrium	89-2	251144	250715	248083	249981	0.66	cps
Zinc	66-2	275313	273176	273382	273957	0.43	cps
Zirconium	90-1	14156521	14077830	14343440	14192597	0.96	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:20:23	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3145992	3153648	3162915	3154185	0.27	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:23:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	645863	640300	647145	644436	0.56	cps
Antimony	121-1	22103	21602	21309	21671	1.85	cps
Arsenic	75-2	31	30	54	38	35.00	cps
Barium	135-1	3151	3059	3142	3117	1.63	cps
Barium	137-1	5093	5526	5902	5507	7.35	cps
Beryllium	9-1	711	744	678	711	4.69	cps
Bismuth	209-1	6251959	6193110	5681079	6042049	5.20	cps
Bismuth	209-2	1613577	1599928	1609964	1607823	0.44	cps
Boron	11-1	26776	24096	23295	24722	7.37	cps
Boron	10-1	6227	5310	4943	5493	12.04	cps
Cadmium	106-1	1925	2200	1809	1978	10.17	cps
Cadmium	108-1	29	42	38	36	17.62	cps
Cadmium	111-1	1594	1824	1581	1666	8.18	cps
Calcium	43-1	10041410	9922179	10028919	9997503	0.66	cps
Calcium	44-1	161824974	162273966	162245387	162114776	0.16	cps
Chromium	52-2	6678	6508	6788	6658	2.12	cps
Cobalt	59-2	2374	2167	2280	2274	4.55	cps
Copper	63-2	5124	5171	5311	5202	1.87	cps
Dysprosium	156-1	75	58	150	94	51.70	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	33	92	50	58	51.51	cps
Erbium	164-2	20	10	13	14	35.26	cps
Gadolinium	160-1	75	183	83	114	52.93	cps
Gadolinium	160-2	7	17	23	16	53.90	cps
Holmium	165-1	10248753	10324262	9449117	10007377	4.85	cps
Holmium	165-2	2185531	2152235	2163833	2167200	0.78	cps
Indium	115-1	7977052	7961716	7226806	7721858	5.55	cps
Indium	115-2	328662	330993	329740	329798	0.35	cps
Iron	56-2	142115109	142445353	142304503	142288322	0.12	cps
Iron	57-2	3599637	3610015	3568521	3592724	0.60	cps
Lead	206-1	9609	10282	9543	9811	4.17	cps
Lead	207-1	8175	7691	8153	8006	3.41	cps
Lead	208-1	38441	38780	37684	38302	1.46	cps
Lithium	6-1	1290645	1336532	1214268	1280481	4.82	cps
Magnesium	24-2	15579649	15516565	15681677	15592630	0.53	cps
Manganese	55-2	1600	1527	1617	1581	3.03	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:23:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	9137	9279	9045	9154	1.28	cps
Molybdenum	94-1	4834	4384	4584	4601	4.90	cps
Molybdenum	95-1	5685	5601	5618	5635	0.78	cps
Molybdenum	96-1	8169	8295	8511	8325	2.08	cps
Molybdenum	97-1	3617	3551	3626	3598	1.14	cps
Neodymium	150-1	153	80	133	122	31.02	cps
Neodymium	150-2	23	3	10	12	83.33	cps
Nickel	60-2	2117	2137	2207	2154	2.19	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	4371220	4358923	4390596	4373580	0.37	cps
Rhodium	103-1	7113039	7157095	6595103	6955079	4.49	cps
Rhodium	103-2	1835040	1858077	1872217	1855111	1.01	cps
Scandium	45-1	4831405	4847736	4447124	4708755	4.81	cps
Scandium	45-2	38182	38269	38626	38359	0.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-50	16	-15	-16	-202.13	cps
Silicon	28-1	461779	465398	456624	461267	0.96	cps
Silver	109-1	1042	1200	900	1047	14.33	cps
Silver	107-1	1158	1325	1017	1167	13.23	cps
Sodium	23-2	37666706	37433652	38035699	37712019	0.80	cps
Strontium	86-1	84302	83203	84738	84081	0.94	cps
Strontium	88-1	718024	727291	728916	724743	0.81	cps
Sulfur	34-1	410924	413507	416224	413552	0.64	cps
Terbium	159-1	10706537	10616987	9752742	10358755	5.08	cps
Terbium	159-2	2069015	2070052	2074996	2071354	0.15	cps
Thallium	203-1	2917	2584	2859	2787	6.39	cps
Thallium	205-1	6285	6194	5485	5988	7.32	cps
Tin	118-1	5643	5368	5201	5404	4.13	cps
Titanium	47-1	817	933	883	878	6.67	cps
Uranium	238-1	2267	2200	2059	2175	4.89	cps
Vanadium	51-2	147	143	167	152	8.29	cps
Yttrium	89-1	8536134	8589114	7895447	8340232	4.63	cps
Yttrium	89-2	255505	254509	258523	256179	0.82	cps
Zinc	66-2	1403	1237	1260	1300	6.94	cps
Zirconium	90-1	3134	3050	2892	3026	4.06	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:23:31	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	650	792	708	717	9.94	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:26:50	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3192	3067	3234	3164	2.74	cps
Antimony	121-1	1831162	1844938	1841701	1839267	0.39	cps
Arsenic	75-2	21272	21207	20805	21095	1.20	cps
Barium	135-1	190560	188788	190486	189945	0.53	cps
Barium	137-1	333907	336246	334847	335000	0.35	cps
Beryllium	9-1	128614	128498	128962	128691	0.19	cps
Bismuth	209-1	6551867	6528985	6490682	6523845	0.47	cps
Bismuth	209-2	1866404	1851046	1862375	1859942	0.43	cps
Boron	11-1	379510	392448	399665	390541	2.61	cps
Boron	10-1	81440	83333	86611	83795	3.12	cps
Cadmium	106-1	34537	36375	35631	35514	2.60	cps
Cadmium	108-1	19189	18818	18417	18808	2.05	cps
Cadmium	111-1	204419	206443	207397	206086	0.74	cps
Calcium	43-1	45492	46411	46554	46152	1.25	cps
Calcium	44-1	732693	737102	729976	733257	0.49	cps
Chromium	52-2	86669	86753	86508	86644	0.14	cps
Cobalt	59-2	193050	192543	193108	192900	0.16	cps
Copper	63-2	167991	166335	166629	166985	0.53	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	108	58	78	34.44	cps
Erbium	164-2	13	40	17	23	62.27	cps
Gadolinium	160-1	50	83	125	86	43.64	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	10260158	10190713	10101573	10184148	0.78	cps
Holmium	165-2	2234910	2256839	2221393	2237714	0.80	cps
Indium	115-1	8454219	8402003	8314159	8390127	0.84	cps
Indium	115-2	360283	358181	356861	358442	0.48	cps
Iron	56-2	594861	592921	594210	593997	0.17	cps
Iron	57-2	14892	14819	14986	14899	0.56	cps
Lead	206-1	1120221	1125338	1122490	1122683	0.23	cps
Lead	207-1	974261	980668	981547	978825	0.41	cps
Lead	208-1	4530721	4572783	4564334	4555946	0.49	cps
Lithium	6-1	1297168	1291809	1258219	1282398	1.65	cps
Magnesium	24-2	39590	38971	39681	39414	0.98	cps
Manganese	55-2	25033	24285	24361	24560	1.68	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:26:50	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3443452	3441440	3474056	3452983	0.53	cps
Molybdenum	94-1	4010404	3948468	3985295	3981389	0.78	cps
Molybdenum	95-1	2176931	2167765	2191836	2178844	0.56	cps
Molybdenum	96-1	2789071	2796316	2743042	2776143	1.04	cps
Molybdenum	97-1	1319127	1311481	1328747	1319785	0.66	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	56675	57070	57455	57066	0.68	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	38704	37835	39364	38635	1.98	cps
Rhodium	103-1	7938892	7899479	7882754	7907041	0.36	cps
Rhodium	103-2	2106094	2101311	2098115	2101840	0.19	cps
Scandium	45-1	5122595	5077394	5050916	5083635	0.71	cps
Scandium	45-2	41281	41060	41264	41202	0.30	cps
Selenium	77-2	140	97	127	121	18.32	cps
Selenium	78-2	463	520	533	506	7.41	cps
Selenium	82-1	24672	25001	24852	24842	0.66	cps
Silicon	28-1	2374910	2354539	2388722	2372724	0.72	cps
Silver	109-1	933569	938552	920573	930898	1.00	cps
Silver	107-1	982425	985979	983085	983829	0.19	cps
Sodium	23-2	170486	167442	171377	169768	1.22	cps
Strontium	86-1	1370142	1372661	1356760	1366521	0.63	cps
Strontium	88-1	11709421	11705866	11666290	11693859	0.20	cps
Sulfur	34-1	422165	417598	419745	419836	0.54	cps
Terbium	159-1	10757676	10513655	10511270	10594200	1.34	cps
Terbium	159-2	2157581	2151676	2175678	2161645	0.58	cps
Thallium	203-1	1388658	1393171	1397776	1393202	0.33	cps
Thallium	205-1	3381574	3357496	3374969	3371346	0.37	cps
Tin	118-1	3537023	3523667	3514724	3525138	0.32	cps
Titanium	47-1	581463	581060	589379	583967	0.80	cps
Uranium	238-1	11598557	11648727	11629148	11625477	0.22	cps
Vanadium	51-2	64846	64424	65482	64917	0.82	cps
Yttrium	89-1	8930093	8960079	8775358	8888510	1.12	cps
Yttrium	89-2	269985	271769	269017	270257	0.52	cps
Zinc	66-2	29278	29421	29662	29454	0.66	cps
Zirconium	90-1	7434250	7556361	7468048	7486220	0.84	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:26:50	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1667150	1679336	1688284	1678257	0.63	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:33:51	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	25	19	24.73	cps
Antimony	121-1	850	750	1142	914	22.27	cps
Arsenic	75-2	9	4	13	9	53.95	cps
Barium	135-1	33	25	42	33	25.01	cps
Barium	137-1	67	67	117	83	34.64	cps
Beryllium	9-1	250	278	306	278	10.00	cps
Bismuth	209-1	6273196	6308079	6333011	6304762	0.48	cps
Bismuth	209-2	1841824	1793060	1821358	1818747	1.35	cps
Boron	11-1	9712	9679	9971	9787	1.63	cps
Boron	10-1	2134	2209	2134	2159	2.01	cps
Cadmium	106-1	1909	1775	1717	1800	5.46	cps
Cadmium	108-1	13	33	8	18	74.19	cps
Cadmium	111-1	1344	1236	1204	1261	5.80	cps
Calcium	43-1	1850	1534	1667	1684	9.45	cps
Calcium	44-1	33867	33224	33408	33499	0.99	cps
Chromium	52-2	737	660	783	727	8.57	cps
Cobalt	59-2	33	70	53	52	35.16	cps
Copper	63-2	273	267	273	271	1.42	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	67	75	56	48.22	cps
Erbium	164-2	0	13	0	4	173.21	cps
Gadolinium	160-1	92	75	83	83	10.00	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	10042142	9936556	9927321	9968673	0.64	cps
Holmium	165-2	2212678	2173104	2192884	2192889	0.90	cps
Indium	115-1	8239544	8263266	8374898	8292569	0.87	cps
Indium	115-2	365065	360237	360618	361973	0.74	cps
Iron	56-2	2461	2445	2567	2491	2.66	cps
Iron	57-2	67	50	61	59	14.32	cps
Lead	206-1	811	878	750	813	7.86	cps
Lead	207-1	711	678	778	722	7.05	cps
Lead	208-1	3306	3428	3200	3311	3.44	cps
Lithium	6-1	1208961	1220461	1216818	1215414	0.48	cps
Magnesium	24-2	317	358	300	325	9.24	cps
Manganese	55-2	57	93	70	73	25.31	cps

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 12:33:51 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	533	542	442	506	10.97	cps
Molybdenum	94-1	425	417	383	408	5.40	cps
Molybdenum	95-1	317	325	292	311	5.58	cps
Molybdenum	96-1	392	500	392	428	14.62	cps
Molybdenum	97-1	283	250	225	253	11.58	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	577	520	520	539	6.07	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	2917	2825	3209	2984	6.71	cps
Rhodium	103-1	7726048	7750699	7816497	7764414	0.60	cps
Rhodium	103-2	2119955	2102460	2080527	2100981	0.94	cps
Scandium	45-1	5004503	4947490	5003572	4985188	0.65	cps
Scandium	45-2	40656	40529	41421	40868	1.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-60	-83	-80	-74	-16.45	cps
Silicon	28-1	439096	426122	424000	429739	1.90	cps
Silver	109-1	208	192	208	203	4.74	cps
Silver	107-1	242	233	200	225	9.80	cps
Sodium	23-2	8019	8278	8628	8308	3.68	cps
Strontium	86-1	942	925	1117	995	10.68	cps
Strontium	88-1	583	467	342	464	26.05	cps
Sulfur	34-1	412205	410799	414379	412461	0.44	cps
Terbium	159-1	10281525	10291021	10379033	10317193	0.52	cps
Terbium	159-2	2134069	2099826	2126011	2119969	0.84	cps
Thallium	203-1	350	292	275	306	12.89	cps
Thallium	205-1	783	858	883	842	6.18	cps
Tin	118-1	1500	1584	1375	1486	7.06	cps
Titanium	47-1	175	150	125	150	16.67	cps
Uranium	238-1	192	258	233	228	14.79	cps
Vanadium	51-2	17	13	17	16	12.40	cps
Yttrium	89-1	8685074	8678337	8786634	8716681	0.70	cps
Yttrium	89-2	269619	268033	266504	268052	0.58	cps
Zinc	66-2	57	50	77	61	22.71	cps
Zirconium	90-1	567	683	675	642	10.14	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:33:51	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	175	208	169	24.75	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:36:58	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	597386	585088	586074	589516	1.16	cps
Antimony	121-1	11430	10813	11806	11350	4.42	cps
Arsenic	75-2	41	24	39	35	26.43	cps
Barium	135-1	2717	2809	2617	2714	3.53	cps
Barium	137-1	4943	5026	5293	5087	3.60	cps
Beryllium	9-1	589	639	583	604	5.07	cps
Bismuth	209-1	6215122	6331927	5973944	6173664	2.96	cps
Bismuth	209-2	1660146	1673750	1668495	1667463	0.41	cps
Boron	11-1	11071	10196	10746	10671	4.15	cps
Boron	10-1	2375	2234	2034	2214	7.75	cps
Cadmium	106-1	1934	1825	1609	1789	9.25	cps
Cadmium	108-1	1158	1100	1129	1129	2.58	cps
Cadmium	111-1	1918	1824	1719	1820	5.46	cps
Calcium	43-1	2030257	2029589	2030071	2029973	0.02	cps
Calcium	44-1	32824652	32708235	32590897	32707928	0.36	cps
Chromium	52-2	21407	21203	21116	21242	0.70	cps
Cobalt	59-2	2340	2454	2140	2311	6.87	cps
Copper	63-2	12903	13213	13237	13117	1.42	cps
Dysprosium	156-1	42	50	108	67	54.49	cps
Dysprosium	156-2	0	13	10	8	89.21	cps
Erbium	164-1	100	58	58	72	33.31	cps
Erbium	164-2	13	20	20	18	21.66	cps
Gadolinium	160-1	167	100	83	117	37.80	cps
Gadolinium	160-2	23	23	30	26	15.07	cps
