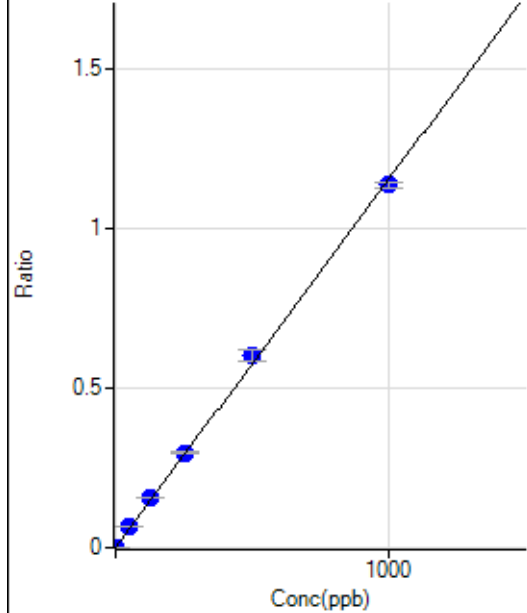


Batch Folder: D:\P8012318 MS .b\
Analysis File: P8012318 MS .batch.bin
DA Date-Time: 2018-01-24 11:20:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8012318 MS.D	S00	2018-01-23 11:33:39
2			
3	005CAL5 P8012318 MS.D	S02	2018-01-23 11:40:37
4	006CAL5 P8012318 MS.D	S03	2018-01-23 11:44:09
5	007CAL5 P8012318 MS.D	S04	2018-01-23 11:47:41
6	008CAL5 P8012318 MS.D	S05	2018-01-23 11:51:06
7	009CAL5 P8012318 MS.D	S06	2018-01-23 11:54:26
8	010CAL5 P8012318 MS.D	S07	2018-01-23 11:57:42
9	011CAL5 P8012318 MS.D	S08	2018-01-23 12:00:56

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.75	0.0002	P	28.9
2	☐	0.100					
3	☐	1.000	1.004	755.60	0.0013	P	1.7
4	☐	50.000	57.571	37135.36	0.0666	P	5.2
5	☐	125.000	134.249	90650.61	0.1552	P	1.2
6	☐	250.000	258.533	175326.64	0.2986	P	0.9
7	☐	500.000	520.788	333832.95	0.6014	P	5.8
8	☐	1000.000	985.938	630032.68	1.1384	P	1.4
9	☐			540.76	0.0010	P	7.0

$$y = 0.0012 * x + 1.7010E-004$$

$$R = 0.9996$$

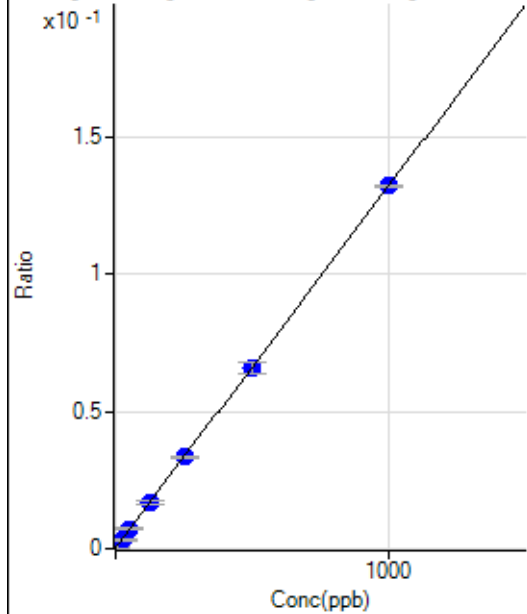
$$DL = 0.1277$$

$$BEC = 0.1473$$

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	152.79	0.0003	P	49.0
2	☐	2.500					
3	☐	25.000	22.011	1811.31	0.0032	P	9.6
4	☐	50.000	52.261	3997.96	0.0072	P	6.1
5	☐	125.000	125.714	9851.04	0.0169	P	4.7
6	☐	250.000	252.576	19717.04	0.0336	P	2.1
7	☐	500.000	497.498	36569.72	0.0659	P	5.5
8	☐	1000.000	1000.480	73159.33	0.1322	P	0.8
9	☐			4167.46	0.0077	P	8.7

$$y = 1.3183E-004 * x + 2.8558E-004$$

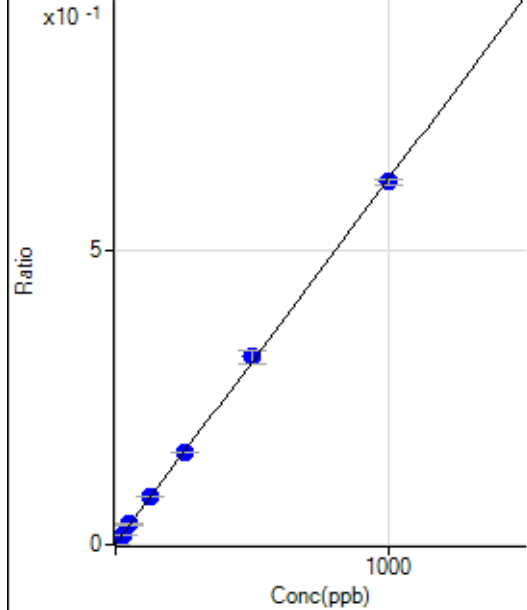
$$R = 1.0000$$

$$DL = 3.185$$

$$BEC = 2.166$$

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	647.27	0.0012	P	5.8
2	☐	2.500					
3	☐	25.000	23.328	8930.90	0.0157	P	6.2
4	☐	50.000	53.934	19355.36	0.0347	P	6.1
5	☐	125.000	130.527	48095.32	0.0823	P	2.0
6	☐	250.000	251.455	92444.91	0.1575	P	1.7
7	☐	500.000	512.259	177192.74	0.3195	P	7.8
8	☐	1000.000	992.661	342044.34	0.6180	P	1.4
9	☐			19391.63	0.0358	P	8.0

$$y = 6.2132\text{E-}004 * x + 0.0012$$

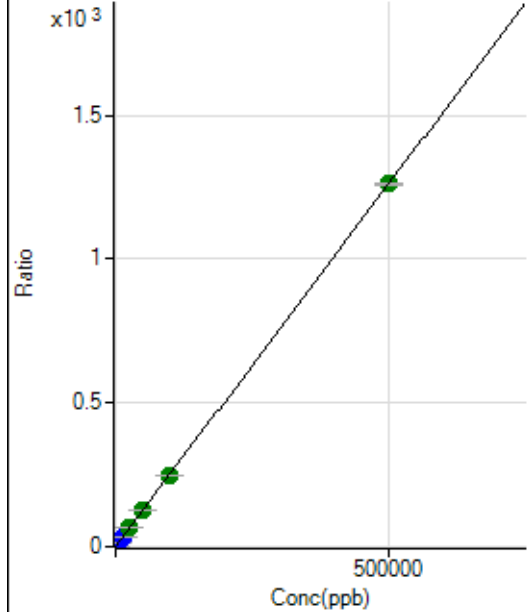
$$R = 0.9999$$

$$DL = 0.3421$$

$$BEC = 1.962$$

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	5262.30	0.2606	P	1.8
2	☐	50.000					
3	☐	500.000	451.342	27964.62	1.3981	P	2.6
4	☐	5000.000	4952.817	247708.08	12.7424	P	1.5
5	☐	12500.000	12284.919	587111.92	31.2202	P	1.0
6	☐	25000.000	25578.569	1103492.77	64.7220	A	1.1
7	☐	50000.000	49884.959	1986058.46	125.9772	A	2.0
8	☐	100000.00	98186.516	3786145.31	247.7034	A	2.3
9	☐	500000.00	500351.17	20030668.85	1,261.210	A	0.8

$$y = 0.0025 * x + 0.2606$$

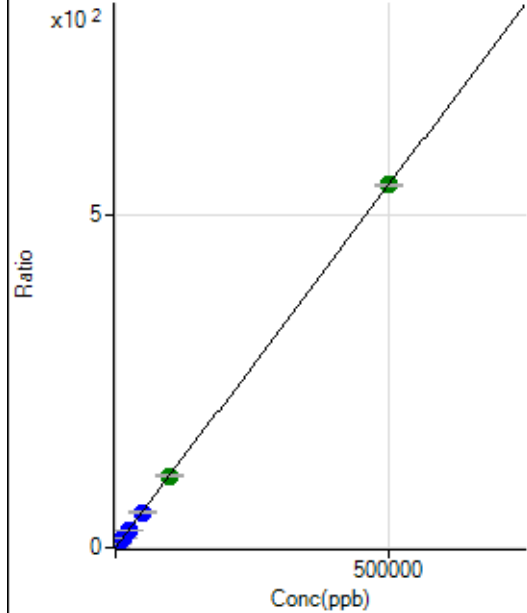
$$R = 1.0000$$

$$DL = 5.56$$

$$BEC = 103.4$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	583.37	0.0289	P	11.6
2	☐	50.000					
3	☐	500.000	433.748	10020.63	0.5010	P	3.3
4	☐	5000.000	4960.182	105509.04	5.4274	P	0.9
5	☐	12500.000	12231.909	250896.18	13.3416	P	1.5
6	☐	25000.000	25056.540	465452.63	27.2993	P	0.8
7	☐	50000.000	48820.583	838218.63	53.1631	P	1.4
8	☐	100000.00	98944.420	1646570.63	107.7156	A	1.5
9	☐	500000.00	500333.39	8648867.29	544.5695	A	0.8

$$y = 0.0011 * x + 0.0289$$

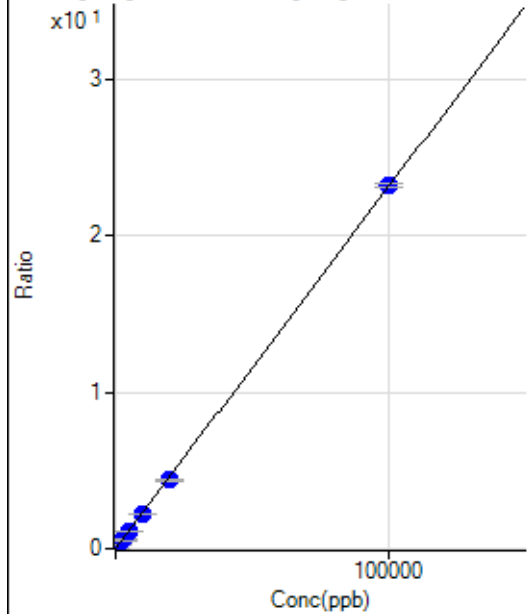
$$R = 1.0000$$

$$DL = 9.23$$

$$BEC = 26.57$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0011	P	44.9
2	☐	2.000					
3	☐	20.000	19.206	111.12	0.0055	P	8.5
4	☐	1000.000	931.601	4206.38	0.2164	P	1.8
5	☐	2500.000	2388.627	10401.48	0.5531	P	0.5
6	☐	5000.000	4824.455	19030.03	1.1160	P	0.5
7	☐	10000.000	9466.315	34509.75	2.1886	P	1.0
8	☐	20000.000	18921.684	66843.95	4.3736	P	3.4
9	☐	100000.00	100281.27	368073.97	23.1747	P	1.1

$$y = 2.3109E-004 * x + 0.0011$$

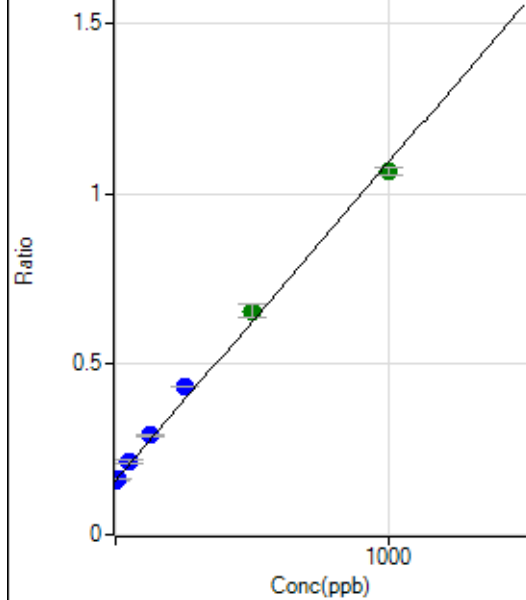
$$R = 0.9999$$

$$DL = 6.439$$

$$BEC = 4.784$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	347749.06	0.1591	P	3.2
2	☐	1.000					
3	☐	10.000	6.155	385865.00	0.1648	P	1.2
4	☐	50.000	59.881	487769.79	0.2149	P	4.9
5	☐	125.000	142.783	682499.47	0.2923	P	1.3
6	☐	250.000	296.494	985719.24	0.4357	P	0.3
7	☐	500.000	532.031	1351000.89	0.6556	A	6.1
8	☐	1000.000	969.682	2187510.47	1.0640	A	2.2
9	☐			539996.50	0.2546	P	2.4

$$y = 9.3323\text{E-}004 * x + 0.1591$$

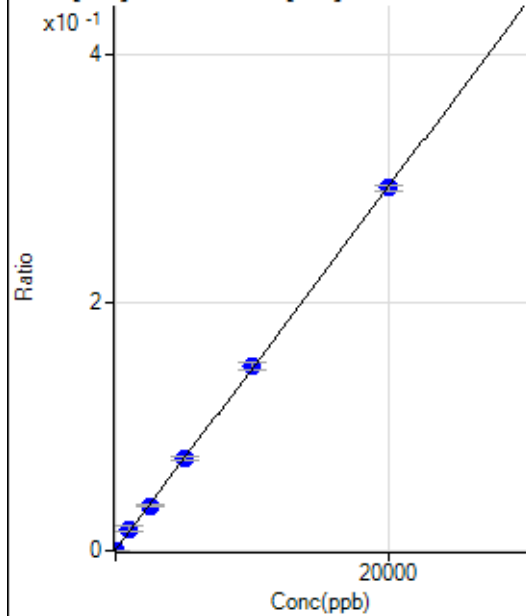
$$R = 0.9978$$

$$DL = 16.32$$

$$BEC = 170.4$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-4.739	5.55	0.0003	P	86.6
2	☐	0.000					
3	☐	0.000	4.739	8.33	0.0004	P	3.0
4	☐	1000.000	1174.256	341.69	0.0176	P	21.3
5	☐	2500.000	2453.215	683.38	0.0363	P	6.5
6	☐	5000.000	5094.344	1280.67	0.0751	P	3.9
7	☐	10000.000	10090.283	2339.18	0.1484	P	4.0
8	☐	20000.000	19928.408	4475.89	0.2928	P	1.2
9	☐			5.55	0.0003	P	86.6

$$y = 1.4674\text{E-}005 * x + 3.4699\text{E-}004$$

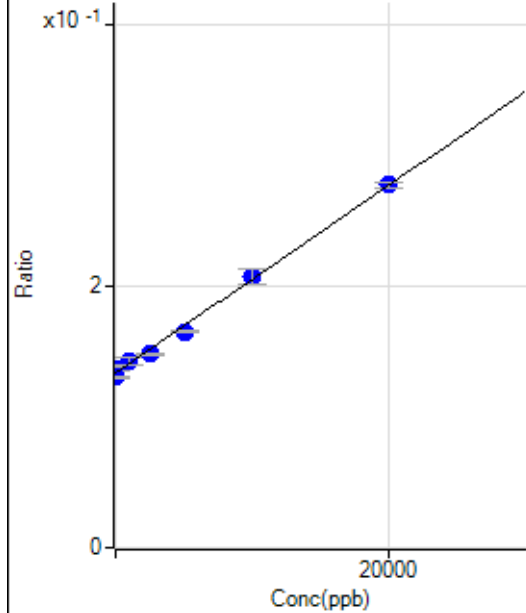
$$R = 0.9999$$

$$DL = 25.86$$

$$BEC = 23.65$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	414.796	298897.81	0.1367	P	1.9
2	☐	0.000					
3	☐	0.000	-414.796	306096.27	0.1307	P	1.2
4	☐	1000.000	1309.096	324775.01	0.1431	P	4.4
5	☐	2500.000	2011.319	345868.78	0.1481	P	0.8
6	☐	5000.000	4417.469	374106.32	0.1654	P	0.6
7	☐	10000.000	10292.880	427742.91	0.2075	P	5.5
8	☐	20000.000	20044.823	570411.35	0.2774	P	1.9
9	☐			258662.91	0.1220	P	1.8

$$y = 7.1708\text{E-}006 * x + 0.1337$$

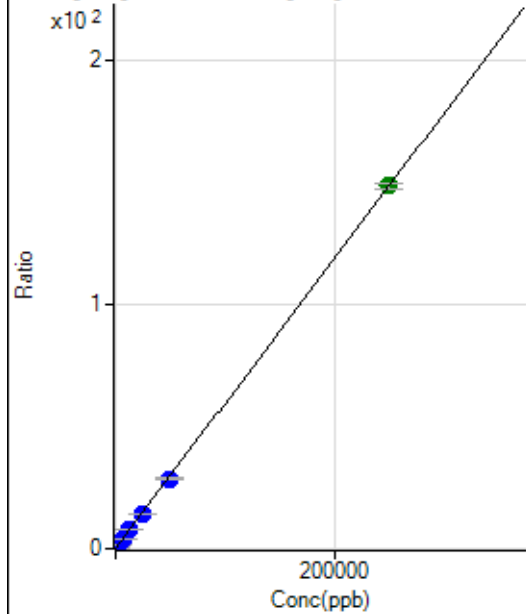
$$R = 0.9984$$

$$DL = 861.9$$

$$BEC = 1.865\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2272.51	0.1125	P	9.0
2	☐	50.000					
3	☐	500.000	485.695	7999.87	0.4002	P	6.3
4	☐	2500.000	2583.615	31931.48	1.6426	P	1.3
5	☐	6250.000	6248.932	71711.04	3.8133	P	1.1
6	☐	12500.000	12627.464	129407.15	7.5908	P	1.7
7	☐	25000.000	24161.772	227379.38	14.4217	P	1.6
8	☐	50000.000	48023.810	436485.44	28.5533	P	1.3
9	☐	250000.00	250471.90	2357552.48	148.4476	A	1.4

$$y = 5.9222\text{E-}004 * x + 0.1125$$

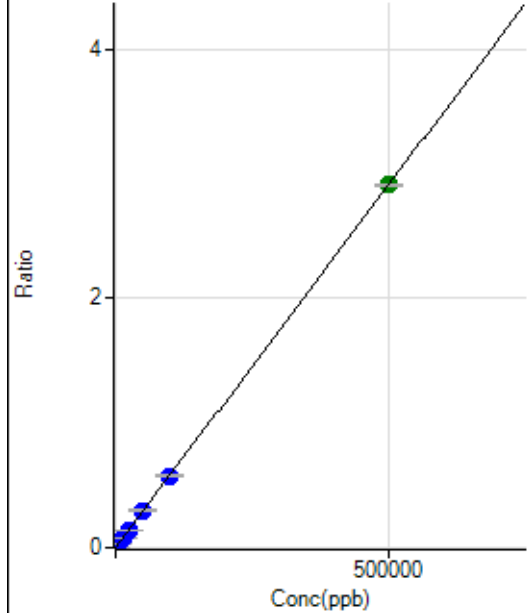
$$R = 1.0000$$

$$DL = 51.5$$

$$BEC = 190$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	683.38	0.0003	P	15.0
2	☐	50.000					
3	☐	500.000	438.367	6704.65	0.0029	P	1.6
4	☐	5000.000	5160.380	68877.98	0.0304	P	5.1
5	☐	12500.000	12246.219	167191.40	0.0716	P	1.5
6	☐	25000.000	24628.011	325027.12	0.1437	P	0.7
7	☐	50000.000	51357.695	616696.83	0.2993	P	6.5
8	☐	100000.00	98931.847	1184804.23	0.5762	P	1.6
9	☐	500000.00	500101.26	6175684.86	2.9117	A	0.4

$$y = 5.8216\text{E-}006 * x + 3.1153\text{E-}004$$

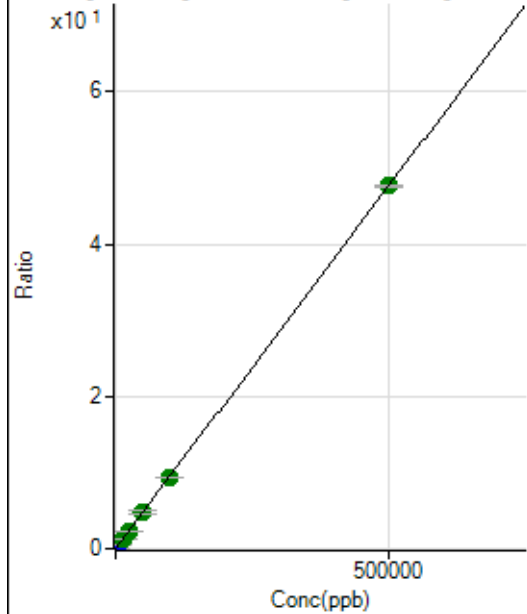
$$R = 1.0000$$

$$DL = 24.11$$

$$BEC = 53.51$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16438.08	0.0075	P	4.9
2	☐	50.000					
3	☐	500.000	435.802	114688.96	0.0490	P	1.7
4	☐	5000.000	5115.232	1121410.43	0.4942	P	5.1
5	☐	12500.000	12270.751	2743630.68	1.1750	A	0.7
6	☐	25000.000	24329.571	5253411.31	2.3223	A	0.3
7	☐	50000.000	50419.288	9900844.49	4.8045	A	6.2
8	☐	100000.00	97742.864	19135706.33	9.3069	A	1.6
9	☐	500000.00	500447.66	101002214.0	47.6208	A	0.8

$$y = 9.5141\text{E-}005 * x + 0.0075$$

$$R = 1.0000$$

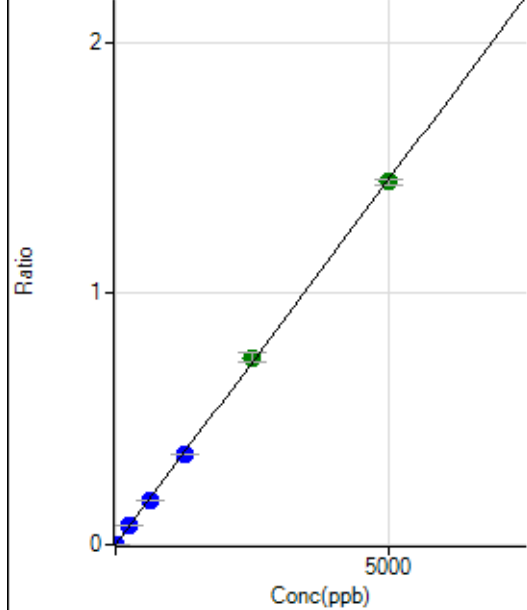
$$DL = 11.73$$

$$BEC = 79.04$$

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	108.34	0.0000	P	13.2
2	☐	0.500					
3	☐	5.000	4.147	2939.32	0.0013	P	1.3
4	☐	250.000	258.952	170944.93	0.0753	P	4.9
5	☐	625.000	615.533	417928.82	0.1790	P	0.9
6	☐	1250.000	1234.964	812208.74	0.3591	P	0.5
7	☐	2500.000	2567.981	1538529.70	0.7466	A	6.1
8	☐	5000.000	4970.505	2970945.66	1.4450	A	1.6
9	☐			558.37	0.0003	P	13.1

$$y = 2.9070E-004 * x + 4.9524E-005$$

$$R = 0.9999$$

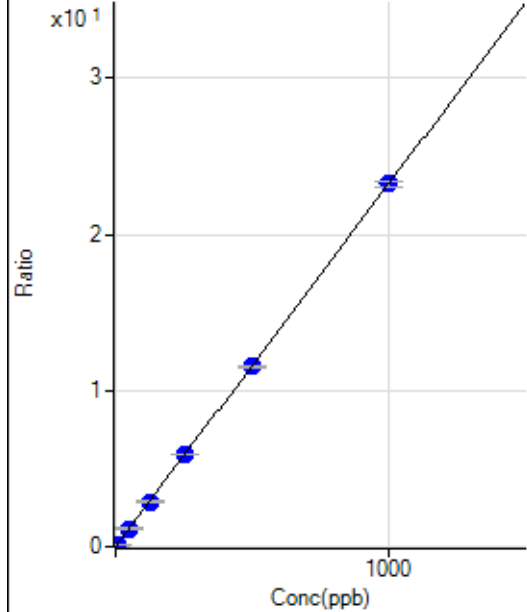
$$DL = 0.06737$$

$$BEC = 0.1704$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0006	P	29.9
2	☐	0.500					
3	☐	5.000	4.461	2085.75	0.1042	P	0.8
4	☐	50.000	50.217	22683.00	1.1668	P	1.2
5	☐	125.000	123.829	54090.71	2.8764	P	1.5
6	☐	250.000	254.180	100658.30	5.9036	P	0.7
7	☐	500.000	496.606	181839.68	11.5337	P	1.7
8	☐	1000.000	1000.790	355284.44	23.2427	P	1.7
9	☐			72.22	0.0045	P	9.8

$$y = 0.0232 * x + 6.0372E-004$$

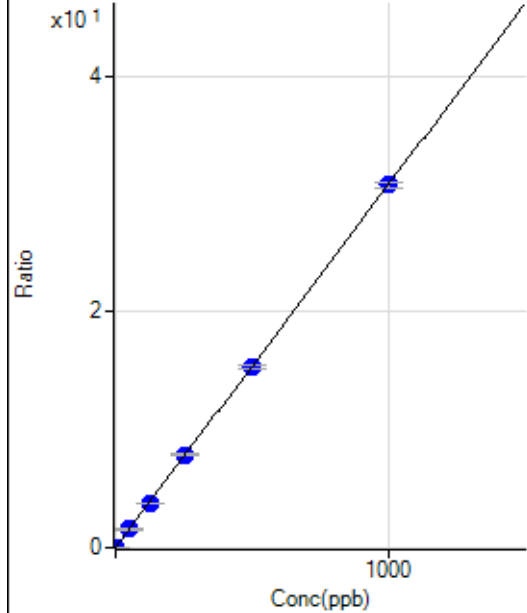
$$R = 1.0000$$

$$DL = 0.0233$$

$$BEC = 0.026$$

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	280.01	0.0139	P	10.0
2	☐	0.200					
3	☐	2.000	1.789	1376.76	0.0689	P	8.9
4	☐	50.000	50.053	30194.98	1.5533	P	1.5
5	☐	125.000	123.315	71586.35	3.8066	P	0.4
6	☐	250.000	256.122	134532.94	7.8913	P	1.6
7	☐	500.000	499.117	242229.40	15.3649	P	2.1
8	☐	1000.000	999.120	469948.54	30.7433	P	1.5
9	☐			4691.98	0.2954	P	1.5

$$y = 0.0308 * x + 0.0139$$

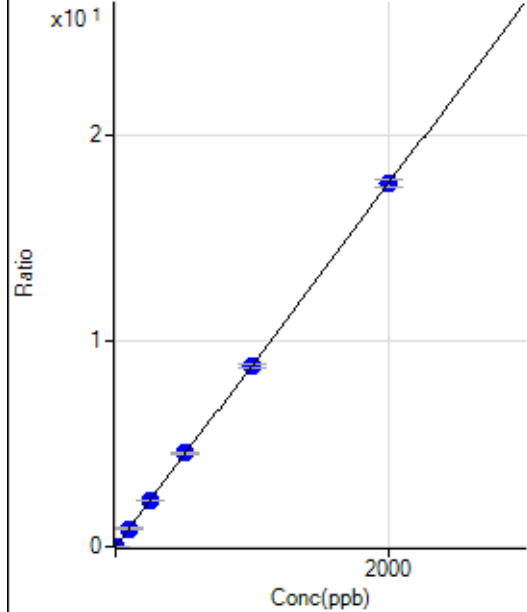
$$R = 1.0000$$

$$DL = 0.1357$$

$$BEC = 0.4505$$

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	23.33	0.0012	P	39.0
2	☐	0.100					
3	☐	1.000	0.852	173.34	0.0087	P	5.0
4	☐	100.000	100.457	17233.02	0.8866	P	3.9
5	☐	250.000	251.410	41695.54	2.2172	P	1.1
6	☐	500.000	516.186	77588.21	4.5511	P	1.8
7	☐	1000.000	994.544	138234.64	8.7676	P	1.4
8	☐	2000.000	1998.483	269276.95	17.6168	P	2.2
9	☐			700.03	0.0441	P	5.8

$$y = 0.0088 * x + 0.0012$$

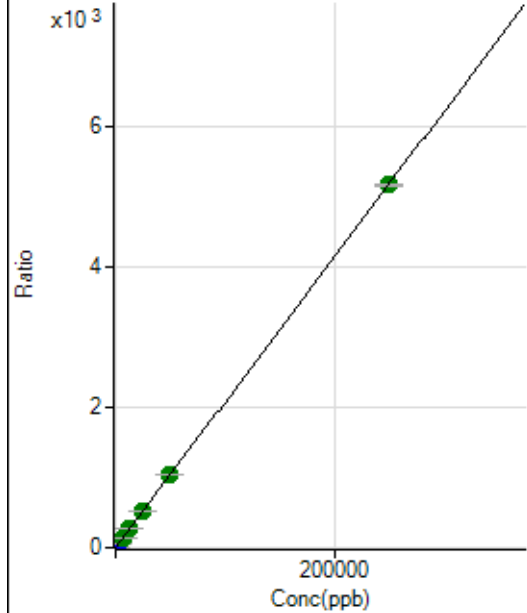
$$R = 1.0000$$

$$DL = 0.1541$$

$$BEC = 0.1317$$

Weight: <None>

Min Conc: 0

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

$$y = 0.0207 * x + 0.0771$$

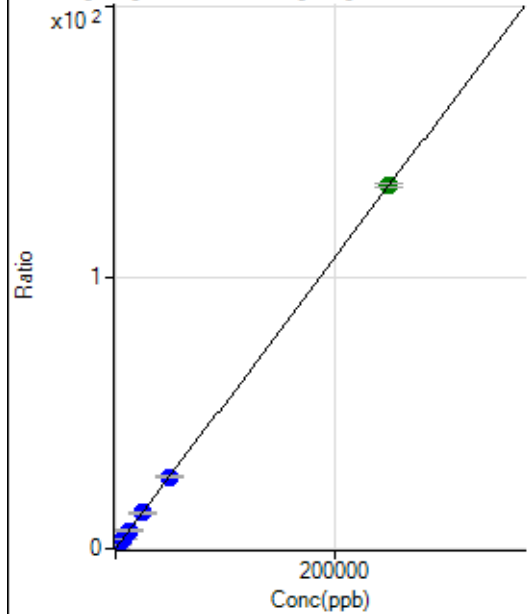
R = 1.0000

DL = 1.36

BEC = 3.721

Weight: <None>

Min Conc: 0

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

$$y = 5.3472E-004 * x + 0.0023$$

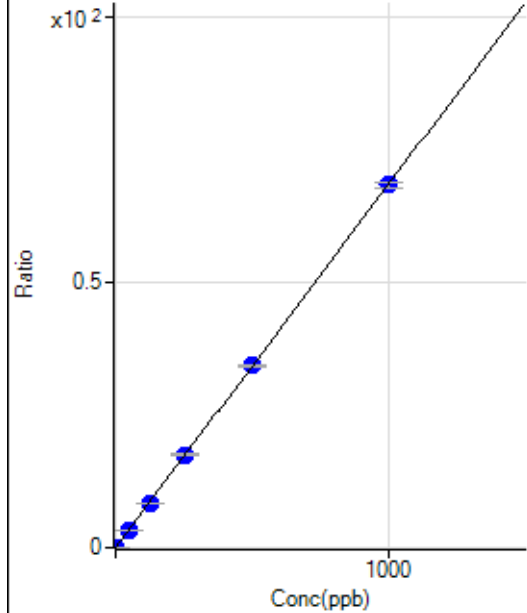
R = 1.0000

DL = 5.642

BEC = 4.31

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0039	P	16.5
2	☐	0.100					
3	☐	1.000	0.893	1300.08	0.0649	P	5.4
4	☐	50.000	49.534	65950.70	3.3926	P	1.7
5	☐	125.000	123.402	158833.02	8.4462	P	1.4
6	☐	250.000	256.052	298723.89	17.5211	P	1.0
7	☐	500.000	500.441	539843.16	34.2406	P	1.6
8	☐	1000.000	998.490	1044247.87	68.3136	P	1.6
9	☐			1184.52	0.0746	P	4.2

$$y = 0.0684 * x + 0.0039$$

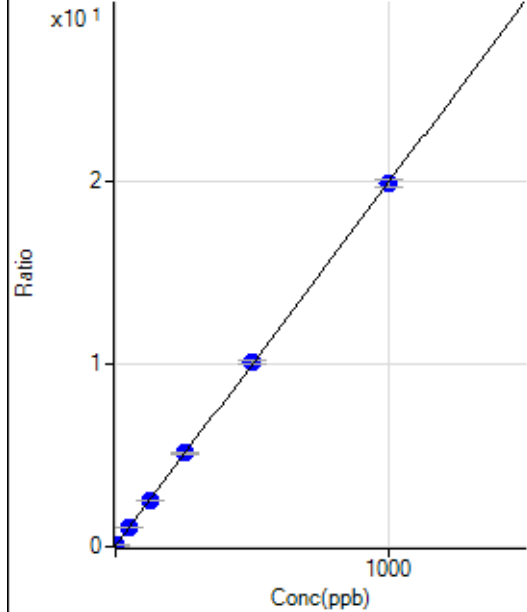
$$R = 1.0000$$

$$DL = 0.02794$$

$$BEC = 0.05633$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	902.27	0.0447	P	5.6
2	☐	0.100					
3	☐	1.000	0.737	1186.74	0.0593	P	3.0
4	☐	50.000	49.952	20173.70	1.0378	P	2.6
5	☐	125.000	123.355	46961.28	2.4972	P	0.9
6	☐	250.000	255.684	87423.05	5.1281	P	1.7
7	☐	500.000	505.203	159042.79	10.0890	P	2.5
8	☐	1000.000	996.186	303424.90	19.8506	P	2.0
9	☐			2426.92	0.1528	P	1.3

$$y = 0.0199 * x + 0.0447$$

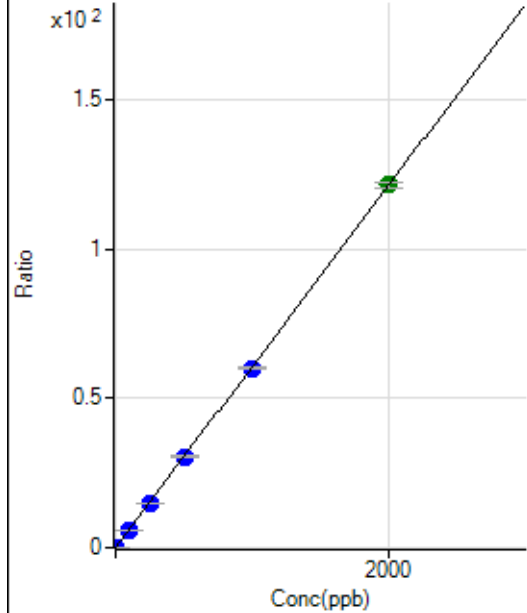
$$R = 1.0000$$

$$DL = 0.3808$$

$$BEC = 2.248$$

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	110.00	0.0055	P	21.0
2	☐	0.200					
3	☐	2.000	1.720	2191.32	0.1097	P	8.6
4	☐	100.000	97.311	114731.72	5.9020	P	1.3
5	☐	250.000	243.880	278006.82	14.7833	P	1.0
6	☐	500.000	504.184	520930.21	30.5563	P	1.5
7	☐	1000.000	992.656	948386.32	60.1552	P	1.8
8	☐	2000.000	2003.526	1855869.92	121.4086	A	1.5
9	☐			2065.75	0.1301	P	0.8

$$y = 0.0606 * x + 0.0055$$

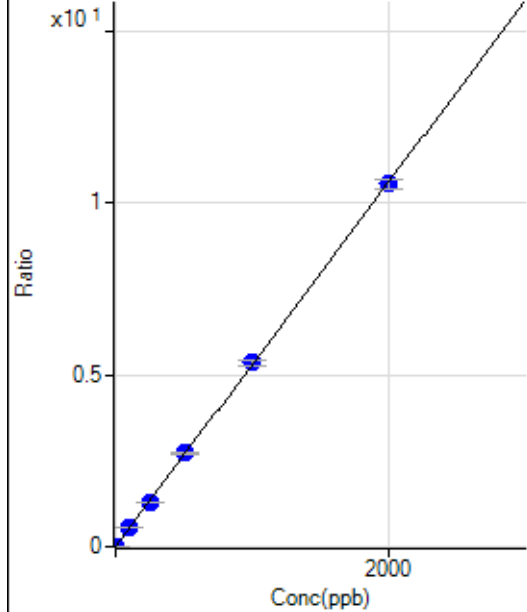
$$R = 1.0000$$

$$DL = 0.05686$$

$$BEC = 0.09006$$

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	25.55	0.0013	P	13.5
2	☐	0.200					
3	☐	2.000	1.562	191.12	0.0096	P	23.4
4	☐	100.000	101.417	10485.23	0.5393	P	1.0
5	☐	250.000	245.540	24520.76	1.3040	P	1.7
6	☐	500.000	514.601	46561.38	2.7314	P	2.2
7	☐	1000.000	1010.130	84500.98	5.3604	P	2.6
8	☐	2000.000	1991.772	161537.87	10.5684	P	2.5
9	☐			493.35	0.0311	P	15.0

$$y = 0.0053 * x + 0.0013$$

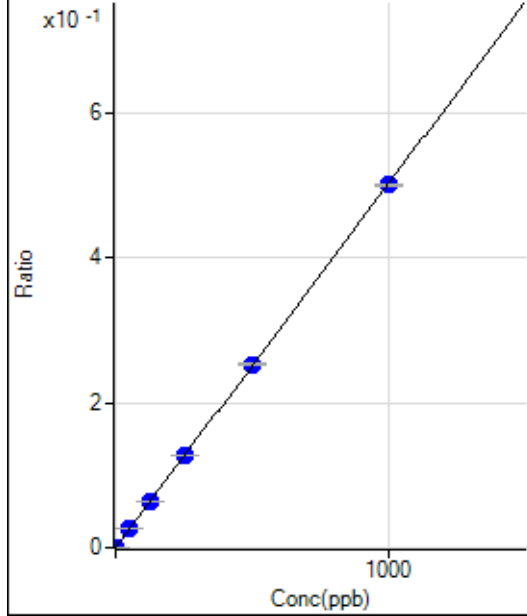
$$R = 0.9999$$

$$DL = 0.09661$$

$$BEC = 0.2383$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.08	0.0000	P	34.2
2	☐	0.100					
3	☐	1.000	0.970	74.08	0.0005	P	10.2
4	☐	50.000	52.320	3824.64	0.0263	P	2.0
5	☐	125.000	126.454	9008.55	0.0636	P	0.3
6	☐	250.000	252.471	16999.45	0.1270	P	0.6
7	☐	500.000	504.492	31316.92	0.2537	P	0.7
8	☐	1000.000	996.838	60454.13	0.5012	P	0.8
9	☐			23.46	0.0002	P	11.5

$$y = 5.0275\text{E-}004 * x + 2.1155\text{E-}005$$

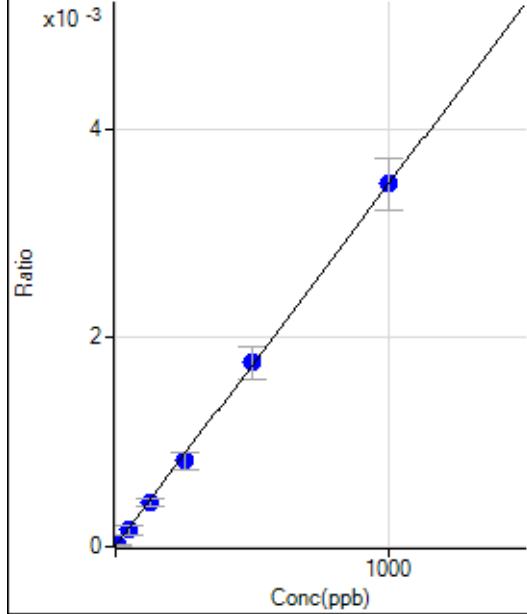
$$R = 1.0000$$

$$DL = 0.04312$$

$$BEC = 0.04208$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	2.181	2.22	0.0000	P	86.6
4	☐	50.000	44.074	23.33	0.0002	P	51.1
5	☐	125.000	120.111	60.00	0.0004	P	14.5
6	☐	250.000	234.945	110.00	0.0008	P	20.9
7	☐	500.000	506.787	217.78	0.0018	P	18.1
8	☐	1000.000	1001.292	418.90	0.0035	P	14.0
9	☐			1.11	0.0000	P	173.2