Holmium	165-1	10247328	10388221	9803486	10146345	3.01	cps
Holmium	165-2	2168502	2208308	2194460	2190423	0.92	cps
Indium	115-1	8207550	8233064	7875812	8105475	2.46	cps
Indium	115-2	343903	342923	340969	342598	0.44	cps
Iron	56-2	57462642	57450529	56951808	57288326	0.51	cps
Iron	57-2	1491305	1451583	1442892	1461927	1.77	cps
Lead	206-1	26105	26823	25844	26257	1.93	cps
Lead	207-1	21530	20973	21023	21176	1.45	cps
Lead	208-1	99419	100178	97792	99129	1.23	cps
Lithium	6-1	1174769	1177872	1146387	1166343	1.49	cps
Magnesium	24-2	3159740	3105077	3107835	3124217	0.99	cps
Manganese	55-2	2024	2134	2100	2086	2.70	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:36:58	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	12357838	12354929	12299087	12337285	0.27	cps
Molybdenum	94-1	4396035	4354952	4338706	4363231	0.68	cps
Molybdenum	95-1	7670632	7605066	7612368	7629355	0.47	cps
Molybdenum	96-1	8170833	8035897	8158942	8121890	0.92	cps
Molybdenum	97-1	4736218	4685640	4705235	4709031	0.54	cps
Neodymium	150-1	47	33	73	51	39.86	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	4668	4531	4597	4599	1.49	cps
Phosphorus	31-2	45390	43794	44053	44412	1.93	cps
Potassium	39-2	1789901	1751769	1724150	1755273	1.88	cps
Rhodium	103-1	7507708	7531206	7169281	7402731	2.74	cps
Rhodium	103-2	1990067	1985768	1980327	1985388	0.25	cps
Scandium	45-1	4952743	4897745	4720983	4857157	2.49	cps
Scandium	45-2	39746	39683	39549	39659	0.25	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-17	30	-119	-35	-214.55	cps
Silicon	28-1	564864	553315	560835	559672	1.05	cps
Silver	109-1	1558	1625	1834	1672	8.58	cps
Silver	107-1	1717	1859	1825	1800	4.11	cps
Sodium	23-2	7508138	7395676	7415503	7439772	0.81	cps
Strontium	86-1	84226	83966	86331	84841	1.53	cps
Strontium	88-1	728859	727946	735578	730794	0.57	cps
Sulfur	34-1	2792250	2768672	2800631	2787184	0.59	cps
Terbium	159-1	10728266	10661234	10084599	10491366	3.37	cps
Terbium	159-2	2117465	2130340	2079370	2109058	1.26	cps
Thallium	203-1	1342	1283	1383	1336	3.76	cps
Thallium	205-1	2667	2725	2875	2756	3.90	cps
Tin	118-1	2442	2175	2534	2384	7.81	cps
Titanium	47-1	2127403	2088412	2098545	2104787	0.96	cps
Uranium	238-1	583	617	533	578	7.26	cps
Vanadium	51-2	90	143	140	124	24.01	cps
Yttrium	89-1	8799589	8906697	8308382	8671556	3.68	cps
Yttrium	89-2	262428	261113	259136	260892	0.64	cps
Zinc	66-2	1653	1697	1623	1658	2.22	cps
Zirconium	90-1	1200	1392	1383	1325	8.18	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:36:58	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	158	242	194	21.99	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:40:03	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	585169	583030	577476	581892	0.68	cps
Antimony	121-1	193540	194495	195844	194626	0.59	cps
Arsenic	75-2	2072	2019	2048	2046	1.31	cps
Barium	135-1	41876	43088	44208	43057	2.71	cps
Barium	137-1	73346	72633	73563	73181	0.66	cps
Beryllium	9-1	26041	25334	25634	25670	1.38	cps
Bismuth	209-1	6204086	6251959	6209759	6221934	0.42	cps
Bismuth	209-2	1672520	1662040	1656338	1663633	0.49	cps
Boron	11-1	47429	48692	48918	48346	1.66	cps
Boron	10-1	9754	10079	10604	10146	4.23	cps
Cadmium	106-1	6652	6927	6860	6813	2.11	cps
Cadmium	108-1	4180	4213	4251	4215	0.84	cps
Cadmium	111-1	41774	41332	41590	41565	0.53	cps
Calcium	43-1	2021308	2040449	2060842	2040867	0.97	cps
Calcium	44-1	32811609	32689723	32699197	32733509	0.21	cps
Chromium	52-2	38085	38179	37557	37940	0.88	cps
Cobalt	59-2	39747	39951	40185	39961	0.55	cps
Copper	63-2	45247	46471	45611	45776	1.37	cps
Dysprosium	156-1	75	33	50	53	39.73	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	75	25	58	53	48.24	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	75	83	75	78	6.19	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	10256274	10294541	10300439	10283751	0.23	cps
Holmium	165-2	2210730	2161075	2183677	2185160	1.14	cps
Indium	115-1	8186788	8190972	8146412	8174724	0.30	cps
Indium	115-2	344473	341234	339634	341781	0.72	cps
Iron	56-2	57008512	56818992	56644926	56824143	0.32	cps
Iron	57-2	1466446	1457987	1445461	1456631	0.72	cps
Lead	206-1	140288	141564	139249	140367	0.83	cps
Lead	207-1	116138	118857	119238	118077	1.43	cps
Lead	208-1	542228	546817	545137	544727	0.43	cps
Lithium	6-1	1137004	1124961	1135399	1132454	0.58	cps
Magnesium	24-2	3109944	3049539	3087562	3082348	0.99	cps
Manganese	55-2	6678	6722	6602	6667	0.91	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:40:03	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	12605251	12699242	12666952	12657148	0.38	cps
Molybdenum	94-1	4756993	4737903	4789291	4761396	0.55	cps
Molybdenum	95-1	7867575	7917430	7919035	7901347	0.37	cps
Molybdenum	96-1	8510958	8565039	8459929	8511975	0.62	cps
Molybdenum	97-1	4882851	4858199	4843998	4861683	0.40	cps
Neodymium	150-1	40	87	73	67	36.06	cps
Neodymium	150-2	10	0	7	6	91.64	cps
Nickel	60-2	15455	15522	14922	15300	2.15	cps
Phosphorus	31-2	44529	44061	42740	43777	2.12	cps
Potassium	39-2	1766046	1730887	1707278	1734737	1.70	cps
Rhodium	103-1	7430513	7508362	7450157	7463011	0.54	cps
Rhodium	103-2	1984199	1991482	1969636	1981772	0.56	cps
Scandium	45-1	4883721	4958781	4954451	4932318	0.85	cps
Scandium	45-2	39984	38556	38944	39161	1.88	cps
Selenium	77-2	20	7	10	12	56.76	cps
Selenium	78-2	37	54	31	41	28.38	cps
Selenium	82-1	2490	2469	2502	2487	0.66	cps
Silicon	28-1	814564	810425	823161	816050	0.80	cps
Silver	109-1	178681	177389	180672	178914	0.92	cps
Silver	107-1	187715	189322	188856	188631	0.44	cps
Sodium	23-2	7442336	7401792	7408129	7417419	0.29	cps
Strontium	86-1	225043	224202	224392	224546	0.20	cps
Strontium	88-1	1963622	1958969	1959542	1960711	0.13	cps
Sulfur	34-1	2748636	2763704	2779647	2763996	0.56	cps
Terbium	159-1	10601359	10596600	10732112	10643357	0.72	cps
Terbium	159-2	2097738	2103391	2080440	2093856	0.57	cps
Thallium	203-1	143981	141480	142044	142502	0.92	cps
Thallium	205-1	331993	337266	337122	335460	0.90	cps
Tin	118-1	351660	351483	351095	351413	0.08	cps
Titanium	47-1	2194817	2188042	2203049	2195303	0.34	cps
Uranium	238-1	1201832	1193348	1209781	1201654	0.68	cps
Vanadium	51-2	13020	12773	12743	12845	1.18	cps
Yttrium	89-1	8766410	8843561	8781978	8797316	0.46	cps
Yttrium	89-2	263363	259120	258536	260340	1.01	cps
Zinc	66-2	4354	4457	4347	4386	1.41	cps
Zirconium	90-1	770449	769094	761651	767064	0.62	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:40:03	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	170685	169932	170227	170281	0.22	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:43:06	DataFile Name :	016SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59534	60270	60128	59978	0.65	cps
Antimony	121-1	1584	1550	1358	1497	8.11	cps
Arsenic	75-2	6	15	9	10	47.14	cps
Barium	135-1	275	333	350	319	12.33	cps
Barium	137-1	467	633	550	550	15.15	cps
Beryllium	9-1	211	283	217	237	16.95	cps
Bismuth	209-1	6432393	6428662	6409224	6423427	0.19	cps
Bismuth	209-2	1769961	1787772	1767453	1775062	0.62	cps
Boron	11-1	6035	6168	6452	6218	3.42	cps
Boron	10-1	1467	1317	1500	1428	6.84	cps
Cadmium	106-1	1684	1759	1642	1695	3.49	cps
Cadmium	108-1	100	108	142	117	18.90	cps
Cadmium	111-1	1321	1309	1196	1275	5.41	cps
Calcium	43-1	202910	205567	207539	205339	1.13	cps
Calcium	44-1	3399865	3403919	3402084	3401956	0.06	cps
Chromium	52-2	2760	2850	2824	2811	1.64	cps
Cobalt	59-2	290	257	283	277	6.38	cps
Copper	63-2	1900	1683	1780	1788	6.07	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	0	17	7	8	107.84	cps
Gadolinium	160-1	100	117	42	86	45.73	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	10147673	10290814	10198680	10212389	0.71	cps
Holmium	165-2	2204795	2218627	2195053	2206158	0.54	cps
Indium	115-1	8277348	8520828	8357694	8385290	1.48	cps
Indium	115-2	356872	352982	352758	354204	0.65	cps
Iron	56-2	6002290	5967089	5934138	5967839	0.57	cps
Iron	57-2	149424	149122	148079	148875	0.47	cps
Lead	206-1	3940	4079	4001	4006	1.74	cps
Lead	207-1	3223	3401	3445	3356	3.51	cps
Lead	208-1	15888	15749	15593	15743	0.94	cps
Lithium	6-1	1159593	1166734	1149302	1158543	0.76	cps
Magnesium	24-2	317227	316881	318537	317548	0.27	cps
Manganese	55-2	217	253	210	227	10.29	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:43:06	DataFile Name :	016SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1239558	1245666	1238705	1241310	0.31	cps
Molybdenum	94-1	437587	441376	443325	440762	0.66	cps
Molybdenum	95-1	775170	775486	774944	775200	0.04	cps
Molybdenum	96-1	821251	823394	823112	822586	0.14	cps
Molybdenum	97-1	478853	478958	479867	479226	0.12	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	877	853	930	887	4.43	cps
Phosphorus	31-2	4451	4843	4351	4548	5.72	cps
Potassium	39-2	180604	184199	181243	182015	1.05	cps
Rhodium	103-1	7698789	7876676	7784180	7786548	1.14	cps
Rhodium	103-2	2089919	2045487	2052265	2062557	1.16	cps
Scandium	45-1	4947473	5017657	5001676	4988935	0.74	cps
Scandium	45-2	39211	40174	39602	39663	1.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-96	-47	-37	-60	-52.59	cps
Silicon	28-1	428470	432198	427014	429227	0.62	cps
Silver	109-1	450	550	508	503	9.99	cps
Silver	107-1	483	442	575	500	13.64	cps
Sodium	23-2	774643	778146	768686	773825	0.62	cps
Strontium	86-1	9721	9787	9762	9757	0.35	cps
Strontium	88-1	74353	75199	73700	74417	1.01	cps
Sulfur	34-1	655406	650369	659059	654945	0.67	cps
Terbium	159-1	10523843	10617592	10543714	10561716	0.47	cps
Terbium	159-2	2114948	2114029	2117573	2115516	0.09	cps
Thallium	203-1	358	417	342	372	10.58	cps
Thallium	205-1	875	850	733	820	9.23	cps
Tin	118-1	1108	1050	1100	1086	2.90	cps
Titanium	47-1	212108	212726	211814	212216	0.22	cps
Uranium	238-1	117	192	233	181	32.75	cps
Vanadium	51-2	20	23	20	21	9.11	cps
Yttrium	89-1	8729224	8957624	8767363	8818070	1.39	cps
Yttrium	89-2	264741	264634	264381	264585	0.07	cps
Zinc	66-2	180	193	207	193	6.89	cps
Zirconium	90-1	1383	1292	1000	1225	16.34	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSADLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:43:06	DataFile Name :	016SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	258	183	236	19.44	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:46:16	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60505	60438	59484	60142	0.95	cps
Antimony	121-1	19448	20442	20850	20247	3.56	cps
Arsenic	75-2	206	202	230	212	7.10	cps
Barium	135-1	4409	4168	4568	4381	4.60	cps
Barium	137-1	7686	8203	8069	7986	3.36	cps
Beryllium	9-1	2806	2739	2839	2795	1.82	cps
Bismuth	209-1	6378989	6383792	6268524	6343769	1.03	cps
Bismuth	209-2	1802534	1733219	1783396	1773050	2.02	cps
Boron	11-1	8795	8903	8436	8711	2.81	cps
Boron	10-1	1675	1834	1709	1739	4.80	cps
Cadmium	106-1	2084	2209	2167	2153	2.96	cps
Cadmium	108-1	433	417	425	425	1.96	cps
Cadmium	111-1	5556	5268	5303	5376	2.92	cps
Calcium	43-1	201433	207538	204866	204613	1.50	cps
Calcium	44-1	3374226	3419538	3406087	3399950	0.68	cps
Chromium	52-2	4648	4414	4618	4560	2.78	cps
Cobalt	59-2	4237	4217	4197	4217	0.47	cps
Copper	63-2	5234	5188	5098	5173	1.34	cps
Dysprosium	156-1	33	17	25	25	33.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	75	67	92	78	16.37	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	10044390	10093272	10017184	10051615	0.38	cps
Holmium	165-2	2199863	2151497	2193242	2181534	1.20	cps
Indium	115-1	8288171	8340997	8287046	8305405	0.37	cps
Indium	115-2	352633	348883	352304	351273	0.59	cps
Iron	56-2	5994234	5960974	5924189	5959799	0.59	cps
Iron	57-2	148785	147359	148381	148175	0.50	cps
Lead	206-1	15221	15871	15376	15489	2.19	cps
Lead	207-1	12824	12857	13474	13052	2.81	cps
Lead	208-1	60575	60496	61276	60783	0.71	cps
Lithium	6-1	1162539	1163830	1159853	1162074	0.17	cps
Magnesium	24-2	321101	317148	320209	319486	0.65	cps
Manganese	55-2	713	810	853	792	9.05	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:46:16	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1260347	1274207	1285712	1273422	1.00	cps
Molybdenum	94-1	473708	477716	471814	474413	0.64	cps
Molybdenum	95-1	784686	789986	794252	789641	0.61	cps
Molybdenum	96-1	833606	850711	847537	843952	1.08	cps
Molybdenum	97-1	484531	494868	491944	490448	1.09	cps
Neodymium	150-1	20	33	0	18	94.37	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2117	1947	1940	2001	5.00	cps
Phosphorus	31-2	4368	4826	4493	4562	5.20	cps
Potassium	39-2	180044	178225	182299	180189	1.13	cps
Rhodium	103-1	7667603	7687943	7677690	7677746	0.13	cps
Rhodium	103-2	2084498	2045125	2059103	2062909	0.97	cps
Scandium	45-1	4908610	4926717	4867765	4901031	0.62	cps
Scandium	45-2	40007	39807	40315	40043	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	4	6	6	45.85	cps
Selenium	82-1	248	190	268	235	17.19	cps
Silicon	28-1	444737	452349	447790	448292	0.85	cps
Silver	109-1	18931	18672	19239	18947	1.50	cps
Silver	107-1	19899	19548	20049	19832	1.30	cps
Sodium	23-2	771950	765234	764068	767084	0.55	cps
Strontium	86-1	21935	23045	22937	22639	2.70	cps
Strontium	88-1	183450	188020	185705	185725	1.23	cps
Sulfur	34-1	652008	654326	652897	653077	0.18	cps
Terbium	159-1	10464923	10444679	10459659	10456420	0.10	cps
Terbium	159-2	2149318	2093082	2138805	2127068	1.41	cps
Thallium	203-1	14133	14826	14592	14517	2.43	cps
Thallium	205-1	34156	33880	35066	34367	1.81	cps
Tin	118-1	33910	33167	34119	33732	1.48	cps
Titanium	47-1	213379	218923	219849	217384	1.61	cps
Uranium	238-1	109428	110555	111110	110364	0.78	cps
Vanadium	51-2	1417	1420	1367	1401	2.13	cps
Yttrium	89-1	8688699	8741737	8723684	8718040	0.31	cps
Yttrium	89-2	266932	260604	263809	263782	1.20	cps
Zinc	66-2	563	483	510	519	7.85	cps
Zirconium	90-1	70189	70592	71488	70756	0.94	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	ICSABDLX10	Instrumnet Name :	P8
Client Sample ID :	X10	Dilution Factor :	10
Date & Time Acquired ::	2017-09-20 12:46:16	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	15751	16043	15826	15874	0.96	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:49:23	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337532	333433	334477	335147	0.64	cps
Antimony	121-1	4900201	4963963	4840288	4901484	1.26	cps
Arsenic	75-2	53364	54232	54566	54054	1.15	cps
Barium	135-1	5091295	5261546	5139088	5163976	1.70	cps
Barium	137-1	8784053	8875732	8862768	8840851	0.56	cps
Beryllium	9-1	663079	675116	677327	671841	1.14	cps
Bismuth	209-1	6062194	6182908	6187770	6144291	1.16	cps
Bismuth	209-2	1660144	1658180	1639031	1652452	0.71	cps
Boron	11-1	365664	378193	382938	375598	2.38	cps
Boron	10-1	78565	81959	82194	80906	2.51	cps
Cadmium	106-1	105040	106595	106913	106183	0.94	cps
Cadmium	108-1	70651	71874	72674	71733	1.42	cps
Cadmium	111-1	1003198	1020683	1020504	1014795	0.99	cps
Calcium	43-1	5172177	5212033	5145209	5176473	0.65	cps
Calcium	44-1	83586416	84517246	84151379	84085014	0.56	cps
Chromium	52-2	458590	455844	454674	456369	0.44	cps
Cobalt	59-2	964660	957591	961919	961390	0.37	cps
Copper	63-2	1670653	1643417	1637981	1650684	1.06	cps
Dysprosium	156-1	125	108	100	111	11.46	cps
Dysprosium	156-2	17	27	3	16	75.27	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	13	23	3	13	75.02	cps
Gadolinium	160-1	158	142	100	133	22.53	cps
Gadolinium	160-2	33	33	23	30	19.25	cps
Holmium	165-1	9943833	10289545	10221658	10151679	1.80	cps
Holmium	165-2	2200222	2194413	2156295	2183643	1.09	cps
Indium	115-1	7835745	8050294	8021706	7969249	1.46	cps
Indium	115-2	334854	332383	330569	332602	0.65	cps
Iron	56-2	74138035	74032346	74445924	74205435	0.29	cps
Iron	57-2	1890569	1897942	1908208	1898907	0.47	cps
Lead	206-1	2936955	2973032	2915149	2941712	0.99	cps
Lead	207-1	2686536	2728520	2703623	2706226	0.78	cps
Lead	208-1	11861385	12090478	11988446	11980103	0.96	cps
Lithium	6-1	1174540	1208582	1219171	1200765	1.94	cps
Magnesium	24-2	8108551	8119675	8061724	8096650	0.38	cps
Manganese	55-2	247762	247355	249936	248351	0.56	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:49:23	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3297111	3377807	3351484	3342134	1.23	cps
Molybdenum	94-1	3789571	3921792	3915619	3875661	1.93	cps
Molybdenum	95-1	2081045	2093849	2133357	2102750	1.30	cps
Molybdenum	96-1	2663791	2739666	2706522	2703327	1.41	cps
Molybdenum	97-1	1248765	1275465	1274343	1266191	1.19	cps
Neodymium	150-1	147	160	193	167	14.42	cps
Neodymium	150-2	3	20	17	13	66.16	cps
Nickel	60-2	279975	277587	276074	277879	0.71	cps
Phosphorus	31-2	4759	4568	5043	4790	4.99	cps
Potassium	39-2	2302144	2292525	2262794	2285821	0.90	cps
Rhodium	103-1	7125120	7308898	7358045	7264021	1.69	cps
Rhodium	103-2	1932405	1946281	1914413	1931033	0.83	cps
Scandium	45-1	4760726	4887803	4881286	4843272	1.48	cps
Scandium	45-2	39328	39646	38720	39231	1.20	cps
Selenium	77-2	310	370	403	361	13.10	cps
Selenium	78-2	1239	1187	1193	1206	2.36	cps
Selenium	82-1	63045	64369	64891	64102	1.48	cps
Silicon	28-1	2270098	2317899	2307131	2298376	1.09	cps
Silver	109-1	4769370	4823227	4781780	4791459	0.59	cps
Silver	107-1	4974712	5064164	5090797	5043224	1.21	cps
Sodium	23-2	19429337	19367171	19284443	19360317	0.38	cps
Strontium	86-1	1319265	1337352	1347645	1334754	1.08	cps
Strontium	88-1	11305918	11425886	11568647	11433484	1.15	cps
Sulfur	34-1	715088	728924	735283	726432	1.42	cps
Terbium	159-1	10303924	10621603	10621097	10515542	1.74	cps
Terbium	159-2	2094789	2067198	2092271	2084753	0.73	cps
Thallium	203-1	3614129	3676806	3666344	3652426	0.92	cps
Thallium	205-1	8375435	8581835	8620552	8525941	1.55	cps
Tin	118-1	3326371	3378549	3338363	3347761	0.82	cps
Titanium	47-1	552271	558556	557320	556049	0.60	cps
Uranium	238-1	11648658	11923387	11805319	11792455	1.17	cps
Vanadium	51-2	339499	338266	338714	338827	0.18	cps
Yttrium	89-1	8372274	8547577	8663338	8527730	1.72	cps
Yttrium	89-2	260757	256501	255052	257437	1.15	cps
Zinc	66-2	143332	143395	143193	143307	0.07	cps
Zirconium	90-1	7189240	7350225	7334498	7291321	1.22	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV040	Instrumnet Name :	P8
Client Sample ID :	CCV040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:49:23	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1619032	1643527	1659714	1640758	1.25	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:52:23	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	25	25	33.34	cps
Antimony	121-1	2475	2184	2442	2367	6.75	cps
Arsenic	75-2	2	9	9	7	63.01	cps
Barium	135-1	125	100	58	94	35.66	cps
Barium	137-1	225	242	117	194	34.91	cps
Beryllium	9-1	372	311	372	352	10.03	cps
Bismuth	209-1	6097423	6407806	6248026	6251085	2.48	cps
Bismuth	209-2	1752087	1792928	1782955	1775990	1.20	cps
Boron	11-1	11922	11638	10121	11227	8.63	cps
Boron	10-1	2592	2384	2392	2456	4.80	cps
Cadmium	106-1	1809	1667	1667	1714	4.77	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Cadmium	111-1	1341	1240	1188	1256	6.16	cps
Calcium	43-1	1850	1458	1809	1706	12.61	cps
Calcium	44-1	36348	34360	34477	35062	3.18	cps
Chromium	52-2	560	617	657	611	7.95	cps
Cobalt	59-2	47	50	57	51	9.96	cps
Copper	63-2	403	340	360	368	8.80	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	33	67	58	37.80	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Gadolinium	160-2	13	0	13	9	86.60	cps
Holmium	165-1	9522134	9946905	9672941	9713993	2.22	cps
Holmium	165-2	2156587	2162546	2153482	2157538	0.21	cps
Indium	115-1	7925717	8206502	8066438	8066219	1.74	cps
Indium	115-2	346456	347677	347660	347264	0.20	cps
Iron	56-2	3239	3106	3000	3115	3.84	cps
Iron	57-2	106	89	94	96	8.81	cps
Lead	206-1	995	878	795	889	11.30	cps
Lead	207-1	744	883	811	813	8.55	cps
Lead	208-1	3556	3756	3456	3589	4.26	cps
Lithium	6-1	1155305	1213278	1180427	1183003	2.46	cps
Magnesium	24-2	208	342	267	272	24.56	cps
Manganese	55-2	50	47	73	57	25.64	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:52:23	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1433	1333	1158	1308	10.64	cps
Molybdenum	94-1	1058	1008	858	975	10.68	cps
Molybdenum	95-1	1067	958	733	920	18.49	cps
Molybdenum	96-1	1083	1042	1042	1056	2.28	cps
Molybdenum	97-1	725	633	558	639	13.07	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	417	363	400	393	6.94	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3009	3109	3334	3151	5.29	cps
Rhodium	103-1	7341133	7617605	7600495	7519744	2.06	cps
Rhodium	103-2	2028429	2039941	2031374	2033248	0.29	cps
Scandium	45-1	4712263	4826622	4787247	4775377	1.22	cps
Scandium	45-2	38476	38764	39165	38801	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-17	-66	12	-24	-166.73	cps
Silicon	28-1	422394	416311	419074	419260	0.73	cps
Silver	109-1	408	442	483	444	8.46	cps
Silver	107-1	542	433	517	497	11.41	cps
Sodium	23-2	12414	12431	12456	12434	0.17	cps
Strontium	86-1	942	1000	958	967	3.11	cps
Strontium	88-1	533	558	400	497	17.12	cps
Sulfur	34-1	388974	392134	391604	390904	0.43	cps
Terbium	159-1	9949515	10322729	10198097	10156780	1.87	cps
Terbium	159-2	2086724	2084724	2074154	2081867	0.32	cps
Thallium	203-1	992	1033	683	903	21.18	cps
Thallium	205-1	2342	2217	2059	2206	6.44	cps
Tin	118-1	1834	1975	1509	1772	13.50	cps
Titanium	47-1	208	183	225	206	10.20	cps
Uranium	238-1	458	308	242	336	33.02	cps
Vanadium	51-2	10	10	30	17	69.28	cps
Yttrium	89-1	8256228	8533148	8467174	8418850	1.72	cps
Yttrium	89-2	255835	257053	259999	257629	0.83	cps
Zinc	66-2	77	73	67	72	7.05	cps
Zirconium	90-1	1225	1292	1192	1236	4.12	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCB040	Instrumnet Name :	P8
Client Sample ID :	CCB040	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:52:23	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	267	333	289	13.32	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:55:31	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	192	150	175	12.60	cps
Antimony	121-1	17996	18155	17704	17952	1.27	cps
Arsenic	75-2	96	70	111	93	22.27	cps
Barium	135-1	17329	17120	17087	17179	0.76	cps
Barium	137-1	29317	30962	28306	29528	4.54	cps
Beryllium	9-1	1333	1472	1283	1363	7.18	cps
Bismuth	209-1	6094360	6191536	6280120	6188672	1.50	cps
Bismuth	209-2	1756297	1743327	1770745	1756790	0.78	cps
Boron	11-1	21367	21124	21350	21280	0.64	cps
Boron	10-1	4059	4434	4451	4315	5.13	cps
Cadmium	106-1	1809	1834	2084	1909	7.97	cps
Cadmium	108-1	175	113	142	143	21.86	cps
Cadmium	111-1	3102	2988	3126	3072	2.40	cps
Calcium	43-1	10104	10321	10004	10143	1.60	cps
Calcium	44-1	178100	179731	180194	179341	0.61	cps
Chromium	52-2	2387	2307	2474	2389	3.49	cps
Cobalt	59-2	1817	1697	1817	1777	3.90	cps
Copper	63-2	3494	3654	3437	3528	3.19	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	58	75	64	15.06	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	58	75	33	56	37.76	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	9609850	9855862	9983001	9816238	1.93	cps
Holmium	165-2	2164708	2158750	2165090	2162849	0.16	cps
Indium	115-1	7995013	8165717	8312473	8157734	1.95	cps
Indium	115-2	354307	351223	352276	352602	0.44	cps
Iron	56-2	28992	28585	28981	28853	0.80	cps
Iron	57-2	733	767	717	739	3.45	cps
Lead	206-1	6241	6091	6174	6168	1.22	cps
Lead	207-1	5701	6002	5574	5759	3.82	cps
Lead	208-1	25850	26206	25650	25902	1.09	cps
Lithium	6-1	1155014	1174233	1197156	1175467	1.79	cps
Magnesium	24-2	14541	14274	15200	14672	3.25	cps
Manganese	55-2	353	330	273	319	12.90	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:55:31	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	28105	27938	27629	27891	0.87	cps
Molybdenum	94-1	14300	14750	15242	14764	3.19	cps
Molybdenum	95-1	17403	17086	17896	17462	2.34	cps
Molybdenum	96-1	19690	19665	19481	19612	0.58	cps
Molybdenum	97-1	11197	11055	10955	11069	1.10	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	827	850	853	843	1.72	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	10921	11197	11505	11208	2.61	cps
Rhodium	103-1	7499553	7605679	7702279	7602504	1.33	cps
Rhodium	103-2	2055263	2032972	2048249	2045494	0.56	cps
Scandium	45-1	4753329	4869218	5006442	4876330	2.60	cps
Scandium	45-2	39903	40442	39876	40074	0.80	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	13	9	9	10	20.36	cps
Selenium	82-1	429	561	451	480	14.66	cps
Silicon	28-1	464001	460576	456367	460315	0.83	cps
Silver	109-1	11113	11606	11797	11505	3.07	cps
Silver	107-1	11514	11138	11597	11416	2.14	cps
Sodium	23-2	44445	43726	44939	44370	1.37	cps
Strontium	86-1	3192	3367	3084	3214	4.45	cps
Strontium	88-1	20258	20174	19373	19935	2.45	cps
Sulfur	34-1	389643	394152	391426	391740	0.58	cps
Terbium	159-1	10003863	10194932	10373428	10190741	1.81	cps
Terbium	159-2	2091790	2084200	2089310	2088433	0.19	cps
Thallium	203-1	6335	6769	6293	6466	4.07	cps
Thallium	205-1	15485	15969	15785	15747	1.55	cps
Tin	118-1	28339	28457	28122	28306	0.60	cps
Titanium	47-1	4668	4801	4701	4723	1.47	cps