$$y = 3.4623\text{E-}006 * x + 7.6180\text{E-}006$$

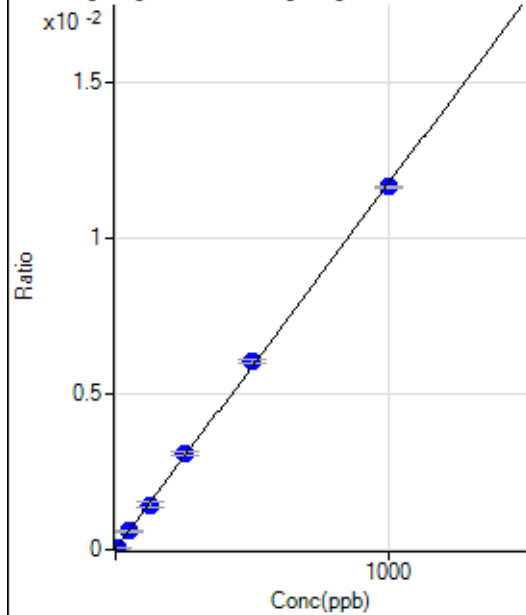
$$R = 0.9999$$

$$DL = 11.43$$

$$BEC = 2.2$$

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	114.8
2	☐	0.500					
3	☐	5.000	3.229	8.02	0.0001	P	56.3
4	☐	50.000	48.582	85.19	0.0006	P	16.8
5	☐	125.000	121.653	204.33	0.0014	P	10.5
6	☐	250.000	260.589	411.12	0.0031	P	4.0
7	☐	500.000	514.018	745.71	0.0060	P	1.3
8	☐	1000.000	990.842	1402.55	0.0116	P	0.8
9	☐			2.47	0.0000	P	115.2

$$y = 1.1718\text{E-}005 * x + 1.6930\text{E-}005$$

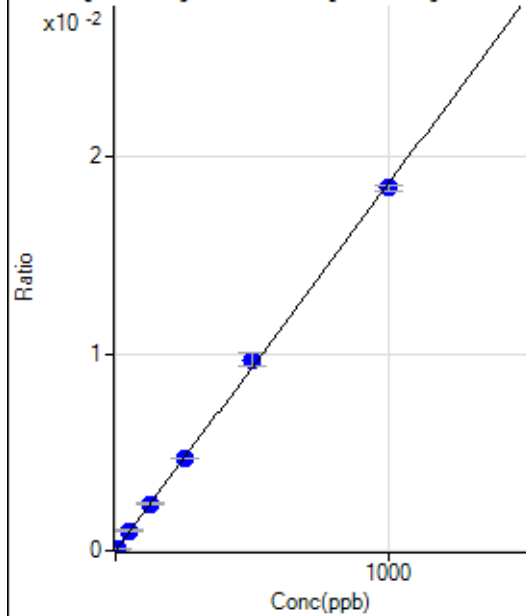
$$R = 0.9998$$

$$DL = 4.977$$

$$BEC = 1.445$$

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	-12.43	0.0000	P	-312.
2	☐	0.500					
3	☐	5.000	4.546	375.97	0.0001	P	16.7
4	☐	50.000	54.086	4481.21	0.0010	P	4.5
5	☐	125.000	127.245	11011.42	0.0024	P	2.3
6	☐	250.000	252.667	21514.64	0.0047	P	0.9
7	☐	500.000	520.575	41497.31	0.0097	P	6.4
8	☐	1000.000	988.563	79969.76	0.0184	P	1.4
9	☐			62.06	0.0000	P	146.3

$$y = 1.8628\text{E-}005 * x - 2.9018\text{E-}006$$

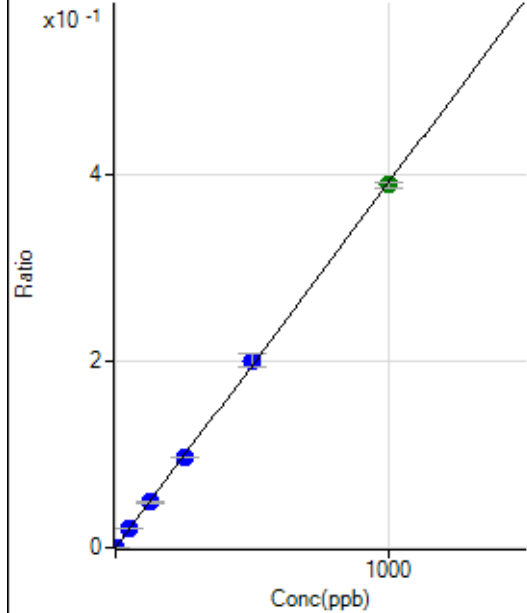
$$R = 0.9997$$

$$DL = 1.461$$

$$BEC = -0.1558$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	438.92	0.0001	P	29.4
2	☐	0.100					
3	☐	1.000	0.859	2025.25	0.0004	P	7.5
4	☐	50.000	52.076	91492.28	0.0205	P	5.2
5	☐	125.000	124.100	226736.23	0.0487	P	0.9
6	☐	250.000	248.209	445458.10	0.0974	P	0.8
7	☐	500.000	512.367	859920.43	0.2009	P	6.8
8	☐	1000.000	994.273	1693148.89	0.3898	A	1.3
9	☐			57817.63	0.0132	P	0.2

$$y = 3.9196\text{E-}004 * x + 1.0341\text{E-}004$$

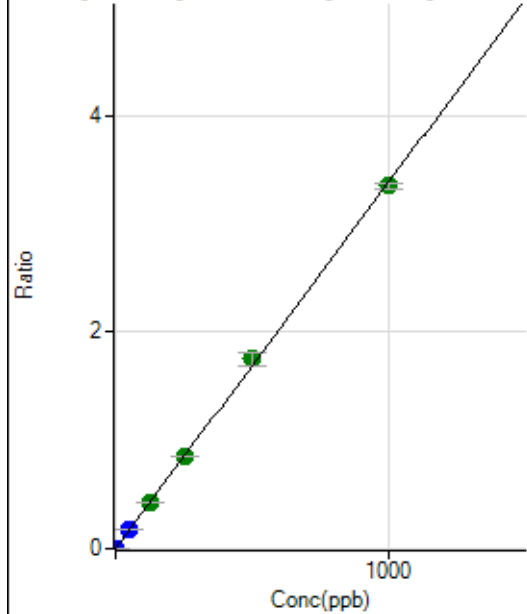
$$R = 0.9999$$

$$DL = 0.2328$$

$$BEC = 0.2638$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	46.1
2	☐	0.100					
3	☐	1.000	0.923	14499.97	0.0032	P	1.0
4	☐	50.000	52.159	787656.83	0.1766	P	4.1
5	☐	125.000	126.682	1994555.92	0.4288	A	0.9
6	☐	250.000	252.454	3908379.69	0.8545	A	0.4
7	☐	500.000	517.254	7493387.15	1.7507	A	6.6
8	☐	1000.000	990.441	14559532.97	3.3523	A	1.7
9	☐			495359.23	0.1135	P	0.6

$$y = 0.0034 * x + 2.4917\text{E-}005$$

$$R = 0.9998$$

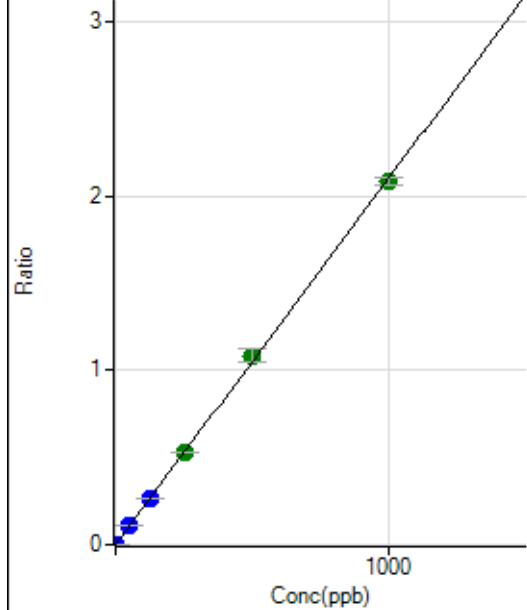
$$DL = 0.01018$$

$$BEC = 0.007362$$

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	272.24	0.0001	P	11.2
2	☐	0.100					
3	☐	1.000	0.892	8908.87	0.0019	P	3.6
4	☐	50.000	51.822	485381.93	0.1088	P	4.5
5	☐	125.000	124.206	1212725.46	0.2607	P	0.5
6	☐	250.000	253.763	2436110.12	0.5326	A	0.3
7	☐	500.000	516.340	4637879.79	1.0836	A	6.8
8	☐	1000.000	990.897	9031181.28	2.0795	A	2.2
9	☐			1741.86	0.0004	P	6.9

$$y = 0.0021 * x + 6.4189E-005$$

$$R = 0.9998$$

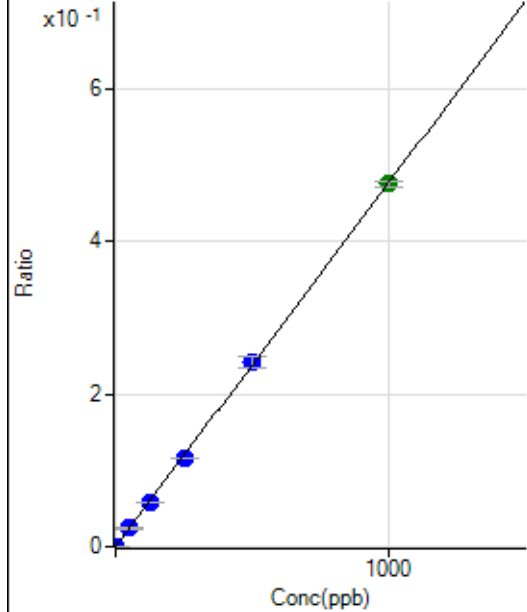
$$DL = 0.01031$$

$$BEC = 0.03059$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	45.0
2	☐	0.100					
3	☐	1.000	0.921	2069.70	0.0004	P	4.8
4	☐	50.000	50.725	107858.51	0.0242	P	3.6
5	☐	125.000	121.305	268838.54	0.0578	P	1.1
6	☐	250.000	243.680	530990.11	0.1161	P	0.7
7	☐	500.000	508.418	1036680.30	0.2422	P	6.6
8	☐	1000.000	997.797	2064418.51	0.4753	A	1.7
9	☐			375.02	0.0001	P	11.3

$$y = 4.7636E-004 * x + 1.1119E-005$$

$$R = 0.9999$$

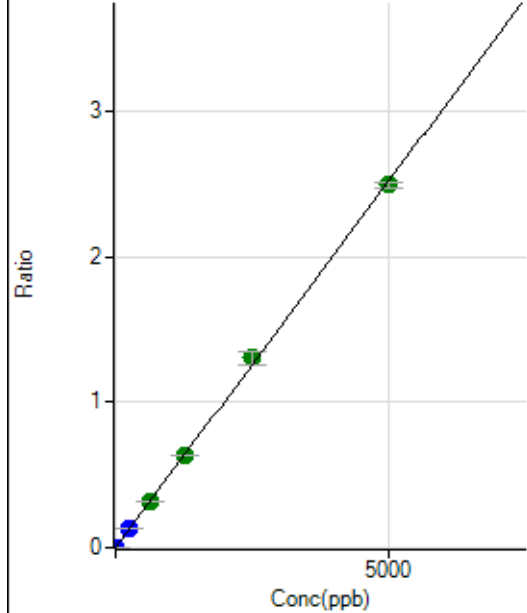
$$DL = 0.03148$$

$$BEC = 0.02334$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	60.2
2	☐	0.500					
3	☐	5.000	4.492	10593.41	0.0023	P	1.0
4	☐	250.000	257.825	579046.48	0.1298	P	4.2
5	☐	625.000	628.367	1471236.76	0.3163	A	1.1
6	☐	1250.000	1259.479	2899577.02	0.6339	A	0.9
7	☐	2500.000	2589.953	5578704.21	1.3036	A	6.9
8	☐	5000.000	4951.842	10824550.07	2.4923	A	1.7
9	☐			4184.16	0.0010	P	7.7

$$y = 5.0330E-004 * x + 4.0504E-005$$

$$R = 0.9998$$

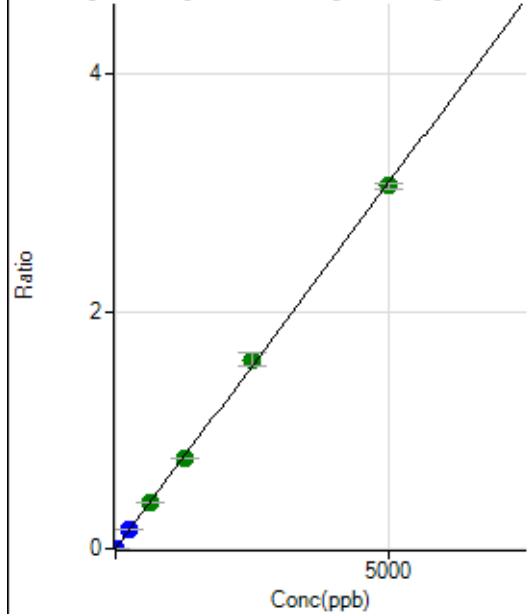
$$DL = 0.1453$$

$$BEC = 0.08048$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	15.6
2	☐	0.500					
3	☐	5.000	4.331	12406.16	0.0027	P	2.1
4	☐	250.000	256.185	704541.80	0.1580	P	4.8
5	☐	625.000	623.219	1787236.83	0.3842	A	1.0
6	☐	1250.000	1240.867	3499041.96	0.7650	A	1.2
7	☐	2500.000	2584.449	6819300.93	1.5933	A	6.7
8	☐	5000.000	4959.973	13280620.96	3.0578	A	1.7
9	☐			6143.33	0.0014	P	5.3

$$y = 6.1650E-004 * x + 2.5511E-005$$

$$R = 0.9998$$

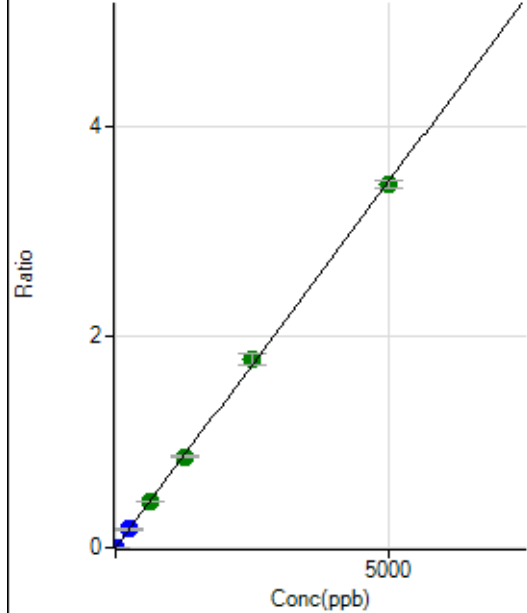
$$DL = 0.01935$$

$$BEC = 0.04138$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	8.5
2	☐	0.500					
3	☐	5.000	4.394	14188.56	0.0031	P	2.2
4	☐	250.000	254.652	788430.50	0.1768	P	4.5
5	☐	625.000	627.814	2026820.99	0.4357	A	0.3
6	☐	1250.000	1247.947	3961272.66	0.8661	A	1.5
7	☐	2500.000	2583.974	7676813.11	1.7933	A	6.1
8	☐	5000.000	4957.942	14942853.11	3.4408	A	2.2
9	☐			7952.68	0.0018	P	3.6

$$y = 6.9398E-004 * x + 3.2732E-005$$

$$R = 0.9998$$

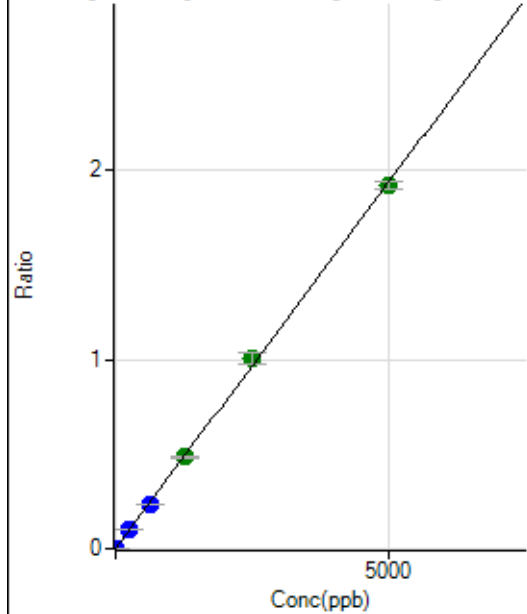
$$DL = 0.01197$$

$$BEC = 0.04717$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	30.3
2	☐	0.500					
3	☐	5.000	4.338	7813.73	0.0017	P	5.0
4	☐	250.000	256.825	443663.39	0.0995	P	5.0
5	☐	625.000	613.329	1104871.68	0.2375	P	0.9
6	☐	1250.000	1251.500	2216776.09	0.4847	A	1.4
7	☐	2500.000	2594.405	4300760.60	1.0047	A	6.3
8	☐	5000.000	4953.541	8331239.42	1.9183	A	2.1
9	☐			3986.87	0.0009	P	6.3

$$y = 3.8726E-004 * x + 1.8281E-005$$

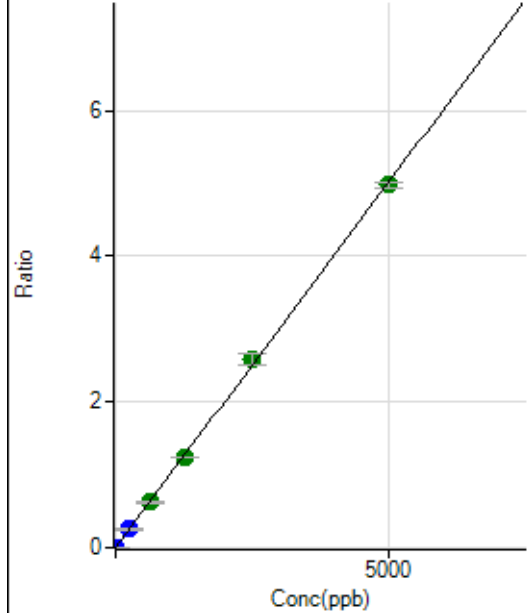
$$R = 0.9997$$

$$DL = 0.04288$$

$$BEC = 0.04721$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	8.7
2	☐	0.500					
3	☐	5.000	4.407	20507.96	0.0045	P	1.4
4	☐	250.000	255.202	1141477.92	0.2559	P	4.2
5	☐	625.000	618.866	2886118.40	0.6205	A	0.5
6	☐	1250.000	1238.892	5681006.81	1.2421	A	1.2
7	☐	2500.000	2572.613	11039092.09	2.5792	A	6.6
8	☐	5000.000	4966.978	21627253.26	4.9796	A	1.7
9	☐			9345.30	0.0021	P	4.4

$$y = 0.0010 * x + 3.7242E-005$$

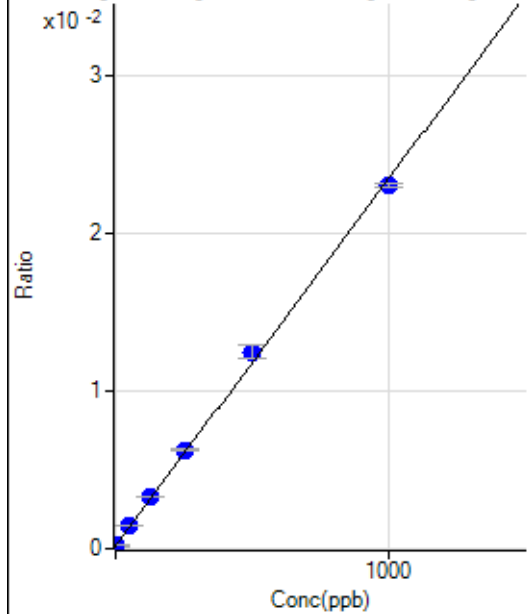
$$R = 0.9998$$

$$DL = 0.00968$$

$$BEC = 0.03715$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	919.53	0.0002	P	12.6
2	☐	0.100					
3	☐	1.000	1.318	1183.45	0.0002	P	11.9
4	☐	50.000	55.283	8458.60	0.0015	P	4.9
5	☐	125.000	133.250	20154.84	0.0033	P	1.4
6	☐	250.000	262.207	39205.42	0.0063	P	2.9
7	☐	500.000	528.942	75776.94	0.0125	P	6.7
8	☐	1000.000	981.182	145292.37	0.0230	P	1.0
9	☐			908.41	0.0001	P	6.6

$$y = 2.3287E-005 * x + 1.6921E-004$$

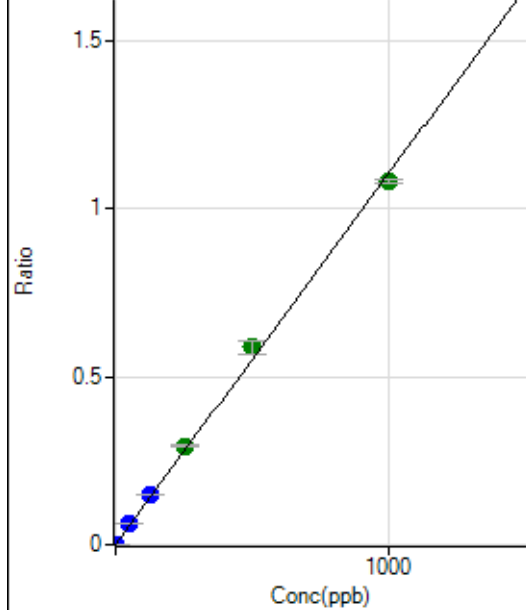
$$R = 0.9993$$

$$DL = 2.739$$

$$BEC = 7.266$$

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	77.78	0.0000	P	21.6
2	☐	0.100					
3	☐	1.000	0.981	6487.98	0.0011	P	2.6
4	☐	50.000	57.083	365412.76	0.0630	P	6.5
5	☐	125.000	134.123	911071.84	0.1479	P	0.8
6	☐	250.000	265.415	1828836.32	0.2927	A	1.6
7	☐	500.000	532.418	3563202.12	0.5871	A	6.7
8	☐	1000.000	978.442	6810710.57	1.0790	A	1.0
9	☐			530.59	0.0001	P	17.1

$$y = 0.0011 * x + 1.4256E-005$$

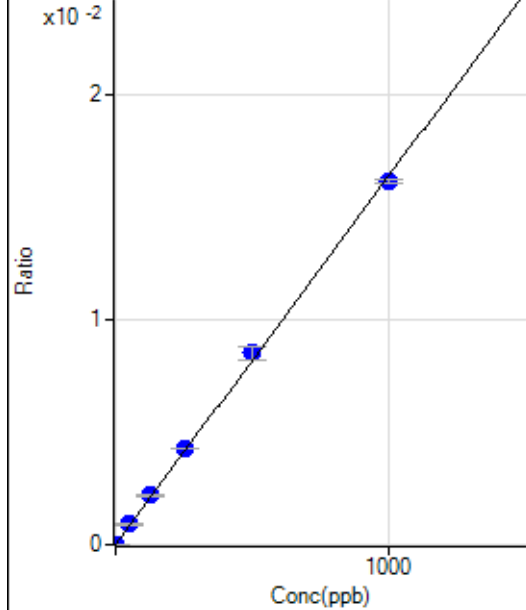
$$R = 0.9991$$

$$DL = 0.00837$$

$$BEC = 0.01293$$

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	5.56	0.0000	P	116.2
2	☐	0.100					
3	☐	1.000	1.144	116.67	0.0000	P	12.5
4	☐	50.000	55.333	5252.52	0.0009	P	7.7
5	☐	125.000	133.649	13455.55	0.0022	P	2.1
6	☐	250.000	260.499	26598.81	0.0043	P	1.0
7	☐	500.000	521.834	51738.06	0.0085	P	7.0
8	☐	1000.000	985.110	101595.44	0.0161	P	1.0
9	☐			27.78	0.0000	P	31.7

$$y = 1.6337E-005 * x + 1.0246E-006$$

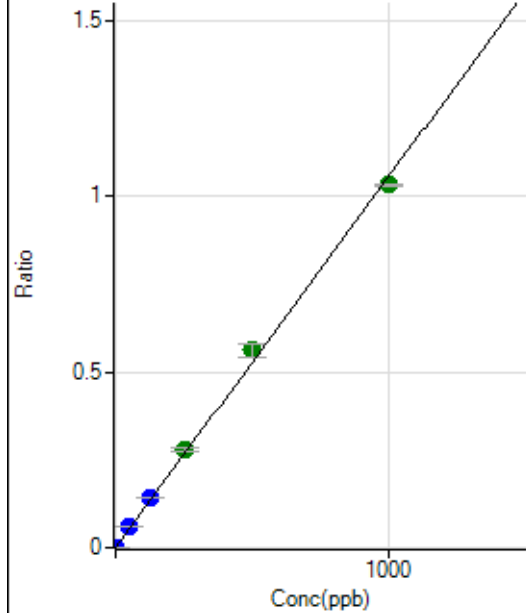
$$R = 0.9996$$

$$DL = 0.2187$$

$$BEC = 0.06272$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	15.0
2	☐	0.100					
3	☐	1.000	1.004	6312.90	0.0011	P	5.3
4	☐	50.000	56.777	348238.30	0.0600	P	5.4
5	☐	125.000	134.035	872076.99	0.1416	P	0.5
6	☐	250.000	264.563	1746050.80	0.2795	A	2.2
7	☐	500.000	532.972	3416338.44	0.5630	A	6.9
8	☐	1000.000	978.405	6523675.23	1.0335	A	0.6
9	☐			580.60	0.0001	P	7.4

$$y = 0.0011 * x + 5.6205E-006$$

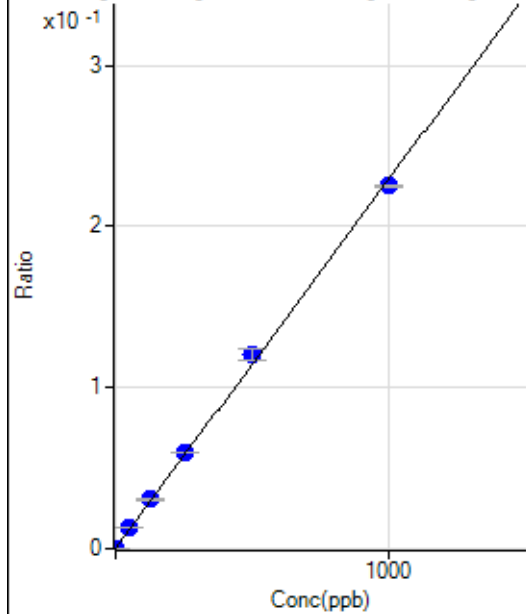
$$R = 0.9991$$

$$DL = 0.002401$$

$$BEC = 0.005321$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	668.94	0.0001	P	11.9
2	☐	0.100					
3	☐	1.000	0.909	1960.72	0.0003	P	10.5
4	☐	50.000	55.993	75150.47	0.0129	P	5.1
5	☐	125.000	132.449	187531.64	0.0304	P	0.4
6	☐	250.000	259.347	371775.20	0.0595	P	1.0
7	☐	500.000	526.355	732023.93	0.1206	P	6.8
8	☐	1000.000	983.255	1421739.97	0.2252	P	0.6
9	☐			873.39	0.0001	P	1.9

$$y = 2.2895E-004 * x + 1.2304E-004$$

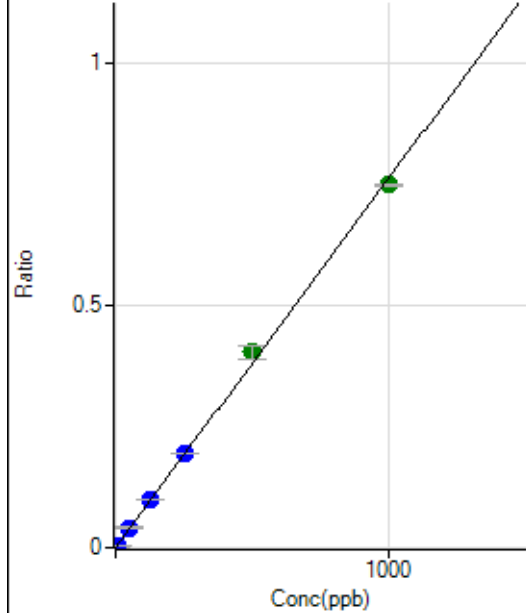
$$R = 0.9994$$

$$DL = 0.1914$$

$$BEC = 0.5374$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	541.70	0.0001	P	3.1
2	☐	0.500					
3	☐	5.000	4.819	22341.71	0.0038	P	0.7
4	☐	50.000	54.537	242089.71	0.0417	P	5.5
5	☐	125.000	128.998	606651.14	0.0985	P	0.2
6	☐	250.000	256.172	1221540.21	0.1955	P	0.8
7	☐	500.000	529.001	2448951.75	0.4036	A	7.0
8	☐	1000.000	983.231	4734674.11	0.7501	A	0.5
9	☐			4984.52	0.0008	P	2.7

$$y = 7.6275\text{E-}004 * x + 9.9657\text{E-}005$$

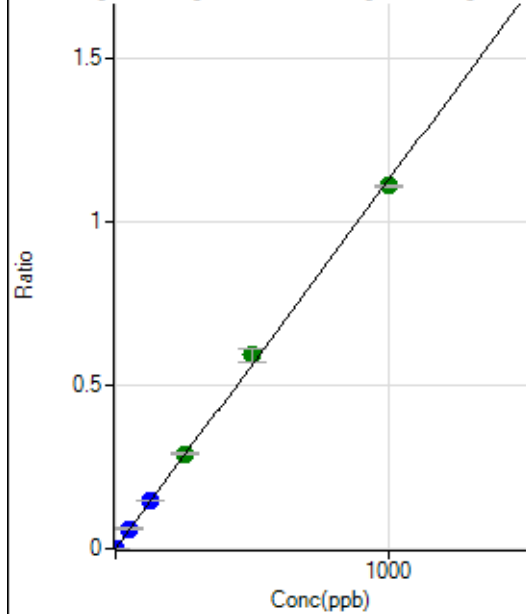
$$R = 0.9993$$

$$DL = 0.01201$$

$$BEC = 0.1307$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	40.4
2	☐	0.200					
3	☐	2.000	1.882	12578.65	0.0021	P	4.5
4	☐	50.000	53.807	351593.34	0.0606	P	5.5
5	☐	125.000	128.453	890408.47	0.1446	P	0.3
6	☐	250.000	257.825	1812946.40	0.2902	A	1.3
7	☐	500.000	526.099	3592509.11	0.5921	A	7.0
8	☐	1000.000	984.373	6992534.01	1.1078	A	0.5
9	☐			9776.19	0.0016	P	3.7

$$y = 0.0011 * x + 7.6659\text{E-}006$$

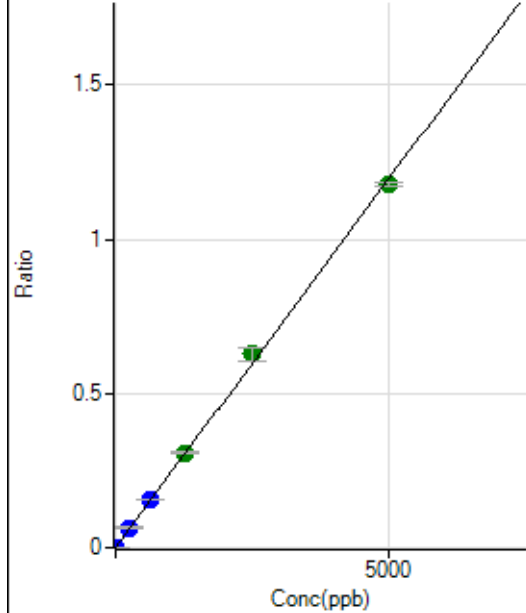
$$R = 0.9995$$

$$DL = 0.008262$$

$$BEC = 0.006812$$

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	66.67	0.0000	P	22.3
2	☐	1.000					
3	☐	10.000	9.423	13396.27	0.0023	P	3.0
4	☐	250.000	271.562	376866.54	0.0649	P	5.0
5	☐	625.000	651.429	958813.26	0.1557	P	0.5
6	☐	1250.000	1289.424	1925199.80	0.3081	A	1.2
7	☐	2500.000	2625.082	3805624.43	0.6273	A	7.3
8	☐	5000.000	4923.223	7425584.80	1.1764	A	1.0
9	☐			1825.21	0.0003	P	4.9

$$y = 2.3895E-004 * x + 1.2223E-005$$

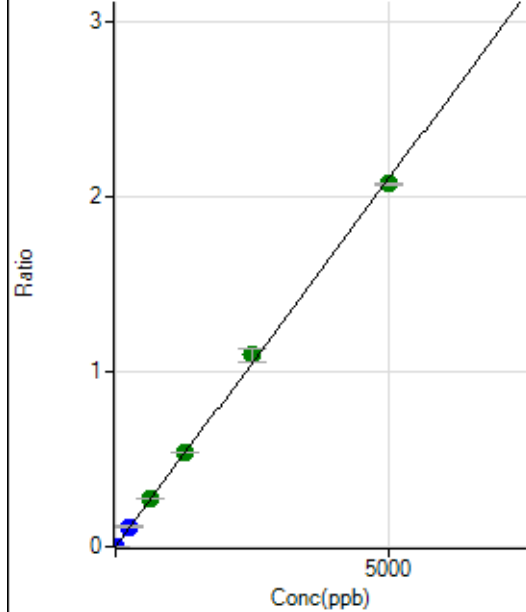
$$R = 0.9995$$

$$DL = 0.03427$$

$$BEC = 0.05115$$

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	122.23	0.0000	P	15.0
2	☐	1.000					
3	☐	10.000	9.470	23697.30	0.0040	P	3.9
4	☐	250.000	270.505	660637.14	0.1138	P	5.3
5	☐	625.000	650.716	1685720.92	0.2737	A	0.8
6	☐	1250.000	1283.241	3372146.34	0.5397	A	1.1
7	☐	2500.000	2608.231	6654738.08	1.0969	A	7.4
8	☐	5000.000	4933.335	13095997.78	2.0747	A	0.8
9	☐			3464.51	0.0006	P	9.8

$$y = 4.2055E-004 * x + 2.2482E-005$$

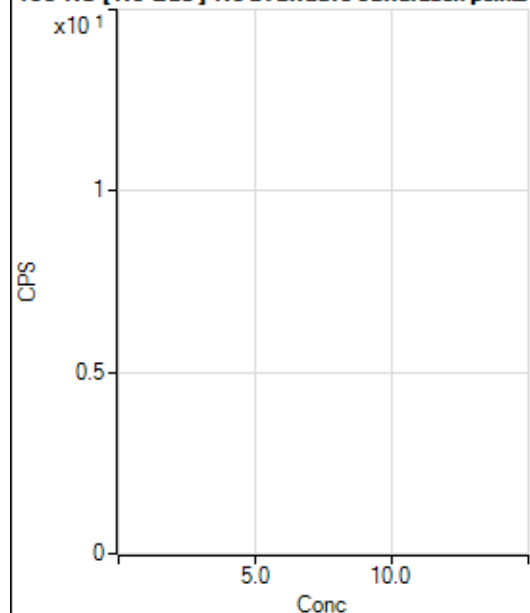
$$R = 0.9996$$

$$DL = 0.02413$$

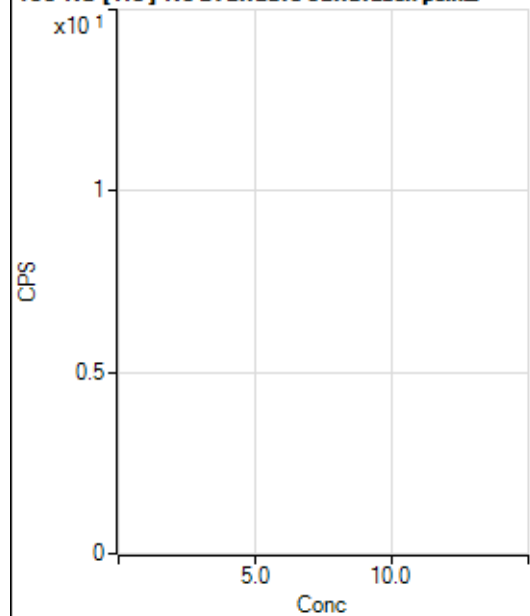
$$BEC = 0.05346$$

Weight: <None>

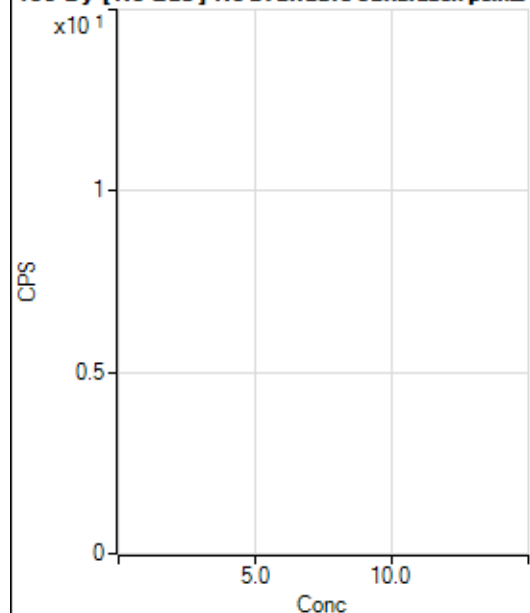
Min Conc: 0

150 Nd [No Gas] No available calibration points

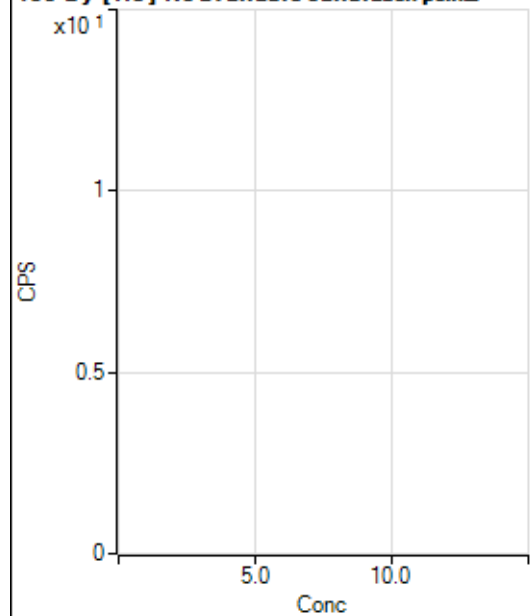
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			6.67		P	0.0
4	☐			26.67		P	25.0
5	☐			44.45		P	8.7
6	☐			97.78		P	25.8
7	☐			157.78		P	17.1
8	☐			322.24		P	16.1
9	☐			126.67		P	34.5

150 Nd [He] No available calibration points

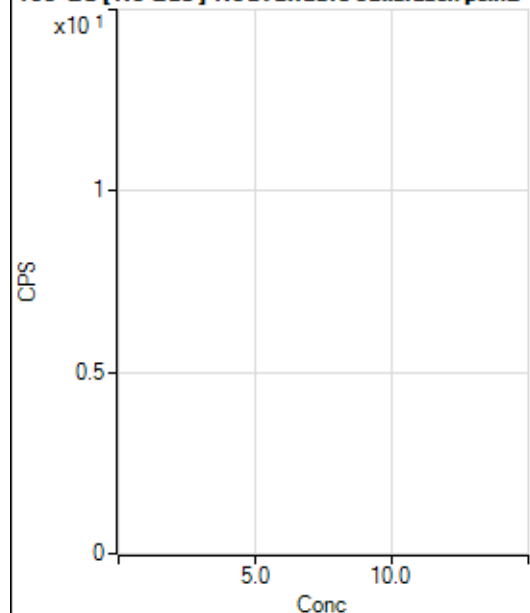
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			3.33		P	100.1
7	☐			3.33		P	0.0
8	☐			2.22		P	86.6
9	☐			8.89		P	78.1