Uranium	238-1	18723	19366	19107	19065	1.70	cps
Vanadium	51-2	2797	2940	2870	2869	2.50	cps
Yttrium	89-1	8449946	8605448	8681342	8578912	1.37	cps
Yttrium	89-2	261055	261315	260630	261000	0.13	cps
Zinc	66-2	380	347	323	350	8.14	cps
Zirconium	90-1	13449	12957	12565	12990	3.41	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 12:55:31	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2800	3117	2784	2900	6.48	cps

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 13:01:55 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	25	22	21.64	cps
Antimony	121-1	308	533	367	403	28.99	cps
Arsenic	75-2	0	6	2	2	114.63	cps
Barium	135-1	67	33	92	64	45.81	cps
Barium	137-1	83	83	67	78	12.37	cps
Beryllium	9-1	228	272	217	239	12.30	cps
Bismuth	209-1	6338553	6207280	6215574	6253802	1.18	cps
Bismuth	209-2	1846598	1831313	1808265	1828725	1.06	cps
Boron	11-1	4884	4718	4626	4743	2.76	cps
Boron	10-1	892	958	1108	986	11.25	cps
Cadmium	106-1	1817	1625	1667	1703	5.92	cps
Cadmium	108-1	25	4	13	14	75.48	cps
Cadmium	111-1	1271	1147	1175	1198	5.43	cps
Calcium	43-1	1709	1517	1550	1592	6.44	cps
Calcium	44-1	31779	31311	32388	31826	1.70	cps
Chromium	52-2	690	610	777	692	12.04	cps
Cobalt	59-2	70	33	50	51	35.92	cps
Copper	63-2	287	260	270	272	4.95	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	42	133	50	75	67.59	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	9920522	9818663	9821389	9853525	0.59	cps
Holmium	165-2	2221384	2246425	2175276	2214362	1.63	cps
Indium	115-1	8236503	8209255	8222414	8222724	0.17	cps
Indium	115-2	358330	360455	357929	358905	0.38	cps
Iron	56-2	2106	2206	2061	2124	3.48	cps
Iron	57-2	56	50	56	54	5.98	cps
Lead	206-1	845	611	644	700	18.03	cps
Lead	207-1	617	694	594	635	8.27	cps
Lead	208-1	3022	2728	2667	2806	6.78	cps
Lithium	6-1	1201512	1206279	1176967	1194919	1.32	cps
Magnesium	24-2	292	308	342	314	8.11	cps
Manganese	55-2	73	50	70	64	19.58	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:01:55	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	308	267	383	319	18.51	cps
Molybdenum	94-1	442	383	342	389	12.92	cps
Molybdenum	95-1	275	192	300	256	22.20	cps
Molybdenum	96-1	367	292	325	328	11.47	cps
Molybdenum	97-1	150	192	208	183	16.39	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	340	273	333	316	11.64	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2892	3317	3042	3084	6.99	cps
Rhodium	103-1	7723804	7691995	7752402	7722734	0.39	cps
Rhodium	103-2	2107416	2092445	2089753	2096538	0.45	cps
Scandium	45-1	4907884	4919859	4927956	4918566	0.21	cps
Scandium	45-2	40050	41227	39676	40318	2.01	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	-67	-47	-72	-62	-21.55	cps
Silicon	28-1	425491	420656	425674	423940	0.67	cps
Silver	109-1	117	258	217	197	36.92	cps
Silver	107-1	200	192	250	214	14.75	cps
Sodium	23-2	7928	7627	7911	7822	2.16	cps
Strontium	86-1	892	967	958	939	4.38	cps
Strontium	88-1	258	225	158	214	23.81	cps
Sulfur	34-1	399178	398047	403603	400276	0.73	cps
Terbium	159-1	10439107	10130560	10341457	10303708	1.53	cps
Terbium	159-2	2141498	2125839	2117947	2128428	0.56	cps
Thallium	203-1	350	300	283	311	11.15	cps
Thallium	205-1	758	750	767	758	1.10	cps
Tin	118-1	925	825	1000	917	9.58	cps
Titanium	47-1	192	158	100	150	30.94	cps
Uranium	238-1	75	92	142	103	33.76	cps
Vanadium	51-2	7	13	27	16	65.47	cps
Yttrium	89-1	8573889	8797772	8642663	8671441	1.32	cps
Yttrium	89-2	265431	268366	264099	265965	0.82	cps
Zinc	66-2	67	47	37	50	30.55	cps
Zirconium	90-1	758	708	758	742	3.89	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:01:55	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	158	200	197	19.05	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:05:03	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	233	225	225	3.70	cps
Antimony	121-1	33877	35164	35924	34988	2.96	cps
Arsenic	75-2	206	219	222	215	4.06	cps
Barium	135-1	37429	36944	36410	36928	1.38	cps
Barium	137-1	62398	64124	63025	63182	1.38	cps
Beryllium	9-1	2639	2584	2595	2606	1.13	cps
Bismuth	209-1	6281801	6148514	6264723	6231679	1.16	cps
Bismuth	209-2	1839867	1775501	1816911	1810760	1.80	cps
Boron	11-1	35144	35512	35762	35473	0.88	cps
Boron	10-1	7452	8286	8561	8100	7.13	cps
Cadmium	106-1	2084	2092	2425	2200	8.86	cps
Cadmium	108-1	317	308	300	308	2.70	cps
Cadmium	111-1	5154	5020	5447	5207	4.19	cps
Calcium	43-1	20608	19748	21200	20519	3.56	cps
Calcium	44-1	344663	347821	344718	345734	0.52	cps
Chromium	52-2	4297	4594	4117	4336	5.55	cps
Cobalt	59-2	4061	3997	3794	3951	3.53	cps
Copper	63-2	7469	7165	7235	7290	2.18	cps
Dysprosium	156-1	17	17	33	22	43.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	58	92	78	22.30	cps
Erbium	164-2	10	7	20	12	56.76	cps
Gadolinium	160-1	58	25	67	50	44.10	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	9898991	9698968	9897511	9831823	1.17	cps
Holmium	165-2	2253749	2219409	2217464	2230207	0.92	cps
Indium	115-1	8285756	8257258	8349350	8297455	0.57	cps
Indium	115-2	363941	361833	359369	361714	0.63	cps
Iron	56-2	234474	230334	233719	232842	0.95	cps
Iron	57-2	5874	5807	5974	5885	1.43	cps
Lead	206-1	12395	13491	13085	12990	4.26	cps
Lead	207-1	11695	11645	12067	11802	1.96	cps
Lead	208-1	52478	53479	52950	52969	0.95	cps
Lithium	6-1	1194038	1171955	1192452	1186148	1.04	cps
Magnesium	24-2	31561	31720	30960	31414	1.28	cps
Manganese	55-2	573	590	570	578	1.85	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:05:03	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	121086	120214	118513	119938	1.09	cps
Molybdenum	94-1	51323	51515	52327	51722	1.03	cps
Molybdenum	95-1	73943	74077	73725	73915	0.24	cps
Molybdenum	96-1	79474	81470	79600	80181	1.39	cps
Molybdenum	97-1	46020	46338	46071	46143	0.37	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1553	1417	1490	1487	4.60	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	21642	21275	21083	21333	1.33	cps
Rhodium	103-1	7780149	7790153	7787556	7785953	0.07	cps
Rhodium	103-2	2118444	2108355	2094108	2106969	0.58	cps
Scandium	45-1	4946738	4963300	4980101	4963379	0.34	cps
Scandium	45-2	41181	41341	41037	41186	0.37	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	48	28	24	33	38.90	cps
Selenium	82-1	1229	1157	1201	1196	3.03	cps
Silicon	28-1	510645	508760	516609	512005	0.80	cps
Silver	109-1	18739	19265	18805	18936	1.51	cps
Silver	107-1	19331	19882	19824	19679	1.54	cps
Sodium	23-2	83864	82614	83269	83249	0.75	cps
Strontium	86-1	6052	5643	5952	5882	3.62	cps
Strontium	88-1	44181	42902	43972	43685	1.57	cps
Sulfur	34-1	401943	404158	406340	404147	0.54	cps
Terbium	159-1	10445844	10205878	10320080	10323934	1.16	cps
Terbium	159-2	2178949	2151048	2107783	2145927	1.67	cps
Thallium	203-1	13024	13591	13007	13207	2.52	cps
Thallium	205-1	31440	31616	32442	31833	1.68	cps
Tin	118-1	60572	61802	61350	61241	1.02	cps
Titanium	47-1	10338	10488	10046	10290	2.18	cps
Uranium	238-1	41144	40910	40525	40860	0.76	cps
Vanadium	51-2	6675	6442	6608	6575	1.83	cps
Yttrium	89-1	8777499	8574597	8809165	8720420	1.46	cps
Yttrium	89-2	273659	268727	267557	269981	1.20	cps
Zinc	66-2	667	627	677	657	4.03	cps
Zirconium	90-1	26610	26401	27412	26808	1.99	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:05:03	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6177	5660	6377	6071	6.09	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:08:11	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	217	258	308	261	17.58	cps
Arsenic	75-2	6	6	9	7	31.45	cps
Barium	135-1	33	33	50	39	24.74	cps
Barium	137-1	117	42	25	61	79.90	cps
Beryllium	9-1	178	200	222	200	11.11	cps
Bismuth	209-1	6209735	6311583	6425099	6315472	1.71	cps
Bismuth	209-2	1845759	1853335	1739767	1812954	3.50	cps
Boron	11-1	4776	4343	4167	4429	7.07	cps
Boron	10-1	958	942	917	939	2.23	cps
Cadmium	106-1	1800	1759	1842	1800	2.31	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Cadmium	111-1	1256	1238	1311	1268	3.03	cps
Calcium	43-1	1583	1483	1567	1545	3.47	cps
Calcium	44-1	31052	31536	31394	31328	0.79	cps
Chromium	52-2	590	700	663	651	8.60	cps
Cobalt	59-2	37	53	57	49	21.91	cps
Copper	63-2	293	307	323	308	4.88	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	58	83	108	83	30.00	cps
Gadolinium	160-2	10	0	0	3	173.21	cps
Holmium	165-1	9719208	9934809	10153248	9935755	2.18	cps
Holmium	165-2	2256012	2247857	2090847	2198239	4.23	cps
Indium	115-1	8196567	8312799	8508007	8339124	1.89	cps
Indium	115-2	367390	364795	344562	358916	3.48	cps
Iron	56-2	2034	2067	2167	2089	3.32	cps
Iron	57-2	83	44	61	63	30.99	cps
Lead	206-1	1006	767	839	870	14.08	cps
Lead	207-1	694	772	650	706	8.77	cps
Lead	208-1	3389	3217	3178	3261	3.45	cps
Lithium	6-1	1173815	1184119	1218729	1192221	1.97	cps
Magnesium	24-2	225	408	333	322	28.61	cps
Manganese	55-2	77	87	83	82	6.19	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:08:11	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	283	317	275	292	7.56	cps
Molybdenum	94-1	442	283	350	358	22.19	cps
Molybdenum	95-1	258	208	158	208	24.00	cps
Molybdenum	96-1	392	325	375	364	9.53	cps
Molybdenum	97-1	200	158	158	172	13.97	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	317	267	273	286	9.51	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3067	3267	3292	3209	3.84	cps
Rhodium	103-1	7773958	7821993	7990355	7862102	1.45	cps
Rhodium	103-2	2124176	2121297	1997265	2080913	3.48	cps
Scandium	45-1	4889819	4929374	5034944	4951379	1.52	cps
Scandium	45-2	40913	41013	38530	40152	3.50	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-52	17	39	2	2892.32	cps
Silicon	28-1	420393	430347	425770	425503	1.17	cps
Silver	109-1	208	367	317	297	27.23	cps
Silver	107-1	275	367	350	331	14.77	cps
Sodium	23-2	7677	7636	7302	7538	2.73	cps
Strontium	86-1	1000	1108	908	1006	9.96	cps
Strontium	88-1	167	233	217	206	16.88	cps
Sulfur	34-1	404060	407531	409074	406888	0.63	cps
Terbium	159-1	10212780	10365668	10619713	10399387	1.98	cps
Terbium	159-2	2184029	2165252	2027924	2125735	4.01	cps
Thallium	203-1	267	325	333	308	11.78	cps
Thallium	205-1	692	608	617	639	7.18	cps
Tin	118-1	858	633	842	778	16.12	cps
Titanium	47-1	183	158	117	153	22.04	cps
Uranium	238-1	75	58	142	92	48.11	cps
Vanadium	51-2	17	10	23	17	39.99	cps
Yttrium	89-1	8722987	8758827	8980588	8820801	1.58	cps
Yttrium	89-2	274309	273431	254537	267426	4.18	cps
Zinc	66-2	27	43	37	36	23.58	cps
Zirconium	90-1	567	608	650	608	6.85	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:08:11	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	92	200	153	36.32	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:12:20	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	225	200	219	7.91	cps
Antimony	121-1	36334	35716	35189	35746	1.60	cps
Arsenic	75-2	250	226	207	228	9.38	cps
Barium	135-1	36585	36393	37647	36875	1.83	cps
Barium	137-1	64751	63545	63763	64020	1.00	cps
Beryllium	9-1	2589	2695	2806	2697	4.02	cps
Bismuth	209-1	6187901	6320986	6100795	6203228	1.79	cps
Bismuth	209-2	1822193	1812364	1811647	1815401	0.32	cps
Boron	11-1	35319	34785	35779	35294	1.41	cps
Boron	10-1	7552	7511	7869	7644	2.57	cps
Cadmium	106-1	2334	2150	2284	2256	4.20	cps
Cadmium	108-1	354	271	313	313	13.33	cps
Cadmium	111-1	5186	5120	5060	5122	1.24	cps
Calcium	43-1	20474	22027	21008	21170	3.73	cps
Calcium	44-1	349333	348331	342645	346769	1.04	cps
Chromium	52-2	4324	4264	4181	4256	1.69	cps
Cobalt	59-2	4094	4111	4007	4071	1.36	cps
Copper	63-2	7586	7589	7392	7522	1.50	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	92	67	58	72	24.02	cps
Erbium	164-2	0	3	13	6	124.93	cps
Gadolinium	160-1	25	100	133	86	64.44	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	9846492	10109306	9704331	9886710	2.08	cps
Holmium	165-2	2253849	2227146	2233542	2238179	0.62	cps
Indium	115-1	8303505	8540634	8165921	8336686	2.27	cps
Indium	115-2	368456	363501	364699	365552	0.71	cps
Iron	56-2	235185	236060	234787	235344	0.28	cps
Iron	57-2	5612	6196	5790	5866	5.10	cps
Lead	206-1	13224	13246	13541	13337	1.33	cps
Lead	207-1	11528	11750	11133	11470	2.72	cps
Lead	208-1	53318	53111	52555	52995	0.74	cps
Lithium	6-1	1170366	1193449	1136077	1166631	2.47	cps
Magnesium	24-2	31210	31544	31853	31536	1.02	cps
Manganese	55-2	570	617	617	601	4.48	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:12:20	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	120464	117833	120699	119665	1.33	cps
Molybdenum	94-1	52235	52410	52469	52371	0.23	cps
Molybdenum	95-1	75846	74464	73440	74583	1.62	cps
Molybdenum	96-1	81076	81604	81042	81241	0.39	cps
Molybdenum	97-1	46263	45979	46640	46294	0.72	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2024	2014	1914	1984	3.07	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	20507	20549	20825	20627	0.84	cps
Rhodium	103-1	7825940	7957175	7680962	7821359	1.77	cps
Rhodium	103-2	2115463	2099460	2113501	2109475	0.41	cps
Scandium	45-1	4983355	5131418	4892920	5002564	2.41	cps
Scandium	45-2	41535	41090	41180	41268	0.57	cps
Selenium	77-2	13	7	0	7	99.98	cps
Selenium	78-2	28	31	37	32	14.52	cps
Selenium	82-1	1344	1195	1147	1229	8.35	cps
Silicon	28-1	521337	510175	518665	516725	1.13	cps
Silver	109-1	17796	18997	19047	18614	3.81	cps
Silver	107-1	19131	20558	19365	19685	3.89	cps
Sodium	23-2	81769	82388	81769	81975	0.44	cps
Strontium	86-1	6002	6177	6027	6068	1.56	cps
Strontium	88-1	44131	44030	44114	44092	0.12	cps
Sulfur	34-1	404465	404788	405941	405065	0.19	cps
Terbium	159-1	10328949	10467088	10097117	10297718	1.82	cps
Terbium	159-2	2129834	2119340	2170067	2139747	1.25	cps
Thallium	203-1	12624	13766	13199	13196	4.33	cps
Thallium	205-1	31699	31632	32443	31925	1.41	cps
Tin	118-1	63008	61417	61408	61944	1.49	cps
Titanium	47-1	10071	9745	10538	10118	3.94	cps
Uranium	238-1	41562	40333	41169	41022	1.53	cps
Vanadium	51-2	6638	6462	6498	6533	1.43	cps
Yttrium	89-1	8717261	8967112	8521784	8735386	2.56	cps
Yttrium	89-2	271471	268808	270727	270335	0.51	cps
Zinc	66-2	593	630	690	638	7.65	cps
Zirconium	90-1	26660	26118	27412	26730	2.43	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	PB102344BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:12:20	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5977	6043	6160	6060	1.53	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P8
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:17:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	67	72	24.02	cps
Antimony	121-1	2267	2175	2067	2170	4.61	cps
Arsenic	75-2	30	26	30	28	7.52	cps
Barium	135-1	2450	2400	2409	2420	1.11	cps
Barium	137-1	4018	4176	3751	3981	5.40	cps
Beryllium	9-1	494	478	344	439	18.73	cps
Bismuth	209-1	6111724	6162088	5788517	6020776	3.37	cps
Bismuth	209-2	1731224	1805703	1742839	1759922	2.28	cps
Boron	11-1	3284	3576	3434	3431	4.25	cps
Boron	10-1	742	900	800	814	9.84	cps
Cadmium	106-1	1734	2125	1617	1825	14.59	cps
Cadmium	108-1	46	33	46	42	17.32	cps
Cadmium	111-1	1611	2019	1583	1737	14.04	cps
Calcium	43-1	2050	2050	2000	2034	1.42	cps
Calcium	44-1	38496	40652	39306	39485	2.76	cps
Chromium	52-2	933	920	793	882	8.76	cps
Cobalt	59-2	403	483	460	449	9.16	cps
Copper	63-2	1020	1063	1083	1056	3.07	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	50	75	92	72	29.04	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	9719853	9881999	9294037	9631963	3.15	cps
Holmium	165-2	2099048	2161868	2151257	2137391	1.57	cps
Indium	115-1	8297746	8343284	7748212	8129747	4.07	cps
Indium	115-2	346031	360517	350491	352347	2.11	cps
Iron	56-2	8892	9492	8931	9105	3.69	cps
Iron	57-2	300	189	239	243	22.94	cps
Lead	206-1	2150	2000	1939	2030	5.35	cps
Lead	207-1	1650	1906	1695	1750	7.80	cps
Lead	208-1	8012	8062	7640	7905	2.92	cps
Lithium	6-1	1140138	1161489	1094645	1132091	3.02	cps
Magnesium	24-2	1083	1233	1217	1178	6.98	cps
Manganese	55-2	167	183	197	182	8.25	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P8
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:17:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1675	1500	1634	1603	5.70	cps
Molybdenum	94-1	1984	1984	1784	1917	6.03	cps
Molybdenum	95-1	942	1158	958	1020	11.83	cps
Molybdenum	96-1	1275	1250	1467	1331	8.91	cps
Molybdenum	97-1	733	725	700	720	2.41	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	860	800	903	854	6.07	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	3592	3309	3176	3359	6.34	cps
Rhodium	103-1	7744102	7932513	7301398	7659338	4.23	cps
Rhodium	103-2	1992755	2068780	1982928	2014821	2.33	cps
Scandium	45-1	4885753	5047252	4679524	4870843	3.78	cps
Scandium	45-2	39760	40662	39713	40045	1.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	7	5	57.32	cps
Selenium	82-1	-16	-15	-159	-64	-130.26	cps
Silicon	28-1	421208	432577	422320	425368	1.47	cps
Silver	109-1	2309	2084	2509	2300	9.25	cps
Silver	107-1	2725	2650	2359	2578	7.52	cps
Sodium	23-2	9187	8987	8953	9042	1.40	cps
Strontium	86-1	1525	1417	1383	1442	5.14	cps
Strontium	88-1	5135	5560	4901	5198	6.42	cps
Sulfur	34-1	407950	405911	404667	406176	0.41	cps
Terbium	159-1	10164763	10166785	9590830	9974126	3.33	cps
Terbium	159-2	2027401	2131062	2065416	2074626	2.53	cps
Thallium	203-1	1850	1609	1592	1684	8.59	cps
Thallium	205-1	4259	4343	4076	4226	3.23	cps
Tin	118-1	2242	2275	1917	2145	9.23	cps
Titanium	47-1	458	400	442	433	6.93	cps
Uranium	238-1	4393	4985	4776	4718	6.36	cps
Vanadium	51-2	180	173	180	178	2.16	cps
Yttrium	89-1	8641327	8780446	8157743	8526505	3.83	cps
Yttrium	89-2	257972	266934	261312	262073	1.73	cps
Zinc	66-2	107	107	120	111	6.93	cps
Zirconium	90-1	3784	3642	3392	3606	5.50	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-1	Instrumnet Name :	P8
Client Sample ID :	Water MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:17:20	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	675	767	942	795	17.06	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P8
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:20:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	67	67	58	24.74	cps
Antimony	121-1	2409	2184	2234	2275	5.19	cps
Arsenic	75-2	43	15	37	31	46.70	cps
Barium	135-1	2192	2509	2159	2286	8.45	cps
Barium	137-1	4234	4118	4042	4131	2.34	cps
Beryllium	9-1	467	428	506	467	8.33	cps
Bismuth	209-1	6092429	5768150	6038609	5966396	2.91	cps
Bismuth	209-2	1819729	1820032	1860767	1833509	1.29	cps
Boron	11-1	3351	3017	3251	3206	5.34	cps
Boron	10-1	783	675	717	725	7.54	cps
Cadmium	106-1	1842	1959	1825	1875	3.87	cps
Cadmium	108-1	42	67	50	53	24.12	cps
Cadmium	111-1	1773	1745	1605	1708	5.26	cps
Calcium	43-1	2084	2042	2409	2178	9.22	cps
Calcium	44-1	39339	38955	40476	39590	2.00	cps
Chromium	52-2	917	910	863	897	3.24	cps
Cobalt	59-2	550	460	497	502	9.01	cps
Copper	63-2	1073	1120	1107	1100	2.19	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	125	83	100	103	20.40	cps
Gadolinium	160-2	0	13	13	9	86.60	cps
Holmium	165-1	9706367	9251542	9639159	9532356	2.58	cps
Holmium	165-2	2198839	2256339	2198604	2217927	1.50	cps
Indium	115-1	8276370	7825521	8095657	8065849	2.81	cps
Indium	115-2	366825	368575	368819	368073	0.30	cps
Iron	56-2	9392	9092	9409	9298	1.92	cps
Iron	57-2	294	183	256	244	23.07	cps
Lead	206-1	1995	2078	2128	2067	3.26	cps
Lead	207-1	1811	1767	1756	1778	1.65	cps
Lead	208-1	7885	7557	8018	7820	3.04	cps
Lithium	6-1	1112839	1054844	1141235	1102973	3.99	cps
Magnesium	24-2	1167	1175	1067	1136	5.31	cps
Manganese	55-2	170	207	167	181	12.25	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P8
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:20:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1767	1467	1650	1628	9.29	cps
Molybdenum	94-1	2167	1892	1992	2017	6.90	cps
Molybdenum	95-1	842	1092	1042	992	13.34	cps
Molybdenum	96-1	1350	1308	1458	1372	5.64	cps
Molybdenum	97-1	717	600	642	653	9.06	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	953	947	883	928	4.16	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3000	2950	3184	3045	4.04	cps
Rhodium	103-1	7787514	7365317	7581049	7577960	2.79	cps
Rhodium	103-2	2103751	2118057	2126405	2116071	0.54	cps
Scandium	45-1	4992272	4682958	4873369	4849533	3.22	cps
Scandium	45-2	40997	41588	40622	41069	1.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	36	-31	-73	-23	-244.45	cps
Silicon	28-1	429981	427824	424930	427578	0.59	cps
Silver	109-1	2109	2409	2317	2278	6.75	cps
Silver	107-1	2300	2342	2367	2336	1.44	cps
Sodium	23-2	9228	8861	9737	9276	4.74	cps
Strontium	86-1	1458	1442	1383	1428	2.76	cps
Strontium	88-1	5793	5526	5401	5574	3.59	cps
Sulfur	34-1	409348	411586	408440	409792	0.40	cps
Terbium	159-1	10172412	9617482	9986542	9925479	2.85	cps
Terbium	159-2	2166376	2156670	2156194	2159746	0.27	cps
Thallium	203-1	1742	1575	1492	1603	7.94	cps
Thallium	205-1	4384	4284	4476	4382	2.19	cps
Tin	118-1	2417	2167	2375	2320	5.78	cps
Titanium	47-1	392	417	392	400	3.61	cps
Uranium	238-1	4584	5185	5035	4935	6.33	cps
Vanadium	51-2	157	147	173	159	8.48	cps
Yttrium	89-1	8643429	8298924	8622273	8521542	2.27	cps
Yttrium	89-2	273796	272349	273914	273353	0.32	cps
Zinc	66-2	133	110	107	117	12.46	cps
Zirconium	90-1	3551	3476	3726	3584	3.58	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-2	Instrumnet Name :	P8
Client Sample ID :	Water MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:20:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1008	867	683	853	19.11	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P8
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:23:41	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	42	47	20.38	cps
Antimony	121-1	2092	2434	2484	2336	9.13	cps
Arsenic	75-2	22	28	52	34	46.39	cps
Barium	135-1	2592	2184	2342	2373	8.68	cps
Barium	137-1	4126	3776	4134	4012	5.10	cps
Beryllium	9-1	417	417	439	424	3.03	cps
Bismuth	209-1	6121627	6065424	6036440	6074497	0.71	cps
Bismuth	209-2	1845564	1772110	1858808	1825494	2.56	cps
Boron	11-1	3059	2942	3176	3059	3.82	cps
Boron	10-1	533	683	708	642	14.75	cps
Cadmium	106-1	1750	1759	1592	1700	5.52	cps
Cadmium	108-1	17	38	46	33	45.06	cps
Cadmium	111-1	1659	1630	1570	1620	2.82	cps
Calcium	43-1	2409	2167	2484	2353	7.03	cps
Calcium	44-1	39005	38312	39389	38902	1.40	cps
Chromium	52-2	913	1013	860	929	8.38	cps
Cobalt	59-2	510	537	540	529	3.11	cps
Copper	63-2	1113	1150	1127	1130	1.64	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	67	58	67	64	7.53	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	9697387	9573141	9635420	9635316	0.64	cps
Holmium	165-2	2253800	2183062	2260460	2232441	1.92	cps
Indium	115-1	8236443	8104452	8105847	8148914	0.93	cps
Indium	115-2	374397	352447	373647	366830	3.40	cps
Iron	56-2	9376	9203	9409	9329	1.18	cps
Iron	57-2	250	322	239	270	16.73	cps
Lead	206-1	1778	1861	1895	1845	3.26	cps
Lead	207-1	1556	1606	1772	1645	6.90	cps
Lead	208-1	7296	7307	7618	7407	2.47	cps
Lithium	6-1	1152484	1125644	1127313	1135147	1.32	cps
Magnesium	24-2	1108	983	1167	1086	8.62	cps
Manganese	55-2	197	163	197	186	10.37	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P8
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:23:41	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1567	1483	1509	1520	2.81	cps
Molybdenum	94-1	1859	2000	1992	1950	4.08	cps
Molybdenum	95-1	1042	1017	1050	1036	1.67	cps
Molybdenum	96-1	1217	1450	1317	1328	8.82	cps
Molybdenum	97-1	783	725	800	770	5.12	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	897	823	923	881	5.88	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3034	3301	3159	3164	4.22	cps
Rhodium	103-1	7761440	7637353	7673701	7690831	0.83	cps
Rhodium	103-2	2130447	2042626	2122715	2098596	2.32	cps
Scandium	45-1	5024951	4840083	4895157	4920064	1.93	cps
Scandium	45-2	43083	39770	42150	41667	4.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	4	6	6	33.38	cps
Selenium	82-1	-51	53	-37	-12	-480.87	cps
Silicon	28-1	429061	437253	438111	434809	1.15	cps
Silver	109-1	2309	2159	2375	2281	4.87	cps
Silver	107-1	2400	2509	2559	2489	3.25	cps
Sodium	23-2	9420	8778	9170	9123	3.55	cps
Strontium	86-1	1617	1609	1308	1511	11.63	cps
Strontium	88-1	5018	5210	5551	5260	5.14	cps
Sulfur	34-1	413447	409761	412172	411793	0.45	cps
Terbium	159-1	10118603	10035548	10085764	10079972	0.41	cps
Terbium	159-2	2193513	2081472	2164091	2146359	2.71	cps
Thallium	203-1	1659	1609	1609	1625	1.78	cps
Thallium	205-1	3984	4284	4101	4123	3.67	cps
Tin	118-1	2059	2275	2417	2250	8.02	cps
Titanium	47-1	400	342	417	386	10.20	cps
Uranium	238-1	4643	5010	4718	4790	4.05	cps
Vanadium	51-2	163	143	220	176	22.65	cps
Yttrium	89-1	8643134	8587552	8599849	8610179	0.34	cps
Yttrium	89-2	275518	264440	273617	271192	2.18	cps
Zinc	66-2	127	107	117	117	8.57	cps
Zirconium	90-1	3584	3651	3459	3565	2.73	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-3	Instrumnet Name :	P8