156 Dy [No Gas] No available calibration points

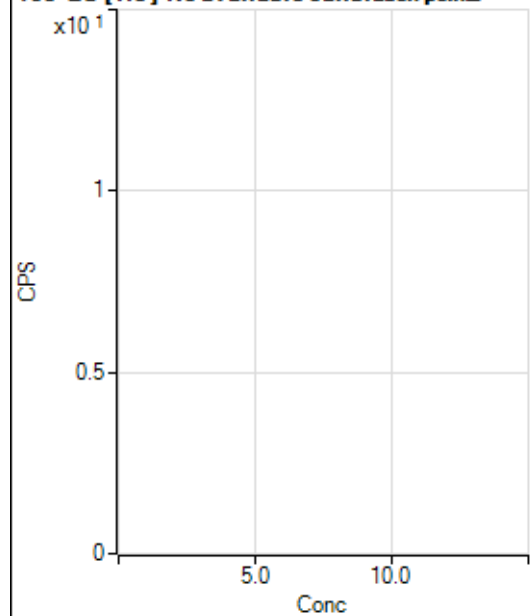
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			11.11		P	43.3
4	☐			16.67		P	50.0
5	☐			33.33		P	50.0
6	☐			13.89		P	124.9
7	☐			61.11		P	28.4
8	☐			105.56		P	35.6
9	☐			44.45		P	28.7

156 Dy [He] No available calibration points

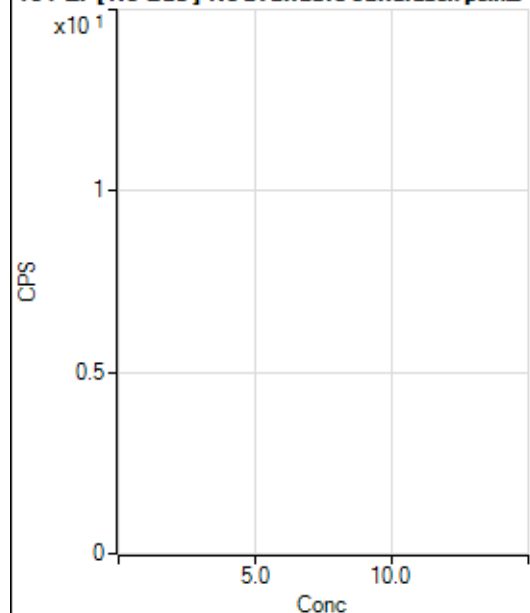
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			3.33		P	100.1
6	☐			2.22		P	173.2
7	☐			12.22		P	31.5
8	☐			7.78		P	49.5
9	☐			12.22		P	95.8

160 Gd [No Gas] Noavailable calibration poin_

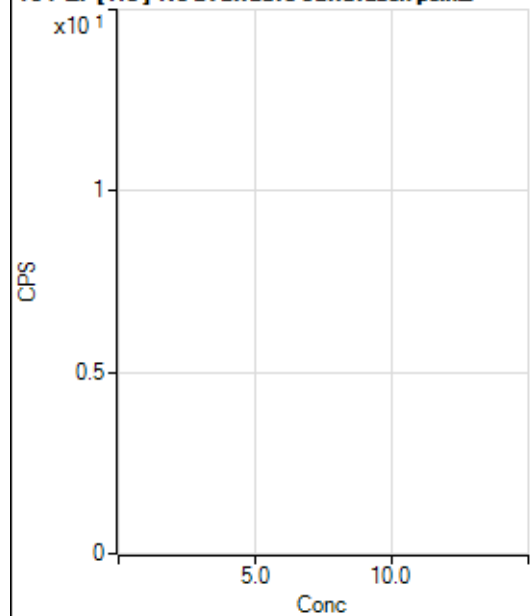
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	10.8
2	☐						
3	☐			30.56		P	83.3
4	☐			27.78		P	75.5
5	☐			41.67		P	0.0
6	☐			52.78		P	55.5
7	☐			41.67		P	72.1
8	☐			80.56		P	31.6
9	☐			47.22		P	44.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			5.56		P	34.7
4	☐			4.44		P	43.4
5	☐			2.22		P	86.6
6	☐			6.66		P	86.6
7	☐			12.22		P	63.0
8	☐			7.78		P	65.5
9	☐			13.33		P	66.1

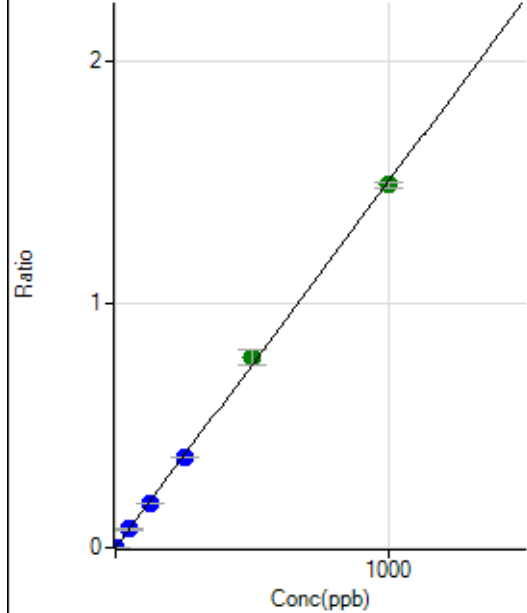
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐						
3	☐			30.56		P	63.0
4	☐			33.33		P	114.6
5	☐			30.55		P	15.7
6	☐			38.89		P	32.7
7	☐			25.00		P	66.7
8	☐			50.00		P	44.1
9	☐			33.33		P	75.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			7.78		P	65.5
4	☐			1.11		P	173.2
5	☐			4.44		P	43.4
6	☐			4.44		P	173.2
7	☐			4.45		P	86.6
8	☐			2.22		P	86.6
9	☐			4.45		P	86.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	322.24	0.0001	P	20.1
2	☐	0.100					
3	☐	1.000	0.831	5173.54	0.0013	P	3.4
4	☐	50.000	51.148	290882.43	0.0769	P	5.4
5	☐	125.000	122.537	756612.97	0.1841	P	0.6
6	☐	250.000	247.385	1554978.88	0.3716	P	1.3
7	☐	500.000	519.727	3211757.41	0.7807	A	7.4
8	☐	1000.000	991.041	6290299.45	1.4885	A	1.3
9	☐			2828.24	0.0007	P	7.1

$$y = 0.0015 * x + 9.0345E-005$$

$$R = 0.9997$$

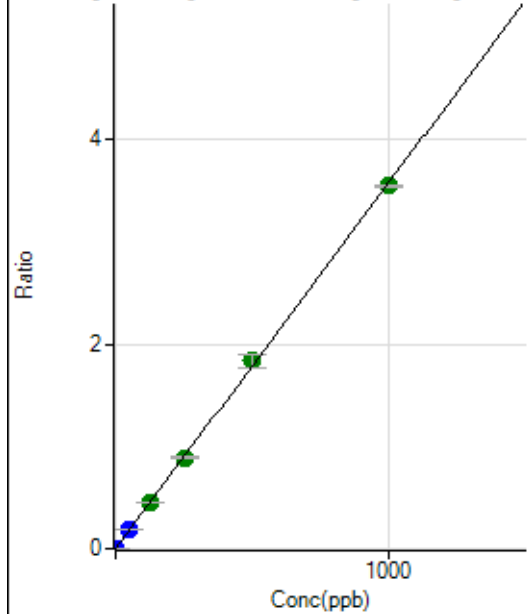
$$DL = 0.03624$$

$$BEC = 0.06015$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	619.49	0.0002	P	14.2
2	☐	0.100					
3	☐	1.000	0.902	13137.89	0.0034	P	2.7
4	☐	50.000	51.922	702600.71	0.1858	P	5.3
5	☐	125.000	125.010	1836758.81	0.4470	A	0.5
6	☐	250.000	249.733	3735636.98	0.8928	A	1.1
7	☐	500.000	514.940	7573682.81	1.8407	A	7.1
8	☐	1000.000	992.499	14992429.33	3.5476	A	0.8
9	☐			6065.64	0.0015	P	10.5

$$y = 0.0036 * x + 1.7366E-004$$

$$R = 0.9998$$

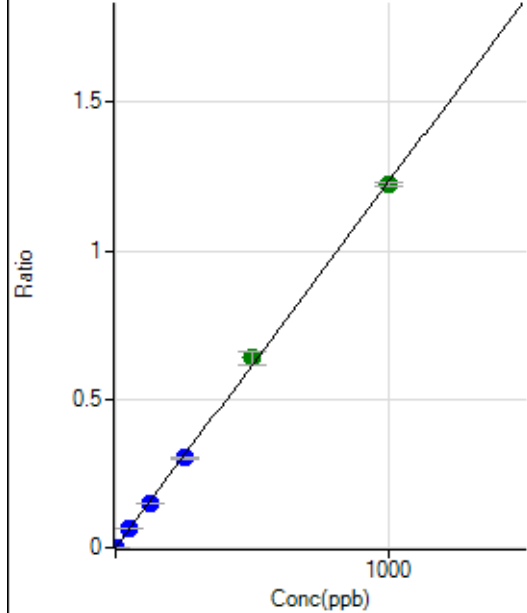
$$DL = 0.02069$$

$$BEC = 0.04859$$

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	383.35	0.0001	P	15.7
2	☐	0.100					
3	☐	1.000	0.894	4669.53	0.0012	P	3.5
4	☐	50.000	51.554	240301.65	0.0635	P	6.1
5	☐	125.000	121.256	613601.74	0.1493	P	0.4
6	☐	250.000	245.287	1263430.99	0.3020	P	1.2
7	☐	500.000	518.173	2623604.95	0.6378	A	7.6
8	☐	1000.000	992.482	5161773.26	1.2215	A	1.1
9	☐			8797.77	0.0022	P	1.3

$$y = 0.0012 * x + 1.0735E-004$$

$$R = 0.9997$$

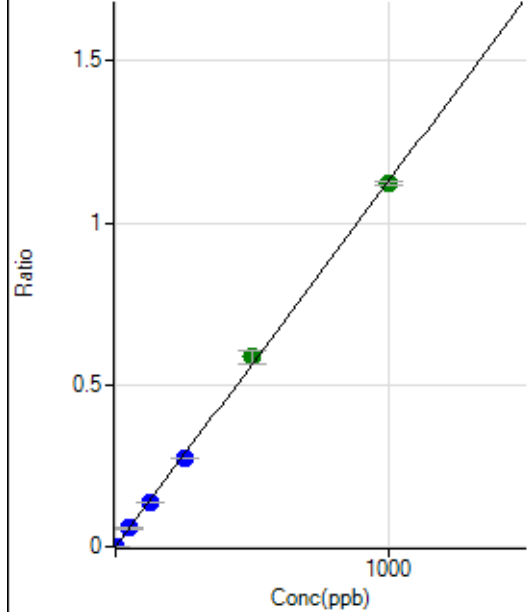
$$DL = 0.04112$$

$$BEC = 0.08723$$

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	353.72	0.0001	P	13.8
2	☐	0.100					
3	☐	1.000	0.842	4060.04	0.0010	P	5.2
4	☐	50.000	50.510	215875.23	0.0571	P	5.6
5	☐	125.000	119.600	554819.34	0.1350	P	0.6
6	☐	250.000	241.997	1142674.88	0.2731	P	1.2
7	☐	500.000	518.985	2409932.60	0.5856	A	6.6
8	☐	1000.000	993.158	4735133.26	1.1205	A	1.1
9	☐			7420.91	0.0019	P	5.0

$$y = 0.0011 * x + 9.9296E-005$$

$$R = 0.9997$$

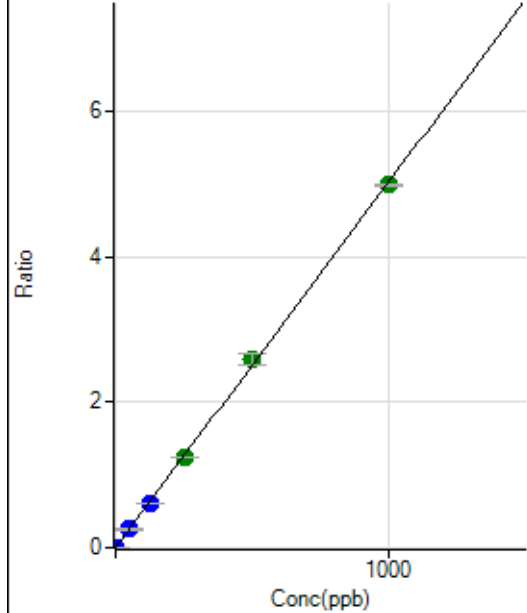
$$DL = 0.03644$$

$$BEC = 0.08802$$

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	1676.03	0.0005	P	3.9
2	☐	0.100					
3	☐	1.000	0.868	18659.68	0.0048	P	0.2
4	☐	50.000	51.045	970820.21	0.2567	P	5.6
5	☐	125.000	120.675	2491130.14	0.6062	P	0.5
6	☐	250.000	247.098	5191932.47	1.2409	A	1.1
7	☐	500.000	516.245	10665599.19	2.5919	A	6.9
8	☐	1000.000	993.092	21069172.29	4.9856	A	0.8
9	☐			34024.26	0.0087	P	0.8

$$y = 0.0050 * x + 4.6982E-004$$

$$R = 0.9998$$

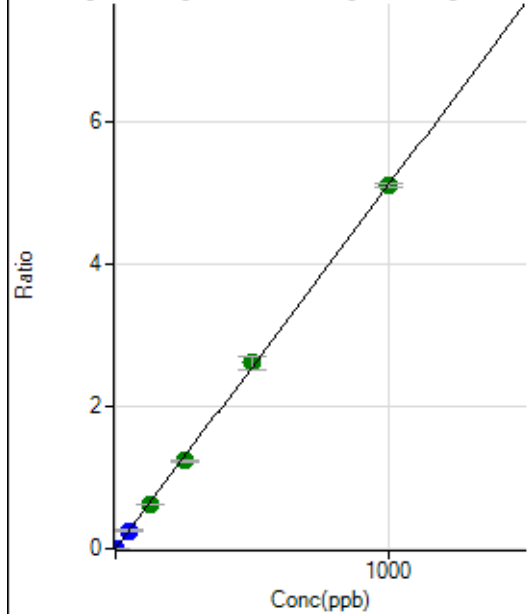
$$DL = 0.01096$$

$$BEC = 0.09359$$

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	555.59	0.0002	P	32.8
2	☐	0.100					
3	☐	1.000	0.815	16723.00	0.0043	P	1.8
4	☐	50.000	49.138	951590.33	0.2516	P	5.4
5	☐	125.000	119.701	2517537.04	0.6127	A	0.8
6	☐	250.000	241.313	5167295.04	1.2350	A	0.9
7	☐	500.000	510.405	10745568.04	2.6119	A	7.4
8	☐	1000.000	997.675	21574904.65	5.1052	A	1.0
9	☐			1350.15	0.0003	P	10.1

$$y = 0.0051 * x + 1.5508E-004$$

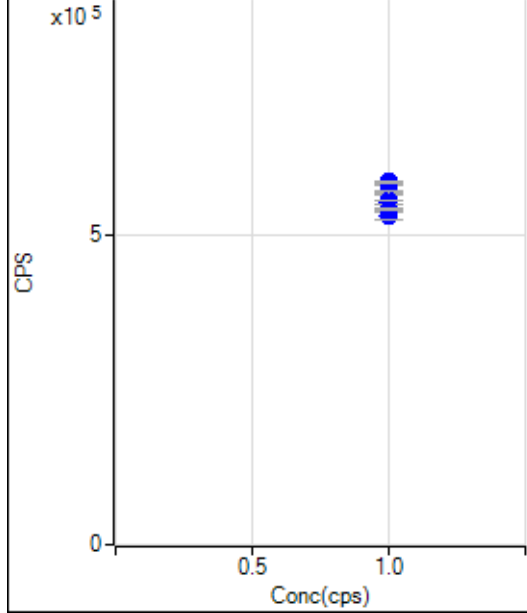
$$R = 0.9999$$

$$DL = 0.02986$$

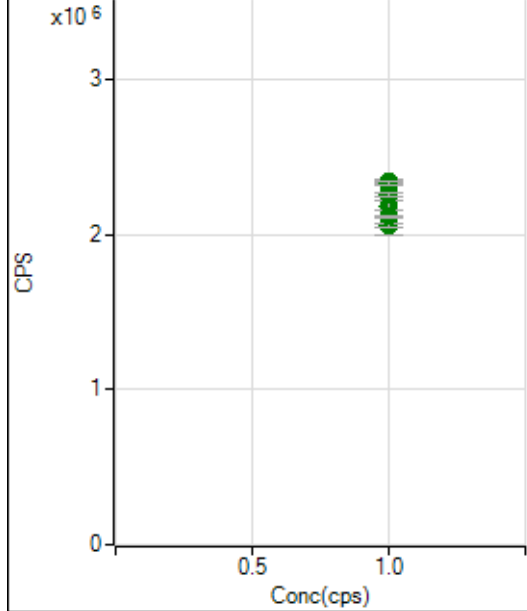
$$BEC = 0.03031$$

Weight: <None>

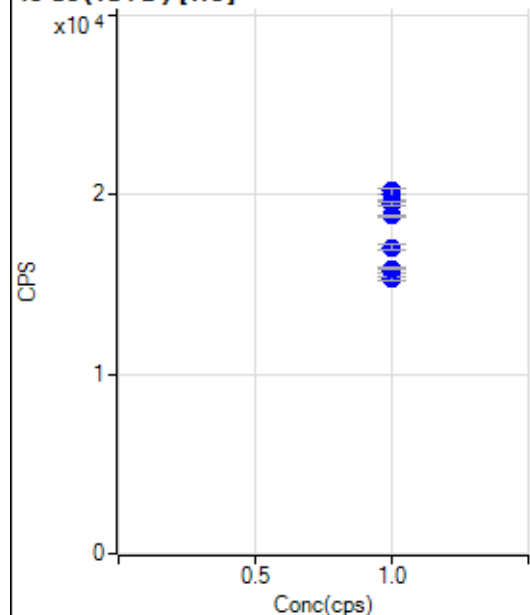
Min Conc: 0

6 Li (ISTD) [No Gas]

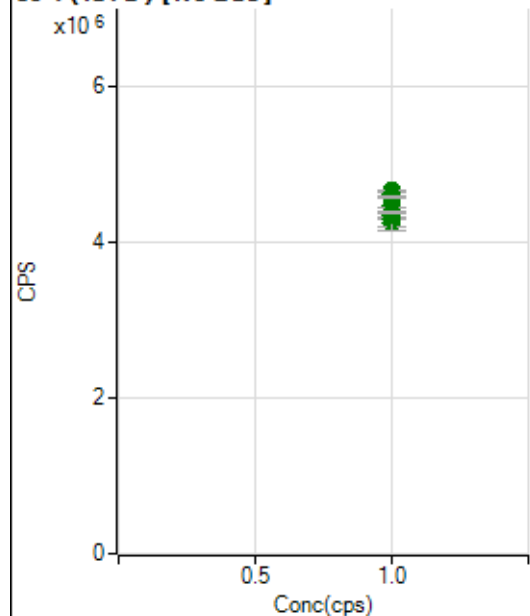
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		531070.55		P	2.4
2	☐	1.000					
3	☐	1.000		568513.98		P	0.9
4	☐	1.000		558137.93		P	4.5
5	☐	1.000		584267.93		P	0.6
6	☐	1.000		587099.59		P	0.6
7	☐	1.000		556416.40		P	6.3
8	☐	1.000		553483.00		P	1.1
9	☐	1.000		542443.76		P	0.5

45 Sc (ISTD) [No Gas]

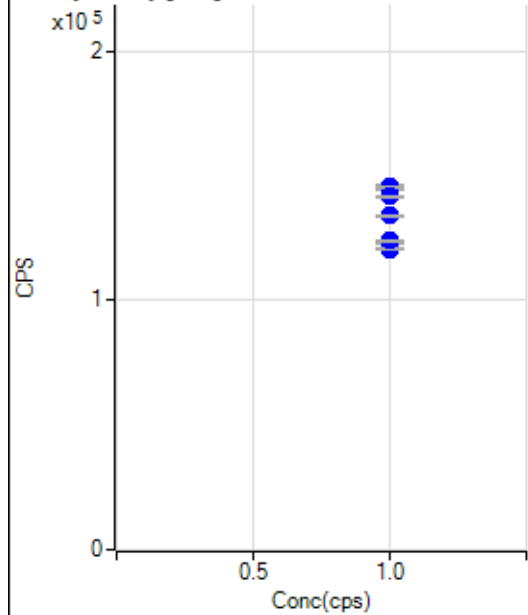
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2187708.99		A	2.9
2	☐	1.000					
3	☐	1.000		2341754.91		A	1.4
4	☐	1.000		2272987.29		A	4.9
5	☐	1.000		2335188.08		A	1.3
6	☐	1.000		2262168.13		A	0.9
7	☐	1.000		2065925.29		A	6.1
8	☐	1.000		2056364.74		A	1.4
9	☐	1.000		2121034.12		A	0.6

45 Sc (ISTD) [He]

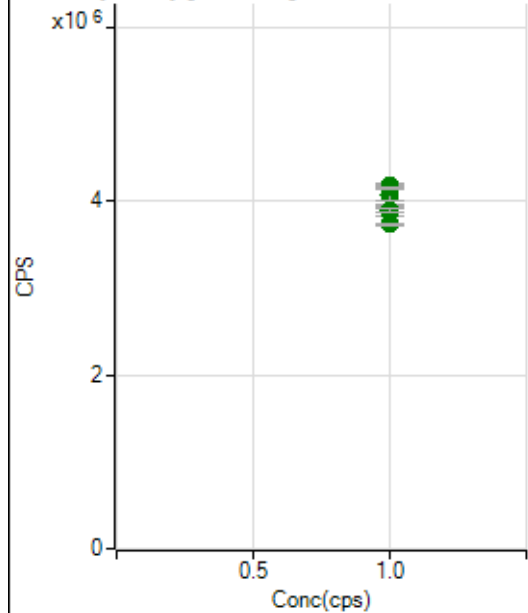
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20188.07		P	1.7
2	☐	1.000					
3	☐	1.000		20011.06		P	3.0
4	☐	1.000		19441.40		P	1.1
5	☐	1.000		18806.13		P	0.5
6	☐	1.000		17051.70		P	2.0
7	☐	1.000		15770.16		P	2.4
8	☐	1.000		15288.51		P	1.5
9	☐	1.000		15882.48		P	0.8

89 Y (ISTD) [No Gas]

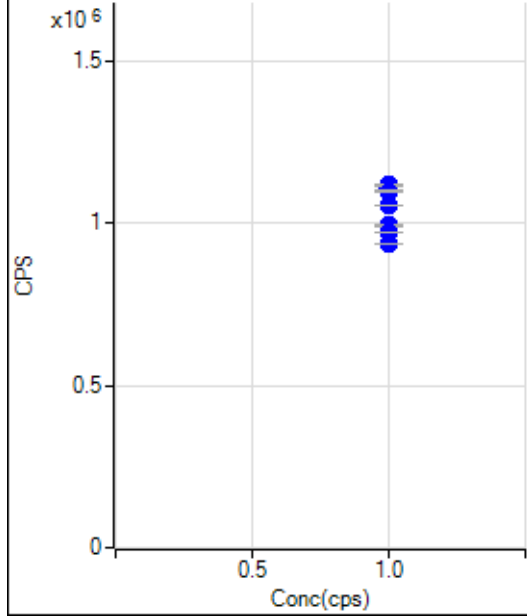
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4247504.10		A	2.3
2	☐	1.000					
3	☐	1.000		4603042.64		A	1.2
4	☐	1.000		4465940.59		A	4.0
5	☐	1.000		4651608.85		A	0.7
6	☐	1.000		4574015.66		A	0.6
7	☐	1.000		4292446.40		A	6.6
8	☐	1.000		4343942.68		A	1.6
9	☐	1.000		4365510.97		A	0.5

89 Y(ISTD) [He]

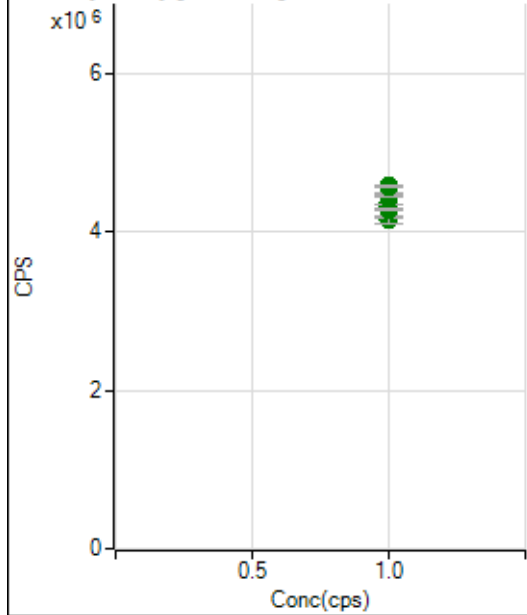
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		145529.84		P	0.7
2	☐	1.000					
3	☐	1.000		145554.87		P	1.9
4	☐	1.000		145296.68		P	0.7
5	☐	1.000		141653.30		P	0.4
6	☐	1.000		133906.61		P	0.4
7	☐	1.000		123465.22		P	0.8
8	☐	1.000		120626.79		P	0.6
9	☐	1.000		123880.23		P	1.1

103 Rh(ISTD) [No Gas]

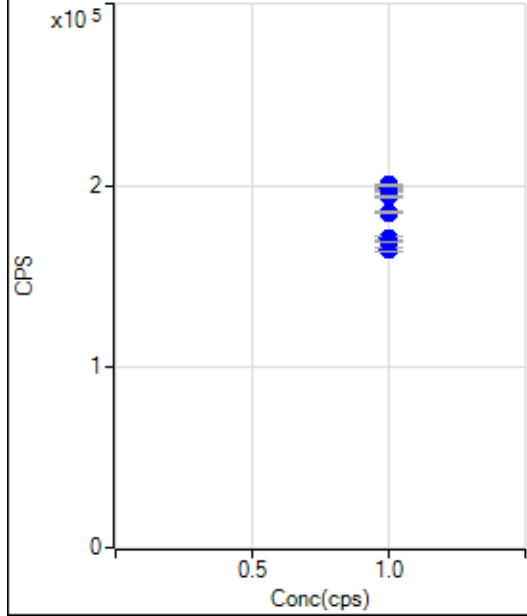
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3876624.70		A	2.9
2	☐	1.000					
3	☐	1.000		4173755.13		A	1.2
4	☐	1.000		4069264.02		A	5.6
5	☐	1.000		4171584.25		A	0.6
6	☐	1.000		4154185.38		A	0.6
7	☐	1.000		3861042.93		A	7.2
8	☐	1.000		3891463.67		A	1.0
9	☐	1.000		3732380.81		A	0.3

103 Rh (ISTD) [He]

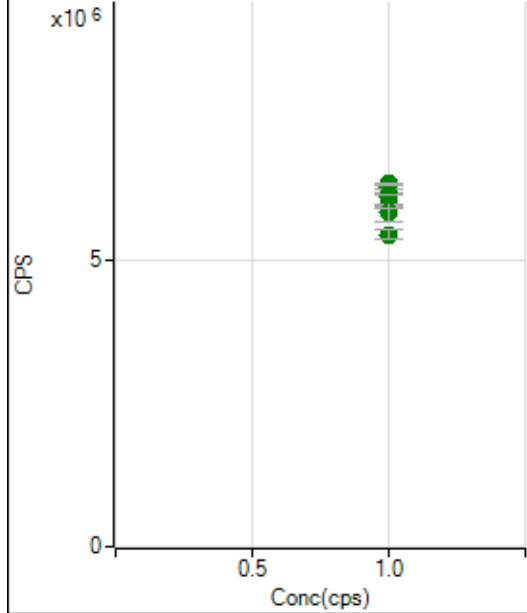
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1101133.49		P	0.8
2	☐	1.000					
3	☐	1.000		1108954.27		P	1.5
4	☐	1.000		1119026.21		P	0.2
5	☐	1.000		1097886.64		P	0.5
6	☐	1.000		1057052.82		P	0.1
7	☐	1.000		994615.64		P	0.7
8	☐	1.000		971789.74		P	0.2
9	☐	1.000		936802.10		P	0.5

115 In (ISTD) [No Gas]

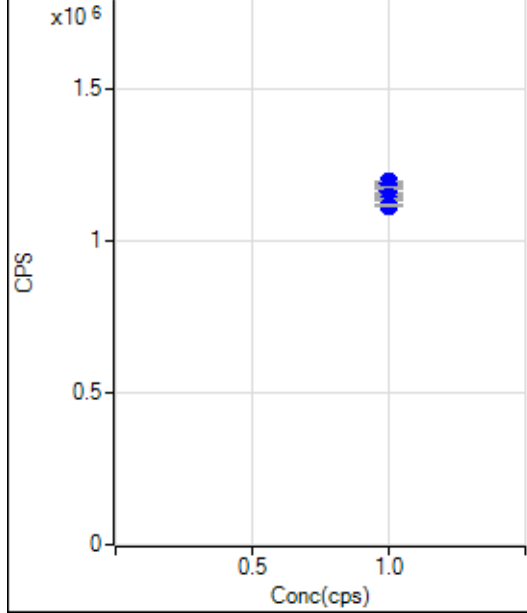
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4154048.88		A	2.5
2	☐	1.000					
3	☐	1.000		4487435.94		A	0.6
4	☐	1.000		4383156.98		A	5.3
5	☐	1.000		4582984.63		A	0.7
6	☐	1.000		4569154.72		A	0.5
7	☐	1.000		4316319.15		A	6.0
8	☐	1.000		4325536.01		A	1.0
9	☐	1.000		4284213.90		A	1.0

115 In (ISTD) [He]

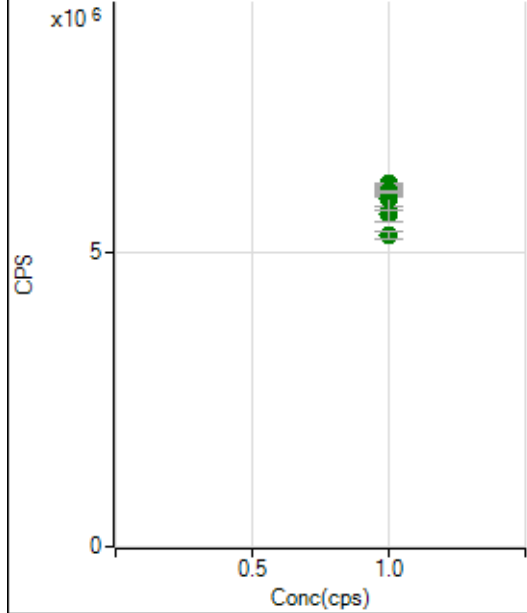
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		197612.07		P	0.5
2	☐	1.000					
3	☐	1.000		198657.38		P	2.0
4	☐	1.000		200318.56		P	0.5
5	☐	1.000		194256.81		P	0.5
6	☐	1.000		184902.44		P	0.6
7	☐	1.000		170943.86		P	0.9
8	☐	1.000		164529.27		P	1.0
9	☐	1.000		168843.00		P	0.3

159 Tb (ISTD) [No Gas]

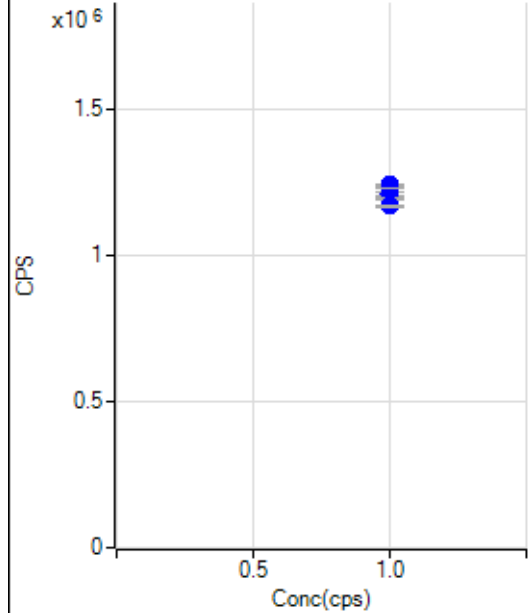
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5433418.53		A	2.9
2	☐	1.000					
3	☐	1.000		5917686.30		A	0.6
4	☐	1.000		5816426.72		A	5.0
5	☐	1.000		6159335.25		A	0.3
6	☐	1.000		6248767.27		A	1.0
7	☐	1.000		6086632.27		A	6.6
8	☐	1.000		6312374.21		A	0.7
9	☐	1.000		6126850.74		A	0.4

159 Tb (ISTD) [He]

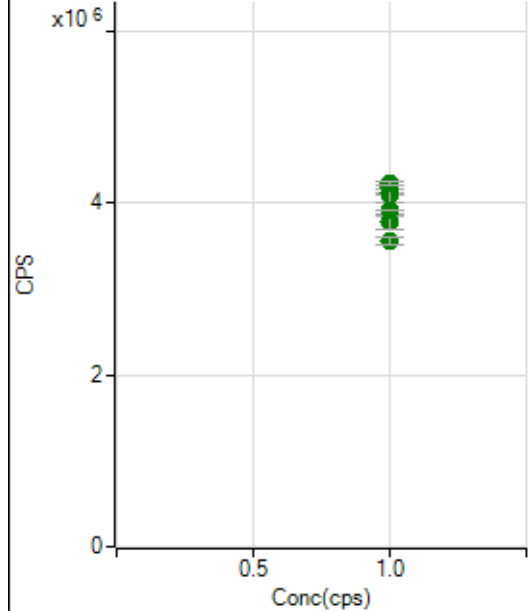
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1158440.87		P	0.4
2	☐	1.000					
3	☐	1.000		1167277.71		P	1.7
4	☐	1.000		1196407.93		P	0.7
5	☐	1.000		1192564.55		P	0.7
6	☐	1.000		1178140.67		P	0.3
7	☐	1.000		1149849.06		P	0.4
8	☐	1.000		1138091.13		P	0.3
9	☐	1.000		1118183.84		P	0.5

165 Ho (ISTD) [No Gas]

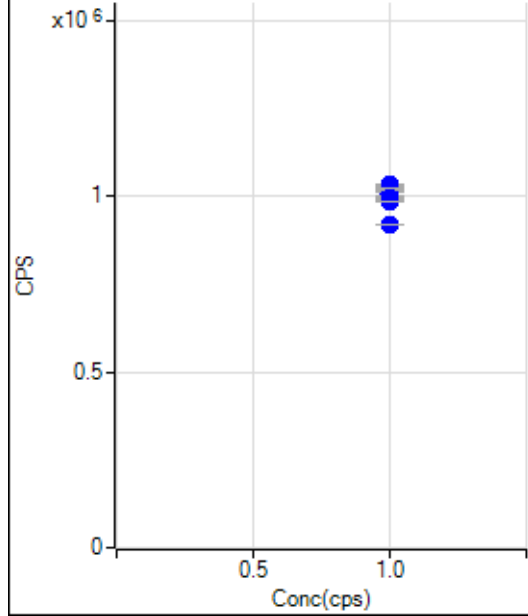
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5267366.35		A	2.5
2	☐	1.000					
3	☐	1.000		5698392.05		A	0.4
4	☐	1.000		5629781.55		A	4.7
5	☐	1.000		5952490.97		A	0.4
6	☐	1.000		6067698.31		A	0.1
7	☐	1.000		5900561.76		A	6.8
8	☐	1.000		6145797.84		A	0.6
9	☐	1.000		6018724.66		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1202313.33		P	0.3
2	☐	1.000					
3	☐	1.000		1210854.49		P	1.0
4	☐	1.000		1240371.47		P	0.6
5	☐	1.000		1243057.95		P	0.7
6	☐	1.000		1229813.46		P	0.2
7	☐	1.000		1201718.13		P	0.4
8	☐	1.000		1196619.16		P	0.5
9	☐	1.000		1171436.05		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3566226.72		A	2.2
2	☐	1.000					
3	☐	1.000		3867296.40		A	0.6
4	☐	1.000		3789004.28		A	5.0
5	☐	1.000		4109196.19		A	0.2
6	☐	1.000		4184419.59		A	0.9
7	☐	1.000		4126574.45		A	6.2
8	☐	1.000		4226207.23		A	1.0
9	☐	1.000		3918165.15		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		996243.19		P	0.1
2	☐	1.000					
3	☐	1.000		1008536.80		P	1.2
4	☐	1.000		1032673.98		P	0.6
5	☐	1.000		1028428.90		P	0.4
6	☐	1.000		1020651.28		P	0.1
7	☐	1.000		994177.20		P	0.2
8	☐	1.000		985034.53		P	0.5
9	☐	1.000		917924.61		P	0.2

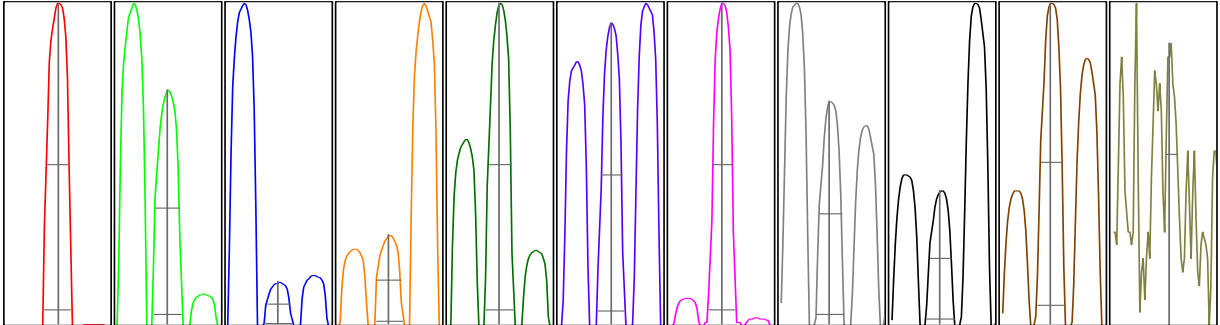
US EPA Tune Check Sample Report

Batch Folder D:\P8012318 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3932	0.91	5.00	
24	26838	0.82	5.00	
25	3518	0.73	5.00	
26	4104	0.80	5.00	
59	50091	1.03	5.00	
113	7408	0.76	5.00	
115	92485	1.00	5.00	
206	23530	1.00	5.00	
207	21102	1.31	5.00	
208	50159	0.97	5.00	
220	1	9.80		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3966	3957	3875	3926	3938
24	26927	26819	26473	26921	27049
25	3508	3512	3485	3536	3550
26	4086	4092	4070	4116	4155
59	50209	50401	49204	50485	50157
113	7470	7430	7317	7417	7404
115	93675	91965	91432	92165	93191
206	23470	23479	23200	23679	23821
207	20985	21223	20680	21230	21392
208	49894	50263	49488	50378	50773
220	1	2	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6136	9.05	8.9 - 9.1		0.787	0.900	
24	41218	24.00	23.9 - 24.1		0.833	0.900	
25	5525	25.00	24.9 - 25.1		0.791	0.900	
26	6500	26.00	25.9 - 26.1		0.787	0.900	
59	81029	59.00	58.9 - 59.1		0.822	0.900	
113	12760	113.05	112.9 - 113.1		0.777	0.900	
115	160621	115.05	114.9 - 115.1		0.771	0.900	
206	39360	205.95	205.9 - 206.1		0.788	0.900	
207	35259	206.95	206.9 - 207.1		0.819	0.900	
208	83979	207.95	207.9 - 208.1		0.818	0.900	
220	2	220.20	-				

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	10.2	V	Deflect	14.0	V
Extract 2	-220.0	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6849	0.75	
89	1525	1.16	
205	10896	0.66	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6870	6917	6777	6830	6852
89	1536	1548	1517	1503	1523
205	10954	10963	10788	10913	10862

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	10.2	V	Deflect	1.8	V
Extract 2	-220.0	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	200	V			