Client Sample ID :	Water MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:23:41	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	792	892	875	853	6.28	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P8
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:26:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	92	67	33.07	cps
Antimony	121-1	2417	2450	2192	2353	5.97	cps
Arsenic	75-2	24	26	20	23	12.07	cps
Barium	135-1	2067	2334	2400	2267	7.78	cps
Barium	137-1	3984	3751	3751	3829	3.52	cps
Beryllium	9-1	411	417	483	437	9.20	cps
Bismuth	209-1	5978151	5937976	5922162	5946096	0.49	cps
Bismuth	209-2	1864567	1838790	1804707	1836021	1.64	cps
Boron	11-1	2775	2467	2884	2709	7.98	cps
Boron	10-1	567	633	667	622	8.18	cps
Cadmium	106-1	1750	1800	1700	1750	2.86	cps
Cadmium	108-1	46	33	25	35	30.20	cps
Cadmium	111-1	1601	1637	1635	1624	1.23	cps
Calcium	43-1	2367	1975	2167	2170	9.03	cps
Calcium	44-1	39415	39749	39172	39445	0.73	cps
Chromium	52-2	1013	823	877	904	10.84	cps
Cobalt	59-2	563	487	477	509	9.32	cps
Copper	63-2	1200	1247	1333	1260	5.37	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	83	33	42	53	50.76	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	50	67	42	53	24.12	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	9589275	9529800	9449273	9522783	0.74	cps
Holmium	165-2	2287159	2235572	2226360	2249697	1.46	cps
Indium	115-1	8176707	8065552	8013814	8085358	1.03	cps
Indium	115-2	376202	369877	362881	369653	1.80	cps
Iron	56-2	9353	9509	8781	9214	4.16	cps
Iron	57-2	222	328	239	263	21.58	cps
Lead	206-1	1978	1939	1917	1945	1.59	cps
Lead	207-1	1717	1417	1678	1604	10.17	cps
Lead	208-1	7373	7640	7368	7460	2.09	cps
Lithium	6-1	1130879	1100216	1123870	1118322	1.44	cps
Magnesium	24-2	1083	1225	1008	1106	9.95	cps
Manganese	55-2	160	197	200	186	11.96	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P8
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:26:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1600	1458	1634	1564	5.94	cps
Molybdenum	94-1	1859	1625	1884	1789	7.97	cps
Molybdenum	95-1	842	1167	1092	1033	16.47	cps
Molybdenum	96-1	1217	1308	1225	1250	4.06	cps
Molybdenum	97-1	767	692	683	714	6.43	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	840	897	827	854	4.35	cps
Phosphorus	31-2	0	33	0	11	173.21	cps
Potassium	39-2	3192	3084	3184	3153	1.91	cps
Rhodium	103-1	7757825	7609855	7550341	7639340	1.40	cps
Rhodium	103-2	2143905	2114982	2085604	2114830	1.38	cps
Scandium	45-1	4909208	4783822	4754474	4815834	1.71	cps
Scandium	45-2	41913	41378	40645	41312	1.54	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-5	-58	-1	-21	-148.12	cps
Silicon	28-1	431452	425142	431287	429294	0.84	cps
Silver	109-1	2275	2142	2209	2209	3.02	cps
Silver	107-1	2334	2309	2625	2423	7.27	cps
Sodium	23-2	8978	8911	9053	8981	0.79	cps
Strontium	86-1	1709	1642	1542	1631	5.15	cps
Strontium	88-1	5418	5443	5201	5354	2.48	cps
Sulfur	34-1	418687	408767	409477	412310	1.34	cps
Terbium	159-1	10065288	9898036	9875549	9946291	1.04	cps
Terbium	159-2	2185695	2179588	2109773	2158352	1.95	cps
Thallium	203-1	1784	1909	1775	1822	4.10	cps
Thallium	205-1	3976	3859	4368	4068	6.55	cps
Tin	118-1	2417	2325	2075	2273	7.78	cps
Titanium	47-1	358	408	400	389	6.89	cps
Uranium	238-1	4293	4668	4318	4426	4.74	cps
Vanadium	51-2	160	183	200	181	11.10	cps
Yttrium	89-1	8574558	8557016	8512964	8548179	0.37	cps
Yttrium	89-2	275824	271978	272374	273392	0.77	cps
Zinc	66-2	130	140	120	130	7.69	cps
Zirconium	90-1	3526	3601	3901	3676	5.40	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-4	Instrumnet Name :	P8
Client Sample ID :	Water MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:26:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	933	817	900	883	6.80	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P8
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:30:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	83	75	75	11.11	cps
Antimony	121-1	2425	2167	2259	2284	5.74	cps
Arsenic	75-2	33	39	37	36	7.77	cps
Barium	135-1	2250	2009	2175	2145	5.77	cps
Barium	137-1	4067	3926	3967	3987	1.83	cps
Beryllium	9-1	483	456	489	476	3.75	cps
Bismuth	209-1	6046511	5945198	5909100	5966936	1.19	cps
Bismuth	209-2	1827821	1791747	1790230	1803266	1.18	cps
Boron	11-1	2359	2400	2609	2456	5.45	cps
Boron	10-1	767	617	583	656	14.90	cps
Cadmium	106-1	2050	1667	1750	1822	11.06	cps
Cadmium	108-1	38	46	50	44	14.32	cps
Cadmium	111-1	1896	1656	1657	1736	7.99	cps
Calcium	43-1	2325	1934	2334	2198	10.40	cps
Calcium	44-1	39181	38554	39239	38992	0.97	cps
Chromium	52-2	933	920	857	903	4.53	cps
Cobalt	59-2	523	637	560	573	10.09	cps
Copper	63-2	1060	1123	1103	1096	2.96	cps
Dysprosium	156-1	33	8	42	28	62.46	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	42	33	25.00	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	33	83	83	67	43.31	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	9507457	9409871	9604931	9507420	1.03	cps
Holmium	165-2	2240279	2220806	2219482	2226856	0.52	cps
Indium	115-1	8091669	8047984	8051166	8063606	0.30	cps
Indium	115-2	366315	366328	364697	365780	0.26	cps
Iron	56-2	9498	9220	9220	9313	1.72	cps
Iron	57-2	244	267	261	257	4.49	cps
Lead	206-1	1761	1684	1745	1730	2.37	cps
Lead	207-1	1739	1878	1684	1767	5.67	cps
Lead	208-1	7301	7262	7518	7360	1.87	cps
Lithium	6-1	1149927	1109102	1131108	1130046	1.81	cps
Magnesium	24-2	950	1017	1025	997	4.12	cps
Manganese	55-2	193	163	230	196	17.07	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P8
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:30:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1509	1525	1525	1520	0.63	cps
Molybdenum	94-1	2175	1892	2067	2045	6.99	cps
Molybdenum	95-1	842	1083	1008	978	12.65	cps
Molybdenum	96-1	1358	1342	1200	1300	6.69	cps
Molybdenum	97-1	650	650	667	656	1.47	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	880	887	923	897	2.60	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3351	3292	3234	3292	1.77	cps
Rhodium	103-1	7640916	7588289	7630943	7620049	0.37	cps
Rhodium	103-2	2103335	2069719	2068946	2080667	0.94	cps
Scandium	45-1	4908900	4840741	4892860	4880834	0.73	cps
Scandium	45-2	40946	41234	41287	41156	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	9	4	107.89	cps
Selenium	82-1	-13	-66	1	-26	-136.40	cps
Silicon	28-1	423133	433446	429296	428625	1.21	cps
Silver	109-1	2259	1992	2200	2150	6.52	cps
Silver	107-1	2209	2375	2209	2264	4.25	cps
Sodium	23-2	8703	8970	8853	8842	1.51	cps
Strontium	86-1	1383	1525	1417	1442	5.14	cps
Strontium	88-1	5210	5643	5343	5399	4.11	cps
Sulfur	34-1	414868	406502	410072	410481	1.02	cps
Terbium	159-1	9968957	9870395	9973529	9937627	0.59	cps
Terbium	159-2	2180161	2132003	2119942	2144035	1.49	cps
Thallium	203-1	1600	1542	1867	1670	10.38	cps
Thallium	205-1	4218	4034	3968	4073	3.18	cps
Tin	118-1	2200	2267	1867	2111	10.15	cps
Titanium	47-1	325	383	367	358	8.39	cps
Uranium	238-1	4468	4659	4726	4618	2.91	cps
Vanadium	51-2	143	157	133	144	8.10	cps
Yttrium	89-1	8593180	8450143	8558332	8533885	0.87	cps
Yttrium	89-2	270895	271841	271246	271327	0.18	cps
Zinc	66-2	107	127	147	127	15.79	cps
Zirconium	90-1	3759	3726	3826	3770	1.35	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-5	Instrumnet Name :	P8
Client Sample ID :	Water MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:30:02	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	850	600	717	722	17.32	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P8
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:33:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	58	58	14.29	cps
Antimony	121-1	2075	2025	2384	2161	8.98	cps
Arsenic	75-2	11	52	35	33	62.61	cps
Barium	135-1	2167	2184	2367	2239	4.96	cps
Barium	137-1	3942	3784	4067	3931	3.61	cps
Beryllium	9-1	450	433	406	430	5.23	cps
Bismuth	209-1	5948607	5982858	5972800	5968088	0.29	cps
Bismuth	209-2	1768057	1807240	1788575	1787957	1.10	cps
Boron	11-1	2375	2300	2325	2334	1.64	cps
Boron	10-1	400	600	483	494	20.32	cps
Cadmium	106-1	1634	1959	1834	1809	9.07	cps
Cadmium	108-1	42	67	33	47	36.74	cps
Cadmium	111-1	1648	1795	1685	1709	4.49	cps
Calcium	43-1	1892	2084	2050	2009	5.10	cps
Calcium	44-1	39799	38078	37844	38574	2.77	cps
Chromium	52-2	920	897	1010	942	6.35	cps
Cobalt	59-2	530	487	490	502	4.80	cps
Copper	63-2	1123	1100	1010	1078	5.55	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	67	42	42	50	28.87	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	9559031	9510806	9536199	9535345	0.25	cps
Holmium	165-2	2160357	2214790	2202402	2192516	1.30	cps
Indium	115-1	8099872	8145110	8127769	8124250	0.28	cps
Indium	115-2	354235	365090	361554	360293	1.54	cps
Iron	56-2	9014	9003	8931	8983	0.50	cps
Iron	57-2	278	206	256	246	15.02	cps
Lead	206-1	1650	1639	1739	1676	3.27	cps
Lead	207-1	1445	1450	1639	1511	7.33	cps
Lead	208-1	6790	7018	7140	6982	2.54	cps
Lithium	6-1	1113534	1118219	1135616	1122456	1.04	cps
Magnesium	24-2	1017	1117	1017	1050	5.50	cps
Manganese	55-2	200	137	163	167	19.08	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P8
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:33:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1500	1425	1750	1558	10.92	cps
Molybdenum	94-1	1784	1742	1842	1789	2.81	cps
Molybdenum	95-1	1017	967	883	956	7.05	cps
Molybdenum	96-1	1308	1292	1175	1258	5.77	cps
Molybdenum	97-1	625	642	675	647	3.93	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	903	897	957	919	3.58	cps
Phosphorus	31-2	0	8	33	14	124.91	cps
Potassium	39-2	3117	3434	2984	3178	7.27	cps
Rhodium	103-1	7629073	7621106	7563150	7604443	0.47	cps
Rhodium	103-2	2038312	2090833	2079459	2069534	1.34	cps
Scandium	45-1	4916178	4870968	4912189	4899778	0.51	cps
Scandium	45-2	40124	41077	40505	40569	1.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	39	-40	41	13	349.03	cps
Silicon	28-1	432405	441272	429183	434287	1.44	cps
Silver	109-1	2159	2342	2000	2167	7.89	cps
Silver	107-1	2234	1959	2192	2128	6.97	cps
Sodium	23-2	9278	9162	8962	9134	1.75	cps
Strontium	86-1	1717	1475	1433	1542	9.92	cps
Strontium	88-1	5343	5093	4910	5115	4.25	cps
Sulfur	34-1	414163	414990	414021	414391	0.13	cps
Terbium	159-1	9837731	10013831	9943690	9931751	0.89	cps
Terbium	159-2	2075525	2120267	2125502	2107098	1.30	cps
Thallium	203-1	1675	1700	1609	1661	2.85	cps
Thallium	205-1	3909	3967	3976	3951	0.92	cps
Tin	118-1	2267	2200	2450	2306	5.62	cps
Titanium	47-1	500	350	450	433	17.63	cps
Uranium	238-1	4309	4293	4634	4412	4.37	cps
Vanadium	51-2	167	147	180	164	10.20	cps
Yttrium	89-1	8537244	8589242	8584124	8570203	0.33	cps
Yttrium	89-2	265031	268584	268581	267399	0.77	cps
Zinc	66-2	137	127	100	121	15.65	cps
Zirconium	90-1	3626	3392	3692	3570	4.41	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-6	Instrumnet Name :	P8
Client Sample ID :	Water MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:33:12	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	633	708	933	758	20.59	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P8
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:36:22	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	42	61	34.32	cps
Antimony	121-1	2292	2167	2284	2248	3.11	cps
Arsenic	75-2	33	28	39	33	16.67	cps
Barium	135-1	2309	2300	2417	2342	2.78	cps
Barium	137-1	4126	4343	3817	4095	6.45	cps
Beryllium	9-1	422	456	456	444	4.33	cps
Bismuth	209-1	5738272	5855542	5978294	5857369	2.05	cps
Bismuth	209-2	1853661	1789767	1792769	1812066	1.99	cps
Boron	11-1	2450	2284	2475	2403	4.34	cps
Boron	10-1	575	483	592	550	10.61	cps
Cadmium	106-1	1617	1775	1584	1659	6.17	cps
Cadmium	108-1	29	38	17	28	37.74	cps
Cadmium	111-1	1607	1700	1634	1647	2.89	cps
Calcium	43-1	2084	2200	2175	2153	2.85	cps
Calcium	44-1	39599	39156	39523	39426	0.60	cps
Chromium	52-2	857	887	910	884	3.02	cps
Cobalt	59-2	600	447	487	511	15.56	cps
Copper	63-2	1133	1033	1017	1061	5.95	cps
Dysprosium	156-1	42	0	25	22	94.38	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	92	67	92	83	17.32	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	9237477	9452366	9426173	9372005	1.25	cps
Holmium	165-2	2213172	2217283	2212056	2214171	0.12	cps
Indium	115-1	7804851	8071230	8035401	7970494	1.81	cps
Indium	115-2	367949	368774	364886	367203	0.56	cps
Iron	56-2	9492	9520	9242	9418	1.63	cps
Iron	57-2	200	211	317	243	26.54	cps
Lead	206-1	1789	1667	1967	1808	8.35	cps
Lead	207-1	1645	1483	1711	1613	7.26	cps
Lead	208-1	7195	6968	7290	7151	2.32	cps
Lithium	6-1	1111258	1130849	1103022	1115043	1.28	cps
Magnesium	24-2	1067	1208	1142	1139	6.22	cps
Manganese	55-2	197	177	187	187	5.36	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P8
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:36:22	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1684	1684	1325	1564	13.23	cps
Molybdenum	94-1	1934	1792	1900	1875	3.95	cps
Molybdenum	95-1	1033	833	1183	1017	17.27	cps
Molybdenum	96-1	1200	1250	1142	1197	4.53	cps
Molybdenum	97-1	542	583	758	628	18.31	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	933	790	887	870	8.40	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3267	3626	3067	3320	8.52	cps
Rhodium	103-1	7423885	7602791	7578483	7535053	1.29	cps
Rhodium	103-2	2143061	2112552	2109752	2121788	0.87	cps
Scandium	45-1	4709777	4853168	4829629	4797525	1.60	cps
Scandium	45-2	40599	41067	41291	40985	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	9	7	31.45	cps
Selenium	82-1	13	-41	41	5	919.54	cps
Silicon	28-1	435738	428500	423874	429371	1.39	cps
Silver	109-1	2175	2367	1967	2170	9.22	cps
Silver	107-1	2350	2467	2442	2420	2.54	cps
Sodium	23-2	8895	8661	8536	8698	2.09	cps
Strontium	86-1	1575	1492	1517	1528	2.80	cps
Strontium	88-1	5159	5260	4868	5096	4.00	cps
Sulfur	34-1	412666	414122	412274	413021	0.24	cps
Terbium	159-1	9653322	9890804	9859569	9801232	1.32	cps
Terbium	159-2	2168305	2129094	2132235	2143211	1.02	cps
Thallium	203-1	1517	1717	1842	1692	9.69	cps
Thallium	205-1	3592	4034	4176	3934	7.74	cps
Tin	118-1	2309	2284	2367	2320	1.84	cps
Titanium	47-1	542	367	417	442	20.41	cps
Uranium	238-1	4726	4710	4776	4737	0.73	cps
Vanadium	51-2	210	157	180	182	14.67	cps
Yttrium	89-1	8279329	8546388	8504301	8443339	1.70	cps
Yttrium	89-2	272757	272512	270025	271765	0.56	cps
Zinc	66-2	83	137	83	101	30.45	cps
Zirconium	90-1	3951	3501	3767	3740	6.05	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	Water MDL-7	Instrumnet Name :	P8
Client Sample ID :	Water MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:36:22	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	850	858	833	847	1.50	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:39:34	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	92	67	114	53.94	cps
Antimony	121-1	1333	1642	1458	1478	10.49	cps
Arsenic	75-2	28	28	13	23	37.46	cps
Barium	135-1	195881	200585	199338	198601	1.23	cps
Barium	137-1	341881	340377	346428	342895	0.92	cps
Beryllium	9-1	94	133	133	120	18.65	cps
Bismuth	209-1	6335228	6430354	6333154	6366245	0.87	cps
Bismuth	209-2	1909929	1903142	1901963	1905012	0.23	cps
Boron	11-1	74871	75064	76898	75611	1.48	cps
Boron	10-1	15617	15859	15926	15801	1.03	cps
Cadmium	106-1	1834	2125	1875	1945	8.11	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Cadmium	111-1	1308	1533	1325	1389	9.03	cps
Calcium	43-1	2528966	2608138	2603617	2580240	1.72	cps
Calcium	44-1	41107049	41901142	41764308	41590833	1.02	cps
Chromium	52-2	670	633	633	646	3.28	cps
Cobalt	59-2	2037	1970	1974	1994	1.88	cps
Copper	63-2	3107	3601	3157	3288	8.26	cps
Dysprosium	156-1	67	100	25	64	58.82	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	50	67	83	67	25.00	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	92	67	67	75	19.24	cps
Gadolinium	160-2	27	13	27	22	34.66	cps
Holmium	165-1	10418944	10552403	10464999	10478782	0.65	cps
Holmium	165-2	2419134	2408444	2377336	2401638	0.90	cps
Indium	115-1	8797104	8789359	8759286	8781916	0.23	cps
Indium	115-2	388390	388434	387326	388050	0.16	cps
Iron	56-2	1511832	1517285	1493219	1507445	0.84	cps
Iron	57-2	37323	37301	36571	37065	1.15	cps
Lead	206-1	2206	2061	2156	2141	3.43	cps
Lead	207-1	1795	1806	1756	1785	1.47	cps
Lead	208-1	8424	8229	8196	8283	1.49	cps
Lithium	6-1	1199505	1151693	1145417	1165538	2.54	cps
Magnesium	24-2	788028	796306	788224	790853	0.60	cps
Manganese	55-2	763148	761336	750978	758487	0.87	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:39:34	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	4193	4801	4676	4557	7.05	cps
Molybdenum	94-1	2134	2275	2375	2261	5.37	cps
Molybdenum	95-1	2809	2875	2875	2853	1.35	cps
Molybdenum	96-1	2917	3309	3092	3106	6.32	cps
Molybdenum	97-1	1592	1809	1659	1686	6.58	cps
Neodymium	150-1	7	53	33	31	75.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3067	3247	3257	3190	3.35	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	46712	45884	45191	45929	1.66	cps
Rhodium	103-1	8095857	8108801	8047916	8084191	0.40	cps
Rhodium	103-2	2242486	2215729	2205628	2221281	0.86	cps
Scandium	45-1	5304874	5412324	5277756	5331651	1.33	cps
Scandium	45-2	43360	44654	43688	43901	1.53	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	27	-61	38	1	3890.60	cps
Silicon	28-1	23249998	23128985	23400714	23259899	0.59	cps
Silver	109-1	2009	2267	2400	2225	8.95	cps
Silver	107-1	2167	2434	2342	2314	5.86	cps
Sodium	23-2	2162613	2151698	2177163	2163825	0.59	cps
Strontium	86-1	872396	871977	877073	873815	0.32	cps
Strontium	88-1	7506217	7563699	7595538	7555152	0.60	cps
Sulfur	34-1	1221906	1244059	1231525	1232497	0.90	cps
Terbium	159-1	10782822	10886627	10676731	10782060	0.97	cps
Terbium	159-2	2301694	2314254	2331962	2315970	0.66	cps
Thallium	203-1	450	408	375	411	9.14	cps
Thallium	205-1	892	892	967	917	4.72	cps
Tin	118-1	1367	1242	1225	1278	6.06	cps
Titanium	47-1	433	533	483	483	10.35	cps
Uranium	238-1	25744	26529	26304	26192	1.54	cps
Vanadium	51-2	280	167	173	207	30.77	cps
Yttrium	89-1	9432889	9339532	9259178	9343866	0.93	cps
Yttrium	89-2	289538	290091	288750	289460	0.23	cps
Zinc	66-2	1457	1513	1443	1471	2.53	cps
Zirconium	90-1	2034	2009	2150	2064	3.66	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01	Instrumnet Name :	P8
Client Sample ID :	MC0AA1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:39:34	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	467	433	358	419	13.23	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:42:41	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	83	67	83	20.00	cps
Antimony	121-1	1250	1175	1250	1225	3.53	cps
Arsenic	75-2	19	37	31	29	32.75	cps
Barium	135-1	200818	199702	200404	200308	0.28	cps
Barium	137-1	348541	349015	347344	348300	0.25	cps
Beryllium	9-1	144	133	122	133	8.33	cps
Bismuth	209-1	6446515	6504220	6044580	6331772	3.95	cps
Bismuth	209-2	1872677	1911793	1885873	1890114	1.05	cps
Boron	11-1	75843	78054	78381	77426	1.78	cps
Boron	10-1	16085	16627	16402	16371	1.66	cps
Cadmium	106-1	1859	1859	1942	1886	2.55	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Cadmium	111-1	1342	1343	1420	1368	3.24	cps
Calcium	43-1	2560067	2594362	2594531	2582987	0.77	cps
Calcium	44-1	41323112	41284832	41815288	41474411	0.71	cps
Chromium	52-2	603	660	660	641	5.10	cps
Cobalt	59-2	2084	2114	2064	2087	1.21	cps
Copper	63-2	3037	3007	3110	3052	1.74	cps
Dysprosium	156-1	42	42	8	31	62.99	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	92	67	125	94	30.99	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	108	125	67	100	30.05	cps
Gadolinium	160-2	30	17	27	24	28.38	cps
Holmium	165-1	10487854	10637683	10020255	10381931	3.10	cps
Holmium	165-2	2345549	2354682	2354279	2351503	0.22	cps
Indium	115-1	8891756	8819577	8304327	8671887	3.69	cps
Indium	115-2	383578	381063	384008	382883	0.42	cps
Iron	56-2	1502456	1498345	1488562	1496454	0.48	cps
Iron	57-2	36766	36916	36805	36829	0.21	cps
Lead	206-1	2084	1761	2072	1972	9.27	cps
Lead	207-1	1561	1533	1606	1567	2.33	cps
Lead	208-1	7601	7223	7423	7416	2.55	cps
Lithium	6-1	1146831	1146317	1038390	1110513	5.62	cps
Magnesium	24-2	787811	780738	783899	784149	0.45	cps
Manganese	55-2	750752	746358	748566	748559	0.29	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:42:41	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	4459	4251	4493	4401	2.98	cps
Molybdenum	94-1	2400	2300	2259	2320	3.14	cps
Molybdenum	95-1	2992	2967	2834	2931	2.91	cps
Molybdenum	96-1	2809	3459	3342	3203	10.82	cps
Molybdenum	97-1	1809	1850	1784	1814	1.86	cps
Neodymium	150-1	53	67	67	62	12.37	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3194	3094	3280	3189	2.93	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	45650	45700	45081	45477	0.76	cps
Rhodium	103-1	8078042	8125952	7615454	7939816	3.55	cps
Rhodium	103-2	2203516	2182749	2160988	2182418	0.97	cps
Scandium	45-1	5357455	5317806	5072167	5249143	2.94	cps
Scandium	45-2	43240	42755	43363	43119	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	2	4	86.68	cps
Selenium	82-1	-46	-17	67	1	4605.34	cps
Silicon	28-1	23201694	23037705	23267054	23168818	0.51	cps
Silver	109-1	2417	2375	2159	2317	5.99	cps
Silver	107-1	2534	2284	2384	2400	5.24	cps
Sodium	23-2	2171098	2130326	2140990	2147472	0.98	cps
Strontium	86-1	878967	880744	878295	879336	0.14	cps
Strontium	88-1	7583224	7542327	7593522	7573024	0.36	cps
Sulfur	34-1	1211637	1217222	1224437	1217765	0.53	cps
Terbium	159-1	11117437	11070739	10258984	10815720	4.46	cps
Terbium	159-2	2296114	2258685	2279035	2277945	0.82	cps
Thallium	203-1	150	208	250	203	24.77	cps
Thallium	205-1	442	558	375	458	20.25	cps
Tin	118-1	1300	1133	1158	1197	7.51	cps
Titanium	47-1	533	517	642	564	12.04	cps
Uranium	238-1	26011	26304	26847	26387	1.61	cps
Vanadium	51-2	193	230	187	203	11.48	cps
Yttrium	89-1	9338009	9330102	8801749	9156620	3.36	cps
Yttrium	89-2	285687	284952	283527	284722	0.39	cps
Zinc	66-2	1390	1320	1317	1342	3.09	cps
Zirconium	90-1	1909	1825	1950	1895	3.36	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-02	Instrumnet Name :	P8
Client Sample ID :	MC0AA1D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:42:41	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	458	375	403	11.95	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-20 13:45:50	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	42	31	41.66	cps
Antimony	121-1	242	300	408	317	26.71	cps
Arsenic	75-2	13	4	11	9	52.94	cps
Barium	135-1	37053	37913	37362	37443	1.16	cps
Barium	137-1	64760	64659	64759	64726	0.09	cps
Beryllium	9-1	128	178	94	133	31.46	cps
Bismuth	209-1	6083419	6255367	6155628	6164805	1.40	cps
Bismuth	209-2	1867398	1849312	1822529	1846413	1.22	cps
Boron	11-1	18846	18496	18604	18649	0.96	cps
Boron	10-1	3976	4126	3809	3970	3.99	cps
Cadmium	106-1	1675	1717	1775	1722	2.92	cps
Cadmium	108-1	25	8	4	13	88.19	cps
Cadmium	111-1	1163	1221	1281	1222	4.83	cps
Calcium	43-1	472414	472377	468698	471163	0.45	cps
Calcium	44-1	7709668	7683747	7781865	7725093	0.66	cps
Chromium	52-2	740	710	733	728	2.16	cps
Cobalt	59-2	443	387	453	428	8.40	cps
Copper	63-2	973	1020	970	988	2.83	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	17	33	36	58.08	cps
Erbium	164-2	3	7	20	10	88.20	cps
Gadolinium	160-1	83	75	83	81	5.98	cps
Gadolinium	160-2	20	10	13	14	35.26	cps
Holmium	165-1	9812120	10040785	9913578	9922161	1.15	cps
Holmium	165-2	2307244	2247246	2236940	2263810	1.68	cps
Indium	115-1	8312634	8442558	8309488	8354893	0.91	cps
Indium	115-2	370558	370234	364956	368583	0.85	cps
Iron	56-2	275126	274043	274729	274633	0.20	cps
Iron	57-2	7230	6668	6869	6922	4.11	cps
Lead	206-1	817	733	817	789	6.10	cps
Lead	207-1	667	644	622	644	3.45	cps
Lead	208-1	3122	2945	3145	3071	3.57	cps
Lithium	6-1	1078581	1096494	1115507	1096861	1.68	cps
Magnesium	24-2	148577	147171	148223	147990	0.49	cps
Manganese	55-2	141286	140669	138852	140269	0.90	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-20 13:45:50	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	783	917	842	847	7.89	cps
Molybdenum	94-1	608	700	625	644	7.58	cps
Molybdenum	95-1	717	700	583	667	10.90	cps
Molybdenum	96-1	650	600	917	722	23.57	cps
Molybdenum	97-1	392	383	408	394	3.23	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	827	823	830	827	0.40	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	10746	10521	10571	10613	1.11	cps
Rhodium	103-1	7655522	7831519	7779037	7755359	1.17	cps
Rhodium	103-2	2168739	2134518	2085259	2129505	1.97	cps
Scandium	45-1	4884225	4986045	4979776	4950015	1.15	cps
Scandium	45-2	41779	41709	41321	41603	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-4	-7	31	6	328.97	cps
Silicon	28-1	4618009	4573385	4635035	4608810	0.69	cps
Silver	109-1	700	783	717	733	6.01	cps
Silver	107-1	892	933	850	892	4.67	cps
Sodium	23-2	399790	392637	393067	395164	1.02	cps
Strontium	86-1	161301	163562	164488	163117	1.01	cps
Strontium	88-1	1422507	1391040	1397360	1403636	1.19	cps