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:33:39	DataFile Name :	003CALB_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.27	-1.21	2.48	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.05	-0.04	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	1.19	-0.35	-0.84	0.00	N/A	ppb
Boron	11-1	-0.07	-0.06	0.13	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.07	0.06	0.00	N/A	ppb
Cadmium	106-1	-0.07	-0.88	0.94	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.06	0.08	0.00	N/A	ppb
Calcium	43-1	7.39	1.17	-8.56	0.00	N/A	ppb
Calcium	44-1	-3.23	-1.12	4.35	0.00	N/A	ppb
Chromium	52-2	0.02	0.03	-0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.00	0.45	-0.45	0.00	N/A	ppb
Iron	57-2	-1.78	-0.19	1.97	0.00	N/A	ppb
Lead	206-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.01	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	-0.09	-3.03	3.12	0.00	N/A	ppb
Manganese	55-2	-0.06	0.02	0.04	0.00	N/A	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:33:39	DataFile Name :	003CALB_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.04	-0.05	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.14	-0.11	0.00	N/A	ppb
Phosphorus	31-2	-23.65	4.50	4.94	-4.74		ppb
Potassium	39-2	15.63	-18.37	2.74	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.20	4.40	-2.20	0.00	N/A	ppb
Selenium	78-2	-0.37	1.81	-1.44	0.00	N/A	ppb
Selenium	82-1	-0.06	0.51	-0.46	0.00	N/A	ppb
Silicon	28-1	-5.36	-0.16	5.52	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	1.77	-1.93	0.16	0.00	N/A	ppb
Strontium	86-1	-0.02	-0.07	0.09	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	65.73	385.72	792.94	414.80	87.87	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.03	0.02	0.00	N/A	ppb
Uranium	238-1	0.01	0.00	-0.01	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:33:39	DataFile Name :	003CALB_P8012318 MS

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

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:40:37	DataFile Name :	005CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.50	17.54	18.58	19.21	10.67	ppb
Antimony	121-1	1.81	1.86	1.97	1.88	4.48	ppb
Arsenic	75-2	0.95	1.08	0.88	0.97	10.69	ppb
Barium	135-1	9.49	9.11	9.67	9.42	3.01	ppb
Barium	137-1	9.17	9.36	9.88	9.47	3.88	ppb
Beryllium	9-1	1.03	0.99	1.00	1.00	1.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	19.52	24.11	22.40	22.01	10.52	ppb
Boron	11-1	22.67	22.19	25.13	23.33	6.77	ppb
Cadmium	111-1	0.87	1.08	0.78	0.91	16.68	ppb
Cadmium	106-1	1.22	2.38	0.35	1.32	77.49	ppb
Cadmium	108-1	1.10	1.31	1.02	1.14	13.20	ppb
Calcium	43-1	430.98	437.40	446.72	438.37	1.81	ppb
Calcium	44-1	428.22	434.00	445.19	435.80	1.98	ppb
Chromium	52-2	1.77	2.00	1.60	1.79	11.16	ppb
Cobalt	59-2	0.88	0.85	0.95	0.89	5.72	ppb
Copper	63-2	1.65	1.90	1.61	1.72	9.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	45.99	47.29	45.37	46.22	2.12	ppb
Iron	57-2	32.54	41.26	45.91	39.90	17.02	ppb
Lead	206-1	0.87	0.93	0.88	0.89	3.88	ppb
Lead	207-1	0.89	0.79	0.84	0.84	5.78	ppb
Lead	208-1	0.87	0.87	0.87	0.87	0.23	ppb
Lithium	6-1				107		%
Magnesium	24-2	430.75	450.09	420.40	433.75	3.47	ppb
Manganese	55-2	0.81	0.90	0.85	0.85	5.72	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:40:37	DataFile Name :	005CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.45	4.54	4.49	4.49	0.99	ppb
Molybdenum	95-1	4.22	4.39	4.37	4.33	2.14	ppb
Molybdenum	96-1	4.43	4.28	4.47	4.39	2.24	ppb
Molybdenum	97-1	4.22	4.59	4.20	4.34	5.06	ppb
Molybdenum	98-1	4.46	4.42	4.34	4.41	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.80	0.78	0.74	11.96	ppb
Phosphorus	31-2	3.93	5.64	4.64	4.74	18.18	ppb
Potassium	39-2	473.29	533.41	450.39	485.69	8.83	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	4.26	4.48	-2.20	2.18	174.05	ppb
Selenium	78-2	5.99	0.75	2.95	3.23	81.48	ppb
Selenium	82-1	4.12	5.39	4.13	4.55	16.11	ppb
Silicon	28-1	4.52	5.30	8.64	6.15	35.57	ppb
Silver	109-1	1.07	0.97	0.98	1.00	5.32	ppb
Silver	107-1	1.01	0.96	0.97	0.98	2.64	ppb
Sodium	23-2	444.91	468.06	441.06	451.34	3.24	ppb
Strontium	86-1	0.77	0.93	0.88	0.86	9.81	ppb
Strontium	88-1	0.91	0.93	0.93	0.92	0.96	ppb
Sulfur	34-1	-641.54	-376.29	-226.56	-414.80		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.84	0.80	0.86	0.83	3.69	ppb
Thallium	205-1	0.90	0.93	0.88	0.90	2.82	ppb
Tin	118-1	4.78	4.85	4.83	4.82	0.75	ppb
Titanium	47-1	4.12	4.21	4.10	4.15	1.40	ppb
Uranium	238-1	0.80	0.83	0.81	0.81	1.91	ppb
Vanadium	51-2	4.50	4.43	4.46	4.46	0.83	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	1.29	1.35	2.05	1.56	26.99	ppb
Zirconium	90-1	0.86	0.92	0.90	0.89	3.73	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:40:37	DataFile Name :	005CALS_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.92	0.97	0.87	0.92	4.95	ppb

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-23 11:44:09 DataFile Name : 006CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	920.24	924.14	950.42	931.60	1.76	ppb
Antimony	121-1	51.32	57.06	53.04	53.81	5.48	ppb
Arsenic	75-2	51.21	52.48	53.27	52.32	1.99	ppb
Barium	135-1	259.54	286.15	269.00	271.56	4.97	ppb
Barium	137-1	258.30	286.24	266.97	270.50	5.29	ppb
Beryllium	9-1	54.46	60.49	57.76	57.57	5.24	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	48.67	55.27	52.84	52.26	6.39	ppb
Boron	11-1	49.98	56.25	55.57	53.93	6.37	ppb
Cadmium	111-1	53.64	59.21	55.13	55.99	5.15	ppb
Cadmium	106-1	52.15	58.31	55.38	55.28	5.57	ppb
Cadmium	108-1	54.19	60.05	51.76	55.33	7.70	ppb
Calcium	43-1	4979.91	5467.02	5034.20	5160.38	5.17	ppb
Calcium	44-1	4899.07	5414.09	5032.54	5115.23	5.23	ppb
Chromium	52-2	50.06	49.30	50.79	50.05	1.49	ppb
Cobalt	59-2	50.16	48.54	49.89	49.53	1.75	ppb
Copper	63-2	97.45	95.97	98.52	97.31	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				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	2522.30	2479.96	2542.22	2514.82	1.26	ppb
Iron	57-2	2386.89	2420.42	2437.50	2414.94	1.07	ppb
Lead	206-1	48.43	54.72	51.51	51.55	6.10	ppb
Lead	207-1	48.08	53.59	49.86	50.51	5.57	ppb
Lead	208-1	48.36	54.08	50.69	51.04	5.63	ppb
Lithium	6-1				105		%
Magnesium	24-2	4977.60	4909.49	4993.46	4960.18	0.90	ppb
Manganese	55-2	98.29	98.11	104.96	100.46	3.89	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:44:09	DataFile Name :	006CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	248.72	269.95	254.81	257.83	4.24	ppb
Molybdenum	95-1	245.89	269.91	252.76	256.18	4.83	ppb
Molybdenum	96-1	244.88	267.38	251.70	254.65	4.53	ppb
Molybdenum	97-1	246.81	271.31	252.36	256.82	5.00	ppb
Molybdenum	98-1	245.32	266.76	253.52	255.20	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.84	49.52	51.49	49.95	2.75	ppb
Phosphorus	31-2	1465.03	988.07	1069.67	1174.26	21.72	ppb
Potassium	39-2	2572.94	2555.49	2622.41	2583.61	1.34	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	77-2	63.64	50.75	17.83	44.07	53.61	ppb
Selenium	78-2	43.96	58.30	43.49	48.58	17.33	ppb
Selenium	82-1	52.33	56.88	53.05	54.09	4.53	ppb
Silicon	28-1	51.89	72.71	55.04	59.88	18.73	ppb
Silver	109-1	54.06	60.09	56.19	56.78	5.39	ppb
Silver	107-1	53.99	61.22	56.04	57.08	6.53	ppb
Sodium	23-2	5000.10	4866.10	4992.25	4952.82	1.52	ppb
Strontium	86-1	50.02	55.18	51.03	52.08	5.25	ppb
Strontium	88-1	50.35	54.50	51.63	52.16	4.08	ppb
Sulfur	34-1	681.52	2301.63	944.14	1309.10	66.42	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	48.53	54.06	50.85	51.15	5.43	ppb
Thallium	205-1	49.05	54.57	52.14	51.92	5.33	ppb
Tin	118-1	52.41	57.97	53.23	54.54	5.50	ppb
Titanium	47-1	248.44	272.95	255.47	258.95	4.87	ppb
Uranium	238-1	46.54	51.80	49.08	49.14	5.35	ppb
Vanadium	51-2	50.06	49.71	50.89	50.22	1.21	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	102.62	100.85	100.78	101.42	1.03	ppb
Zirconium	90-1	49.50	54.20	51.76	51.82	4.53	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:44:09	DataFile Name :	006CALS_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.01	52.66	50.51	50.72	3.62	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:47:41	DataFile Name :	007CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2381.08	2401.02	2383.78	2388.63	0.45	ppb
Antimony	121-1	128.95	128.23	128.18	128.45	0.33	ppb
Arsenic	75-2	126.11	126.92	126.33	126.45	0.33	ppb
Barium	135-1	651.51	654.58	648.19	651.43	0.49	ppb
Barium	137-1	650.49	645.64	656.01	650.72	0.80	ppb
Beryllium	9-1	134.35	135.76	132.64	134.25	1.16	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	118.92	127.93	130.29	125.71	4.77	ppb
Boron	11-1	127.77	133.11	130.70	130.53	2.05	ppb
Cadmium	111-1	133.05	132.41	131.89	132.45	0.44	ppb
Cadmium	106-1	135.37	131.63	132.75	133.25	1.44	ppb
Cadmium	108-1	131.61	132.55	136.79	133.65	2.06	ppb
Calcium	43-1	12032.79	12388.84	12317.02	12246.22	1.54	ppb
Calcium	44-1	12220.10	12370.30	12221.85	12270.75	0.70	ppb
Chromium	52-2	123.77	123.33	122.84	123.31	0.38	ppb
Cobalt	59-2	125.18	123.19	121.84	123.40	1.36	ppb
Copper	63-2	246.57	242.60	242.47	243.88	0.96	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				113		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	56-2	6353.81	6306.67	6336.33	6332.27	0.38	ppb
Iron	57-2	6245.33	6061.87	6071.52	6126.24	1.69	ppb
Lead	206-1	120.87	121.16	121.74	121.26	0.36	ppb
Lead	207-1	119.40	119.00	120.40	119.60	0.61	ppb
Lead	208-1	120.27	120.34	121.41	120.68	0.53	ppb
Lithium	6-1				110		%
Magnesium	24-2	12316.19	12015.71	12363.83	12231.91	1.54	ppb
Manganese	55-2	254.58	249.88	249.77	251.41	1.09	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:47:41	DataFile Name :	007CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	621.83	627.26	636.01	628.37	1.14	ppb
Molybdenum	95-1	616.27	627.38	626.01	623.22	0.97	ppb
Molybdenum	96-1	627.90	629.41	626.14	627.81	0.26	ppb
Molybdenum	97-1	607.11	615.96	616.91	613.33	0.88	ppb
Molybdenum	98-1	615.21	621.25	620.13	618.87	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.60	122.54	122.93	123.36	0.89	ppb
Phosphorus	31-2	2620.20	2443.07	2296.38	2453.21	6.61	ppb
Potassium	39-2	6295.63	6167.23	6283.93	6248.93	1.14	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				93		%
Selenium	77-2	127.22	99.96	133.16	120.11	14.74	ppb
Selenium	78-2	109.26	134.94	120.76	121.65	10.58	ppb
Selenium	82-1	124.73	126.64	130.37	127.25	2.25	ppb
Silicon	28-1	139.37	147.33	141.65	142.78	2.87	ppb
Silver	109-1	134.43	134.48	133.20	134.04	0.54	ppb
Silver	107-1	133.40	135.36	133.61	134.12	0.80	ppb
Sodium	23-2	12411.28	12176.32	12267.16	12284.92	0.96	ppb
Strontium	86-1	122.85	124.47	124.97	124.10	0.89	ppb
Strontium	88-1	126.16	128.01	125.88	126.68	0.91	ppb
Sulfur	34-1	1877.86	2207.63	1948.47	2011.32	8.63	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	122.78	121.69	123.14	122.54	0.62	ppb
Thallium	205-1	124.59	124.67	125.76	125.01	0.52	ppb
Tin	118-1	128.98	129.24	128.77	129.00	0.18	ppb
Titanium	47-1	611.02	621.57	614.01	615.53	0.88	ppb
Uranium	238-1	118.73	119.76	120.61	119.70	0.79	ppb
Vanadium	51-2	125.96	122.52	123.00	123.83	1.50	ppb
Yttrium	89-1				110		%
Yttrium	89-2				97		%
Zinc	66-2	250.31	242.75	243.57	245.54	1.69	ppb
Zirconium	90-1	123.55	124.61	124.46	124.21	0.46	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:47:41	DataFile Name :	007CALS_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	120.31	122.74	120.87	121.31	1.05	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:51:06	DataFile Name :	008CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4835.53	4841.41	4796.43	4824.45	0.51	ppb
Antimony	121-1	256.70	261.71	255.06	257.83	1.34	ppb
Arsenic	75-2	252.18	251.24	254.00	252.47	0.56	ppb
Barium	135-1	1292.79	1302.93	1272.55	1289.42	1.20	ppb
Barium	137-1	1289.89	1293.17	1266.66	1283.24	1.13	ppb
Beryllium	9-1	261.03	256.33	258.24	258.53	0.92	ppb
Bismuth	209-1				117		%
Bismuth	209-2				102		%
Boron	10-1	248.47	250.79	258.46	252.58	2.07	ppb
Boron	11-1	246.58	252.74	255.04	251.46	1.74	ppb
Cadmium	111-1	260.65	261.08	256.31	259.35	1.02	ppb
Cadmium	106-1	266.52	266.83	253.28	262.21	2.95	ppb
Cadmium	108-1	260.39	263.07	258.04	260.50	0.97	ppb
Calcium	43-1	24437.26	24695.34	24751.43	24628.01	0.68	ppb
Calcium	44-1	24355.88	24388.46	24244.37	24329.57	0.31	ppb
Chromium	52-2	251.43	258.86	258.08	256.12	1.59	ppb
Cobalt	59-2	253.10	256.89	258.17	256.05	1.03	ppb
Copper	63-2	495.85	505.72	510.98	504.18	1.52	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				115		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	56-2	12745.37	12881.32	12959.27	12861.99	0.84	ppb
Iron	57-2	12464.51	12633.81	12650.56	12582.96	0.82	ppb
Lead	206-1	242.94	248.45	244.48	245.29	1.16	ppb
Lead	207-1	239.03	245.07	241.90	242.00	1.25	ppb
Lead	208-1	244.86	250.15	246.28	247.10	1.11	ppb
Lithium	6-1				111		%
Magnesium	24-2	24833.41	25149.15	25187.06	25056.54	0.77	ppb
Manganese	55-2	506.06	523.75	518.75	516.19	1.77	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:51:06	DataFile Name :	008CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1271.50	1249.06	1257.88	1259.48	0.90	ppb
Molybdenum	95-1	1254.78	1243.05	1224.77	1240.87	1.22	ppb
Molybdenum	96-1	1267.24	1245.45	1231.15	1247.95	1.46	ppb
Molybdenum	97-1	1272.17	1243.46	1238.86	1251.50	1.44	ppb
Molybdenum	98-1	1252.22	1241.90	1222.56	1238.89	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.94	256.45	259.67	255.68	1.73	ppb
Phosphorus	31-2	5189.53	4862.53	5230.97	5094.34	3.96	ppb
Potassium	39-2	12406.76	12645.82	12829.81	12627.46	1.68	ppb
Rhodium	103-1				107		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				84		%
Selenium	77-2	255.86	270.67	178.31	234.95	21.11	ppb
Selenium	78-2	257.43	251.98	272.36	260.59	4.05	ppb
Selenium	82-1	255.24	250.96	251.80	252.67	0.90	ppb
Silicon	28-1	295.04	298.05	296.38	296.49	0.51	ppb
Silver	109-1	266.03	269.57	258.08	264.56	2.22	ppb
Silver	107-1	267.00	268.55	260.69	265.42	1.57	ppb
Sodium	23-2	25277.99	25820.65	25637.07	25578.57	1.08	ppb
Strontium	86-1	249.63	249.19	245.80	248.21	0.84	ppb
Strontium	88-1	253.73	251.76	251.87	252.45	0.44	ppb
Sulfur	34-1	4410.52	4280.19	4561.70	4417.47	3.19	ppb
Terbium	159-1				115		%
Terbium	159-2				102		%
Thallium	203-1	244.19	250.76	247.21	247.39	1.33	ppb
Thallium	205-1	246.65	251.87	250.68	249.73	1.10	ppb
Tin	118-1	256.17	258.24	254.10	256.17	0.81	ppb
Titanium	47-1	1227.30	1239.54	1238.05	1234.96	0.54	ppb
Uranium	238-1	240.46	243.74	239.74	241.31	0.88	ppb
Vanadium	51-2	252.72	253.50	256.32	254.18	0.74	ppb
Yttrium	89-1				108		%
Yttrium	89-2				92		%
Zinc	66-2	502.30	516.39	525.11	514.60	2.24	ppb
Zirconium	90-1	254.04	252.97	254.28	253.76	0.28	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:51:06	DataFile Name :	008CALS_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	245.53	243.36	242.15	243.68	0.70	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:54:26	DataFile Name :	009CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9359.45	9527.05	9512.44	9466.32	0.98	ppb
Antimony	121-1	501.08	508.64	568.58	526.10	7.03	ppb
Arsenic	75-2	503.76	508.27	501.45	504.49	0.69	ppb
Barium	135-1	2514.68	2513.22	2847.34	2625.08	7.33	ppb
Barium	137-1	2513.85	2479.69	2831.16	2608.23	7.43	ppb
Beryllium	9-1	504.57	502.43	555.36	520.79	5.75	ppb
Bismuth	209-1				116		%
Bismuth	209-2				100		%
Boron	10-1	475.42	488.95	528.12	497.50	5.50	ppb
Boron	11-1	481.88	496.89	558.01	512.26	7.87	ppb
Cadmium	111-1	507.16	504.01	567.90	526.36	6.84	ppb
Cadmium	106-1	505.48	510.74	570.60	528.94	6.84	ppb
Cadmium	108-1	502.07	499.61	563.82	521.83	6.97	ppb
Calcium	43-1	49368.76	49500.80	55203.53	51357.69	6.49	ppb
Calcium	44-1	48760.22	48459.63	54038.01	50419.29	6.22	ppb
Chromium	52-2	487.62	508.67	501.06	499.12	2.14	ppb
Cobalt	59-2	491.35	505.49	504.49	500.44	1.58	ppb
Copper	63-2	972.27	1005.04	1000.66	992.66	1.79	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				112		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				87		%
Iron	56-2	24474.63	25267.14	25240.17	24993.98	1.80	ppb
Iron	57-2	24087.24	25044.76	24696.89	24609.63	1.97	ppb
Lead	206-1	496.02	494.90	563.60	518.17	7.59	ppb
Lead	207-1	502.55	496.30	558.10	518.98	6.56	ppb
Lead	208-1	497.83	493.60	557.31	516.24	6.90	ppb
Lithium	6-1				105		%
Magnesium	24-2	48107.32	49442.70	48911.72	48820.58	1.38	ppb
Manganese	55-2	978.44	1005.97	999.23	994.54	1.44	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:54:26	DataFile Name :	009CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2460.91	2515.59	2793.36	2589.95	6.88	ppb
Molybdenum	95-1	2468.52	2501.32	2783.51	2584.45	6.70	ppb
Molybdenum	96-1	2469.58	2516.98	2765.36	2583.97	6.15	ppb
Molybdenum	97-1	2477.24	2523.24	2782.73	2594.40	6.35	ppb
Molybdenum	98-1	2447.04	2505.46	2765.34	2572.61	6.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.81	514.36	510.44	505.20	2.50	ppb
Phosphorus	31-2	9684.23	10099.05	10487.56	10090.28	3.98	ppb
Potassium	39-2	23759.87	24530.90	24194.54	24161.77	1.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				78		%
Selenium	77-2	608.80	430.04	481.52	506.79	18.16	ppb
Selenium	78-2	506.38	517.15	518.52	514.02	1.29	ppb
Selenium	82-1	496.38	507.10	558.25	520.57	6.35	ppb
Silicon	28-1	507.00	507.75	581.34	532.03	8.03	ppb
Silver	109-1	516.94	506.79	575.19	532.97	6.93	ppb
Silver	107-1	515.71	508.10	573.45	532.42	6.71	ppb
Sodium	23-2	48748.75	50330.98	50575.15	49884.96	1.99	ppb
Strontium	86-1	489.38	495.08	552.64	512.37	6.83	ppb
Strontium	88-1	495.53	499.61	556.62	517.25	6.60	ppb
Sulfur	34-1	9474.34	9271.88	12132.42	10292.88	15.51	ppb
Terbium	159-1				112		%
Terbium	159-2				99		%
Thallium	203-1	500.45	494.79	563.94	519.73	7.39	ppb
Thallium	205-1	495.97	491.63	557.23	514.94	7.12	ppb
Tin	118-1	508.86	506.31	571.84	529.00	7.02	ppb
Titanium	47-1	2476.95	2478.51	2748.48	2567.98	6.09	ppb
Uranium	238-1	490.58	486.72	553.92	510.41	7.39	ppb
Vanadium	51-2	487.07	502.00	500.75	496.61	1.67	ppb
Yttrium	89-1				101		%
Yttrium	89-2				85		%
Zinc	66-2	981.47	1032.90	1016.02	1010.13	2.60	ppb
Zirconium	90-1	496.69	495.60	556.73	516.34	6.77	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:54:26	DataFile Name :	009CALS_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.09	491.31	546.85	508.42	6.56	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:57:42	DataFile Name :	010CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18575.44	19653.47	18536.14	18921.68	3.35	ppb
Antimony	121-1	990.22	981.09	981.81	984.37	0.52	ppb
Arsenic	75-2	989.99	1006.31	994.21	996.84	0.85	ppb
Barium	135-1	4969.18	4926.60	4873.89	4923.22	0.97	ppb
Barium	137-1	4979.57	4922.22	4898.22	4933.34	0.85	ppb
Beryllium	9-1	1002.38	978.79	976.64	985.94	1.45	ppb
Bismuth	209-1				119		%
Bismuth	209-2				99		%
Boron	10-1	1001.39	992.40	1007.64	1000.48	0.77	ppb
Boron	11-1	988.63	981.67	1007.69	992.66	1.36	ppb
Cadmium	111-1	989.22	981.97	978.59	983.26	0.55	ppb
Cadmium	106-1	990.57	982.42	970.55	981.18	1.03	ppb
Cadmium	108-1	990.26	991.26	973.81	985.11	0.99	ppb
Calcium	43-1	100643.45	98654.41	97497.68	98931.85	1.61	ppb
Calcium	44-1	99562.38	97041.19	96625.01	97742.86	1.63	ppb
Chromium	52-2	990.06	1016.14	991.16	999.12	1.48	ppb
Cobalt	59-2	990.24	1016.71	988.51	998.49	1.58	ppb
Copper	63-2	1986.35	2039.11	1985.12	2003.53	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				83		%
Iron	56-2	49810.82	51203.17	49812.91	50275.64	1.60	ppb
Iron	57-2	48964.20	50218.25	49148.28	49443.58	1.37	ppb
Lead	206-1	999.62	980.18	997.65	992.48	1.08	ppb
Lead	207-1	997.11	980.88	1001.48	993.16	1.09	ppb
Lead	208-1	998.74	983.97	996.56	993.09	0.80	ppb
Lithium	6-1				104		%
Magnesium	24-2	97691.94	100542.35	98598.97	98944.42	1.47	ppb
Manganese	55-2	1978.94	2047.80	1968.70	1998.48	2.15	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:57:42	DataFile Name :	010CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5034.01	4960.13	4861.39	4951.84	1.75	ppb
Molybdenum	95-1	5016.29	4999.83	4863.80	4959.97	1.69	ppb
Molybdenum	96-1	5029.42	5014.53	4829.88	4957.94	2.24	ppb
Molybdenum	97-1	5051.19	4965.35	4844.08	4953.54	2.10	ppb
Molybdenum	98-1	5030.52	4996.14	4874.27	4966.98	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	984.60	1019.38	984.58	996.19	2.02	ppb
Phosphorus	31-2	20088.43	20055.17	19641.63	19928.41	1.25	ppb
Potassium	39-2	47428.06	48645.22	47998.15	48023.81	1.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				76		%
Selenium	77-2	1032.50	1123.15	848.23	1001.29	13.99	ppb
Selenium	78-2	991.51	998.74	982.28	990.84	0.83	ppb
Selenium	82-1	1000.03	991.92	973.74	988.56	1.36	ppb
Silicon	28-1	991.79	974.68	942.58	969.68	2.58	ppb
Silver	109-1	983.24	979.39	972.58	978.40	0.55	ppb
Silver	107-1	989.00	976.22	970.10	978.44	0.99	ppb
Sodium	23-2	96958.65	100789.02	96811.88	98186.52	2.30	ppb
Strontium	86-1	1007.75	991.87	983.20	994.27	1.25	ppb
Strontium	88-1	1006.70	992.41	972.21	990.44	1.75	ppb
Sulfur	34-1	20727.14	20137.16	19270.17	20044.82	3.66	ppb
Terbium	159-1				116		%
Terbium	159-2				98		%
Thallium	203-1	1001.36	976.15	995.62	991.04	1.33	ppb
Thallium	205-1	1001.22	989.54	986.74	992.50	0.77	ppb
Tin	118-1	984.74	978.24	986.71	983.23	0.45	ppb
Titanium	47-1	5051.45	4962.19	4897.88	4970.51	1.55	ppb
Uranium	238-1	999.91	986.93	1006.19	997.67	0.98	ppb
Vanadium	51-2	988.50	1020.65	993.22	1000.79	1.73	ppb
Yttrium	89-1				102		%
Yttrium	89-2				83		%
Zinc	66-2	1941.62	2041.00	1992.69	1991.77	2.49	ppb
Zirconium	90-1	1001.77	1005.51	965.41	990.90	2.24	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:57:42	DataFile Name :	010CALS_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1008.29	1006.65	978.45	997.80	1.68	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:00:56	DataFile Name :	011CALS_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100265.61	99154.71	101423.51	100281.28	1.13	ppb
Antimony	121-1	1.40	1.47	1.37	1.41	3.69	ppb
Arsenic	75-2	0.37	0.29	0.35	0.33	12.99	ppb
Barium	135-1	1.25	1.21	1.13	1.20	5.11	ppb
Barium	137-1	1.39	1.34	1.14	1.29	10.16	ppb
Beryllium	9-1	0.74	0.65	0.76	0.72	8.42	ppb
Bismuth	209-1				110		%
Bismuth	209-2				92		%
Boron	10-1	61.99	53.27	53.10	56.12	9.06	ppb
Boron	11-1	59.81	56.22	50.71	55.58	8.24	ppb
Cadmium	111-1	0.09	0.07	0.09	0.09	13.77	ppb
Cadmium	106-1	-0.50	-1.34	-0.86	-0.90		ppb
Cadmium	108-1	0.19	0.31	0.14	0.22	40.89	ppb
Calcium	43-1	498106.53	501884.18	500313.08	500101.26	0.38	ppb
Calcium	44-1	496026.44	503738.45	501578.10	500447.66	0.79	ppb
Chromium	52-2	9.31	9.04	9.11	9.15	1.54	ppb
Cobalt	59-2	1.00	1.01	1.09	1.03	4.39	ppb
Copper	63-2	2.06	2.07	2.04	2.06	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				85		%
Iron	56-2	247984.61	250719.04	251071.86	249925.17	0.68	ppb
Iron	57-2	247936.10	249966.57	252547.69	250150.12	0.92	ppb
Lead	206-1	1.73	1.72	1.76	1.74	1.41	ppb
Lead	207-1	1.52	1.68	1.56	1.59	5.30	ppb
Lead	208-1	1.62	1.64	1.65	1.64	0.81	ppb
Lithium	6-1				102		%
Magnesium	24-2	496966.57	499558.81	504474.82	500333.40	0.76	ppb
Manganese	55-2	4.61	5.18	4.82	4.87	5.98	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:00:56	DataFile Name :	011CAL5_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.87	1.94	1.66	1.82	8.03	ppb
Molybdenum	95-1	2.31	2.31	2.10	2.24	5.42	ppb
Molybdenum	96-1	2.55	2.50	2.68	2.58	3.62	ppb
Molybdenum	97-1	2.47	2.18	2.28	2.31	6.46	ppb
Molybdenum	98-1	2.20	2.09	2.01	2.10	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	5.34	5.54	5.44	1.82	ppb
Phosphorus	31-2	11.76	12.30	-23.65	0.14	14971.85	ppb
Potassium	39-2	246658.13	251534.73	253222.87	250471.91	1.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				85		%
Scandium	45-1				97		%
Scandium	45-2				79		%
Selenium	77-2	-2.20	-2.20	5.64	0.41	1093.82	ppb
Selenium	78-2	-0.19	2.39	-1.44	0.25	768.95	ppb
Selenium	82-1	0.20	2.20	0.36	0.92	121.40	ppb
Silicon	28-1	94.83	105.14	107.22	102.40	6.48	ppb
Silver	109-1	0.09	0.09	0.08	0.08	7.82	ppb
Silver	107-1	0.07	0.08	0.05	0.07	20.50	ppb
Sodium	23-2	497348.71	498732.98	504971.81	500351.17	0.81	ppb
Strontium	86-1	33.46	33.62	33.50	33.53	0.25	ppb
Strontium	88-1	33.69	33.30	33.56	33.52	0.58	ppb
Sulfur	34-1	-1979.48	-1539.40	-1393.46	-1637.45		ppb
Terbium	159-1				113		%
Terbium	159-2				97		%
Thallium	203-1	0.46	0.40	0.40	0.42	8.13	ppb
Thallium	205-1	0.44	0.36	0.36	0.38	11.80	ppb
Tin	118-1	0.93	0.97	0.91	0.94	3.09	ppb
Titanium	47-1	0.65	0.69	0.87	0.74	16.14	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	18.38	ppb
Vanadium	51-2	0.16	0.16	0.19	0.17	11.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				85		%
Zinc	66-2	5.33	6.60	4.92	5.62	15.62	ppb
Zirconium	90-1	0.15	0.16	0.17	0.16	8.27	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:00:56	DataFile Name :	011CALS_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.17	0.13	0.16	12.97	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:16:08	DataFile Name :	012ICV_P8012318 MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	505.35	496.23	470.39	490.66	3.70	ppb
Antimony	121-1	196.07	196.38	197.19	196.54	0.29	ppb
Arsenic	75-2	199.30	199.48	196.08	198.29	0.96	ppb
Barium	135-1	99.68	100.88	101.88	100.81	1.09	ppb
Barium	137-1	100.07	100.52	101.05	100.54	0.49	ppb
Beryllium	9-1	98.88	101.32	99.89	100.03	1.23	ppb
Bismuth	209-1				118		%
Bismuth	209-2				101		%
Boron	10-1	425.30	451.63	441.42	439.45	3.02	ppb
Boron	11-1	432.84	446.22	455.37	444.81	2.55	ppb
Cadmium	111-1	104.16	104.35	103.71	104.08	0.32	ppb
Cadmium	106-1	151.62	159.17	158.16	156.32	2.62	ppb
Cadmium	108-1	128.56	136.17	134.94	133.22	3.07	ppb
Calcium	43-1	2097.76	2057.40	2011.45	2055.54	2.10	ppb
Calcium	44-1	2019.77	1980.24	1974.66	1991.55	1.23	ppb
Chromium	52-2	96.12	93.82	95.93	95.29	1.34	ppb
Cobalt	59-2	100.35	97.13	97.92	98.46	1.70	ppb
Copper	63-2	98.24	93.40	98.18	96.61	2.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				99		%
Indium	115-1				107		%
Indium	115-2				91		%
Iron	56-2	999.18	956.58	979.45	978.40	2.18	ppb
Iron	57-2	977.99	941.25	969.45	962.90	2.00	ppb
Lead	206-1	191.71	192.77	191.07	191.85	0.45	ppb
Lead	207-1	181.76	183.60	182.27	182.54	0.52	ppb
Lead	208-1	191.07	191.42	190.62	191.04	0.21	ppb
Lithium	6-1				108		%
Magnesium	24-2	1183.41	1158.39	1126.19	1155.99	2.48	ppb
Manganese	55-2	99.14	94.05	98.82	97.33	2.93	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:16:08	DataFile Name :	012ICV_P8012318 MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1064.09	1043.99	1039.64	1049.24	1.24	ppb
Molybdenum	95-1	454.59	451.16	453.27	453.01	0.38	ppb
Molybdenum	96-1	529.21	528.48	536.15	531.28	0.80	ppb
Molybdenum	97-1	450.41	455.69	451.69	452.60	0.61	ppb
Molybdenum	98-1	457.53	459.54	461.10	459.39	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.30	95.92	98.60	98.61	2.73	ppb
Phosphorus	31-2	-23.65	-23.65	-23.65	-23.65		ppb
Potassium	39-2	1894.36	1901.01	1968.11	1921.16	2.12	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				85		%
Selenium	77-2	212.00	151.43	240.74	201.39	22.64	ppb
Selenium	78-2	222.85	187.10	196.74	202.23	9.15	ppb
Selenium	82-1	197.73	197.05	198.13	197.64	0.27	ppb
Silicon	28-1	453.41	437.94	434.95	442.10	2.24	ppb
Silver	109-1	102.25	101.72	102.25	102.07	0.30	ppb
Silver	107-1	102.32	102.42	103.54	102.76	0.66	ppb
Sodium	23-2	1966.60	1923.76	1946.90	1945.75	1.10	ppb
Strontium	86-1	448.95	454.24	453.27	452.15	0.62	ppb
Strontium	88-1	450.46	454.05	455.25	453.26	0.55	ppb
Sulfur	34-1	-1016.84	-1700.94	-1579.52	-1432.43		ppb
Terbium	159-1				112		%
Terbium	159-2				99		%
Thallium	203-1	194.96	194.39	194.54	194.63	0.15	ppb
Thallium	205-1	200.87	199.97	198.93	199.92	0.49	ppb
Tin	118-1	485.74	481.66	482.02	483.14	0.47	ppb
Titanium	47-1	465.37	457.28	460.52	461.06	0.88	ppb
Uranium	238-1	451.10	451.54	449.87	450.84	0.19	ppb
Vanadium	51-2	98.25	93.25	97.01	96.17	2.71	ppb
Yttrium	89-1				105		%
Yttrium	89-2				90		%
Zinc	66-2	198.30	190.54	195.36	194.74	2.01	ppb
Zirconium	90-1	475.05	473.31	471.06	473.14	0.42	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:16:08	DataFile Name :	012ICV_P8012318 MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	462.97	458.86	463.50	461.77	0.55	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:26:04	DataFile Name :	013CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.78	-4.78	-2.77	-4.11		ppb
Antimony	121-1	0.12	0.09	0.09	0.10	14.93	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	335.67	ppb
Barium	135-1	-0.03	-0.01	-0.03	-0.02		ppb
Barium	137-1	-0.03	-0.05	-0.03	-0.04		ppb
Beryllium	9-1	0.12	0.15	0.14	0.13	11.75	ppb
Bismuth	209-1				120		%
Bismuth	209-2				100		%
Boron	10-1	9.54	7.50	8.80	8.61	11.96	ppb
Boron	11-1	9.51	9.05	8.21	8.92	7.40	ppb
Cadmium	111-1	-0.09	-0.16	-0.08	-0.11		ppb
Cadmium	106-1	-1.21	-2.20	-0.95	-1.46		ppb
Cadmium	108-1	-0.02	0.02	-0.02	-0.01		ppb
Calcium	43-1	-5.60	-5.17	-7.03	-5.94		ppb
Calcium	44-1	-20.27	-18.22	-19.92	-19.47		ppb
Chromium	52-2	-0.09	-0.11	-0.08	-0.09		ppb
Cobalt	59-2	0.00	0.02	-0.02	0.00		ppb
Copper	63-2	0.03	0.02	-0.02	0.01	238.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				98		%
Indium	115-1				110		%
Indium	115-2				93		%
Iron	56-2	1.53	1.77	1.16	1.49	20.69	ppb
Iron	57-2	1.51	-1.09	2.09	0.84	202.37	ppb
Lead	206-1	0.01	0.01	0.00	0.00	164.52	ppb
Lead	207-1	0.00	-0.02	0.00	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				110		%
Magnesium	24-2	-1.70	-1.40	-1.28	-1.46		ppb
Manganese	55-2	0.02	-0.06	-0.05	-0.03		ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:26:04	DataFile Name :	013CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.01	93.75	ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	84.14	ppb
Molybdenum	97-1	-0.01	0.02	0.02	0.01	221.66	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	420.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.37	-0.63	-0.43		ppb
Phosphorus	31-2	8.14	11.56	-23.65	-1.32		ppb
Potassium	39-2	6.98	15.95	22.70	15.21	51.86	ppb
Rhodium	103-1				108		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				86		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-0.30	-0.15	-0.26	-0.24		ppb
Selenium	82-1	0.36	0.31	-0.69	-0.01		ppb
Silicon	28-1	-30.41	-32.01	-32.17	-31.53		ppb
Silver	109-1	0.01	0.00	0.01	0.01	44.55	ppb
Silver	107-1	0.01	0.00	0.01	0.01	86.37	ppb
Sodium	23-2	23.24	39.95	30.07	31.08	27.03	ppb
Strontium	86-1	0.00	-0.05	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	478.18	ppb
Sulfur	34-1	-1601.76	-1355.52	-1644.27	-1533.85		ppb
Terbium	159-1				115		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.68	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	19.29	ppb
Tin	118-1	0.02	0.00	0.01	0.01	116.41	ppb
Titanium	47-1	-0.04	-0.07	-0.04	-0.05		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	0.00	-0.01	-0.01		ppb
Yttrium	89-1				108		%
Yttrium	89-2				90		%
Zinc	66-2	-0.06	0.15	0.04	0.04	242.70	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	247.74	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:26:04	DataFile Name :	013CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.02	0.01	116.76	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:30:13	DataFile Name :	014ICSA_P8012318 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89203.97	89652.24	89670.93	89509.05	0.30	ppb
Antimony	121-1	1.24	1.13	1.22	1.20	4.72	ppb
Arsenic	75-2	0.38	0.29	0.46	0.37	22.52	ppb
Barium	135-1	1.42	1.54	1.54	1.50	4.71	ppb
Barium	137-1	1.47	1.53	1.55	1.52	2.74	ppb
Beryllium	9-1	0.26	0.35	0.42	0.34	23.27	ppb
Bismuth	209-1				117		%
Bismuth	209-2				99		%
Boron	10-1	9.06	7.49	7.34	7.96	12.02	ppb
Boron	11-1	10.36	9.15	8.77	9.43	8.78	ppb
Cadmium	111-1	0.07	0.25	0.19	0.17	55.29	ppb
Cadmium	106-1	-2.39	-1.22	-0.79	-1.47		ppb
Cadmium	108-1	8.11	7.92	6.80	7.61	9.31	ppb
Calcium	43-1	101270.90	99833.39	99488.45	100197.58	0.94	ppb
Calcium	44-1	99744.26	97657.92	97947.14	98449.77	1.15	ppb
Chromium	52-2	19.54	19.96	19.35	19.62	1.59	ppb
Cobalt	59-2	1.24	0.99	1.08	1.10	11.48	ppb
Copper	63-2	7.54	7.36	7.47	7.46	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				92		%
Iron	56-2	98293.32	99384.17	98991.71	98889.74	0.56	ppb
Iron	57-2	95972.48	97580.79	98153.19	97235.49	1.16	ppb
Lead	206-1	4.78	4.73	4.80	4.77	0.72	ppb
Lead	207-1	4.08	3.90	4.18	4.06	3.46	ppb
Lead	208-1	4.47	4.29	4.43	4.40	2.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	96933.72	97250.77	99582.68	97922.39	1.48	ppb
Manganese	55-2	8.06	7.40	8.28	7.92	5.78	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:30:13	DataFile Name :	014ICSA_P8012318 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1389.95	1357.30	1377.15	1374.80	1.20	ppb
Molybdenum	95-1	1928.31	1942.11	1929.95	1933.46	0.39	ppb
Molybdenum	96-1	1870.17	1857.22	1878.72	1868.70	0.58	ppb
Molybdenum	97-1	1974.63	1961.49	1942.37	1959.50	0.83	ppb
Molybdenum	98-1	1930.34	1927.19	1941.19	1932.91	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.85	4.40	4.18	4.14	6.65	ppb
Phosphorus	31-2	102330.13	100327.27	98829.20	100495.53	1.75	ppb
Potassium	39-2	97550.50	97238.10	98179.41	97656.01	0.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				86		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-0.25	-1.44	-0.25	-0.65		ppb
Selenium	82-1	0.47	-0.46	0.26	0.09	552.99	ppb
Silicon	28-1	5.55	2.70	2.44	3.56	48.40	ppb
Silver	109-1	0.07	0.08	0.06	0.07	9.39	ppb
Silver	107-1	0.07	0.08	0.07	0.07	11.14	ppb
Sodium	23-2	95724.78	96756.84	97442.19	96641.27	0.89	ppb
Strontium	86-1	33.12	33.93	33.60	33.55	1.22	ppb
Strontium	88-1	33.82	33.94	34.00	33.92	0.26	ppb
Sulfur	34-1	101071.52	99910.66	97894.33	99625.50	1.61	ppb
Terbium	159-1				116		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.11	0.14	0.11	29.05	ppb
Thallium	205-1	0.12	0.10	0.12	0.11	8.22	ppb
Tin	118-1	0.12	0.17	0.17	0.15	17.02	ppb
Titanium	47-1	2058.43	2001.52	2014.72	2024.89	1.47	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.11	0.12	0.15	0.13	14.55	ppb
Yttrium	89-1				108		%
Yttrium	89-2				91		%
Zinc	66-2	11.94	10.38	11.65	11.32	7.30	ppb
Zirconium	90-1	0.03	0.04	0.01	0.03	51.10	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:30:13	DataFile Name :	014ICSA_P8012318 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.07	0.05	22.04	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:33:21	DataFile Name :	015ICSB_P8012318 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91992.86	90585.62	94421.43	92333.30	2.10	ppb
Antimony	121-1	21.39	20.81	21.05	21.08	1.37	ppb
Arsenic	75-2	19.47	20.70	21.26	20.48	4.46	ppb
Barium	135-1	22.80	21.97	21.46	22.08	3.07	ppb
Barium	137-1	22.18	22.06	22.18	22.14	0.32	ppb
Beryllium	9-1	21.52	21.40	21.08	21.33	1.07	ppb
Bismuth	209-1				117		%
Bismuth	209-2				97		%
Boron	10-1	68.01	70.62	72.31	70.31	3.08	ppb
Boron	11-1	69.70	68.48	69.93	69.37	1.12	ppb
Cadmium	111-1	20.92	20.50	20.20	20.54	1.75	ppb
Cadmium	106-1	23.83	25.10	26.86	25.26	6.01	ppb
Cadmium	108-1	30.06	28.95	29.13	29.38	2.03	ppb
Calcium	43-1	101608.08	98217.13	100386.07	100070.43	1.72	ppb
Calcium	44-1	99895.95	96777.21	98041.84	98238.33	1.60	ppb
Chromium	52-2	39.14	39.27	42.26	40.22	4.39	ppb
Cobalt	59-2	21.98	21.43	22.03	21.81	1.53	ppb
Copper	63-2	27.60	27.31	28.64	27.85	2.52	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				118		%
Holmium	165-2				100		%
Indium	115-1				111		%
Indium	115-2				90		%
Iron	56-2	100851.32	100634.34	104549.29	102011.65	2.16	ppb
Iron	57-2	98974.24	98588.73	102794.94	100119.30	2.32	ppb
Lead	206-1	25.11	25.03	25.16	25.10	0.27	ppb
Lead	207-1	23.12	22.62	22.74	22.83	1.14	ppb
Lead	208-1	23.89	23.65	23.92	23.82	0.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	100489.64	99608.75	102805.79	100968.06	1.64	ppb
Manganese	55-2	26.80	28.42	29.45	28.22	4.74	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:33:21	DataFile Name :	015ICSB_P8012318 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1482.80	1479.73	1487.58	1483.37	0.27	ppb
Molybdenum	95-1	2008.12	1994.96	1977.90	1993.66	0.76	ppb
Molybdenum	96-1	1926.28	1929.89	1925.69	1927.29	0.12	ppb
Molybdenum	97-1	2007.67	2010.04	1978.45	1998.72	0.88	ppb
Molybdenum	98-1	1990.85	1961.23	1959.94	1970.67	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.88	23.81	26.06	24.92	4.51	ppb
Phosphorus	31-2	99580.11	103260.36	103591.81	102144.09	2.18	ppb
Potassium	39-2	99359.73	98428.88	102921.63	100236.75	2.37	ppb
Rhodium	103-1				105		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				82		%
Selenium	77-2	19.94	41.88	20.90	27.57	44.96	ppb
Selenium	78-2	17.94	16.65	14.98	16.52	8.98	ppb
Selenium	82-1	19.89	20.63	19.62	20.05	2.60	ppb
Silicon	28-1	72.28	63.36	69.86	68.50	6.73	ppb
Silver	109-1	19.42	19.26	19.37	19.35	0.41	ppb
Silver	107-1	19.73	19.26	19.49	19.49	1.19	ppb
Sodium	23-2	98693.26	98384.70	103154.87	100077.61	2.67	ppb
Strontium	86-1	89.11	88.10	87.45	88.22	0.95	ppb
Strontium	88-1	90.06	89.01	88.86	89.31	0.73	ppb
Sulfur	34-1	100328.96	95818.98	98099.49	98082.48	2.30	ppb
Terbium	159-1				118		%
Terbium	159-2				99		%
Thallium	203-1	20.45	20.18	20.86	20.50	1.66	ppb
Thallium	205-1	20.50	20.42	20.74	20.55	0.80	ppb
Tin	118-1	56.55	55.64	55.26	55.82	1.19	ppb
Titanium	47-1	2069.03	1996.83	2047.46	2037.77	1.82	ppb
Uranium	238-1	55.61	53.63	55.41	54.88	1.99	ppb
Vanadium	51-2	19.68	19.00	20.44	19.71	3.65	ppb
Yttrium	89-1				109		%
Yttrium	89-2				89		%
Zinc	66-2	32.75	33.54	32.89	33.06	1.28	ppb
Zirconium	90-1	58.18	57.17	57.30	57.55	0.95	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:33:21	DataFile Name :	015ICSB_P8012318 MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	56.59	56.50	56.67	56.59	0.15	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:42:02	DataFile Name :	017CCV_P8012318 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47240.14	47706.92	48103.52	47683.53	0.91	ppb
Antimony	121-1	499.18	495.88	500.18	498.41	0.45	ppb
Arsenic	75-2	494.51	492.50	494.67	493.89	0.24	ppb
Barium	135-1	2486.48	2541.93	2545.42	2524.61	1.31	ppb
Barium	137-1	2478.47	2495.22	2504.73	2492.81	0.53	ppb
Beryllium	9-1	515.08	512.23	519.08	515.47	0.67	ppb
Bismuth	209-1				114		%
Bismuth	209-2				97		%
Boron	10-1	511.04	502.37	536.81	516.74	3.47	ppb
Boron	11-1	514.67	516.04	530.69	520.46	1.71	ppb
Cadmium	111-1	484.55	484.00	487.17	485.24	0.35	ppb
Cadmium	106-1	484.83	481.31	489.73	485.29	0.87	ppb
Cadmium	108-1	489.37	494.98	492.74	492.36	0.57	ppb
Calcium	43-1	244754.23	242295.82	241033.95	242694.67	0.78	ppb
Calcium	44-1	241463.79	240270.12	239170.05	240301.32	0.48	ppb
Chromium	52-2	481.62	494.14	494.79	490.19	1.51	ppb
Cobalt	59-2	469.69	479.97	480.90	476.85	1.30	ppb
Copper	63-2	906.21	924.49	922.73	917.81	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				90		%
Iron	56-2	116269.47	119255.98	118819.67	118115.04	1.37	ppb
Iron	57-2	114161.35	116708.97	117108.42	115992.92	1.38	ppb
Lead	206-1	495.97	500.93	508.42	501.77	1.25	ppb
Lead	207-1	495.04	496.73	503.90	498.56	0.94	ppb
Lead	208-1	493.95	501.08	505.63	500.22	1.18	ppb
Lithium	6-1				105		%
Magnesium	24-2	234052.07	242812.53	239034.61	238633.07	1.84	ppb
Manganese	55-2	955.46	975.68	982.60	971.25	1.45	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:42:02	DataFile Name :	017CCV_P8012318 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2452.00	2457.25	2498.94	2469.40	1.04	ppb
Molybdenum	95-1	2440.86	2419.56	2481.98	2447.47	1.30	ppb
Molybdenum	96-1	2454.52	2422.68	2488.11	2455.10	1.33	ppb
Molybdenum	97-1	2465.32	2425.51	2487.67	2459.50	1.28	ppb
Molybdenum	98-1	2438.32	2403.35	2497.42	2446.36	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.89	474.63	476.97	472.17	1.36	ppb
Phosphorus	31-2	9340.92	10099.03	9975.69	9805.21	4.15	ppb
Potassium	39-2	120687.31	121464.43	121559.18	121236.98	0.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				85		%
Selenium	77-2	405.95	505.84	516.87	476.22	12.83	ppb
Selenium	78-2	459.17	444.53	478.60	460.77	3.71	ppb
Selenium	82-1	486.77	476.33	495.75	486.28	2.00	ppb
Silicon	28-1	540.45	529.28	537.11	535.61	1.07	ppb
Silver	109-1	490.91	492.56	495.26	492.91	0.45	ppb
Silver	107-1	486.53	489.66	494.53	490.24	0.82	ppb
Sodium	23-2	236646.07	241055.22	241706.64	239802.64	1.15	ppb
Strontium	86-1	499.26	492.96	506.45	499.56	1.35	ppb
Strontium	88-1	501.30	496.86	510.33	502.83	1.36	ppb
Sulfur	34-1	9460.97	9042.83	9260.15	9254.65	2.26	ppb
Terbium	159-1				116		%
Terbium	159-2				100		%
Thallium	203-1	495.63	500.32	507.31	501.09	1.17	ppb
Thallium	205-1	488.89	496.57	501.17	495.55	1.25	ppb
Tin	118-1	496.42	499.37	503.63	499.81	0.73	ppb
Titanium	47-1	2492.96	2460.49	2448.74	2467.40	0.93	ppb
Uranium	238-1	495.41	500.90	505.46	500.59	1.00	ppb
Vanadium	51-2	484.03	491.60	493.94	489.86	1.06	ppb
Yttrium	89-1				107		%
Yttrium	89-2				90		%
Zinc	66-2	925.27	947.65	952.38	941.77	1.54	ppb
Zirconium	90-1	495.51	490.37	503.14	496.34	1.29	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:42:02	DataFile Name :	017CCV_P8012318 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	478.09	476.05	488.79	480.98	1.42	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:45:38	DataFile Name :	018CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.58	-0.49	1.65	0.19	653.07	ppb
Antimony	121-1	0.42	0.43	0.46	0.44	5.37	ppb
Arsenic	75-2	0.01	0.07	0.01	0.03	100.23	ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.02		ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.42	0.35	0.49	0.42	17.44	ppb
Bismuth	209-1				120		%
Bismuth	209-2				102		%
Boron	10-1	21.26	19.04	17.47	19.26	9.90	ppb
Boron	11-1	19.96	18.72	17.06	18.58	7.82	ppb
Cadmium	111-1	-0.04	-0.14	-0.03	-0.07		ppb
Cadmium	106-1	-1.03	-2.22	-0.65	-1.30		ppb
Cadmium	108-1	-0.06	-0.02	0.06	-0.01		ppb
Calcium	43-1	-3.69	-7.24	-13.70	-8.21		ppb
Calcium	44-1	-21.25	-17.96	-19.89	-19.70		ppb
Chromium	52-2	0.07	-0.10	-0.05	-0.03		ppb
Cobalt	59-2	0.03	0.00	-0.01	0.01	360.16	ppb
Copper	63-2	0.08	0.02	0.03	0.04	75.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				100		%
Indium	115-1				110		%
Indium	115-2				93		%
Iron	56-2	6.16	6.84	6.67	6.56	5.38	ppb
Iron	57-2	7.81	2.49	6.80	5.70	49.56	ppb
Lead	206-1	0.04	0.05	0.05	0.05	17.87	ppb
Lead	207-1	0.05	0.02	0.05	0.04	42.53	ppb
Lead	208-1	0.03	0.03	0.03	0.03	14.49	ppb
Lithium	6-1				109		%
Magnesium	24-2	-1.56	-4.69	-1.99	-2.75		ppb
Manganese	55-2	0.00	-0.06	0.07	0.00	2844.77	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:45:38	DataFile Name :	018CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.15	0.19	0.17	10.39	ppb
Molybdenum	95-1	0.17	0.15	0.21	0.18	17.32	ppb
Molybdenum	96-1	0.21	0.20	0.22	0.21	5.34	ppb
Molybdenum	97-1	0.18	0.26	0.27	0.24	19.98	ppb
Molybdenum	98-1	0.21	0.20	0.19	0.20	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.48	-0.23	-0.29		ppb
Phosphorus	31-2	9.47	-23.65	-23.65	-12.61		ppb
Potassium	39-2	28.36	23.57	19.92	23.95	17.65	ppb
Rhodium	103-1				107		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				84		%
Selenium	77-2	-2.20	5.27	-2.20	0.29	1495.33	ppb
Selenium	78-2	-1.44	-0.22	-1.44	-1.04		ppb
Selenium	82-1	-0.72	0.66	0.27	0.07	997.62	ppb
Silicon	28-1	-35.51	-30.87	-34.02	-33.47		ppb
Silver	109-1	0.02	0.03	0.02	0.02	3.00	ppb
Silver	107-1	0.02	0.01	0.01	0.02	28.25	ppb
Sodium	23-2	66.75	67.24	72.31	68.77	4.48	ppb
Strontium	86-1	-0.03	-0.02	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	213.75	ppb
Sulfur	34-1	-2065.61	-1640.69	-1987.08	-1897.79		ppb
Terbium	159-1				115		%
Terbium	159-2				100		%
Thallium	203-1	0.10	0.10	0.09	0.09	4.76	ppb
Thallium	205-1	0.13	0.09	0.10	0.11	18.61	ppb
Tin	118-1	0.04	0.02	0.04	0.03	44.05	ppb
Titanium	47-1	0.03	0.06	-0.04	0.02	287.86	ppb
Uranium	238-1	-0.02	-0.03	-0.02	-0.02		ppb
Vanadium	51-2	-0.03	-0.01	-0.02	-0.02		ppb
Yttrium	89-1				106		%
Yttrium	89-2				89		%
Zinc	66-2	-0.13	-0.05	-0.13	-0.10		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	27.65	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:45:38	DataFile Name :	018CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.04	0.02	56.16	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:48:50	DataFile Name :	019SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.73	14.10	14.00	16.28	23.70	ppb
Antimony	121-1	2.08	2.07	2.08	2.08	0.31	ppb
Arsenic	75-2	0.92	1.11	0.88	0.97	12.43	ppb
Barium	135-1	9.61	9.33	9.58	9.50	1.61	ppb
Barium	137-1	9.46	9.46	9.64	9.52	1.06	ppb
Beryllium	9-1	1.19	1.12	1.15	1.15	2.97	ppb
Bismuth	209-1				119		%
Bismuth	209-2				98		%
Boron	10-1	34.59	33.57	35.73	34.63	3.12	ppb
Boron	11-1	32.62	33.77	35.44	33.94	4.18	ppb
Cadmium	111-1	1.02	0.83	0.69	0.85	19.01	ppb
Cadmium	106-1	-0.04	-1.19	-1.39	-0.87		ppb
Cadmium	108-1	1.10	1.00	0.90	1.00	9.93	ppb
Calcium	43-1	480.30	414.75	454.00	449.68	7.34	ppb
Calcium	44-1	440.85	423.10	426.95	430.30	2.17	ppb
Chromium	52-2	2.16	2.23	1.81	2.07	10.80	ppb
Cobalt	59-2	1.03	0.96	0.99	1.00	3.21	ppb
Copper	63-2	2.24	1.81	1.90	1.98	11.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				97		%
Indium	115-1				110		%
Indium	115-2				90		%
Iron	56-2	59.55	52.03	51.79	54.46	8.10	ppb
Iron	57-2	63.86	45.27	39.59	49.57	25.61	ppb
Lead	206-1	1.00	0.90	0.92	0.94	5.91	ppb
Lead	207-1	0.96	0.92	0.94	0.94	1.88	ppb
Lead	208-1	0.95	0.92	0.94	0.94	1.85	ppb
Lithium	6-1				108		%
Magnesium	24-2	498.18	470.88	453.11	474.06	4.79	ppb
Manganese	55-2	1.11	0.88	1.12	1.04	12.93	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:48:50	DataFile Name :	019SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.62	4.54	4.81	4.65	2.93	ppb
Molybdenum	95-1	4.72	4.81	4.54	4.69	3.01	ppb
Molybdenum	96-1	4.84	4.69	4.52	4.68	3.40	ppb
Molybdenum	97-1	4.82	4.61	4.72	4.72	2.16	ppb
Molybdenum	98-1	4.57	4.51	4.55	4.54	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.30	0.26	0.34	31.70	ppb
Phosphorus	31-2	12.87	9.39	-23.65	-0.46		ppb
Potassium	39-2	544.31	481.66	425.88	483.95	12.24	ppb
Rhodium	103-1				106		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				83		%
Selenium	77-2	13.54	-2.20	5.35	5.56	141.49	ppb
Selenium	78-2	8.88	3.49	2.28	4.89	71.91	ppb
Selenium	82-1	4.73	5.30	4.64	4.89	7.32	ppb
Silicon	28-1	-19.34	-18.22	-17.01	-18.19		ppb
Silver	109-1	1.03	0.99	0.99	1.00	2.63	ppb
Silver	107-1	0.99	0.92	1.01	0.97	4.85	ppb
Sodium	23-2	578.56	503.69	507.70	529.98	7.95	ppb
Strontium	86-1	0.91	0.94	0.85	0.90	5.08	ppb
Strontium	88-1	0.94	0.93	0.91	0.93	1.57	ppb
Sulfur	34-1	-1636.27	-1707.12	-1382.35	-1575.25		ppb
Terbium	159-1				113		%
Terbium	159-2				96		%
Thallium	203-1	0.99	1.02	0.99	1.00	1.76	ppb
Thallium	205-1	0.97	0.98	1.01	0.99	2.16	ppb
Tin	118-1	4.68	4.77	4.78	4.74	1.10	ppb
Titanium	47-1	4.44	5.04	4.32	4.60	8.37	ppb
Uranium	238-1	0.86	0.83	0.85	0.85	2.13	ppb
Vanadium	51-2	4.55	4.32	4.47	4.45	2.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				87		%
Zinc	66-2	2.59	2.36	2.13	2.36	9.87	ppb
Zirconium	90-1	1.02	0.96	0.94	0.97	4.39	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:48:50	DataFile Name :	019SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.95	1.11	1.02	1.03	7.82	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BL	Instrumnet Name :	P8
Client Sample ID :	PB105881BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:52:01	DataFile Name :	020CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.78	-4.78	-2.58	-4.05		ppb
Antimony	121-1	0.06	0.08	0.08	0.07	13.31	ppb
Arsenic	75-2	-0.01	-0.04	0.02	-0.01		ppb
Barium	135-1	-0.02	-0.02	-0.03	-0.02		ppb
Barium	137-1	-0.04	-0.04	-0.04	-0.04		ppb
Beryllium	9-1	0.12	0.10	0.22	0.15	41.59	ppb
Bismuth	209-1				116		%
Bismuth	209-2				100		%
Boron	10-1	12.09	9.67	10.79	10.85	11.13	ppb
Boron	11-1	11.27	12.22	9.69	11.06	11.55	ppb
Cadmium	111-1	-0.18	-0.11	-0.15	-0.15		ppb
Cadmium	106-1	-2.27	-1.38	-2.12	-1.92		ppb
Cadmium	108-1	0.06	-0.02	0.02	0.02	189.64	ppb
Calcium	43-1	-14.01	-13.36	-4.85	-10.74		ppb
Calcium	44-1	-24.67	-16.44	-23.94	-21.68		ppb
Chromium	52-2	-0.06	-0.09	-0.11	-0.09		ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.03	0.00	0.02	0.02	74.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				91		%
Iron	56-2	3.72	3.72	3.64	3.69	1.34	ppb
Iron	57-2	2.59	1.42	5.85	3.28	69.90	ppb
Lead	206-1	0.02	0.02	0.01	0.02	29.58	ppb
Lead	207-1	-0.01	0.02	0.03	0.01	165.49	ppb
Lead	208-1	0.01	0.01	0.02	0.01	44.34	ppb
Lithium	6-1				106		%
Magnesium	24-2	-3.46	7.67	-3.17	0.34	1840.16	ppb
Manganese	55-2	-0.02	-0.04	-0.09	-0.05		ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BL	Instrumnet Name :	P8
Client Sample ID :	PB105881BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:52:01	DataFile Name :	020CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.00	0.01	0.00		ppb
Molybdenum	95-1	0.01	0.04	0.01	0.02	75.82	ppb
Molybdenum	96-1	0.03	0.02	0.04	0.03	45.66	ppb
Molybdenum	97-1	0.00	0.02	0.01	0.01	127.57	ppb
Molybdenum	98-1	0.03	0.00	0.01	0.01	110.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.06	0.22	0.03	557.83	ppb
Phosphorus	31-2	-23.65	11.12	11.04	-0.49		ppb
Potassium	39-2	7.89	28.95	9.49	15.45	75.90	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				81		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	-1.44	-1.44	-1.44	-1.44		ppb
Selenium	82-1	0.43	0.17	0.08	0.23	77.39	ppb
Silicon	28-1	-31.93	-22.12	-29.86	-27.97		ppb
Silver	109-1	0.01	0.01	0.00	0.01	45.53	ppb
Silver	107-1	0.00	0.01	0.00	0.00	127.91	ppb
Sodium	23-2	43.49	54.60	42.49	46.86	14.34	ppb
Strontium	86-1	-0.07	-0.01	-0.02	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1213.77	-103.68	-1008.03	-775.16		ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.04	0.04	0.03	25.92	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	17.19	ppb
Tin	118-1	-0.03	0.00	-0.04	-0.02		ppb
Titanium	47-1	0.04	0.11	-0.04	0.04	187.67	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	0.01	-0.03	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				88		%
Zinc	66-2	-0.16	-0.01	-0.05	-0.07		ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	84.17	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BL	Instrumnet Name :	P8
Client Sample ID :	PB105881BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:52:01	DataFile Name :	020CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.01	26.27	ppb