Sulfur	34-1	597415	595037	596145	596199	0.20	cps
Terbium	159-1	10233267	10537087	10447514	10405956	1.50	cps
Terbium	159-2	2205841	2204147	2154438	2188142	1.33	cps
Thallium	203-1	67	92	92	83	17.32	cps
Thallium	205-1	300	183	275	253	24.30	cps
Tin	118-1	717	1605	683	1002	52.18	cps
Titanium	47-1	300	308	275	294	5.89	cps
Uranium	238-1	4918	4918	5018	4951	1.17	cps
Vanadium	51-2	70	80	43	64	29.41	cps
Yttrium	89-1	8647702	8867468	8815647	8776939	1.31	cps
Yttrium	89-2	278270	276250	269530	274683	1.67	cps
Zinc	66-2	323	293	327	314	5.84	cps
Zirconium	90-1	867	950	750	856	11.74	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-01LX5	Instrumnet Name :	P8
Client Sample ID :	MC0AA1L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-20 13:45:50	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	175	175	189	12.74	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:48:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13666	14408	14399	14158	3.01	cps
Antimony	121-1	1070400	1061265	1062832	1064833	0.46	cps
Arsenic	75-2	4921	4951	5016	4963	0.97	cps
Barium	135-1	4721218	4738772	4632956	4697648	1.21	cps
Barium	137-1	8020568	8003698	7990445	8004904	0.19	cps
Beryllium	9-1	68362	69841	67916	68707	1.47	cps
Bismuth	209-1	6538043	6749057	6129302	6472134	4.87	cps
Bismuth	209-2	1854761	1845408	1870632	1856934	0.69	cps
Boron	11-1	73564	75633	74695	74631	1.39	cps
Boron	10-1	15959	16802	16076	16279	2.80	cps
Cadmium	106-1	12623	11897	12706	12409	3.59	cps
Cadmium	108-1	7377	7702	7473	7518	2.22	cps
Cadmium	111-1	116519	114843	115007	115456	0.80	cps
Calcium	43-1	2562771	2581829	2545920	2563507	0.70	cps
Calcium	44-1	41295313	41565197	41081289	41313933	0.59	cps
Chromium	52-2	205771	205150	204491	205137	0.31	cps
Cobalt	59-2	1103939	1109120	1107288	1106782	0.24	cps
Copper	63-2	477778	485138	482636	481851	0.78	cps
Dysprosium	156-1	58	33	67	53	32.88	cps
Dysprosium	156-2	7	10	17	11	45.82	cps
Erbium	164-1	75	92	42	69	36.66	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	125	83	92	100	22.05	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	10766068	11180380	9897700	10614716	6.17	cps
Holmium	165-2	2323791	2335060	2327111	2328654	0.25	cps
Indium	115-1	8876729	9161595	8281777	8773367	5.12	cps
Indium	115-2	371876	373658	373854	373129	0.29	cps
Iron	56-2	2137524	2158815	2135418	2143919	0.60	cps
Iron	57-2	52416	52215	52181	52271	0.24	cps
Lead	206-1	127006	125716	126086	126270	0.53	cps
Lead	207-1	114214	114758	114434	114469	0.24	cps
Lead	208-1	512913	512919	510084	511972	0.32	cps
Lithium	6-1	1149000	1169974	1053748	1124241	5.51	cps
Magnesium	24-2	757470	757596	757922	757663	0.03	cps
Manganese	55-2	860952	866407	864171	863843	0.32	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:48:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	4551	4443	4568	4520	1.50	cps
Molybdenum	94-1	2242	2267	2384	2298	3.29	cps
Molybdenum	95-1	3326	3034	3175	3178	4.59	cps
Molybdenum	96-1	3242	3584	2984	3270	9.21	cps
Molybdenum	97-1	1934	1875	1925	1911	1.65	cps
Neodymium	150-1	153	180	153	162	9.49	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	323240	326923	324488	324884	0.58	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	44070	43385	42858	43438	1.40	cps
Rhodium	103-1	8188967	8376526	7555483	8040325	5.35	cps
Rhodium	103-2	2138948	2156856	2172359	2156054	0.78	cps
Scandium	45-1	5373828	5563137	4990581	5309182	5.49	cps
Scandium	45-2	42217	42494	42491	42401	0.38	cps
Selenium	77-2	80	83	97	87	10.18	cps
Selenium	78-2	272	309	311	298	7.37	cps
Selenium	82-1	14979	14625	14653	14752	1.34	cps
Silicon	28-1	22871449	22776707	22582883	22743680	0.65	cps
Silver	109-1	490971	489427	490749	490383	0.17	cps
Silver	107-1	523226	516391	518412	519343	0.68	cps
Sodium	23-2	2074291	2060742	2078324	2071119	0.44	cps
Strontium	86-1	861857	871312	868688	867286	0.56	cps
Strontium	88-1	7466582	7494081	7391870	7450845	0.71	cps
Sulfur	34-1	1201275	1190010	1161321	1184202	1.74	cps
Terbium	159-1	11212538	11528898	10266853	11002763	5.97	cps
Terbium	159-2	2232517	2227160	2254312	2237996	0.64	cps
Thallium	203-1	391224	385241	386946	387804	0.79	cps
Thallium	205-1	932364	932872	923361	929533	0.58	cps
Tin	118-1	1483	1325	1717	1508	13.06	cps
Titanium	47-1	450	700	492	547	24.48	cps
Uranium	238-1	26704	26972	26262	26646	1.35	cps
Vanadium	51-2	381575	383508	383007	382696	0.26	cps
Yttrium	89-1	9365255	9666220	8661806	9231094	5.58	cps
Yttrium	89-2	278213	279325	278968	278835	0.20	cps
Zinc	66-2	83882	84398	84948	84409	0.63	cps
Zirconium	90-1	1717	1700	1650	1689	2.05	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	I5241-03	Instrumnet Name :	P8
Client Sample ID :	MC0AA1S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:48:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	492	567	475	21.27	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:52:09	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	331655	336427	330625	332902	0.93	cps
Antimony	121-1	4915870	4917874	4864057	4899267	0.62	cps
Arsenic	75-2	54546	54390	53968	54301	0.55	cps
Barium	135-1	5172308	5203931	5206333	5194191	0.37	cps
Barium	137-1	8875487	8895558	8794061	8855035	0.61	cps
Beryllium	9-1	663646	669739	671776	668387	0.63	cps
Bismuth	209-1	6318018	6332224	6399154	6349799	0.68	cps
Bismuth	209-2	1697016	1695257	1680303	1690858	0.54	cps
Boron	11-1	367464	373695	380176	373778	1.70	cps
Boron	10-1	78146	79772	82311	80076	2.62	cps
Cadmium	106-1	108685	106778	107409	107624	0.90	cps
Cadmium	108-1	70311	72439	71371	71374	1.49	cps
Cadmium	111-1	1015433	1018711	1014977	1016373	0.20	cps
Calcium	43-1	5208492	5181448	5221380	5203774	0.39	cps
Calcium	44-1	84219727	84839919	84339933	84466526	0.39	cps
Chromium	52-2	452839	456004	452299	453714	0.44	cps
Cobalt	59-2	959260	959343	952017	956873	0.44	cps
Copper	63-2	1652413	1667560	1643148	1654374	0.74	cps
Dysprosium	156-1	92	75	75	81	11.95	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	67	108	75	83	26.46	cps
Erbium	164-2	17	17	27	20	28.86	cps
Gadolinium	160-1	158	100	142	133	22.54	cps
Gadolinium	160-2	27	23	23	24	7.89	cps
Holmium	165-1	10372944	10503555	10384850	10420450	0.69	cps
Holmium	165-2	2239351	2246765	2237429	2241181	0.22	cps
Indium	115-1	8215371	8181224	8111572	8169389	0.65	cps
Indium	115-2	343794	339925	335938	339886	1.16	cps
Iron	56-2	74431829	74664677	73637277	74244594	0.73	cps
Iron	57-2	1913350	1911613	1872893	1899285	1.20	cps
Lead	206-1	2971760	2990113	2976555	2979476	0.32	cps
Lead	207-1	2719154	2735359	2729382	2727965	0.30	cps
Lead	208-1	12064415	12095501	12107742	12089219	0.18	cps
Lithium	6-1	1193458	1214048	1235875	1214460	1.75	cps
Magnesium	24-2	8060833	8060692	7989913	8037146	0.51	cps
Manganese	55-2	247216	248783	244107	246702	0.96	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:52:09	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3384307	3364108	3341483	3363299	0.64	cps
Molybdenum	94-1	3847452	3845691	3904705	3865949	0.87	cps
Molybdenum	95-1	2130175	2124390	2114386	2122984	0.38	cps
Molybdenum	96-1	2699278	2707349	2695212	2700613	0.23	cps
Molybdenum	97-1	1272376	1269474	1274767	1272205	0.21	cps
Neodymium	150-1	120	167	267	184	40.62	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	276137	281083	275504	277575	1.10	cps
Phosphorus	31-2	4743	4693	4751	4729	0.67	cps
Potassium	39-2	2269241	2278730	2265385	2271118	0.30	cps
Rhodium	103-1	7475806	7439582	7431043	7448810	0.32	cps
Rhodium	103-2	2003333	1992065	1955721	1983707	1.25	cps
Scandium	45-1	4999207	4955596	4995441	4983415	0.48	cps
Scandium	45-2	39870	40004	39312	39728	0.92	cps
Selenium	77-2	373	323	353	350	7.19	cps
Selenium	78-2	1252	1326	1209	1262	4.68	cps
Selenium	82-1	63821	64660	64213	64231	0.65	cps
Silicon	28-1	2279156	2282940	2263034	2275043	0.46	cps
Silver	109-1	4788565	4805080	4858142	4817262	0.75	cps
Silver	107-1	5112211	5072885	5023908	5069668	0.87	cps
Sodium	23-2	19089863	19201823	19050821	19114169	0.41	cps
Strontium	86-1	1334935	1335232	1335130	1335099	0.01	cps
Strontium	88-1	11640290	11548715	11549410	11579472	0.45	cps
Sulfur	34-1	739469	740260	743655	741128	0.30	cps
Terbium	159-1	10776744	10923764	10777800	10826103	0.78	cps
Terbium	159-2	2153255	2180233	2139532	2157673	0.96	cps
Thallium	203-1	3667790	3687197	3676935	3677308	0.26	cps
Thallium	205-1	8561891	8577314	8538128	8559111	0.23	cps
Tin	118-1	3360950	3357539	3346603	3355031	0.22	cps
Titanium	47-1	562763	558673	565844	562427	0.64	cps
Uranium	238-1	11794421	11997780	12042513	11944905	1.11	cps
Vanadium	51-2	338166	339353	338929	338816	0.18	cps
Yttrium	89-1	8907915	8796671	8868500	8857695	0.64	cps
Yttrium	89-2	263576	263946	256934	261485	1.51	cps
Zinc	66-2	141675	144042	141480	142399	1.00	cps
Zirconium	90-1	7322338	7303545	7304487	7310123	0.14	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:52:09	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1629717	1646979	1622301	1632999	0.78	cps

LB Number : LB90196 Operator : Jaswal
 Lab Sample ID : CCB041 Instrumnet Name : P8
 Client Sample ID : CCB041 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-20 13:55:11 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	17	25	57.73	cps
Antimony	121-1	2259	2034	2109	2134	5.37	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	75	33	8	39	86.61	cps
Barium	137-1	83	42	42	56	43.30	cps
Beryllium	9-1	361	244	300	302	19.33	cps
Bismuth	209-1	6235119	6422620	6200105	6285948	1.90	cps
Bismuth	209-2	1841821	1815870	1700207	1785966	4.22	cps
Boron	11-1	10763	10187	9662	10204	5.40	cps
Boron	10-1	2292	2109	2200	2200	4.17	cps
Cadmium	106-1	1859	1642	1759	1753	6.19	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Cadmium	111-1	1349	1229	1288	1289	4.66	cps
Calcium	43-1	1550	1500	1567	1539	2.25	cps
Calcium	44-1	31712	32489	32706	32302	1.62	cps
Chromium	52-2	723	623	663	670	7.51	cps
Cobalt	59-2	33	30	53	39	32.45	cps
Copper	63-2	413	377	353	381	7.94	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	83	67	58	69	18.33	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	9691534	10172364	9782744	9882214	2.58	cps
Holmium	165-2	2251958	2177646	2080992	2170199	3.95	cps
Indium	115-1	7946814	8363955	8063936	8124902	2.65	cps
Indium	115-2	356148	343272	336866	345428	2.84	cps
Iron	56-2	2806	2495	2506	2602	6.78	cps
Iron	57-2	50	56	83	63	28.37	cps
Lead	206-1	689	706	678	691	2.02	cps
Lead	207-1	639	672	722	678	6.19	cps
Lead	208-1	3017	2828	2872	2906	3.40	cps
Lithium	6-1	1173308	1197302	1174790	1181800	1.14	cps
Magnesium	24-2	217	175	200	197	10.63	cps
Manganese	55-2	60	97	57	71	31.21	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:55:11	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1008	783	1000	931	13.71	cps
Molybdenum	94-1	683	750	650	695	7.33	cps
Molybdenum	95-1	525	633	550	569	9.96	cps
Molybdenum	96-1	833	758	817	803	4.91	cps
Molybdenum	97-1	575	417	500	497	15.93	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	643	657	617	639	3.19	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2892	2934	2834	2887	1.74	cps
Rhodium	103-1	7422244	7786143	7522095	7576827	2.48	cps
Rhodium	103-2	2071208	2038925	1980162	2030098	2.27	cps
Scandium	45-1	4745591	4920551	4753902	4806681	2.05	cps
Scandium	45-2	40151	38774	38102	39009	2.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	32	-90	-43	-34	-183.26	cps
Silicon	28-1	414601	413243	410874	412906	0.46	cps
Silver	109-1	600	492	658	583	14.50	cps
Silver	107-1	600	567	658	608	7.63	cps
Sodium	23-2	9829	9245	9612	9562	3.09	cps
Strontium	86-1	817	1000	875	897	10.44	cps
Strontium	88-1	267	292	192	250	20.82	cps
Sulfur	34-1	384842	391962	387075	387960	0.94	cps
Terbium	159-1	10118020	10473375	10087676	10226357	2.10	cps
Terbium	159-2	2128074	2106744	2048347	2094388	1.97	cps
Thallium	203-1	492	533	408	478	13.32	cps
Thallium	205-1	1450	1333	1200	1328	9.42	cps
Tin	118-1	1859	1759	1675	1764	5.21	cps
Titanium	47-1	150	167	183	167	10.00	cps
Uranium	238-1	208	183	167	186	11.27	cps
Vanadium	51-2	13	20	7	13	49.99	cps
Yttrium	89-1	8310484	8672581	8317006	8433357	2.46	cps
Yttrium	89-2	262838	258705	249823	257122	2.59	cps
Zinc	66-2	53	40	43	46	15.23	cps
Zirconium	90-1	1008	983	1292	1095	15.65	cps

LB Number :	LB90196	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2017-09-20 13:55:11	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	250	208	247	15.20	cps