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : PB105881BS Instrumnet Name : P8
 Client Sample ID : PB105881BS Dilution Factor : 1
 Date & Time Acquired :: 2018-01-23 12:55:12 DataFile Name : 021LCSE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.72	39.08	38.69	37.16	8.04	ppb
Antimony	121-1	3.79	3.94	3.88	3.87	1.95	ppb
Arsenic	75-2	1.98	2.05	2.15	2.06	3.98	ppb
Barium	135-1	19.06	19.30	18.98	19.11	0.87	ppb
Barium	137-1	18.93	19.62	18.79	19.11	2.34	ppb
Beryllium	9-1	2.07	1.95	2.15	2.06	4.95	ppb
Bismuth	209-1				118		%
Bismuth	209-2				100		%
Boron	10-1	50.14	51.16	52.04	51.11	1.87	ppb
Boron	11-1	49.19	50.89	53.17	51.08	3.92	ppb
Cadmium	111-1	1.80	1.94	1.90	1.88	4.00	ppb
Cadmium	106-1	0.17	-0.15	-0.02	0.00		ppb
Cadmium	108-1	1.91	1.68	1.92	1.84	7.29	ppb
Calcium	43-1	905.42	901.42	859.26	888.70	2.88	ppb
Calcium	44-1	914.80	894.48	908.61	905.96	1.15	ppb
Chromium	52-2	4.13	4.39	4.14	4.22	3.50	ppb
Cobalt	59-2	2.03	2.10	1.94	2.02	4.08	ppb
Copper	63-2	4.09	3.91	3.88	3.96	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				98		%
Indium	115-1				108		%
Indium	115-2				91		%
Iron	56-2	473.25	482.11	455.09	470.15	2.93	ppb
Iron	57-2	483.20	466.63	436.65	462.16	5.10	ppb
Lead	206-1	1.87	1.89	1.98	1.91	3.12	ppb
Lead	207-1	1.86	1.91	1.85	1.87	1.92	ppb
Lead	208-1	1.87	1.87	1.89	1.88	0.45	ppb
Lithium	6-1				108		%
Magnesium	24-2	992.13	973.92	973.32	979.79	1.09	ppb
Manganese	55-2	2.03	2.43	2.28	2.25	9.10	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BS	Instrumnet Name :	P8
Client Sample ID :	PB105881BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:55:12	DataFile Name :	021LCSE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.69	9.74	9.20	9.55	3.11	ppb
Molybdenum	95-1	9.75	9.27	9.17	9.40	3.33	ppb
Molybdenum	96-1	9.38	9.27	9.13	9.26	1.35	ppb
Molybdenum	97-1	9.24	9.44	9.24	9.31	1.21	ppb
Molybdenum	98-1	9.40	9.32	9.41	9.38	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.58	2.04	2.21	14.65	ppb
Phosphorus	31-2	12.01	85.41	10.57	36.00	118.90	ppb
Potassium	39-2	1032.76	1071.59	1023.48	1042.61	2.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				79		%
Selenium	77-2	5.36	-2.20	5.42	2.86	153.26	ppb
Selenium	78-2	14.70	4.78	6.07	8.52	63.31	ppb
Selenium	82-1	10.10	9.75	8.86	9.57	6.72	ppb
Silicon	28-1	1.51	1.02	2.67	1.73	48.90	ppb
Silver	109-1	2.04	2.03	1.97	2.01	1.78	ppb
Silver	107-1	2.01	2.01	1.98	2.00	0.79	ppb
Sodium	23-2	1033.79	1066.47	1001.43	1033.90	3.15	ppb
Strontium	86-1	1.83	1.84	1.79	1.82	1.32	ppb
Strontium	88-1	1.89	1.97	1.83	1.90	3.62	ppb
Sulfur	34-1	-1306.93	-1458.47	-1282.74	-1349.38		ppb
Terbium	159-1				114		%
Terbium	159-2				97		%
Thallium	203-1	1.90	1.93	1.93	1.92	1.02	ppb
Thallium	205-1	1.96	1.90	1.98	1.94	2.26	ppb
Tin	118-1	9.33	9.53	9.45	9.44	1.03	ppb
Titanium	47-1	9.84	9.44	9.56	9.61	2.18	ppb
Uranium	238-1	1.80	1.72	1.76	1.76	2.25	ppb
Vanadium	51-2	10.33	9.48	9.73	9.85	4.47	ppb
Yttrium	89-1				105		%
Yttrium	89-2				87		%
Zinc	66-2	3.63	4.67	4.04	4.11	12.73	ppb
Zirconium	90-1	1.93	1.83	1.86	1.87	2.61	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BS	Instrumnet Name :	P8
Client Sample ID :	PB105881BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:55:12	DataFile Name :	021LCSE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.98	1.95	1.78	1.90	5.71	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:02:19	DataFile Name :	022SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11354.63	11389.86	11190.29	11311.59	0.94	ppb
Antimony	121-1	0.24	0.24	0.25	0.25	2.86	ppb
Arsenic	75-2	3.07	2.77	2.66	2.83	7.39	ppb
Barium	135-1	381.05	381.82	383.70	382.19	0.36	ppb
Barium	137-1	380.35	382.14	384.99	382.49	0.61	ppb
Beryllium	9-1	1.16	1.36	1.49	1.34	12.47	ppb
Bismuth	209-1				126		%
Bismuth	209-2				105		%
Boron	10-1	7.77	7.81	7.00	7.53	6.08	ppb
Boron	11-1	7.97	8.35	7.88	8.07	3.10	ppb
Cadmium	111-1	0.29	0.28	0.30	0.29	2.56	ppb
Cadmium	106-1	-1.00	-1.62	-0.94	-1.19		ppb
Cadmium	108-1	0.71	0.83	0.64	0.73	12.81	ppb
Calcium	43-1	4201.19	4181.84	4171.02	4184.68	0.37	ppb
Calcium	44-1	4122.27	4137.63	4095.70	4118.53	0.52	ppb
Chromium	52-2	24.70	25.90	25.16	25.25	2.39	ppb
Cobalt	59-2	4.15	4.30	4.27	4.24	1.90	ppb
Copper	63-2	7.84	7.95	8.18	7.99	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				104		%
Indium	115-1				115		%
Indium	115-2				95		%
Iron	56-2	7863.36	7966.73	7878.23	7902.78	0.71	ppb
Iron	57-2	7671.96	7653.19	7578.47	7634.54	0.65	ppb
Lead	206-1	43.52	43.22	44.47	43.73	1.49	ppb
Lead	207-1	38.66	38.76	40.18	39.20	2.17	ppb
Lead	208-1	40.98	40.89	41.80	41.22	1.21	ppb
Lithium	6-1				111		%
Magnesium	24-2	1562.93	1570.80	1608.39	1580.71	1.54	ppb
Manganese	55-2	468.84	475.15	472.61	472.20	0.67	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:02:19	DataFile Name :	022SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.21	2.04	2.18	2.15	4.19	ppb
Molybdenum	95-1	0.43	0.43	0.47	0.44	5.01	ppb
Molybdenum	96-1	0.60	0.64	0.60	0.61	4.05	ppb
Molybdenum	97-1	0.33	0.45	0.43	0.40	15.98	ppb
Molybdenum	98-1	0.40	0.40	0.37	0.39	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.15	9.10	8.29	8.51	6.01	ppb
Phosphorus	31-2	698.25	775.60	626.72	700.19	10.63	ppb
Potassium	39-2	663.16	707.22	677.26	682.55	3.30	ppb
Rhodium	103-1				111		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				86		%
Selenium	77-2	58.23	79.33	50.69	62.75	23.66	ppb
Selenium	78-2	4.07	9.71	9.41	7.73	41.07	ppb
Selenium	82-1	1.11	1.07	1.10	1.09	1.72	ppb
Silicon	28-1	1926.49	1922.05	1723.29	1857.28	6.25	ppb
Silver	109-1	0.18	0.21	0.25	0.21	15.86	ppb
Silver	107-1	0.18	0.21	0.20	0.20	7.01	ppb
Sodium	23-2	147.16	148.56	147.75	147.82	0.48	ppb
Strontium	86-1	27.00	26.88	26.99	26.96	0.25	ppb
Strontium	88-1	27.84	27.61	27.54	27.66	0.57	ppb
Sulfur	34-1	-2919.75	-2707.87	-3239.90	-2955.84		ppb
Terbium	159-1				121		%
Terbium	159-2				103		%
Thallium	203-1	0.30	0.27	0.30	0.29	6.33	ppb
Thallium	205-1	0.34	0.30	0.32	0.32	6.99	ppb
Tin	118-1	1.00	1.07	1.04	1.04	3.04	ppb
Titanium	47-1	70.77	17.66	20.64	36.36	82.07	ppb
Uranium	238-1	1.80	1.82	1.84	1.82	1.29	ppb
Vanadium	51-2	21.18	22.01	21.30	21.49	2.08	ppb
Yttrium	89-1				119		%
Yttrium	89-2				99		%
Zinc	66-2	66.57	65.72	66.22	66.17	0.65	ppb
Zirconium	90-1	1.25	1.26	1.31	1.27	2.31	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:02:19	DataFile Name :	022SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.22	1.37	1.48	1.36	9.82	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:05:29	DataFile Name :	023SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9950.26	10757.54	10312.48	10340.09	3.91	ppb
Antimony	121-1	0.26	0.32	0.28	0.29	11.21	ppb
Arsenic	75-2	2.17	2.60	1.99	2.25	14.01	ppb
Barium	135-1	387.23	399.03	386.47	390.91	1.80	ppb
Barium	137-1	390.61	394.73	387.78	391.04	0.89	ppb
Beryllium	9-1	1.23	1.14	1.13	1.16	4.84	ppb
Bismuth	209-1				129		%
Bismuth	209-2				107		%
Boron	10-1	6.29	5.54	7.31	6.38	13.93	ppb
Boron	11-1	6.41	5.85	5.92	6.06	5.01	ppb
Cadmium	111-1	0.18	0.29	0.31	0.26	26.64	ppb
Cadmium	106-1	-0.90	-0.12	0.35	-0.22		ppb
Cadmium	108-1	0.72	0.43	0.70	0.62	25.80	ppb
Calcium	43-1	3980.23	3907.74	3878.47	3922.15	1.34	ppb
Calcium	44-1	3920.88	3891.94	3856.61	3889.81	0.83	ppb
Chromium	52-2	35.77	38.04	37.80	37.20	3.35	ppb
Cobalt	59-2	3.07	3.18	3.12	3.12	1.84	ppb
Copper	63-2	20.58	21.00	20.72	20.76	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				105		%
Indium	115-1				118		%
Indium	115-2				96		%
Iron	56-2	5571.49	5722.68	5738.57	5677.58	1.62	ppb
Iron	57-2	5350.15	5425.58	5529.10	5434.94	1.65	ppb
Lead	206-1	39.98	40.73	40.39	40.37	0.94	ppb
Lead	207-1	35.80	36.35	36.56	36.24	1.09	ppb
Lead	208-1	37.86	38.60	38.15	38.20	0.98	ppb
Lithium	6-1				112		%
Magnesium	24-2	1325.21	1362.22	1366.14	1351.19	1.67	ppb
Manganese	55-2	274.94	283.82	286.78	281.84	2.19	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:05:29	DataFile Name :	023SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.11	2.59	2.42	2.37	10.32	ppb
Molybdenum	95-1	0.48	0.52	0.49	0.50	3.36	ppb
Molybdenum	96-1	0.74	0.78	0.76	0.76	2.60	ppb
Molybdenum	97-1	0.43	0.54	0.58	0.52	14.77	ppb
Molybdenum	98-1	0.54	0.53	0.48	0.52	6.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.74	5.72	6.71	6.05	9.31	ppb
Phosphorus	31-2	426.11	478.55	282.28	395.65	25.68	ppb
Potassium	39-2	673.16	611.56	704.80	663.17	7.15	ppb
Rhodium	103-1				114		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				85		%
Selenium	77-2	64.95	51.03	72.75	62.91	17.50	ppb
Selenium	78-2	5.17	6.20	3.03	4.80	33.67	ppb
Selenium	82-1	1.88	1.43	0.90	1.41	34.92	ppb
Silicon	28-1	3032.24	2627.52	2624.40	2761.39	8.49	ppb
Silver	109-1	0.21	0.23	0.22	0.22	5.35	ppb
Silver	107-1	0.20	0.19	0.19	0.19	1.65	ppb
Sodium	23-2	156.13	170.00	164.09	163.41	4.26	ppb
Strontium	86-1	25.23	25.67	25.31	25.41	0.92	ppb
Strontium	88-1	25.64	25.92	25.33	25.63	1.16	ppb
Sulfur	34-1	-3742.54	-3895.67	-4209.45	-3949.22		ppb
Terbium	159-1				124		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.20	0.23	0.22	7.04	ppb
Thallium	205-1	0.23	0.23	0.23	0.23	1.77	ppb
Tin	118-1	1.14	1.09	1.13	1.12	2.15	ppb
Titanium	47-1	53.29	44.42	43.24	46.98	11.69	ppb
Uranium	238-1	1.84	1.84	1.83	1.84	0.28	ppb
Vanadium	51-2	19.87	20.82	22.09	20.93	5.33	ppb
Yttrium	89-1				120		%
Yttrium	89-2				98		%
Zinc	66-2	77.94	79.60	81.69	79.74	2.36	ppb
Zirconium	90-1	1.34	1.12	1.21	1.22	9.01	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:05:29	DataFile Name :	023SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.45	1.28	1.24	1.32	8.55	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:08:40	DataFile Name :	024SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8459.31	7976.81	8298.76	8244.96	2.98	ppb
Antimony	121-1	0.29	0.25	0.28	0.27	6.23	ppb
Arsenic	75-2	7.38	7.12	6.42	6.97	7.14	ppb
Barium	135-1	493.16	482.86	497.38	491.13	1.52	ppb
Barium	137-1	488.95	482.47	495.58	489.00	1.34	ppb
Beryllium	9-1	1.36	1.29	1.39	1.35	3.72	ppb
Bismuth	209-1				129		%
Bismuth	209-2				108		%
Boron	10-1	6.17	4.91	6.15	5.74	12.51	ppb
Boron	11-1	6.00	6.28	6.02	6.10	2.49	ppb
Cadmium	111-1	0.48	0.61	0.56	0.55	12.22	ppb
Cadmium	106-1	-1.02	0.94	0.44	0.12	845.29	ppb
Cadmium	108-1	0.51	0.61	0.80	0.64	23.00	ppb
Calcium	43-1	5092.95	5129.09	5156.37	5126.14	0.62	ppb
Calcium	44-1	5057.81	5194.61	5120.31	5124.24	1.34	ppb
Chromium	52-2	18.63	17.40	17.84	17.96	3.46	ppb
Cobalt	59-2	16.59	15.76	16.25	16.20	2.57	ppb
Copper	63-2	8.65	7.89	7.97	8.17	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				106		%
Indium	115-1				117		%
Indium	115-2				96		%
Iron	56-2	15002.82	14165.66	14834.09	14667.52	3.02	ppb
Iron	57-2	14579.98	13876.53	14292.59	14249.70	2.48	ppb
Lead	206-1	43.23	43.10	43.17	43.17	0.15	ppb
Lead	207-1	38.21	38.80	38.92	38.64	0.98	ppb
Lead	208-1	40.46	40.72	40.84	40.67	0.48	ppb
Lithium	6-1				111		%
Magnesium	24-2	1547.54	1524.61	1600.81	1557.66	2.51	ppb
Manganese	55-2	3012.11	2841.28	2975.17	2942.86	3.05	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:08:40	DataFile Name :	024SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.89	1.70	1.86	1.82	5.66	ppb
Molybdenum	95-1	0.59	0.70	0.53	0.61	14.60	ppb
Molybdenum	96-1	0.70	0.77	0.74	0.74	4.77	ppb
Molybdenum	97-1	0.57	0.53	0.65	0.58	10.55	ppb
Molybdenum	98-1	0.53	0.52	0.59	0.54	6.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.43	13.31	14.31	14.02	4.40	ppb
Phosphorus	31-2	550.22	296.24	377.96	408.14	31.77	ppb
Potassium	39-2	489.35	475.14	512.51	492.33	3.83	ppb
Rhodium	103-1				113		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				85		%
Selenium	77-2	65.41	43.62	70.38	59.80	23.79	ppb
Selenium	78-2	5.21	10.38	11.55	9.05	37.26	ppb
Selenium	82-1	0.53	1.01	0.38	0.64	51.61	ppb
Silicon	28-1	1207.82	1045.50	997.41	1083.58	10.18	ppb
Silver	109-1	0.18	0.20	0.19	0.19	4.52	ppb
Silver	107-1	0.20	0.17	0.21	0.19	8.91	ppb
Sodium	23-2	156.14	162.09	176.51	164.91	6.35	ppb
Strontium	86-1	27.26	27.79	27.63	27.56	0.99	ppb
Strontium	88-1	27.73	27.89	28.16	27.93	0.76	ppb
Sulfur	34-1	-4169.61	-4026.14	-4355.16	-4183.64		ppb
Terbium	159-1				124		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.17	0.14	0.15	10.48	ppb
Thallium	205-1	0.17	0.16	0.18	0.17	7.84	ppb
Tin	118-1	0.73	0.76	0.72	0.74	3.21	ppb
Titanium	47-1	12.61	13.49	92.81	39.63	116.20	ppb
Uranium	238-1	1.53	1.54	1.54	1.54	0.54	ppb
Vanadium	51-2	34.71	31.93	32.71	33.12	4.32	ppb
Yttrium	89-1				120		%
Yttrium	89-2				100		%
Zinc	66-2	110.83	105.47	103.24	106.51	3.66	ppb
Zirconium	90-1	0.89	1.31	0.93	1.04	22.60	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:08:40	DataFile Name :	024SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.87	0.88	0.87	0.76	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:11:52	DataFile Name :	025SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14419.09	15797.64	14722.03	14979.59	4.84	ppb
Antimony	121-1	0.26	0.27	0.26	0.26	0.62	ppb
Arsenic	75-2	6.43	7.26	7.63	7.11	8.67	ppb
Barium	135-1	263.84	268.35	261.91	264.70	1.25	ppb
Barium	137-1	262.51	266.87	263.35	264.24	0.88	ppb
Beryllium	9-1	0.63	0.65	0.58	0.62	6.24	ppb
Bismuth	209-1				128		%
Bismuth	209-2				108		%
Boron	10-1	5.95	6.71	5.31	5.99	11.77	ppb
Boron	11-1	5.77	5.97	6.22	5.99	3.73	ppb
Cadmium	111-1	0.21	0.26	0.17	0.21	20.31	ppb
Cadmium	106-1	-0.19	-0.24	-1.03	-0.49		ppb
Cadmium	108-1	0.66	0.40	0.96	0.68	41.80	ppb
Calcium	43-1	5103.88	5118.03	5133.91	5118.60	0.29	ppb
Calcium	44-1	5031.35	5069.51	5073.32	5058.06	0.46	ppb
Chromium	52-2	17.77	17.88	18.94	18.20	3.56	ppb
Cobalt	59-2	8.20	8.39	8.35	8.31	1.24	ppb
Copper	63-2	13.27	14.04	13.49	13.60	2.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				106		%
Indium	115-1				116		%
Indium	115-2				96		%
Iron	56-2	13515.34	14135.51	13911.79	13854.21	2.27	ppb
Iron	57-2	13134.81	13482.44	13550.34	13389.20	1.66	ppb
Lead	206-1	33.08	32.46	32.56	32.70	1.01	ppb
Lead	207-1	29.64	29.49	29.35	29.49	0.49	ppb
Lead	208-1	31.18	30.93	30.91	31.01	0.48	ppb
Lithium	6-1				110		%
Magnesium	24-2	2575.71	2661.58	2691.23	2642.84	2.27	ppb
Manganese	55-2	94.86	96.17	95.04	95.35	0.75	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:11:52	DataFile Name :	025SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.80	5.90	5.54	5.75	3.28	ppb
Molybdenum	95-1	0.26	0.25	0.26	0.26	2.40	ppb
Molybdenum	96-1	0.94	1.05	1.02	1.00	5.55	ppb
Molybdenum	97-1	0.24	0.25	0.27	0.25	6.42	ppb
Molybdenum	98-1	0.28	0.28	0.24	0.27	8.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.70	18.72	18.02	18.15	2.87	ppb
Phosphorus	31-2	361.02	243.29	240.04	281.45	24.49	ppb
Potassium	39-2	590.15	627.08	621.20	612.81	3.24	ppb
Rhodium	103-1				113		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				86		%
Selenium	77-2	32.32	11.59	46.55	30.15	58.31	ppb
Selenium	78-2	5.35	3.08	3.13	3.85	33.68	ppb
Selenium	82-1	0.00	0.14	-0.67	-0.18		ppb
Silicon	28-1	1206.95	1093.78	1133.00	1144.58	5.02	ppb
Silver	109-1	0.08	0.11	0.11	0.10	15.06	ppb
Silver	107-1	0.09	0.08	0.09	0.09	3.29	ppb
Sodium	23-2	285.39	292.96	279.67	286.01	2.33	ppb
Strontium	86-1	30.42	31.51	30.74	30.89	1.81	ppb
Strontium	88-1	31.02	31.34	31.28	31.21	0.55	ppb
Sulfur	34-1	-2216.93	-2320.23	-2501.30	-2346.15		ppb
Terbium	159-1				123		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.17	0.20	0.18	13.12	ppb
Thallium	205-1	0.20	0.18	0.19	0.19	4.13	ppb
Tin	118-1	1.05	1.06	1.09	1.07	1.96	ppb
Titanium	47-1	49.29	48.31	48.74	48.78	1.00	ppb
Uranium	238-1	0.51	0.56	0.54	0.54	4.35	ppb
Vanadium	51-2	28.03	29.34	30.13	29.17	3.63	ppb
Yttrium	89-1				116		%
Yttrium	89-2				96		%
Zinc	66-2	120.27	116.01	116.20	117.49	2.05	ppb
Zirconium	90-1	3.89	3.63	3.66	3.73	3.80	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:11:52	DataFile Name :	025SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.55	3.44	3.42	3.47	2.06	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:15:02	DataFile Name :	026SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14635.83	14287.94	14644.86	14522.88	1.40	ppb
Antimony	121-1	0.26	0.26	0.28	0.27	3.72	ppb
Arsenic	75-2	16.99	16.68	17.34	17.00	1.93	ppb
Barium	135-1	249.82	249.22	245.95	248.33	0.84	ppb
Barium	137-1	247.83	249.29	243.13	246.75	1.31	ppb
Beryllium	9-1	2.61	2.79	2.97	2.79	6.49	ppb
Bismuth	209-1				129		%
Bismuth	209-2				106		%
Boron	10-1	4.64	7.06	5.25	5.65	22.27	ppb
Boron	11-1	5.60	5.54	5.01	5.39	6.00	ppb
Cadmium	111-1	0.33	0.20	0.20	0.24	30.51	ppb
Cadmium	106-1	-0.02	-1.40	-1.37	-0.93		ppb
Cadmium	108-1	0.43	0.62	0.61	0.55	19.29	ppb
Calcium	43-1	12772.35	12979.36	13040.66	12930.79	1.09	ppb
Calcium	44-1	12973.86	13130.83	13051.32	13052.00	0.60	ppb
Chromium	52-2	20.72	19.57	20.31	20.20	2.87	ppb
Cobalt	59-2	29.91	30.01	29.67	29.86	0.59	ppb
Copper	63-2	41.96	41.52	41.11	41.53	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				106		%
Indium	115-1				118		%
Indium	115-2				95		%
Iron	56-2	32975.92	32500.45	32447.66	32641.34	0.89	ppb
Iron	57-2	32221.07	31895.39	31958.27	32024.91	0.54	ppb
Lead	206-1	36.92	36.57	36.09	36.53	1.13	ppb
Lead	207-1	32.57	32.42	32.14	32.37	0.68	ppb
Lead	208-1	34.58	34.47	33.94	34.33	1.00	ppb
Lithium	6-1				110		%
Magnesium	24-2	11452.35	11417.80	11320.86	11397.00	0.60	ppb
Manganese	55-2	1132.18	1123.41	1125.32	1126.97	0.41	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:15:02	DataFile Name :	026SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.14	4.13	4.12	4.13	0.19	ppb
Molybdenum	95-1	0.59	0.64	0.58	0.60	5.56	ppb
Molybdenum	96-1	1.05	1.10	0.94	1.03	8.06	ppb
Molybdenum	97-1	0.61	0.63	0.57	0.61	4.81	ppb
Molybdenum	98-1	0.56	0.59	0.50	0.55	8.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.78	48.35	47.78	48.63	2.12	ppb
Phosphorus	31-2	567.36	594.45	569.07	576.96	2.63	ppb
Potassium	39-2	1796.41	1674.06	1785.02	1751.83	3.86	ppb
Rhodium	103-1				113		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				86		%
Selenium	77-2	87.63	74.36	76.00	79.33	9.12	ppb
Selenium	78-2	15.41	11.12	9.25	11.93	26.45	ppb
Selenium	82-1	0.12	-0.16	0.67	0.21	199.40	ppb
Silicon	28-1	1107.34	1130.45	1128.82	1122.20	1.15	ppb
Silver	109-1	0.07	0.08	0.08	0.07	9.93	ppb
Silver	107-1	0.09	0.07	0.08	0.08	14.42	ppb
Sodium	23-2	792.30	796.62	782.59	790.50	0.91	ppb
Strontium	86-1	46.01	46.35	45.05	45.80	1.47	ppb
Strontium	88-1	46.74	46.50	46.04	46.43	0.77	ppb
Sulfur	34-1	-2511.44	-2144.18	-2260.66	-2305.43		ppb
Terbium	159-1				125		%
Terbium	159-2				105		%
Thallium	203-1	0.31	0.32	0.34	0.33	4.60	ppb
Thallium	205-1	0.30	0.32	0.30	0.31	4.04	ppb
Tin	118-1	1.62	1.45	1.47	1.52	6.22	ppb
Titanium	47-1	23.35	24.06	23.78	23.73	1.50	ppb
Uranium	238-1	0.84	0.85	0.83	0.84	1.75	ppb
Vanadium	51-2	39.58	38.77	39.22	39.19	1.03	ppb
Yttrium	89-1				127		%
Yttrium	89-2				103		%
Zinc	66-2	109.86	110.62	112.66	111.05	1.30	ppb
Zirconium	90-1	2.46	2.41	2.52	2.46	2.31	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:15:02	DataFile Name :	026SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.44	2.44	2.44	2.44	0.15	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:18:13	DataFile Name :	027SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9431.10	9223.67	9542.12	9398.96	1.72	ppb
Antimony	121-1	0.25	0.23	0.24	0.24	4.34	ppb
Arsenic	75-2	13.61	13.03	14.13	13.59	4.05	ppb
Barium	135-1	242.20	255.23	278.28	258.57	7.07	ppb
Barium	137-1	243.61	253.41	279.82	258.95	7.23	ppb
Beryllium	9-1	1.75	1.54	1.79	1.69	8.01	ppb
Bismuth	209-1				123		%
Bismuth	209-2				107		%
Boron	10-1	4.60	4.77	6.44	5.27	19.31	ppb
Boron	11-1	3.98	3.90	4.67	4.19	10.12	ppb
Cadmium	111-1	0.26	0.23	0.26	0.25	7.21	ppb
Cadmium	106-1	-0.55	-0.96	-1.11	-0.88		ppb
Cadmium	108-1	0.50	0.64	0.49	0.54	15.49	ppb
Calcium	43-1	18870.63	19637.41	21929.64	20145.89	7.90	ppb
Calcium	44-1	18830.56	19847.64	22021.25	20233.15	8.06	ppb
Chromium	52-2	14.39	14.30	14.67	14.45	1.34	ppb
Cobalt	59-2	13.85	13.81	13.63	13.76	0.86	ppb
Copper	63-2	30.73	30.76	30.97	30.82	0.42	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				119		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				94		%
Iron	56-2	15401.86	14985.33	15479.55	15288.91	1.74	ppb
Iron	57-2	15107.15	14574.46	14894.07	14858.56	1.80	ppb
Lead	206-1	28.96	30.11	32.35	30.47	5.66	ppb
Lead	207-1	26.27	26.92	28.59	27.26	4.39	ppb
Lead	208-1	27.47	28.24	30.44	28.72	5.37	ppb
Lithium	6-1				106		%
Magnesium	24-2	8547.49	8304.21	8508.09	8453.26	1.54	ppb
Manganese	55-2	486.87	473.61	490.27	483.59	1.82	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:18:13	DataFile Name :	027SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.25	3.71	3.98	3.65	10.25	ppb
Molybdenum	95-1	0.10	0.08	0.10	0.10	9.97	ppb
Molybdenum	96-1	0.51	0.53	0.60	0.54	8.91	ppb
Molybdenum	97-1	0.14	0.09	0.09	0.11	27.28	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	4.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.49	32.33	34.05	33.62	3.41	ppb
Phosphorus	31-2	315.90	547.39	665.44	509.58	34.89	ppb
Potassium	39-2	1229.10	1216.47	1191.96	1212.51	1.56	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				83		%
Selenium	77-2	66.02	59.42	39.11	54.85	25.57	ppb
Selenium	78-2	10.87	6.42	18.90	12.06	52.41	ppb
Selenium	82-1	1.14	0.09	1.45	0.89	80.23	ppb
Silicon	28-1	1068.70	1144.11	1276.09	1162.97	9.03	ppb
Silver	109-1	0.07	0.09	0.09	0.08	10.99	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.36	ppb
Sodium	23-2	707.31	709.64	721.31	712.76	1.05	ppb
Strontium	86-1	50.66	52.05	57.61	53.44	6.88	ppb
Strontium	88-1	51.76	52.97	58.48	54.40	6.58	ppb
Sulfur	34-1	-4306.73	-3339.72	-1637.99	-3094.81		ppb
Terbium	159-1				119		%
Terbium	159-2				104		%
Thallium	203-1	0.24	0.25	0.26	0.25	3.85	ppb
Thallium	205-1	0.24	0.23	0.27	0.24	8.19	ppb
Tin	118-1	1.16	1.24	1.36	1.26	7.92	ppb
Titanium	47-1	22.85	26.53	25.52	24.97	7.62	ppb
Uranium	238-1	0.76	0.78	0.88	0.81	8.24	ppb
Vanadium	51-2	26.12	24.84	26.97	25.98	4.13	ppb
Yttrium	89-1				116		%
Yttrium	89-2				97		%
Zinc	66-2	77.23	74.48	77.88	76.53	2.36	ppb
Zirconium	90-1	2.24	2.41	2.55	2.40	6.65	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:18:13	DataFile Name :	027SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.25	2.27	2.31	2.28	1.50	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:21:23	DataFile Name :	028SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15699.45	15443.97	15876.38	15673.27	1.39	ppb
Antimony	121-1	0.47	0.42	0.44	0.44	5.77	ppb
Arsenic	75-2	24.80	24.24	25.22	24.75	2.00	ppb
Barium	135-1	314.78	310.95	307.88	311.20	1.11	ppb
Barium	137-1	313.53	307.43	307.06	309.34	1.17	ppb
Beryllium	9-1	2.07	2.08	1.81	1.99	7.62	ppb
Bismuth	209-1				127		%
Bismuth	209-2				104		%
Boron	10-1	5.21	3.92	3.64	4.26	19.65	ppb
Boron	11-1	3.95	4.57	4.74	4.42	9.37	ppb
Cadmium	111-1	0.43	0.38	0.43	0.41	6.31	ppb
Cadmium	106-1	0.40	-0.14	-0.44	-0.06		ppb
Cadmium	108-1	0.83	0.78	0.90	0.84	6.69	ppb
Calcium	43-1	16693.28	16496.94	15955.71	16381.98	2.33	ppb
Calcium	44-1	16638.94	16400.06	15991.31	16343.44	2.00	ppb
Chromium	52-2	25.32	25.17	26.17	25.55	2.12	ppb
Cobalt	59-2	18.44	18.73	19.24	18.81	2.15	ppb
Copper	63-2	44.68	44.99	46.56	45.41	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				103		%
Indium	115-1				114		%
Indium	115-2				92		%
Iron	56-2	33743.44	34498.74	35505.90	34582.70	2.56	ppb
Iron	57-2	32924.41	33526.45	34705.46	33718.78	2.69	ppb
Lead	206-1	68.13	67.62	67.02	67.59	0.82	ppb
Lead	207-1	61.40	60.60	60.60	60.87	0.76	ppb
Lead	208-1	64.61	63.80	63.71	64.04	0.78	ppb
Lithium	6-1				108		%
Magnesium	24-2	9751.95	9930.79	10234.70	9972.48	2.45	ppb
Manganese	55-2	435.76	435.01	457.14	442.64	2.84	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:21:23	DataFile Name :	028SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.02	5.88	5.71	5.87	2.61	ppb
Molybdenum	95-1	0.64	0.73	0.64	0.67	7.48	ppb
Molybdenum	96-1	1.37	1.43	1.37	1.39	2.65	ppb
Molybdenum	97-1	0.62	0.68	0.64	0.65	4.85	ppb
Molybdenum	98-1	0.69	0.64	0.70	0.68	4.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.37	45.88	48.08	46.11	4.04	ppb
Phosphorus	31-2	712.01	553.43	401.63	555.69	27.93	ppb
Potassium	39-2	1649.74	1656.59	1716.63	1674.32	2.20	ppb
Rhodium	103-1				111		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				82		%
Selenium	77-2	65.01	99.70	104.53	89.75	24.02	ppb
Selenium	78-2	7.39	9.71	6.73	7.94	19.71	ppb
Selenium	82-1	0.97	0.13	0.42	0.51	84.30	ppb
Silicon	28-1	1068.07	1049.85	1032.03	1049.98	1.72	ppb
Silver	109-1	0.11	0.10	0.11	0.11	1.70	ppb
Silver	107-1	0.11	0.11	0.11	0.11	2.01	ppb
Sodium	23-2	759.65	766.39	793.84	773.30	2.34	ppb
Strontium	86-1	62.13	60.73	60.86	61.24	1.27	ppb
Strontium	88-1	62.25	61.84	61.43	61.84	0.66	ppb
Sulfur	34-1	-1513.70	-1491.79	-2149.09	-1718.20		ppb
Terbium	159-1				122		%
Terbium	159-2				102		%
Thallium	203-1	0.29	0.28	0.26	0.28	5.80	ppb
Thallium	205-1	0.29	0.28	0.30	0.29	2.63	ppb
Tin	118-1	1.61	1.67	1.64	1.64	1.69	ppb
Titanium	47-1	34.91	35.91	35.22	35.35	1.44	ppb
Uranium	238-1	1.34	1.34	1.29	1.32	2.33	ppb
Vanadium	51-2	46.35	47.29	49.62	47.75	3.52	ppb
Yttrium	89-1				120		%
Yttrium	89-2				96		%
Zinc	66-2	127.67	133.33	133.23	131.41	2.47	ppb
Zirconium	90-1	3.51	3.58	3.38	3.49	2.87	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:21:23	DataFile Name :	028SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.42	3.41	3.48	3.44	1.13	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:24:34	DataFile Name :	029SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11499.84	12021.25	11961.75	11827.61	2.41	ppb
Antimony	121-1	0.32	0.31	0.30	0.31	3.55	ppb
Arsenic	75-2	20.88	21.63	19.80	20.77	4.43	ppb
Barium	135-1	347.54	326.30	319.58	331.14	4.41	ppb
Barium	137-1	344.37	325.98	319.95	330.10	3.85	ppb
Beryllium	9-1	2.08	1.87	1.97	1.97	5.35	ppb
Bismuth	209-1				124		%
Bismuth	209-2				105		%
Boron	10-1	5.05	4.77	1.78	3.87	46.80	ppb
Boron	11-1	3.89	4.14	3.58	3.87	7.24	ppb
Cadmium	111-1	0.38	0.37	0.41	0.39	5.46	ppb
Cadmium	106-1	-1.55	-0.28	-0.52	-0.78		ppb
Cadmium	108-1	1.04	0.87	0.78	0.90	14.43	ppb
Calcium	43-1	14555.34	13594.12	13594.57	13914.68	3.99	ppb
Calcium	44-1	14804.30	13757.76	13672.25	14078.10	4.48	ppb
Chromium	52-2	22.25	23.51	23.14	22.97	2.82	ppb
Cobalt	59-2	17.22	18.20	17.55	17.66	2.81	ppb
Copper	63-2	56.59	58.08	58.26	57.64	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				94		%
Iron	56-2	26332.08	27282.25	26823.25	26812.53	1.77	ppb
Iron	57-2	25826.68	26533.70	26166.35	26175.57	1.35	ppb
Lead	206-1	215.82	202.44	200.21	206.15	4.10	ppb
Lead	207-1	195.39	184.19	182.90	187.50	3.66	ppb
Lead	208-1	209.72	196.79	194.82	200.44	4.04	ppb
Lithium	6-1				106		%
Magnesium	24-2	8076.35	8503.67	8420.19	8333.40	2.72	ppb
Manganese	55-2	907.10	934.38	918.91	920.13	1.49	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:24:34	DataFile Name :	029SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.03	4.08	3.84	3.98	3.11	ppb
Molybdenum	95-1	0.64	0.64	0.74	0.67	8.62	ppb
Molybdenum	96-1	1.20	1.12	1.11	1.14	4.29	ppb
Molybdenum	97-1	0.66	0.69	0.81	0.72	10.97	ppb
Molybdenum	98-1	0.78	0.68	0.68	0.71	7.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.67	40.07	38.87	39.53	1.55	ppb
Phosphorus	31-2	497.26	416.87	445.70	453.28	8.98	ppb
Potassium	39-2	1491.35	1541.47	1538.03	1523.62	1.84	ppb
Rhodium	103-1				108		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				84		%
Selenium	77-2	45.83	66.27	66.48	59.53	19.93	ppb
Selenium	78-2	9.82	10.92	5.32	8.69	34.16	ppb
Selenium	82-1	0.11	-0.19	0.88	0.27	206.85	ppb
Silicon	28-1	1025.79	955.36	951.65	977.60	4.27	ppb
Silver	109-1	0.07	0.07	0.09	0.08	11.99	ppb
Silver	107-1	0.08	0.08	0.07	0.08	4.42	ppb
Sodium	23-2	735.73	785.21	750.50	757.14	3.35	ppb
Strontium	86-1	63.71	60.64	61.38	61.91	2.59	ppb
Strontium	88-1	65.91	62.17	61.42	63.17	3.81	ppb
Sulfur	34-1	-1456.37	-2318.50	-2316.97	-2030.61		ppb
Terbium	159-1				119		%
Terbium	159-2				103		%
Thallium	203-1	0.27	0.23	0.22	0.24	12.31	ppb
Thallium	205-1	0.27	0.24	0.25	0.26	6.33	ppb
Tin	118-1	2.15	2.01	1.94	2.03	5.24	ppb
Titanium	47-1	23.48	22.95	20.88	22.44	6.12	ppb
Uranium	238-1	0.93	0.88	0.87	0.89	3.68	ppb
Vanadium	51-2	38.68	41.91	41.03	40.54	4.13	ppb
Yttrium	89-1				116		%
Yttrium	89-2				96		%
Zinc	66-2	119.35	122.51	120.64	120.83	1.31	ppb
Zirconium	90-1	2.38	2.32	2.20	2.30	3.92	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:24:34	DataFile Name :	029SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.34	2.12	2.08	2.18	6.40	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:27:44	DataFile Name :	030SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3909.82	3850.88	3835.94	3865.54	1.01	ppb
Antimony	121-1	0.24	0.20	0.19	0.21	11.14	ppb
Arsenic	75-2	1.31	0.96	1.52	1.27	22.31	ppb
Barium	135-1	157.70	149.73	143.06	150.16	4.88	ppb
Barium	137-1	157.95	147.05	142.47	149.15	5.33	ppb
Beryllium	9-1	0.33	0.30	0.30	0.31	6.94	ppb
Bismuth	209-1				120		%
Bismuth	209-2				103		%
Boron	10-1	5.35	3.92	3.21	4.16	26.27	ppb
Boron	11-1	4.72	4.08	4.17	4.32	8.10	ppb
Cadmium	111-1	0.06	-0.04	0.00	0.01	609.30	ppb
Cadmium	106-1	-0.15	-0.92	-1.04	-0.71		ppb
Cadmium	108-1	0.45	0.54	0.13	0.38	57.18	ppb
Calcium	43-1	18544.89	17574.42	17043.83	17721.05	4.30	ppb
Calcium	44-1	18491.19	17542.65	17068.56	17700.80	4.09	ppb
Chromium	52-2	7.95	8.45	7.89	8.10	3.82	ppb
Cobalt	59-2	6.13	6.10	6.09	6.11	0.26	ppb
Copper	63-2	7.56	7.82	7.88	7.76	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				90		%
Iron	56-2	6731.79	7121.73	6830.05	6894.52	2.94	ppb
Iron	57-2	6606.69	6605.09	6695.04	6635.61	0.78	ppb
Lead	206-1	8.56	7.95	7.81	8.11	4.92	ppb
Lead	207-1	7.59	7.27	6.98	7.28	4.14	ppb
Lead	208-1	8.02	7.59	7.37	7.66	4.31	ppb
Lithium	6-1				103		%
Magnesium	24-2	8263.48	8475.11	8442.81	8393.80	1.36	ppb
Manganese	55-2	752.34	775.22	770.59	766.05	1.58	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:27:44	DataFile Name :	030SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.51	5.18	5.32	5.34	3.06	ppb
Molybdenum	95-1	0.05	0.06	0.01	0.04	62.17	ppb
Molybdenum	96-1	0.75	0.67	0.70	0.70	5.96	ppb
Molybdenum	97-1	0.06	0.08	0.04	0.06	28.77	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	15.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.48	16.09	15.53	15.37	5.31	ppb
Phosphorus	31-2	538.10	667.66	696.03	633.93	13.28	ppb
Potassium	39-2	589.66	503.44	627.84	573.65	11.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				79		%
Selenium	77-2	19.91	34.36	20.55	24.94	32.73	ppb
Selenium	78-2	0.97	3.36	4.78	3.04	63.37	ppb
Selenium	82-1	1.16	-0.08	0.82	0.63	101.00	ppb
Silicon	28-1	1174.42	1129.12	1125.40	1142.98	2.39	ppb
Silver	109-1	0.06	0.06	0.05	0.05	10.63	ppb
Silver	107-1	0.05	0.03	0.05	0.04	21.67	ppb
Sodium	23-2	262.08	247.16	247.08	252.10	3.43	ppb
Strontium	86-1	26.68	24.96	24.88	25.51	3.98	ppb
Strontium	88-1	27.39	25.79	25.07	26.08	4.55	ppb
Sulfur	34-1	-2750.74	-3376.84	-3682.25	-3269.94		ppb
Terbium	159-1				115		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.07	0.05	0.06	9.34	ppb
Thallium	205-1	0.07	0.05	0.08	0.07	20.73	ppb
Tin	118-1	0.67	0.67	0.57	0.64	8.61	ppb
Titanium	47-1	80.66	61.60	58.79	67.02	17.75	ppb
Uranium	238-1	0.43	0.38	0.38	0.40	6.45	ppb
Vanadium	51-2	9.45	9.65	9.25	9.45	2.10	ppb
Yttrium	89-1				108		%
Yttrium	89-2				89		%
Zinc	66-2	25.90	23.92	23.69	24.50	4.97	ppb
Zirconium	90-1	3.72	3.96	3.46	3.71	6.84	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:27:44	DataFile Name :	030SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.61	3.44	3.50	3.52	2.47	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:30:54	DataFile Name :	031SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17061.53	17291.59	16549.67	16967.59	2.24	ppb
Antimony	121-1	0.31	0.28	0.26	0.28	8.37	ppb
Arsenic	75-2	12.61	14.25	12.28	13.05	8.11	ppb
Barium	135-1	393.66	395.97	391.77	393.80	0.53	ppb
Barium	137-1	393.98	399.57	393.73	395.76	0.84	ppb
Beryllium	9-1	1.81	1.94	1.81	1.86	3.98	ppb
Bismuth	209-1				126		%
Bismuth	209-2				102		%
Boron	10-1	5.19	5.45	5.20	5.28	2.80	ppb
Boron	11-1	5.47	5.29	5.49	5.42	2.08	ppb
Cadmium	111-1	0.93	0.95	0.85	0.91	6.06	ppb
Cadmium	106-1	0.80	0.71	-0.52	0.33	223.12	ppb
Cadmium	108-1	1.47	1.03	1.33	1.28	17.75	ppb
Calcium	43-1	51596.64	51564.96	51699.61	51620.40	0.14	ppb
Calcium	44-1	50760.18	51909.86	51608.85	51426.30	1.16	ppb
Chromium	52-2	25.47	27.45	27.36	26.76	4.17	ppb
Cobalt	59-2	16.21	17.24	17.26	16.91	3.55	ppb
Copper	63-2	42.97	44.20	43.71	43.62	1.42	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				121		%
Holmium	165-2				102		%
Indium	115-1				112		%
Indium	115-2				88		%
Iron	56-2	29809.41	30773.76	30599.55	30394.24	1.69	ppb
Iron	57-2	29084.74	30291.92	29844.35	29740.34	2.05	ppb
Lead	206-1	34.53	33.30	33.81	33.88	1.82	ppb
Lead	207-1	30.13	29.38	29.48	29.66	1.36	ppb
Lead	208-1	31.93	31.45	31.50	31.63	0.84	ppb
Lithium	6-1				107		%
Magnesium	24-2	13340.39	13743.21	13653.48	13579.03	1.56	ppb
Manganese	55-2	934.77	946.74	957.20	946.24	1.19	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:30:54	DataFile Name :	031SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.33	8.84	8.41	8.52	3.25	ppb
Molybdenum	95-1	0.47	0.51	0.44	0.47	7.22	ppb
Molybdenum	96-1	1.51	1.47	1.54	1.51	2.62	ppb
Molybdenum	97-1	0.48	0.43	0.50	0.47	7.09	ppb
Molybdenum	98-1	0.46	0.50	0.46	0.47	5.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.65	43.57	42.13	42.12	3.46	ppb
Phosphorus	31-2	1145.11	757.31	861.91	921.44	21.77	ppb
Potassium	39-2	3156.26	3373.55	3333.82	3287.87	3.52	ppb
Rhodium	103-1				107		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				77		%
Selenium	77-2	116.41	83.03	88.58	96.01	18.63	ppb
Selenium	78-2	12.30	17.21	18.04	15.85	19.59	ppb
Selenium	82-1	1.25	0.70	0.88	0.95	29.65	ppb
Silicon	28-1	2100.90	2092.72	1977.61	2057.08	3.35	ppb
Silver	109-1	0.11	0.15	0.13	0.13	15.85	ppb
Silver	107-1	0.12	0.13	0.18	0.14	21.43	ppb
Sodium	23-2	554.60	618.55	587.08	586.74	5.45	ppb
Strontium	86-1	135.31	137.24	136.89	136.48	0.76	ppb
Strontium	88-1	138.52	142.06	140.82	140.47	1.28	ppb
Sulfur	34-1	-3680.54	-3578.28	-3393.27	-3550.70		ppb
Terbium	159-1				121		%
Terbium	159-2				100		%
Thallium	203-1	0.45	0.47	0.47	0.46	1.72	ppb
Thallium	205-1	0.48	0.48	0.50	0.49	2.98	ppb
Tin	118-1	1.54	1.57	1.54	1.55	1.08	ppb
Titanium	47-1	51.64	47.40	57.93	52.32	10.13	ppb
Uranium	238-1	1.96	1.96	2.04	1.99	2.39	ppb
Vanadium	51-2	45.88	47.91	47.43	47.07	2.25	ppb
Yttrium	89-1				119		%
Yttrium	89-2				94		%
Zinc	66-2	104.37	119.07	112.01	111.82	6.58	ppb
Zirconium	90-1	5.33	5.31	5.44	5.36	1.30	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:30:54	DataFile Name :	031SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.51	5.11	5.13	5.25	4.26	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:34:04	DataFile Name :	032SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15220.84	15591.41	15027.42	15279.89	1.88	ppb
Antimony	121-1	0.32	0.29	0.34	0.32	7.77	ppb
Arsenic	75-2	14.19	15.28	16.75	15.41	8.32	ppb
Barium	135-1	318.45	320.51	317.02	318.66	0.55	ppb
Barium	137-1	319.71	316.08	314.70	316.83	0.82	ppb
Beryllium	9-1	1.54	1.83	1.63	1.67	8.96	ppb
Bismuth	209-1				125		%
Bismuth	209-2				102		%
Boron	10-1	4.32	5.75	6.63	5.57	21.00	ppb
Boron	11-1	5.65	6.22	5.98	5.95	4.83	ppb
Cadmium	111-1	0.13	0.17	0.15	0.15	10.45	ppb
Cadmium	106-1	-0.20	0.83	0.43	0.35	147.92	ppb
Cadmium	108-1	0.76	0.76	0.44	0.66	28.13	ppb
Calcium	43-1	15380.58	15496.46	15414.31	15430.45	0.39	ppb
Calcium	44-1	15441.68	15565.44	15602.62	15536.58	0.54	ppb
Chromium	52-2	26.24	26.50	26.03	26.26	0.89	ppb
Cobalt	59-2	17.75	17.80	17.32	17.62	1.50	ppb
Copper	63-2	43.00	43.28	41.82	42.70	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				102		%
Indium	115-1				111		%
Indium	115-2				90		%
Iron	56-2	27870.97	27658.54	27176.43	27568.64	1.29	ppb
Iron	57-2	27402.06	26894.27	26840.55	27045.63	1.15	ppb
Lead	206-1	29.03	28.95	28.24	28.74	1.51	ppb
Lead	207-1	25.67	25.56	25.21	25.48	0.93	ppb
Lead	208-1	27.28	27.15	26.62	27.02	1.29	ppb
Lithium	6-1				107		%
Magnesium	24-2	14902.71	14674.31	14494.99	14690.67	1.39	ppb
Manganese	55-2	507.53	509.95	494.23	503.91	1.68	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:34:04	DataFile Name :	032SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.68	7.38	7.80	7.62	2.84	ppb
Molybdenum	95-1	0.60	0.60	0.54	0.58	5.67	ppb
Molybdenum	96-1	1.41	1.42	1.47	1.43	2.03	ppb
Molybdenum	97-1	0.51	0.61	0.50	0.54	10.40	ppb
Molybdenum	98-1	0.43	0.49	0.54	0.48	11.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.14	43.40	43.53	43.69	0.91	ppb
Phosphorus	31-2	891.45	948.36	905.89	915.23	3.23	ppb
Potassium	39-2	2688.66	2654.59	2649.03	2664.09	0.81	ppb
Rhodium	103-1				107		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				78		%
Selenium	77-2	88.37	74.17	95.33	85.96	12.55	ppb
Selenium	78-2	8.85	11.09	6.56	8.83	25.66	ppb
Selenium	82-1	0.85	0.28	-0.33	0.27	218.18	ppb
Silicon	28-1	1206.87	1236.02	1221.76	1221.55	1.19	ppb
Silver	109-1	0.15	0.15	0.16	0.15	3.46	ppb
Silver	107-1	0.13	0.17	0.14	0.14	15.14	ppb
Sodium	23-2	459.47	427.51	422.57	436.52	4.59	ppb
Strontium	86-1	56.86	57.46	57.41	57.24	0.58	ppb
Strontium	88-1	56.93	56.97	57.34	57.08	0.40	ppb
Sulfur	34-1	-3860.76	-3747.05	-3734.42	-3780.74		ppb
Terbium	159-1				120		%
Terbium	159-2				101		%
Thallium	203-1	0.35	0.38	0.36	0.36	4.29	ppb
Thallium	205-1	0.39	0.40	0.38	0.39	2.57	ppb
Tin	118-1	1.40	1.40	1.48	1.43	3.26	ppb
Titanium	47-1	70.91	66.94	72.42	70.09	4.04	ppb
Uranium	238-1	1.13	1.16	1.17	1.15	1.63	ppb
Vanadium	51-2	40.57	39.45	38.86	39.63	2.19	ppb
Yttrium	89-1				117		%
Yttrium	89-2				95		%
Zinc	66-2	109.54	110.16	108.68	109.46	0.68	ppb
Zirconium	90-1	4.67	4.69	4.56	4.64	1.52	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:34:04	DataFile Name :	032SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.78	4.54	4.60	4.64	2.78	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:37:15	DataFile Name :	033SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16802.08	16860.34	17594.23	17085.55	2.58	ppb
Antimony	121-1	0.36	0.33	0.33	0.34	5.19	ppb
Arsenic	75-2	6.14	6.05	6.65	6.28	5.13	ppb
Barium	135-1	367.24	377.66	362.67	369.19	2.08	ppb
Barium	137-1	367.22	378.68	365.82	370.57	1.90	ppb
Beryllium	9-1	1.75	1.89	1.80	1.82	3.93	ppb
Bismuth	209-1				122		%
Bismuth	209-2				103		%
Boron	10-1	6.67	7.19	6.19	6.68	7.44	ppb
Boron	11-1	7.08	7.43	6.08	6.86	10.23	ppb
Cadmium	111-1	0.06	0.08	0.20	0.11	65.68	ppb
Cadmium	106-1	-0.87	-1.13	1.32	-0.23		ppb
Cadmium	108-1	0.57	0.46	0.64	0.56	16.12	ppb
Calcium	43-1	22006.34	23067.59	22212.23	22428.72	2.51	ppb
Calcium	44-1	22321.84	22964.65	22071.00	22452.49	2.05	ppb
Chromium	52-2	29.61	28.34	29.18	29.04	2.23	ppb
Cobalt	59-2	21.16	21.25	21.63	21.35	1.16	ppb
Copper	63-2	35.36	36.23	35.69	35.76	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				90		%
Iron	56-2	29706.40	29756.02	30189.45	29883.96	0.89	ppb
Iron	57-2	29008.09	28939.91	29356.33	29101.44	0.77	ppb
Lead	206-1	28.62	29.07	28.39	28.69	1.19	ppb
Lead	207-1	24.93	26.16	25.15	25.41	2.58	ppb
Lead	208-1	26.84	27.66	26.56	27.02	2.10	ppb
Lithium	6-1				106		%
Magnesium	24-2	16833.54	16958.78	17154.22	16982.18	0.95	ppb
Manganese	55-2	588.23	582.19	601.85	590.76	1.70	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:37:15	DataFile Name :	033SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.93	7.56	7.15	7.21	4.47	ppb
Molybdenum	95-1	0.18	0.19	0.22	0.20	11.09	ppb
Molybdenum	96-1	1.03	1.07	1.09	1.07	2.92	ppb
Molybdenum	97-1	0.26	0.25	0.20	0.24	12.89	ppb
Molybdenum	98-1	0.19	0.19	0.20	0.19	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.97	50.68	50.38	51.01	1.65	ppb
Phosphorus	31-2	960.20	576.16	943.24	826.53	26.25	ppb
Potassium	39-2	2946.72	2912.41	3031.67	2963.60	2.07	ppb
Rhodium	103-1				106		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				79		%
Selenium	77-2	60.21	115.96	96.09	90.75	31.13	ppb
Selenium	78-2	17.91	8.82	16.99	14.57	34.31	ppb
Selenium	82-1	-0.12	0.21	0.09	0.06	269.60	ppb
Silicon	28-1	1384.74	1443.30	1416.70	1414.92	2.07	ppb
Silver	109-1	0.13	0.16	0.12	0.14	12.84	ppb
Silver	107-1	0.12	0.13	0.12	0.12	4.69	ppb
Sodium	23-2	505.98	516.53	541.04	521.19	3.45	ppb
Strontium	86-1	74.23	79.85	74.38	76.15	4.21	ppb
Strontium	88-1	76.52	79.59	76.75	77.62	2.20	ppb
Sulfur	34-1	-3954.34	-3516.05	-3999.20	-3823.20		ppb
Terbium	159-1				118		%
Terbium	159-2				101		%
Thallium	203-1	0.41	0.37	0.38	0.38	5.12	ppb
Thallium	205-1	0.36	0.39	0.38	0.38	4.75	ppb
Tin	118-1	1.73	1.71	1.64	1.69	2.66	ppb
Titanium	47-1	61.61	64.16	60.71	62.16	2.88	ppb
Uranium	238-1	1.25	1.34	1.26	1.28	3.84	ppb
Vanadium	51-2	41.25	40.45	40.26	40.65	1.29	ppb
Yttrium	89-1				115		%
Yttrium	89-2				95		%
Zinc	66-2	111.37	119.06	115.09	115.17	3.34	ppb
Zirconium	90-1	4.68	4.73	4.56	4.66	1.85	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:37:15	DataFile Name :	033SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.61	4.61	4.46	4.56	1.90	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:40:26	DataFile Name :	034SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10827.42	11487.08	11346.59	11220.36	3.10	ppb
Antimony	121-1	0.31	0.30	0.32	0.31	3.27	ppb
Arsenic	75-2	14.08	13.22	14.21	13.83	3.86	ppb
Barium	135-1	423.26	413.19	430.64	422.36	2.07	ppb
Barium	137-1	422.28	414.37	431.74	422.80	2.06	ppb
Beryllium	9-1	1.44	1.24	1.16	1.28	11.15	ppb
Bismuth	209-1				125		%
Bismuth	209-2				101		%
Boron	10-1	5.19	3.06	5.48	4.58	28.96	ppb
Boron	11-1	4.52	4.85	4.65	4.67	3.58	ppb
Cadmium	111-1	0.32	0.31	0.17	0.26	32.07	ppb
Cadmium	106-1	1.20	0.03	-1.39	-0.05		ppb
Cadmium	108-1	1.10	0.64	0.78	0.84	28.71	ppb
Calcium	43-1	35801.52	35332.40	36014.13	35716.02	0.98	ppb
Calcium	44-1	35720.37	34811.05	35873.56	35468.33	1.62	ppb
Chromium	52-2	21.92	23.01	22.94	22.62	2.71	ppb
Cobalt	59-2	13.07	14.04	14.44	13.85	5.10	ppb
Copper	63-2	24.38	26.08	25.85	25.44	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				99		%
Indium	115-1				112		%
Indium	115-2				87		%
Iron	56-2	21317.17	22512.24	22723.82	22184.41	3.42	ppb
Iron	57-2	20685.76	21971.99	22169.02	21608.92	3.73	ppb
Lead	206-1	20.83	20.52	20.82	20.73	0.85	ppb
Lead	207-1	18.33	18.27	18.36	18.32	0.25	ppb
Lead	208-1	19.49	19.39	19.58	19.49	0.48	ppb
Lithium	6-1				107		%
Magnesium	24-2	10824.07	11441.72	11791.32	11352.37	4.31	ppb
Manganese	55-2	888.73	945.17	945.09	926.33	3.51	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:40:26	DataFile Name :	034SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.77	9.00	9.57	9.44	4.21	ppb
Molybdenum	95-1	0.93	0.96	0.95	0.95	1.85	ppb
Molybdenum	96-1	2.08	2.09	2.01	2.06	2.23	ppb
Molybdenum	97-1	0.92	1.01	0.83	0.92	9.75	ppb
Molybdenum	98-1	0.86	0.93	0.90	0.90	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.38	32.59	33.17	32.71	1.25	ppb
Phosphorus	31-2	551.75	697.74	668.90	639.46	12.09	ppb
Potassium	39-2	1778.73	1901.73	1809.36	1829.94	3.50	ppb
Rhodium	103-1				108		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				75		%
Selenium	77-2	69.30	123.21	67.19	86.57	36.68	ppb
Selenium	78-2	5.60	21.57	9.95	12.37	66.73	ppb
Selenium	82-1	0.27	0.63	0.19	0.36	65.25	ppb
Silicon	28-1	1395.30	1333.00	1309.71	1346.00	3.29	ppb
Silver	109-1	0.08	0.07	0.06	0.07	21.55	ppb
Silver	107-1	0.05	0.06	0.05	0.06	7.93	ppb
Sodium	23-2	449.79	474.46	491.81	472.02	4.47	ppb
Strontium	86-1	61.79	61.45	63.68	62.30	1.93	ppb
Strontium	88-1	62.97	62.85	63.84	63.22	0.86	ppb
Sulfur	34-1	-3621.31	-3628.06	-3229.21	-3492.86		ppb
Terbium	159-1				120		%
Terbium	159-2				98		%
Thallium	203-1	0.27	0.25	0.23	0.25	7.57	ppb
Thallium	205-1	0.30	0.27	0.27	0.28	5.11	ppb
Tin	118-1	1.29	1.24	1.19	1.24	4.19	ppb
Titanium	47-1	63.56	53.74	56.69	57.99	8.69	ppb
Uranium	238-1	1.04	1.05	1.08	1.06	1.95	ppb
Vanadium	51-2	31.07	31.61	33.51	32.06	3.99	ppb
Yttrium	89-1				115		%
Yttrium	89-2				89		%
Zinc	66-2	74.45	78.96	79.89	77.77	3.74	ppb
Zirconium	90-1	5.64	5.76	5.65	5.68	1.18	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:40:26	DataFile Name :	034SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.53	5.62	5.64	5.60	1.09	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:43:37	DataFile Name :	035SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12445.34	13424.51	13211.77	13027.21	3.95	ppb
Antimony	121-1	1.02	1.07	1.02	1.04	3.30	ppb
Arsenic	75-2	24.75	24.50	24.42	24.56	0.69	ppb
Barium	135-1	518.11	524.20	515.88	519.40	0.83	ppb
Barium	137-1	520.82	518.65	512.22	517.23	0.87	ppb
Beryllium	9-1	1.97	1.77	2.02	1.92	6.83	ppb
Bismuth	209-1				131		%
Bismuth	209-2				103		%
Boron	10-1	4.73	3.41	2.44	3.53	32.62	ppb
Boron	11-1	3.27	3.35	2.72	3.11	11.04	ppb
Cadmium	111-1	1.67	1.65	1.72	1.68	2.25	ppb
Cadmium	106-1	0.95	0.74	0.83	0.84	12.70	ppb
Cadmium	108-1	2.08	2.51	1.86	2.15	15.34	ppb
Calcium	43-1	27662.29	27674.65	27741.59	27692.84	0.15	ppb
Calcium	44-1	27539.30	27522.37	27406.90	27489.52	0.26	ppb
Chromium	52-2	146.30	162.45	158.01	155.59	5.36	ppb
Cobalt	59-2	29.93	32.46	32.16	31.52	4.38	ppb
Copper	63-2	54.73	58.38	58.18	57.09	3.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				101		%
Indium	115-1				115		%
Indium	115-2				89		%
Iron	56-2	33565.32	36813.75	35961.10	35446.72	4.75	ppb
Iron	57-2	32832.68	35953.66	35347.25	34711.20	4.77	ppb
Lead	206-1	95.19	95.40	95.29	95.29	0.11	ppb
Lead	207-1	86.32	86.26	86.48	86.35	0.13	ppb
Lead	208-1	90.60	90.76	90.80	90.72	0.12	ppb
Lithium	6-1				109		%
Magnesium	24-2	2348.04	2507.64	2446.81	2434.16	3.31	ppb
Manganese	55-2	1546.60	1674.90	1645.18	1622.23	4.14	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:43:37	DataFile Name :	035SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.41	6.28	6.07	6.25	2.78	ppb
Molybdenum	95-1	1.09	1.11	1.11	1.10	1.12	ppb
Molybdenum	96-1	1.77	1.83	1.72	1.77	3.19	ppb
Molybdenum	97-1	1.15	1.03	1.06	1.08	6.04	ppb
Molybdenum	98-1	1.07	1.06	1.12	1.08	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.61	19.11	19.50	18.74	5.32	ppb
Phosphorus	31-2	81.16	244.18	163.94	163.09	49.98	ppb
Potassium	39-2	604.86	658.63	617.98	627.16	4.47	ppb
Rhodium	103-1				111		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				76		%
Selenium	77-2	54.02	101.26	41.95	65.74	47.68	ppb
Selenium	78-2	5.47	7.04	13.05	8.52	46.90	ppb
Selenium	82-1	0.65	0.48	0.64	0.59	16.40	ppb
Silicon	28-1	1400.05	1407.14	1462.56	1423.25	2.41	ppb
Silver	109-1	0.14	0.14	0.15	0.14	2.76	ppb
Silver	107-1	0.12	0.14	0.14	0.13	10.47	ppb
Sodium	23-2	225.26	275.24	247.12	249.20	10.05	ppb
Strontium	86-1	93.84	94.16	94.17	94.06	0.20	ppb
Strontium	88-1	96.53	97.51	97.84	97.29	0.70	ppb
Sulfur	34-1	-3703.19	-3872.82	-3591.26	-3722.42		ppb
Terbium	159-1				125		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.19	0.16	0.16	16.35	ppb
Thallium	205-1	0.18	0.17	0.16	0.17	4.99	ppb
Tin	118-1	3.13	3.08	2.88	3.03	4.45	ppb
Titanium	47-1	18.61	19.29	18.95	18.95	1.80	ppb
Uranium	238-1	1.43	1.41	1.48	1.44	2.55	ppb
Vanadium	51-2	68.89	74.56	74.39	72.61	4.44	ppb
Yttrium	89-1				119		%
Yttrium	89-2				91		%
Zinc	66-2	1526.33	1659.54	1625.24	1603.70	4.31	ppb
Zirconium	90-1	3.57	3.54	3.53	3.55	0.50	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:43:37	DataFile Name :	035SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.65	3.30	3.69	3.55	6.03	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:46:46	DataFile Name :	036SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11305.71	11722.97	10918.58	11315.76	3.56	ppb
Antimony	121-1	0.18	0.19	0.19	0.19	2.69	ppb
Arsenic	75-2	6.45	6.06	6.68	6.40	4.90	ppb
Barium	135-1	524.93	497.81	486.09	502.94	3.96	ppb
Barium	137-1	528.59	494.91	486.51	503.34	4.42	ppb
Beryllium	9-1	1.86	1.95	1.65	1.82	8.70	ppb
Bismuth	209-1				127		%
Bismuth	209-2				107		%
Boron	10-1	1.76	0.57	2.17	1.50	55.34	ppb
Boron	11-1	1.52	1.55	1.61	1.56	2.85	ppb
Cadmium	111-1	0.07	-0.08	-0.01	-0.01		ppb
Cadmium	106-1	0.52	-1.83	-0.87	-0.73		ppb
Cadmium	108-1	0.18	0.28	0.20	0.22	24.51	ppb
Calcium	43-1	7995.24	7463.77	7402.56	7620.53	4.28	ppb
Calcium	44-1	8215.09	7665.87	7592.53	7824.50	4.35	ppb
Chromium	52-2	14.30	14.34	14.21	14.28	0.46	ppb
Cobalt	59-2	17.95	18.58	18.34	18.29	1.75	ppb
Copper	63-2	14.53	14.66	13.89	14.36	2.89	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				122		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				93		%
Iron	56-2	24209.52	24166.67	23898.39	24091.53	0.70	ppb
Iron	57-2	23473.34	23602.64	23214.44	23430.14	0.84	ppb
Lead	206-1	34.39	32.48	32.03	32.96	3.80	ppb
Lead	207-1	30.76	29.08	28.63	29.49	3.81	ppb
Lead	208-1	32.62	30.75	30.36	31.24	3.87	ppb
Lithium	6-1				107		%
Magnesium	24-2	3417.96	3441.13	3361.35	3406.81	1.20	ppb
Manganese	55-2	670.76	679.15	659.69	669.86	1.46	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:46:46	DataFile Name :	036SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.52	3.23	3.01	3.25	7.81	ppb
Molybdenum	95-1	0.39	0.46	0.40	0.42	9.07	ppb
Molybdenum	96-1	0.89	0.88	0.81	0.86	5.38	ppb
Molybdenum	97-1	0.45	0.37	0.46	0.43	11.27	ppb
Molybdenum	98-1	0.44	0.43	0.38	0.41	7.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.51	16.03	15.33	15.95	3.72	ppb
Phosphorus	31-2	-23.65	11.05	44.27	10.56	321.65	ppb
Potassium	39-2	336.63	365.77	356.10	352.83	4.21	ppb
Rhodium	103-1				109		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				82		%
Selenium	77-2	31.76	59.38	93.46	61.54	50.22	ppb
Selenium	78-2	7.48	4.17	13.13	8.26	54.86	ppb
Selenium	82-1	0.12	0.90	0.60	0.54	72.07	ppb
Silicon	28-1	975.54	901.31	903.80	926.88	4.55	ppb
Silver	109-1	0.07	0.09	0.07	0.08	18.06	ppb
Silver	107-1	0.07	0.07	0.06	0.07	2.39	ppb
Sodium	23-2	239.87	230.06	231.05	233.66	2.31	ppb
Strontium	86-1	58.06	55.29	52.79	55.38	4.76	ppb
Strontium	88-1	59.64	55.31	54.00	56.31	5.24	ppb
Sulfur	34-1	-3210.91	-4296.17	-4348.57	-3951.89		ppb
Terbium	159-1				121		%
Terbium	159-2				104		%
Thallium	203-1	0.12	0.14	0.12	0.13	7.30	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	0.61	ppb
Tin	118-1	1.25	1.22	1.17	1.21	3.42	ppb
Titanium	47-1	9.92	9.40	10.51	9.94	5.57	ppb
Uranium	238-1	1.66	1.52	1.51	1.56	5.15	ppb
Vanadium	51-2	42.89	43.45	42.41	42.92	1.22	ppb
Yttrium	89-1				118		%
Yttrium	89-2				97		%
Zinc	66-2	20.41	20.92	21.81	21.05	3.36	ppb
Zirconium	90-1	2.04	1.86	1.83	1.91	6.08	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:46:46	DataFile Name :	036SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.96	1.94	1.83	1.91	3.74	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:49:57	DataFile Name :	037SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10414.98	10918.60	10796.38	10709.99	2.45	ppb
Antimony	121-1	0.21	0.20	0.19	0.20	6.09	ppb
Arsenic	75-2	6.25	5.92	6.09	6.09	2.65	ppb
Barium	135-1	423.96	380.11	383.85	395.97	6.14	ppb
Barium	137-1	423.78	378.52	382.67	394.99	6.33	ppb
Beryllium	9-1	1.90	1.98	1.86	1.91	3.24	ppb
Bismuth	209-1				127		%
Bismuth	209-2				107		%
Boron	10-1	2.40	1.51	0.99	1.63	43.76	ppb
Boron	11-1	1.52	1.14	1.36	1.34	14.22	ppb
Cadmium	111-1	0.13	0.06	0.11	0.10	35.54	ppb
Cadmium	106-1	-0.34	-0.94	0.21	-0.36		ppb
Cadmium	108-1	0.39	0.50	0.35	0.41	18.64	ppb
Calcium	43-1	7156.03	6516.26	6645.29	6772.53	5.00	ppb
Calcium	44-1	7435.60	6706.84	6568.58	6903.67	6.75	ppb
Chromium	52-2	13.53	14.39	13.42	13.78	3.84	ppb
Cobalt	59-2	16.35	16.92	16.62	16.63	1.71	ppb
Copper	63-2	17.46	17.93	17.74	17.71	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				105		%
Indium	115-1				113		%
Indium	115-2				93		%
Iron	56-2	16692.51	16971.34	17049.00	16904.28	1.11	ppb
Iron	57-2	16061.38	16778.94	16629.14	16489.82	2.30	ppb
Lead	206-1	18.83	17.05	17.01	17.63	5.90	ppb
Lead	207-1	16.73	15.54	15.15	15.81	5.19	ppb
Lead	208-1	17.67	16.39	16.02	16.69	5.20	ppb
Lithium	6-1				107		%
Magnesium	24-2	5307.43	5347.31	5326.36	5327.03	0.37	ppb
Manganese	55-2	339.08	350.34	350.92	346.78	1.92	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:49:57	DataFile Name :	037SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.89	3.74	3.62	3.75	3.61	ppb
Molybdenum	95-1	0.24	0.21	0.29	0.25	16.03	ppb
Molybdenum	96-1	0.75	0.65	0.70	0.70	7.20	ppb
Molybdenum	97-1	0.27	0.28	0.28	0.28	1.80	ppb
Molybdenum	98-1	0.27	0.21	0.25	0.25	12.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.14	26.82	26.20	26.05	3.26	ppb
Phosphorus	31-2	113.46	150.86	220.62	161.65	33.65	ppb
Potassium	39-2	579.77	653.37	622.06	618.40	5.97	ppb
Rhodium	103-1				110		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				81		%
Selenium	77-2	71.91	78.46	71.53	73.97	5.27	ppb
Selenium	78-2	16.25	7.38	12.85	12.16	36.80	ppb
Selenium	82-1	0.23	0.94	-0.26	0.30	198.42	ppb
Silicon	28-1	1191.25	1068.98	1089.84	1116.69	5.86	ppb
Silver	109-1	0.04	0.05	0.05	0.05	18.45	ppb
Silver	107-1	0.03	0.03	0.03	0.03	4.80	ppb
Sodium	23-2	306.22	314.63	301.94	307.59	2.10	ppb
Strontium	86-1	55.46	51.43	49.82	52.24	5.56	ppb
Strontium	88-1	56.56	51.56	51.06	53.06	5.73	ppb
Sulfur	34-1	-3294.33	-4396.41	-4607.84	-4099.52		ppb
Terbium	159-1				121		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.15	0.12	0.15	20.09	ppb
Thallium	205-1	0.17	0.14	0.16	0.15	9.28	ppb
Tin	118-1	1.07	0.99	0.96	1.01	5.78	ppb
Titanium	47-1	32.81	30.08	29.56	30.82	5.68	ppb
Uranium	238-1	0.84	0.81	0.78	0.81	3.53	ppb
Vanadium	51-2	26.90	26.94	27.30	27.05	0.82	ppb
Yttrium	89-1				119		%
Yttrium	89-2				98		%
Zinc	66-2	39.51	42.55	42.38	41.48	4.11	ppb
Zirconium	90-1	2.38	2.24	2.16	2.26	4.87	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:49:57	DataFile Name :	037SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.51	2.16	2.25	2.31	7.88	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:53:08	DataFile Name :	038SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11253.82	11261.27	11114.63	11209.91	0.74	ppb
Antimony	121-1	0.22	0.23	0.23	0.23	4.03	ppb
Arsenic	75-2	4.47	4.59	3.93	4.33	8.08	ppb
Barium	135-1	415.75	414.89	414.63	415.09	0.14	ppb
Barium	137-1	418.04	412.69	414.07	414.93	0.67	ppb
Beryllium	9-1	1.08	1.28	0.97	1.11	14.00	ppb
Bismuth	209-1				129		%
Bismuth	209-2				106		%
Boron	10-1	1.72	1.29	2.37	1.79	30.23	ppb
Boron	11-1	2.75	2.03	2.04	2.28	18.25	ppb
Cadmium	111-1	0.11	0.04	0.14	0.10	52.36	ppb
Cadmium	106-1	-0.21	-1.20	-1.13	-0.85		ppb
Cadmium	108-1	0.50	0.57	0.68	0.59	15.95	ppb
Calcium	43-1	5321.64	5248.14	5253.14	5274.31	0.78	ppb
Calcium	44-1	5322.71	5201.10	5210.48	5244.76	1.29	ppb
Chromium	52-2	15.90	15.61	15.88	15.80	1.01	ppb
Cobalt	59-2	12.79	12.15	12.53	12.49	2.57	ppb
Copper	63-2	14.85	15.32	15.13	15.10	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				105		%
Indium	115-1				117		%
Indium	115-2				94		%
Iron	56-2	17025.99	16790.46	17097.67	16971.37	0.95	ppb
Iron	57-2	16590.84	16240.59	16789.32	16540.25	1.68	ppb
Lead	206-1	12.32	12.06	11.98	12.12	1.47	ppb
Lead	207-1	10.89	10.83	10.60	10.77	1.41	ppb
Lead	208-1	11.51	11.32	11.37	11.40	0.83	ppb
Lithium	6-1				110		%
Magnesium	24-2	5193.82	5110.43	5169.77	5158.01	0.83	ppb
Manganese	55-2	507.45	505.87	517.30	510.21	1.21	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:53:08	DataFile Name :	038SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.25	6.46	6.48	6.40	2.05	ppb
Molybdenum	95-1	0.51	0.46	0.55	0.51	9.16	ppb
Molybdenum	96-1	1.33	1.28	1.20	1.27	4.90	ppb
Molybdenum	97-1	0.40	0.45	0.55	0.47	15.64	ppb
Molybdenum	98-1	0.52	0.49	0.46	0.49	5.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.16	31.17	32.19	32.17	3.08	ppb
Phosphorus	31-2	381.67	313.28	561.05	418.67	30.56	ppb
Potassium	39-2	866.61	834.66	896.07	865.78	3.55	ppb
Rhodium	103-1				113		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				83		%
Selenium	77-2	89.04	115.62	83.30	95.99	17.97	ppb
Selenium	78-2	12.46	15.75	9.35	12.52	25.54	ppb
Selenium	82-1	-0.32	1.21	0.38	0.43	179.68	ppb
Silicon	28-1	1357.47	1340.05	1277.07	1324.86	3.19	ppb
Silver	109-1	0.02	0.04	0.03	0.03	36.75	ppb
Silver	107-1	0.03	0.02	0.03	0.03	35.20	ppb
Sodium	23-2	278.94	291.31	311.76	294.00	5.64	ppb
Strontium	86-1	39.72	39.78	39.87	39.79	0.19	ppb
Strontium	88-1	40.38	40.16	41.84	40.79	2.23	ppb
Sulfur	34-1	-5087.50	-5250.08	-5273.97	-5203.85		ppb
Terbium	159-1				126		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.17	0.18	0.17	10.17	ppb
Thallium	205-1	0.20	0.20	0.19	0.20	2.37	ppb
Tin	118-1	1.09	1.17	1.08	1.11	4.29	ppb
Titanium	47-1	53.79	52.60	54.85	53.75	2.10	ppb
Uranium	238-1	0.79	0.77	0.77	0.77	1.35	ppb
Vanadium	51-2	21.83	22.88	22.74	22.48	2.54	ppb
Yttrium	89-1				125		%
Yttrium	89-2				101		%
Zinc	66-2	50.89	52.29	52.89	52.02	1.97	ppb
Zirconium	90-1	3.97	3.96	3.88	3.93	1.20	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:53:08	DataFile Name :	038SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.81	3.87	3.89	3.86	1.15	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:56:20	DataFile Name :	039SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16940.17	17212.56	16321.45	16824.73	2.71	ppb
Antimony	121-1	0.41	0.43	0.41	0.42	1.83	ppb
Arsenic	75-2	57.32	57.76	58.10	57.73	0.67	ppb
Barium	135-1	1405.82	1395.44	1396.63	1399.30	0.41	ppb
Barium	137-1	1403.66	1377.74	1390.48	1390.62	0.93	ppb
Beryllium	9-1	2.41	2.13	1.82	2.12	13.80	ppb
Bismuth	209-1				130		%
Bismuth	209-2				107		%
Boron	10-1	2.87	2.67	3.27	2.94	10.46	ppb
Boron	11-1	2.75	2.96	2.35	2.69	11.48	ppb
Cadmium	111-1	0.12	0.12	0.02	0.08	71.26	ppb
Cadmium	106-1	-0.06	-0.10	-1.38	-0.51		ppb
Cadmium	108-1	0.47	0.69	0.50	0.55	21.56	ppb
Calcium	43-1	10492.43	10150.98	10246.96	10296.79	1.71	ppb
Calcium	44-1	10614.59	10430.99	10408.71	10484.76	1.08	ppb
Chromium	52-2	31.57	33.50	31.30	32.12	3.73	ppb
Cobalt	59-2	29.51	29.79	28.10	29.13	3.10	ppb
Copper	63-2	50.99	52.10	50.73	51.27	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				106		%
Indium	115-1				117		%
Indium	115-2				94		%
Iron	56-2	42759.85	43765.08	41695.08	42740.00	2.42	ppb
Iron	57-2	41371.53	42432.27	40655.75	41486.52	2.15	ppb
Lead	206-1	44.43	43.54	43.55	43.84	1.17	ppb
Lead	207-1	38.91	38.77	38.95	38.88	0.24	ppb
Lead	208-1	41.41	41.18	41.09	41.22	0.40	ppb
Lithium	6-1				110		%
Magnesium	24-2	10994.52	11136.16	10750.90	10960.53	1.78	ppb
Manganese	55-2	2906.26	2961.03	2832.39	2899.89	2.23	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:56:20	DataFile Name :	039SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.16	6.66	6.67	6.83	4.19	ppb
Molybdenum	95-1	2.00	1.95	1.93	1.96	1.90	ppb
Molybdenum	96-1	2.68	2.68	2.55	2.64	2.95	ppb
Molybdenum	97-1	1.95	2.04	1.97	1.99	2.24	ppb
Molybdenum	98-1	1.99	2.07	1.99	2.02	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.41	64.57	60.29	62.43	3.43	ppb
Phosphorus	31-2	1072.04	1139.30	1393.91	1201.75	14.13	ppb
Potassium	39-2	1797.44	1864.22	1962.52	1874.73	4.43	ppb
Rhodium	103-1				113		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				82		%
Selenium	77-2	54.63	119.42	61.68	78.58	45.23	ppb
Selenium	78-2	10.99	13.27	21.63	15.30	36.61	ppb
Selenium	82-1	-0.06	0.89	0.85	0.56	96.60	ppb
Silicon	28-1	1072.64	1039.93	1028.30	1046.96	2.20	ppb
Silver	109-1	0.04	0.04	0.04	0.04	10.18	ppb
Silver	107-1	0.03	0.03	0.04	0.03	16.88	ppb
Sodium	23-2	575.69	592.03	587.07	584.93	1.43	ppb
Strontium	86-1	59.91	59.40	60.01	59.77	0.55	ppb
Strontium	88-1	60.81	60.41	60.19	60.47	0.52	ppb
Sulfur	34-1	-5423.22	-5453.31	-5402.12	-5426.22		ppb
Terbium	159-1				125		%
Terbium	159-2				105		%
Thallium	203-1	0.40	0.40	0.39	0.40	1.47	ppb
Thallium	205-1	0.45	0.41	0.39	0.42	6.26	ppb
Tin	118-1	1.42	1.36	1.47	1.42	3.69	ppb
Titanium	47-1	47.06	46.06	45.04	46.05	2.19	ppb
Uranium	238-1	1.17	1.15	1.12	1.14	2.23	ppb
Vanadium	51-2	66.46	68.19	66.11	66.92	1.66	ppb
Yttrium	89-1				129		%
Yttrium	89-2				104		%
Zinc	66-2	134.07	134.28	126.84	131.73	3.21	ppb
Zirconium	90-1	3.48	3.54	3.44	3.49	1.55	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:56:20	DataFile Name :	039SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.37	3.61	3.29	3.42	4.87	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:59:29	DataFile Name :	040SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17253.71	16406.58	16618.51	16759.60	2.63	ppb
Antimony	121-1	0.42	0.43	0.45	0.44	2.92	ppb
Arsenic	75-2	57.38	57.33	59.61	58.11	2.24	ppb
Barium	135-1	1413.44	1427.14	1398.81	1413.13	1.00	ppb
Barium	137-1	1398.41	1399.06	1391.41	1396.29	0.30	ppb
Beryllium	9-1	2.37	2.42	2.28	2.36	3.02	ppb
Bismuth	209-1				128		%
Bismuth	209-2				107		%
Boron	10-1	3.56	2.46	3.25	3.09	18.35	ppb
Boron	11-1	2.76	2.72	2.80	2.76	1.40	ppb
Cadmium	111-1	0.07	0.22	0.12	0.14	55.93	ppb
Cadmium	106-1	-0.97	1.19	-0.88	-0.22		ppb
Cadmium	108-1	0.47	0.66	0.58	0.57	17.04	ppb
Calcium	43-1	10718.16	10524.85	10546.10	10596.37	1.00	ppb
Calcium	44-1	10651.06	10677.80	10677.11	10668.66	0.14	ppb
Chromium	52-2	33.91	32.52	31.90	32.78	3.14	ppb
Cobalt	59-2	29.82	28.31	28.84	28.99	2.64	ppb
Copper	63-2	53.28	51.39	51.01	51.89	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				106		%
Indium	115-1				116		%
Indium	115-2				94		%
Iron	56-2	44147.51	42228.44	42631.46	43002.47	2.35	ppb
Iron	57-2	42984.11	41416.91	41467.48	41956.17	2.12	ppb
Lead	206-1	44.09	44.25	44.58	44.31	0.56	ppb
Lead	207-1	39.12	39.32	39.84	39.43	0.93	ppb
Lead	208-1	41.48	41.72	41.80	41.67	0.40	ppb
Lithium	6-1				110		%
Magnesium	24-2	11292.15	10587.82	10843.61	10907.86	3.27	ppb
Manganese	55-2	2899.78	2802.38	2798.72	2833.63	2.02	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:59:29	DataFile Name :	040SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.76	7.07	6.90	6.91	2.27	ppb
Molybdenum	95-1	2.12	2.21	2.11	2.15	2.65	ppb
Molybdenum	96-1	2.62	2.89	2.77	2.76	5.01	ppb
Molybdenum	97-1	2.07	2.10	1.97	2.05	3.48	ppb
Molybdenum	98-1	2.01	2.13	2.06	2.07	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.09	62.63	62.03	62.92	1.68	ppb
Phosphorus	31-2	1120.54	1138.97	1216.30	1158.60	4.39	ppb
Potassium	39-2	1945.57	1888.91	1827.51	1887.33	3.13	ppb
Rhodium	103-1				113		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				83		%
Selenium	77-2	92.42	74.00	94.18	86.87	12.86	ppb
Selenium	78-2	21.33	8.98	19.65	16.66	40.23	ppb
Selenium	82-1	1.27	0.25	1.00	0.84	62.73	ppb
Silicon	28-1	1089.61	1061.22	1103.43	1084.75	1.98	ppb
Silver	109-1	0.04	0.04	0.05	0.04	13.69	ppb
Silver	107-1	0.03	0.02	0.04	0.03	25.98	ppb
Sodium	23-2	580.43	558.32	585.11	574.62	2.49	ppb
Strontium	86-1	60.09	61.90	61.10	61.03	1.49	ppb
Strontium	88-1	60.90	61.98	61.21	61.36	0.90	ppb
Sulfur	34-1	-5626.13	-5621.56	-5510.69	-5586.13		ppb
Terbium	159-1				124		%
Terbium	159-2				105		%
Thallium	203-1	0.42	0.47	0.40	0.43	8.49	ppb
Thallium	205-1	0.41	0.42	0.39	0.40	4.49	ppb
Tin	118-1	1.44	1.46	1.47	1.46	1.07	ppb
Titanium	47-1	47.94	46.09	47.85	47.29	2.20	ppb
Uranium	238-1	1.17	1.19	1.18	1.18	0.82	ppb
Vanadium	51-2	67.83	68.06	67.64	67.84	0.31	ppb
Yttrium	89-1				129		%
Yttrium	89-2				104		%
Zinc	66-2	133.11	132.00	126.24	130.45	2.83	ppb
Zirconium	90-1	3.58	3.66	3.55	3.60	1.48	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:59:29	DataFile Name :	040SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.44	3.55	3.50	3.50	1.60	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LX5	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-23 14:02:39	DataFile Name :	041SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3333.58	3294.33	3265.45	3297.79	1.04	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	12.19	ppb
Arsenic	75-2	11.76	12.50	11.62	11.96	3.95	ppb
Barium	135-1	265.41	269.52	265.81	266.91	0.85	ppb
Barium	137-1	267.61	267.74	268.42	267.92	0.16	ppb
Beryllium	9-1	0.30	0.31	0.32	0.31	2.58	ppb
Bismuth	209-1				129		%
Bismuth	209-2				108		%
Boron	10-1	-0.45	-0.02	0.61	0.05	1183.15	ppb
Boron	11-1	0.65	1.20	1.21	1.02	31.51	ppb
Cadmium	111-1	-0.09	-0.17	-0.05	-0.10		ppb
Cadmium	106-1	-1.83	-2.64	-0.81	-1.76		ppb
Cadmium	108-1	0.01	0.17	0.09	0.09	85.63	ppb
Calcium	43-1	2059.81	2038.70	2048.11	2048.87	0.52	ppb
Calcium	44-1	1990.63	2028.51	2003.05	2007.40	0.96	ppb
Chromium	52-2	6.09	5.93	6.00	6.00	1.32	ppb
Cobalt	59-2	5.43	5.70	5.71	5.61	2.84	ppb
Copper	63-2	9.65	9.98	9.95	9.86	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				106		%
Indium	115-1				117		%
Indium	115-2				96		%
Iron	56-2	8274.42	8405.35	8305.42	8328.40	0.82	ppb
Iron	57-2	7779.21	7954.16	8048.38	7927.25	1.72	ppb
Lead	206-1	8.48	8.39	8.75	8.54	2.17	ppb
Lead	207-1	7.35	7.37	7.82	7.51	3.50	ppb
Lead	208-1	7.91	7.90	8.10	7.97	1.44	ppb
Lithium	6-1				111		%
Magnesium	24-2	2078.24	2116.55	2083.01	2092.60	1.00	ppb
Manganese	55-2	553.97	561.24	558.92	558.04	0.66	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LX5	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-23 14:02:39	DataFile Name :	041SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.54	1.35	1.46	1.45	6.40	ppb
Molybdenum	95-1	0.38	0.41	0.40	0.40	3.23	ppb
Molybdenum	96-1	0.60	0.57	0.56	0.57	3.64	ppb
Molybdenum	97-1	0.44	0.38	0.37	0.40	9.28	ppb
Molybdenum	98-1	0.46	0.37	0.41	0.41	10.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.34	10.67	11.51	11.17	3.97	ppb
Phosphorus	31-2	273.04	44.03	111.44	142.84	82.39	ppb
Potassium	39-2	371.29	313.90	328.16	337.78	8.85	ppb
Rhodium	103-1				113		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				84		%
Selenium	77-2	32.77	11.84	4.78	16.46	88.41	ppb
Selenium	78-2	-0.30	0.86	0.85	0.47	141.70	ppb
Selenium	82-1	-0.08	-0.17	0.39	0.05	611.53	ppb
Silicon	28-1	225.34	213.51	202.91	213.92	5.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	46.52	ppb
Silver	107-1	0.00	0.00	0.01	0.00	102.12	ppb
Sodium	23-2	127.19	139.55	134.84	133.86	4.66	ppb
Strontium	86-1	13.32	13.00	12.88	13.06	1.76	ppb
Strontium	88-1	13.19	13.16	13.16	13.17	0.13	ppb
Sulfur	34-1	-5333.85	-5431.44	-5500.58	-5421.96		ppb
Terbium	159-1				123		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.04	0.06	0.04	39.95	ppb
Thallium	205-1	0.06	0.05	0.07	0.06	15.69	ppb
Tin	118-1	0.23	0.18	0.17	0.19	15.68	ppb
Titanium	47-1	8.83	9.09	9.06	8.99	1.60	ppb
Uranium	238-1	0.21	0.19	0.21	0.20	3.36	ppb
Vanadium	51-2	12.17	12.31	12.47	12.32	1.18	ppb
Yttrium	89-1				115		%
Yttrium	89-2				95		%
Zinc	66-2	24.56	24.69	26.45	25.23	4.17	ppb
Zirconium	90-1	0.75	0.78	0.78	0.77	1.69	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LX5	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-23 14:02:39	DataFile Name :	041SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.75	0.76	0.83	0.78	5.88	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:05:50	DataFile Name :	042SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16848.99	17027.36	16763.19	16879.85	0.80	ppb
Antimony	121-1	19.92	19.94	19.94	19.93	0.07	ppb
Arsenic	75-2	63.00	66.08	64.68	64.59	2.38	ppb
Barium	135-1	1801.88	1829.10	1805.00	1811.99	0.82	ppb
Barium	137-1	1788.22	1800.32	1791.82	1793.45	0.35	ppb
Beryllium	9-1	11.59	11.86	12.52	11.99	3.99	ppb
Bismuth	209-1				128		%
Bismuth	209-2				106		%
Boron	10-1	2.59	2.72	3.05	2.79	8.42	ppb
Boron	11-1	2.83	2.90	2.81	2.85	1.71	ppb
Cadmium	111-1	9.96	10.19	9.92	10.02	1.49	ppb
Cadmium	106-1	9.27	10.00	8.17	9.14	10.08	ppb
Cadmium	108-1	9.49	8.88	8.96	9.11	3.69	ppb
Calcium	43-1	10509.15	10545.08	10469.04	10507.76	0.36	ppb
Calcium	44-1	10560.57	10752.86	10611.46	10641.63	0.94	ppb
Chromium	52-2	73.58	74.52	70.51	72.87	2.87	ppb
Cobalt	59-2	130.83	131.70	127.79	130.11	1.58	ppb
Copper	63-2	101.35	102.42	98.55	100.78	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				105		%
Indium	115-1				115		%
Indium	115-2				94		%
Iron	56-2	42423.71	42599.17	41309.55	42110.81	1.66	ppb
Iron	57-2	41079.99	41784.10	40256.88	41040.32	1.86	ppb
Lead	206-1	48.10	47.90	47.54	47.85	0.59	ppb
Lead	207-1	42.92	42.57	43.04	42.85	0.58	ppb
Lead	208-1	45.40	45.49	45.24	45.38	0.29	ppb
Lithium	6-1				110		%
Magnesium	24-2	10829.68	10857.59	10561.47	10749.58	1.52	ppb
Manganese	55-2	2919.11	2926.70	2852.09	2899.30	1.42	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:05:50	DataFile Name :	042SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.92	6.67	6.98	6.85	2.35	ppb
Molybdenum	95-1	2.03	2.09	2.07	2.06	1.37	ppb
Molybdenum	96-1	2.68	2.52	2.72	2.64	3.90	ppb
Molybdenum	97-1	2.20	2.08	1.99	2.09	4.99	ppb
Molybdenum	98-1	2.08	1.97	2.06	2.04	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	163.26	166.05	161.41	163.57	1.43	ppb
Phosphorus	31-2	612.83	923.66	1097.45	877.98	27.96	ppb
Potassium	39-2	1834.21	1807.31	1776.24	1805.92	1.61	ppb
Rhodium	103-1				112		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				84		%
Selenium	77-2	86.79	133.19	106.56	108.85	21.39	ppb
Selenium	78-2	38.20	23.95	25.86	29.34	26.37	ppb
Selenium	82-1	17.98	18.57	17.52	18.02	2.93	ppb
Silicon	28-1	1078.32	1058.89	1070.33	1069.18	0.91	ppb
Silver	109-1	9.73	9.76	9.62	9.70	0.76	ppb
Silver	107-1	9.50	9.85	9.53	9.62	2.02	ppb
Sodium	23-2	557.28	562.07	559.80	559.72	0.43	ppb
Strontium	86-1	60.41	60.20	59.94	60.18	0.39	ppb
Strontium	88-1	61.14	60.76	61.48	61.13	0.59	ppb
Sulfur	34-1	-5504.81	-5355.26	-5393.63	-5417.90		ppb
Terbium	159-1				124		%
Terbium	159-2				104		%
Thallium	203-1	10.18	10.19	10.14	10.17	0.26	ppb
Thallium	205-1	10.18	10.19	10.03	10.13	0.89	ppb
Tin	118-1	1.46	1.42	1.43	1.44	1.46	ppb
Titanium	47-1	59.12	46.18	47.00	50.76	14.27	ppb
Uranium	238-1	1.18	1.17	1.16	1.17	1.12	ppb
Vanadium	51-2	164.64	166.71	159.72	163.69	2.19	ppb
Yttrium	89-1				128		%
Yttrium	89-2				103		%
Zinc	66-2	227.25	233.45	226.20	228.97	1.71	ppb
Zirconium	90-1	3.66	3.52	3.55	3.58	1.98	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:05:50	DataFile Name :	042SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.59	3.64	3.56	3.60	1.13	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:08:59	DataFile Name :	043SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10119.19	10153.17	10317.46	10196.61	1.04	ppb
Antimony	121-1	0.23	0.21	0.22	0.22	4.87	ppb
Arsenic	75-2	11.78	13.73	12.72	12.74	7.65	ppb
Barium	135-1	421.86	420.85	417.82	420.17	0.50	ppb
Barium	137-1	418.54	420.98	416.94	418.82	0.49	ppb
Beryllium	9-1	1.47	1.66	1.51	1.55	6.46	ppb
Bismuth	209-1				127		%
Bismuth	209-2				105		%
Boron	10-1	2.61	2.34	0.25	1.73	74.58	ppb
Boron	11-1	1.70	1.86	1.76	1.78	4.62	ppb
Cadmium	111-1	0.12	0.16	0.09	0.13	27.04	ppb
Cadmium	106-1	-1.29	-0.52	-1.46	-1.09		ppb
Cadmium	108-1	0.36	0.44	0.29	0.36	21.51	ppb
Calcium	43-1	22570.23	22272.72	22601.90	22481.62	0.81	ppb
Calcium	44-1	22508.71	22648.93	22750.84	22636.16	0.54	ppb
Chromium	52-2	16.42	16.47	16.63	16.51	0.65	ppb
Cobalt	59-2	13.54	14.29	13.98	13.94	2.71	ppb
Copper	63-2	25.69	26.92	26.60	26.41	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				104		%
Indium	115-1				114		%
Indium	115-2				91		%
Iron	56-2	26864.13	27806.13	27533.56	27401.27	1.77	ppb
Iron	57-2	26465.84	26836.52	26868.71	26723.69	0.84	ppb
Lead	206-1	15.45	15.36	15.36	15.39	0.35	ppb
Lead	207-1	13.76	13.73	13.72	13.74	0.18	ppb
Lead	208-1	14.56	14.44	14.42	14.47	0.53	ppb
Lithium	6-1				109		%
Magnesium	24-2	8046.60	8174.70	7983.98	8068.43	1.20	ppb
Manganese	55-2	382.11	391.66	389.06	387.61	1.27	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:08:59	DataFile Name :	043SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.55	3.49	3.55	3.53	1.03	ppb
Molybdenum	95-1	0.22	0.18	0.21	0.20	12.01	ppb
Molybdenum	96-1	0.72	0.69	0.65	0.69	5.04	ppb
Molybdenum	97-1	0.21	0.22	0.28	0.24	16.60	ppb
Molybdenum	98-1	0.22	0.23	0.19	0.22	9.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.73	34.93	36.19	35.28	2.25	ppb
Phosphorus	31-2	425.55	544.90	620.01	530.15	18.50	ppb
Potassium	39-2	1613.29	1620.40	1600.77	1611.49	0.62	ppb
Rhodium	103-1				110		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				80		%
Selenium	77-2	68.18	90.27	69.54	76.00	16.29	ppb
Selenium	78-2	11.27	6.73	6.80	8.26	31.47	ppb
Selenium	82-1	0.41	1.32	1.26	1.00	51.28	ppb
Silicon	28-1	1321.72	1262.15	1239.97	1274.61	3.32	ppb
Silver	109-1	0.08	0.06	0.06	0.07	15.45	ppb
Silver	107-1	0.04	0.06	0.05	0.05	13.99	ppb
Sodium	23-2	671.22	711.05	695.10	692.46	2.89	ppb
Strontium	86-1	66.31	65.06	66.74	66.04	1.32	ppb
Strontium	88-1	67.52	66.78	67.32	67.21	0.58	ppb
Sulfur	34-1	-4676.64	-4492.14	-4315.20	-4494.66		ppb
Terbium	159-1				122		%
Terbium	159-2				102		%
Thallium	203-1	0.23	0.25	0.25	0.24	5.84	ppb
Thallium	205-1	0.25	0.24	0.25	0.25	3.56	ppb
Tin	118-1	1.09	1.07	1.15	1.10	3.84	ppb
Titanium	47-1	26.84	27.33	27.45	27.21	1.19	ppb
Uranium	238-1	0.88	0.80	0.84	0.84	4.71	ppb
Vanadium	51-2	26.71	27.56	27.68	27.32	1.93	ppb
Yttrium	89-1				118		%
Yttrium	89-2				93		%
Zinc	66-2	68.01	73.21	75.26	72.16	5.18	ppb
Zirconium	90-1	2.23	2.22	2.25	2.23	0.76	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:08:59	DataFile Name :	043SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.31	2.11	2.18	2.20	4.78	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:12:10	DataFile Name :	044SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18951.14	18253.64	17592.45	18265.74	3.72	ppb
Antimony	121-1	0.63	0.61	0.61	0.62	1.90	ppb
Arsenic	75-2	95.27	86.43	89.64	90.45	4.95	ppb
Barium	135-1	718.57	722.33	724.47	721.79	0.41	ppb
Barium	137-1	745.18	737.68	738.16	740.34	0.57	ppb
Beryllium	9-1	3.23	3.12	3.16	3.17	1.71	ppb
Bismuth	209-1				128		%
Bismuth	209-2				101		%
Boron	10-1	2.79	5.47	3.73	3.99	34.10	ppb
Boron	11-1	4.23	4.61	5.23	4.69	10.80	ppb
Cadmium	111-1	0.71	0.76	0.75	0.74	3.41	ppb
Cadmium	106-1	-1.21	1.07	0.24	0.03	3355.25	ppb
Cadmium	108-1	1.08	1.56	1.32	1.32	17.94	ppb
Calcium	43-1	64125.54	65309.38	65290.85	64908.59	1.04	ppb
Calcium	44-1	64904.65	65603.95	64786.50	65098.37	0.68	ppb
Chromium	52-2	31.51	28.58	28.48	29.52	5.83	ppb
Cobalt	59-2	32.09	30.24	30.45	30.93	3.28	ppb
Copper	63-2	76.70	73.50	72.46	74.22	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				100		%
Indium	115-1				113		%
Indium	115-2				87		%
Iron	56-2	120846.32	113729.94	113250.37	115942.21	3.67	ppb
Iron	57-2	116837.87	110596.79	109649.65	112361.44	3.48	ppb
Lead	206-1	39.56	40.43	40.21	40.07	1.13	ppb
Lead	207-1	35.17	36.04	35.79	35.67	1.25	ppb
Lead	208-1	37.31	37.88	37.80	37.66	0.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	16227.38	15379.48	15284.03	15630.30	3.32	ppb
Manganese	55-2	1371.26	1294.90	1298.72	1321.63	3.26	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:12:10	DataFile Name :	044SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.86	8.31	8.52	8.23	4.13	ppb
Molybdenum	95-1	1.87	2.00	2.05	1.97	4.68	ppb
Molybdenum	96-1	2.73	2.90	2.87	2.83	3.05	ppb
Molybdenum	97-1	1.95	2.03	1.95	1.98	2.30	ppb
Molybdenum	98-1	1.96	1.81	1.97	1.91	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.28	97.42	94.06	97.58	3.70	ppb
Phosphorus	31-2	1366.89	1478.77	1348.42	1398.03	5.05	ppb
Potassium	39-2	2650.81	2450.73	2481.94	2527.83	4.26	ppb
Rhodium	103-1				109		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				77		%
Selenium	77-2	127.60	96.63	88.04	104.09	19.99	ppb
Selenium	78-2	11.58	13.62	6.53	10.57	34.50	ppb
Selenium	82-1	0.91	0.75	0.61	0.76	19.99	ppb
Silicon	28-1	1638.41	1593.64	1598.56	1610.20	1.52	ppb
Silver	109-1	0.07	0.08	0.06	0.07	17.08	ppb
Silver	107-1	0.08	0.09	0.09	0.09	5.39	ppb
Sodium	23-2	791.32	753.80	743.99	763.04	3.27	ppb
Strontium	86-1	106.46	107.74	107.74	107.31	0.69	ppb
Strontium	88-1	110.19	112.49	113.47	112.05	1.50	ppb
Sulfur	34-1	-3950.97	-3928.74	-3829.73	-3903.15		ppb
Terbium	159-1				122		%
Terbium	159-2				99		%
Thallium	203-1	0.35	0.35	0.34	0.35	1.67	ppb
Thallium	205-1	0.32	0.36	0.36	0.35	6.02	ppb
Tin	118-1	1.47	1.51	1.38	1.46	4.49	ppb
Titanium	47-1	45.00	45.56	49.52	46.69	5.28	ppb
Uranium	238-1	2.17	2.25	2.22	2.21	1.80	ppb
Vanadium	51-2	138.66	129.28	129.63	132.52	4.01	ppb
Yttrium	89-1				123		%
Yttrium	89-2				94		%
Zinc	66-2	163.03	153.39	149.54	155.32	4.47	ppb
Zirconium	90-1	4.40	4.50	4.44	4.45	1.11	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:12:10	DataFile Name :	044SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.38	4.27	4.43	4.36	1.94	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:18:55	DataFile Name :	046CCV_P8012318 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48743.58	47949.89	47528.97	48074.15	1.28	ppb
Antimony	121-1	489.52	485.51	486.47	487.17	0.43	ppb
Arsenic	75-2	492.01	477.20	497.47	488.89	2.15	ppb
Barium	135-1	2475.29	2490.19	2429.09	2464.86	1.29	ppb
Barium	137-1	2469.39	2436.29	2440.05	2448.58	0.74	ppb
Beryllium	9-1	491.19	482.92	487.05	487.05	0.85	ppb
Bismuth	209-1				116		%
Bismuth	209-2				95		%
Boron	10-1	482.46	476.86	488.32	482.55	1.19	ppb
Boron	11-1	471.80	486.73	488.11	482.21	1.88	ppb
Cadmium	111-1	467.69	467.64	466.24	467.19	0.18	ppb
Cadmium	106-1	475.76	468.66	470.38	471.60	0.78	ppb
Cadmium	108-1	466.90	468.71	471.64	469.08	0.51	ppb
Calcium	43-1	240967.77	238369.42	236750.88	238696.02	0.89	ppb
Calcium	44-1	236912.24	234203.57	235014.24	235376.68	0.59	ppb
Chromium	52-2	515.01	498.61	495.64	503.09	2.07	ppb
Cobalt	59-2	504.32	484.06	484.65	491.01	2.35	ppb
Copper	63-2	981.37	940.69	941.28	954.45	2.44	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				114		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				83		%
Iron	56-2	125571.97	120161.79	120405.92	122046.56	2.50	ppb
Iron	57-2	121945.58	117883.90	117838.30	119222.59	1.98	ppb
Lead	206-1	494.79	494.16	491.78	493.58	0.32	ppb
Lead	207-1	492.22	492.52	488.67	491.14	0.44	ppb
Lead	208-1	495.08	491.63	488.72	491.81	0.65	ppb
Lithium	6-1				102		%
Magnesium	24-2	249402.09	241943.18	238276.74	243207.33	2.33	ppb
Manganese	55-2	1006.78	986.36	982.25	991.80	1.32	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:18:55	DataFile Name :	046CCV_P8012318 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2459.10	2484.54	2473.91	2472.52	0.52	ppb
Molybdenum	95-1	2421.19	2455.75	2425.67	2434.21	0.77	ppb
Molybdenum	96-1	2432.84	2472.40	2460.74	2455.33	0.83	ppb
Molybdenum	97-1	2428.57	2479.54	2472.74	2460.28	1.12	ppb
Molybdenum	98-1	2421.76	2463.07	2435.49	2440.11	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.67	484.14	482.36	490.39	2.53	ppb
Phosphorus	31-2	9347.03	10878.19	10617.67	10280.96	7.97	ppb
Potassium	39-2	122299.29	118805.12	118792.19	119965.53	1.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				86		%
Scandium	45-1				95		%
Scandium	45-2				75		%
Selenium	77-2	432.54	342.11	445.72	406.79	13.87	ppb
Selenium	78-2	467.71	512.47	546.07	508.75	7.73	ppb
Selenium	82-1	471.10	473.72	473.80	472.88	0.32	ppb
Silicon	28-1	517.84	508.42	506.51	510.93	1.19	ppb
Silver	109-1	479.28	477.24	482.70	479.74	0.57	ppb
Silver	107-1	481.27	484.59	479.82	481.89	0.51	ppb
Sodium	23-2	249800.27	239938.99	241422.82	243720.69	2.18	ppb
Strontium	86-1	486.57	493.10	492.36	490.68	0.73	ppb
Strontium	88-1	493.09	496.00	496.76	495.28	0.39	ppb
Sulfur	34-1	9039.24	8420.31	8574.24	8677.93	3.71	ppb
Terbium	159-1				114		%
Terbium	159-2				97		%
Thallium	203-1	494.43	492.81	488.30	491.85	0.65	ppb
Thallium	205-1	489.34	486.73	484.36	486.81	0.51	ppb
Tin	118-1	494.92	488.28	493.87	492.36	0.72	ppb
Titanium	47-1	2485.25	2414.11	2432.90	2444.09	1.51	ppb
Uranium	238-1	495.52	495.03	491.19	493.91	0.48	ppb
Vanadium	51-2	510.87	488.14	496.87	498.63	2.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				83		%
Zinc	66-2	1006.76	955.69	954.38	972.28	3.07	ppb
Zirconium	90-1	484.58	494.01	491.08	489.89	0.98	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:18:55	DataFile Name :	046CCV_P8012318 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	472.31	476.92	475.49	474.91	0.50	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:26:22	DataFile Name :	047CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.78	-0.02	0.07	-1.58		ppb
Antimony	121-1	0.25	0.24	0.26	0.25	3.84	ppb
Arsenic	75-2	-0.04	-0.04	0.02	-0.02		ppb
Barium	135-1	-0.03	-0.03	-0.05	-0.03		ppb
Barium	137-1	-0.03	-0.03	-0.04	-0.04		ppb
Beryllium	9-1	0.10	0.15	0.18	0.14	27.46	ppb
Bismuth	209-1				121		%
Bismuth	209-2				100		%
Boron	10-1	7.18	4.83	8.11	6.71	25.16	ppb
Boron	11-1	8.17	8.48	8.24	8.30	1.97	ppb
Cadmium	111-1	-0.14	-0.12	-0.11	-0.12		ppb
Cadmium	106-1	-1.84	-1.69	-1.61	-1.71		ppb
Cadmium	108-1	0.02	-0.06	0.02	-0.01		ppb
Calcium	43-1	-9.41	-8.76	-14.43	-10.87		ppb
Calcium	44-1	-27.08	-28.18	-27.52	-27.59		ppb
Chromium	52-2	-0.03	-0.10	0.03	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.08	0.02	0.05	54.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				97		%
Indium	115-1				108		%
Indium	115-2				88		%
Iron	56-2	4.75	4.39	5.30	4.81	9.52	ppb
Iron	57-2	0.41	3.92	3.38	2.57	73.68	ppb
Lead	206-1	0.03	0.01	0.04	0.03	61.48	ppb
Lead	207-1	0.01	0.01	0.02	0.01	57.59	ppb
Lead	208-1	0.01	0.01	0.02	0.02	23.14	ppb
Lithium	6-1				106		%
Magnesium	24-2	-2.24	-6.34	-3.90	-4.16		ppb
Manganese	55-2	0.02	0.07	0.10	0.06	68.79	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:26:22	DataFile Name :	047CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.04	0.05	0.03	61.75	ppb
Molybdenum	95-1	0.01	0.04	0.02	0.02	51.02	ppb
Molybdenum	96-1	0.04	0.03	0.02	0.03	33.21	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	10.78	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.03	15.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.48	-0.34	-0.15	-0.32		ppb
Phosphorus	31-2	86.83	-23.65	-23.65	13.18	484.02	ppb
Potassium	39-2	3.46	12.61	-9.17	2.30	475.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				75		%
Selenium	77-2	-2.20	-2.20	-2.20	-2.20		ppb
Selenium	78-2	1.18	-1.44	-1.44	-0.57		ppb
Selenium	82-1	0.18	-0.03	0.34	0.16	112.27	ppb
Silicon	28-1	-36.92	-38.95	-35.35	-37.08		ppb
Silver	109-1	0.00	0.02	0.01	0.01	72.76	ppb
Silver	107-1	0.00	0.00	0.01	0.01	73.79	ppb
Sodium	23-2	49.49	46.21	57.45	51.05	11.33	ppb
Strontium	86-1	0.01	-0.03	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	486.68	ppb
Sulfur	34-1	-1422.05	-1608.86	-1314.03	-1448.31		ppb
Terbium	159-1				113		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.05	0.01	0.04	52.46	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	33.52	ppb
Tin	118-1	0.01	0.02	0.00	0.01	122.82	ppb
Titanium	47-1	-0.06	-0.06	-0.10	-0.07		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	0.01	-0.03	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				83		%
Zinc	66-2	0.13	-0.03	-0.07	0.01	1107.58	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	39.50	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:26:22	DataFile Name :	047CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.03	0.02	45.48	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:29:34	DataFile Name :	048SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5645.94	6568.26	5646.10	5953.44	8.94	ppb
Antimony	121-1	0.20	0.18	0.18	0.19	5.83	ppb
Arsenic	75-2	1.65	1.60	1.73	1.66	3.75	ppb
Barium	135-1	188.36	189.13	189.41	188.97	0.29	ppb
Barium	137-1	188.35	186.76	187.25	187.45	0.43	ppb
Beryllium	9-1	0.77	0.71	0.63	0.70	9.62	ppb
Bismuth	209-1				125		%
Bismuth	209-2				100		%
Boron	10-1	6.44	6.53	4.78	5.91	16.66	ppb
Boron	11-1	7.33	6.02	6.64	6.67	9.79	ppb
Cadmium	111-1	0.12	0.13	0.18	0.14	22.75	ppb
Cadmium	106-1	-1.02	-1.20	0.30	-0.64		ppb
Cadmium	108-1	0.45	0.09	0.25	0.27	67.29	ppb
Calcium	43-1	2090.35	2108.25	2041.37	2079.99	1.66	ppb
Calcium	44-1	2017.67	2034.30	2016.97	2022.98	0.48	ppb
Chromium	52-2	13.06	13.80	12.98	13.28	3.42	ppb
Cobalt	59-2	2.32	2.50	2.23	2.35	5.76	ppb
Copper	63-2	4.11	4.94	4.45	4.50	9.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				98		%
Indium	115-1				112		%
Indium	115-2				88		%
Iron	56-2	3984.62	4404.66	3990.09	4126.46	5.84	ppb
Iron	57-2	3829.31	4295.25	3921.81	4015.46	6.14	ppb
Lead	206-1	21.58	21.78	21.15	21.50	1.50	ppb
Lead	207-1	19.47	19.18	19.21	19.29	0.80	ppb
Lead	208-1	20.50	20.38	20.25	20.38	0.61	ppb
Lithium	6-1				108		%
Magnesium	24-2	800.30	866.61	780.24	815.72	5.54	ppb
Manganese	55-2	240.84	263.82	238.28	247.64	5.68	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:29:34	DataFile Name :	048SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.21	1.15	1.29	1.22	5.98	ppb
Molybdenum	95-1	0.21	0.21	0.23	0.22	5.02	ppb
Molybdenum	96-1	0.34	0.29	0.36	0.33	11.58	ppb
Molybdenum	97-1	0.23	0.19	0.22	0.22	8.96	ppb
Molybdenum	98-1	0.19	0.19	0.20	0.19	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.62	3.92	3.92	3.82	4.49	ppb
Phosphorus	31-2	266.01	215.96	454.27	312.08	40.26	ppb
Potassium	39-2	342.99	367.20	329.29	346.49	5.54	ppb
Rhodium	103-1				108		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				75		%
Selenium	77-2	42.71	46.46	12.71	33.96	54.48	ppb
Selenium	78-2	1.01	2.55	2.23	1.93	42.12	ppb
Selenium	82-1	0.72	1.44	0.70	0.95	44.49	ppb
Silicon	28-1	860.08	797.46	897.83	851.79	5.95	ppb
Silver	109-1	0.08	0.09	0.08	0.08	1.88	ppb
Silver	107-1	0.08	0.07	0.06	0.07	15.90	ppb
Sodium	23-2	92.48	120.34	98.27	103.70	14.18	ppb
Strontium	86-1	14.13	14.14	13.65	13.98	2.01	ppb
Strontium	88-1	13.88	14.24	14.10	14.07	1.29	ppb
Sulfur	34-1	-2506.44	-2471.18	-2897.04	-2624.89		ppb
Terbium	159-1				119		%
Terbium	159-2				98		%
Thallium	203-1	0.12	0.15	0.12	0.13	11.50	ppb
Thallium	205-1	0.16	0.15	0.15	0.15	5.68	ppb
Tin	118-1	0.49	0.45	0.53	0.49	8.86	ppb
Titanium	47-1	8.22	10.14	32.53	16.96	79.68	ppb
Uranium	238-1	0.88	0.92	0.88	0.89	2.71	ppb
Vanadium	51-2	10.98	11.88	11.50	11.45	3.91	ppb
Yttrium	89-1				110		%
Yttrium	89-2				86		%
Zinc	66-2	33.57	38.20	33.03	34.94	8.14	ppb
Zirconium	90-1	0.64	0.75	0.85	0.75	14.08	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:29:34	DataFile Name :	048SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.67	0.61	0.60	0.63	5.41	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:32:44	DataFile Name :	049SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5197.06	5308.68	5223.42	5243.05	1.11	ppb
Antimony	121-1	0.15	0.19	0.19	0.17	14.40	ppb
Arsenic	75-2	0.99	1.17	1.33	1.16	14.96	ppb
Barium	135-1	192.21	192.61	190.58	191.80	0.56	ppb
Barium	137-1	193.40	192.43	190.95	192.26	0.64	ppb
Beryllium	9-1	0.55	0.53	0.59	0.56	5.85	ppb
Bismuth	209-1				124		%
Bismuth	209-2				104		%
Boron	10-1	5.28	4.62	5.27	5.06	7.51	ppb
Boron	11-1	4.46	5.31	5.25	5.01	9.52	ppb
Cadmium	111-1	0.07	-0.06	0.08	0.03	259.04	ppb
Cadmium	106-1	-0.69	-2.49	-1.06	-1.41		ppb
Cadmium	108-1	0.30	0.14	0.33	0.25	41.05	ppb
Calcium	43-1	1905.23	1906.19	1925.39	1912.27	0.59	ppb
Calcium	44-1	1894.27	1908.85	1901.81	1901.64	0.38	ppb
Chromium	52-2	18.90	18.80	18.24	18.65	1.93	ppb
Cobalt	59-2	1.58	1.58	1.50	1.56	2.92	ppb
Copper	63-2	10.49	10.35	10.31	10.38	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				90		%
Iron	56-2	2853.68	2809.61	2741.75	2801.68	2.01	ppb
Iron	57-2	2845.51	2807.95	2688.99	2780.82	2.94	ppb
Lead	206-1	20.00	20.40	19.18	19.86	3.13	ppb
Lead	207-1	17.76	18.24	17.60	17.87	1.89	ppb
Lead	208-1	18.95	19.10	18.53	18.86	1.56	ppb
Lithium	6-1				107		%
Magnesium	24-2	695.46	681.18	666.08	680.90	2.16	ppb
Manganese	55-2	146.94	145.26	142.65	144.95	1.49	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:32:44	DataFile Name :	049SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.67	0.88	4.14	2.23	76.36	ppb
Molybdenum	95-1	0.28	0.25	0.25	0.26	6.79	ppb
Molybdenum	96-1	0.41	0.41	0.34	0.39	9.59	ppb
Molybdenum	97-1	0.25	0.28	0.30	0.28	9.41	ppb
Molybdenum	98-1	0.24	0.30	0.30	0.28	11.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.39	2.35	2.30	2.35	2.08	ppb
Phosphorus	31-2	388.12	235.95	193.63	272.57	37.53	ppb
Potassium	39-2	382.38	335.68	323.35	347.14	8.97	ppb
Rhodium	103-1				107		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				76		%
Selenium	77-2	27.63	20.41	35.24	27.76	26.72	ppb
Selenium	78-2	8.35	3.51	3.47	5.11	54.90	ppb
Selenium	82-1	0.34	0.54	0.53	0.47	23.68	ppb
Silicon	28-1	1423.91	2418.18	1176.51	1672.87	39.29	ppb
Silver	109-1	0.08	0.08	0.07	0.08	5.52	ppb
Silver	107-1	0.09	0.06	0.07	0.07	22.57	ppb
Sodium	23-2	98.47	101.33	105.39	101.73	3.42	ppb
Strontium	86-1	13.36	12.63	13.06	13.02	2.83	ppb
Strontium	88-1	13.12	12.93	12.97	13.01	0.76	ppb
Sulfur	34-1	-3172.18	-3223.70	-3319.30	-3238.39		ppb
Terbium	159-1				118		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.10	0.09	0.09	7.18	ppb
Thallium	205-1	0.08	0.10	0.10	0.09	11.95	ppb
Tin	118-1	0.53	0.49	0.48	0.50	4.67	ppb
Titanium	47-1	28.75	16.62	18.86	21.41	30.14	ppb
Uranium	238-1	0.93	0.90	0.92	0.92	1.50	ppb
Vanadium	51-2	10.89	10.43	10.58	10.63	2.24	ppb
Yttrium	89-1				109		%
Yttrium	89-2				88		%
Zinc	66-2	40.52	39.15	38.91	39.53	2.19	ppb
Zirconium	90-1	0.59	0.68	0.64	0.64	7.34	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:32:44	DataFile Name :	049SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.56	0.66	0.60	0.61	8.28	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:35:55	DataFile Name :	050SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4190.91	3858.01	3868.13	3972.35	4.77	ppb
Antimony	121-1	0.19	0.17	0.21	0.19	11.61	ppb
Arsenic	75-2	3.53	3.27	3.46	3.42	3.85	ppb
Barium	135-1	240.49	240.37	244.13	241.66	0.88	ppb
Barium	137-1	241.35	240.60	246.73	242.90	1.38	ppb
Beryllium	9-1	0.72	0.66	0.66	0.68	4.73	ppb
Bismuth	209-1				129		%
Bismuth	209-2				106		%
Boron	10-1	6.16	3.96	4.75	4.96	22.42	ppb
Boron	11-1	4.94	4.52	4.96	4.81	5.24	ppb
Cadmium	111-1	0.20	0.16	0.18	0.18	10.44	ppb
Cadmium	106-1	-1.04	-1.17	-1.20	-1.14		ppb
Cadmium	108-1	0.32	0.32	0.09	0.24	53.67	ppb
Calcium	43-1	2661.21	2572.67	2576.38	2603.42	1.92	ppb
Calcium	44-1	2552.05	2515.98	2513.32	2527.12	0.86	ppb
Chromium	52-2	8.83	8.97	8.97	8.93	0.89	ppb
Cobalt	59-2	8.22	8.06	8.05	8.11	1.17	ppb
Copper	63-2	4.25	3.94	4.22	4.13	4.16	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				123		%
Holmium	165-2				103		%
Indium	115-1				114		%
Indium	115-2				91		%
Iron	56-2	7720.09	7365.50	7382.32	7489.30	2.67	ppb
Iron	57-2	7210.97	6958.03	7082.34	7083.78	1.79	ppb
Lead	206-1	20.90	20.74	21.31	20.98	1.40	ppb
Lead	207-1	19.43	18.97	19.35	19.25	1.28	ppb
Lead	208-1	20.07	19.97	20.23	20.09	0.65	ppb
Lithium	6-1				110		%
Magnesium	24-2	808.03	747.52	737.79	764.45	4.98	ppb
Manganese	55-2	1487.58	1429.68	1459.98	1459.08	1.98	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:35:55	DataFile Name :	050SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.87	0.89	0.92	0.89	3.05	ppb
Molybdenum	95-1	0.28	0.32	0.26	0.29	9.80	ppb
Molybdenum	96-1	0.34	0.33	0.34	0.34	2.86	ppb
Molybdenum	97-1	0.30	0.32	0.37	0.33	9.82	ppb
Molybdenum	98-1	0.28	0.31	0.27	0.29	7.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.55	6.39	5.94	6.29	5.03	ppb
Phosphorus	31-2	157.59	220.27	366.90	248.25	43.27	ppb
Potassium	39-2	264.50	211.51	242.01	239.34	11.11	ppb
Rhodium	103-1				111		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				79		%
Selenium	77-2	34.27	49.66	93.01	58.98	51.64	ppb
Selenium	78-2	3.35	5.85	9.38	6.19	48.95	ppb
Selenium	82-1	0.28	0.38	0.37	0.34	16.02	ppb
Silicon	28-1	522.29	723.05	499.64	581.66	21.14	ppb
Silver	109-1	0.08	0.08	0.11	0.09	18.93	ppb
Silver	107-1	0.07	0.09	0.06	0.07	18.99	ppb
Sodium	23-2	86.57	86.12	87.65	86.78	0.91	ppb
Strontium	86-1	14.19	14.06	14.30	14.18	0.82	ppb
Strontium	88-1	14.41	14.20	14.37	14.33	0.78	ppb
Sulfur	34-1	-3224.91	-3856.62	-3585.01	-3555.51		ppb
Terbium	159-1				122		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.05	0.06	0.05	28.15	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	11.08	ppb
Tin	118-1	0.37	0.33	0.36	0.36	5.47	ppb
Titanium	47-1	7.38	8.41	6.62	7.47	12.02	ppb
Uranium	238-1	0.75	0.75	0.75	0.75	0.45	ppb
Vanadium	51-2	16.61	16.86	16.53	16.67	1.02	ppb
Yttrium	89-1				113		%
Yttrium	89-2				90		%
Zinc	66-2	52.86	52.70	53.15	52.90	0.44	ppb
Zirconium	90-1	0.57	0.52	0.42	0.50	14.80	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:35:55	DataFile Name :	050SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.42	0.54	0.47	0.48	12.13	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:39:06	DataFile Name :	051SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7476.15	7277.18	7502.13	7418.49	1.66	ppb
Antimony	121-1	0.13	0.13	0.14	0.13	4.64	ppb
Arsenic	75-2	3.79	4.05	4.16	4.00	4.72	ppb
Barium	135-1	130.39	129.21	132.20	130.60	1.15	ppb
Barium	137-1	129.69	128.57	131.63	129.97	1.19	ppb
Beryllium	9-1	0.45	0.34	0.37	0.39	14.56	ppb
Bismuth	209-1				128		%
Bismuth	209-2				105		%
Boron	10-1	4.24	1.80	3.21	3.08	39.83	ppb
Boron	11-1	3.84	3.95	4.49	4.09	8.48	ppb
Cadmium	111-1	0.01	0.03	0.01	0.02	88.98	ppb
Cadmium	106-1	-1.85	-0.98	-1.40	-1.41		ppb
Cadmium	108-1	0.21	0.13	0.13	0.16	28.10	ppb
Calcium	43-1	2588.82	2547.42	2503.35	2546.53	1.68	ppb
Calcium	44-1	2478.13	2545.30	2524.34	2515.92	1.37	ppb
Chromium	52-2	9.10	8.50	9.13	8.91	3.98	ppb
Cobalt	59-2	4.29	4.02	4.10	4.14	3.42	ppb
Copper	63-2	6.82	6.49	6.99	6.77	3.76	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				123		%
Holmium	165-2				103		%
Indium	115-1				114		%
Indium	115-2				92		%
Iron	56-2	7223.77	6912.69	7232.11	7122.86	2.56	ppb
Iron	57-2	6797.95	6459.88	6726.04	6661.29	2.67	ppb
Lead	206-1	15.85	16.00	16.22	16.02	1.17	ppb
Lead	207-1	14.18	14.42	14.49	14.36	1.14	ppb
Lead	208-1	15.04	15.19	15.26	15.16	0.77	ppb
Lithium	6-1				109		%
Magnesium	24-2	1341.24	1241.98	1359.31	1314.18	4.81	ppb
Manganese	55-2	50.05	47.09	49.02	48.72	3.09	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:39:06	DataFile Name :	051SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.83	2.78	2.82	2.81	0.89	ppb
Molybdenum	95-1	0.14	0.11	0.10	0.11	17.68	ppb
Molybdenum	96-1	0.45	0.48	0.50	0.48	4.61	ppb
Molybdenum	97-1	0.19	0.18	0.14	0.17	13.16	ppb
Molybdenum	98-1	0.13	0.14	0.13	0.13	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.03	8.38	7.62	8.01	4.79	ppb
Phosphorus	31-2	331.41	78.94	190.76	200.37	63.14	ppb
Potassium	39-2	290.41	293.93	305.05	296.46	2.58	ppb
Rhodium	103-1				110		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				80		%
Selenium	77-2	42.66	19.92	12.64	25.07	62.43	ppb
Selenium	78-2	2.24	7.03	3.43	4.23	58.92	ppb
Selenium	82-1	0.33	0.17	0.19	0.23	37.29	ppb
Silicon	28-1	520.45	525.53	579.86	541.95	6.08	ppb
Silver	109-1	0.03	0.03	0.02	0.03	22.53	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.01	ppb
Sodium	23-2	149.50	135.22	158.43	147.72	7.93	ppb
Strontium	86-1	16.27	15.51	15.82	15.86	2.41	ppb
Strontium	88-1	15.50	15.58	15.49	15.52	0.33	ppb
Sulfur	34-1	-2644.92	-2428.31	-2762.96	-2612.06		ppb
Terbium	159-1				121		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.06	0.07	0.07	11.49	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	8.62	ppb
Tin	118-1	0.44	0.51	0.50	0.48	8.45	ppb
Titanium	47-1	23.87	26.86	23.36	24.70	7.65	ppb
Uranium	238-1	0.25	0.26	0.26	0.26	2.10	ppb
Vanadium	51-2	14.99	13.96	14.35	14.44	3.59	ppb
Yttrium	89-1				111		%
Yttrium	89-2				89		%
Zinc	66-2	61.17	56.18	60.97	59.44	4.75	ppb
Zirconium	90-1	1.80	1.79	1.75	1.78	1.33	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:39:06	DataFile Name :	051SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.73	1.78	1.76	1.76	1.20	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:42:18	DataFile Name :	052SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7359.52	7412.80	7304.59	7358.97	0.74	ppb
Antimony	121-1	0.12	0.12	0.13	0.12	4.68	ppb
Arsenic	75-2	9.11	8.70	9.76	9.19	5.84	ppb
Barium	135-1	121.83	122.81	127.67	124.10	2.52	ppb
Barium	137-1	121.30	122.86	125.96	123.38	1.92	ppb
Beryllium	9-1	1.24	1.35	1.41	1.33	6.73	ppb
Bismuth	209-1				126		%
Bismuth	209-2				104		%
Boron	10-1	3.96	3.88	4.37	4.07	6.42	ppb
Boron	11-1	3.22	3.59	3.51	3.44	5.73	ppb
Cadmium	111-1	0.04	0.06	0.06	0.05	22.60	ppb
Cadmium	106-1	-0.66	-1.35	-1.58	-1.20		ppb
Cadmium	108-1	0.47	0.36	0.33	0.39	18.95	ppb
Calcium	43-1	6541.01	6695.37	6671.66	6636.01	1.25	ppb
Calcium	44-1	6571.72	6674.40	6843.58	6696.57	2.05	ppb
Chromium	52-2	10.67	10.45	10.55	10.56	1.07	ppb
Cobalt	59-2	15.60	15.68	15.64	15.64	0.26	ppb
Copper	63-2	21.53	21.96	21.25	21.58	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				103		%
Indium	115-1				114		%
Indium	115-2				92		%
Iron	56-2	17028.89	17142.02	16954.75	17041.89	0.55	ppb
Iron	57-2	16549.64	16499.55	16484.80	16511.33	0.21	ppb
Lead	206-1	18.17	18.55	18.47	18.40	1.10	ppb
Lead	207-1	15.95	16.58	16.55	16.36	2.18	ppb
Lead	208-1	16.89	17.45	17.49	17.28	1.93	ppb
Lithium	6-1				108		%
Magnesium	24-2	5871.23	5708.22	5820.48	5799.98	1.44	ppb
Manganese	55-2	581.01	591.31	571.52	581.28	1.70	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:42:18	DataFile Name :	052SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.15	2.20	2.20	2.18	1.14	ppb
Molybdenum	95-1	0.31	0.26	0.25	0.27	11.73	ppb
Molybdenum	96-1	0.53	0.53	0.56	0.54	3.39	ppb
Molybdenum	97-1	0.29	0.35	0.26	0.30	14.86	ppb
Molybdenum	98-1	0.30	0.28	0.26	0.28	7.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.82	24.21	24.28	24.44	1.37	ppb
Phosphorus	31-2	225.01	192.53	367.14	261.56	35.51	ppb
Potassium	39-2	898.18	904.91	870.21	891.10	2.06	ppb
Rhodium	103-1				110		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				79		%
Selenium	77-2	47.35	33.29	26.43	35.69	29.88	ppb
Selenium	78-2	5.53	3.22	10.31	6.35	56.96	ppb
Selenium	82-1	0.33	0.04	0.55	0.31	83.40	ppb
Silicon	28-1	560.86	569.68	577.70	569.41	1.48	ppb
Silver	109-1	0.02	0.03	0.04	0.03	26.85	ppb
Silver	107-1	0.02	0.02	0.03	0.02	45.36	ppb
Sodium	23-2	416.68	387.82	401.26	401.92	3.59	ppb
Strontium	86-1	24.43	23.85	24.24	24.17	1.22	ppb
Strontium	88-1	23.85	24.45	24.58	24.29	1.60	ppb
Sulfur	34-1	-2676.00	-2546.16	-2381.69	-2534.62		ppb
Terbium	159-1				122		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.11	0.11	0.12	13.97	ppb
Thallium	205-1	0.12	0.13	0.14	0.13	5.50	ppb
Tin	118-1	0.74	0.67	0.70	0.70	5.08	ppb
Titanium	47-1	12.13	11.32	12.67	12.04	5.63	ppb
Uranium	238-1	0.40	0.40	0.40	0.40	1.11	ppb
Vanadium	51-2	21.22	20.19	20.44	20.62	2.59	ppb
Yttrium	89-1				116		%
Yttrium	89-2				93		%
Zinc	66-2	59.07	61.36	59.51	59.98	2.02	ppb
Zirconium	90-1	1.28	1.31	1.34	1.31	2.48	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:42:18	DataFile Name :	052SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.19	1.17	1.18	1.18	1.03	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:45:29	DataFile Name :	053SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4688.92	4786.60	4974.23	4816.58	3.01	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	2.18	ppb
Arsenic	75-2	7.47	7.46	6.70	7.21	6.17	ppb
Barium	135-1	129.94	127.31	125.77	127.67	1.65	ppb
Barium	137-1	131.66	124.91	124.86	127.15	3.08	ppb
Beryllium	9-1	0.88	0.57	0.89	0.78	23.04	ppb
Bismuth	209-1				123		%
Bismuth	209-2				104		%
Boron	10-1	4.09	3.08	2.27	3.15	29.08	ppb
Boron	11-1	3.55	3.15	2.41	3.04	18.98	ppb
Cadmium	111-1	0.16	0.12	0.07	0.12	38.47	ppb
Cadmium	106-1	-0.17	-0.45	-1.23	-0.61		ppb
Cadmium	108-1	0.18	0.21	0.41	0.27	45.78	ppb
Calcium	43-1	10113.58	9621.79	9799.10	9844.82	2.53	ppb
Calcium	44-1	10422.27	9899.99	9817.28	10046.51	3.27	ppb
Chromium	52-2	7.23	7.38	7.22	7.28	1.24	ppb
Cobalt	59-2	6.73	7.12	6.95	6.93	2.87	ppb
Copper	63-2	14.98	15.40	15.49	15.29	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				102		%
Indium	115-1				111		%
Indium	115-2				91		%
Iron	56-2	7734.14	7941.93	7876.06	7850.71	1.35	ppb
Iron	57-2	7298.17	7430.05	7505.50	7411.24	1.42	ppb
Lead	206-1	15.22	14.68	14.71	14.87	2.03	ppb
Lead	207-1	13.64	13.09	13.11	13.28	2.35	ppb
Lead	208-1	14.40	13.79	13.88	14.03	2.33	ppb
Lithium	6-1				106		%
Magnesium	24-2	4231.91	4261.00	4238.71	4243.87	0.36	ppb
Manganese	55-2	237.15	237.63	240.78	238.52	0.83	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:45:29	DataFile Name :	053SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.84	1.73	1.79	1.79	3.17	ppb
Molybdenum	95-1	0.02	0.03	0.05	0.04	41.06	ppb
Molybdenum	96-1	0.33	0.25	0.30	0.29	12.99	ppb
Molybdenum	97-1	0.06	0.03	0.09	0.06	52.67	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	12.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.96	15.71	16.62	16.10	2.93	ppb
Phosphorus	31-2	115.65	48.05	333.20	165.63	89.96	ppb
Potassium	39-2	610.19	598.81	615.67	608.22	1.41	ppb
Rhodium	103-1				107		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				79		%
Selenium	77-2	63.50	12.50	56.77	44.26	62.60	ppb
Selenium	78-2	2.15	0.97	4.61	2.57	72.10	ppb
Selenium	82-1	-0.10	-0.56	0.20	-0.15		ppb
Silicon	28-1	574.95	520.73	575.03	556.90	5.62	ppb
Silver	109-1	0.04	0.03	0.03	0.03	6.18	ppb
Silver	107-1	0.02	0.03	0.03	0.03	15.27	ppb
Sodium	23-2	349.71	371.65	369.57	363.64	3.33	ppb
Strontium	86-1	28.48	26.32	26.80	27.20	4.17	ppb
Strontium	88-1	28.66	27.01	27.32	27.67	3.17	ppb
Sulfur	34-1	-2499.91	-3218.69	-2977.18	-2898.59		ppb
Terbium	159-1				117		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.11	0.09	0.11	9.76	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	1.84	ppb
Tin	118-1	0.66	0.65	0.57	0.62	8.11	ppb
Titanium	47-1	12.62	11.34	10.57	11.51	9.01	ppb
Uranium	238-1	0.39	0.36	0.36	0.37	4.97	ppb
Vanadium	51-2	12.26	13.31	13.18	12.92	4.41	ppb
Yttrium	89-1				111		%
Yttrium	89-2				90		%
Zinc	66-2	38.07	41.56	39.72	39.78	4.39	ppb
Zirconium	90-1	1.32	1.19	1.71	1.41	19.18	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:45:29	DataFile Name :	053SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.26	1.14	1.17	1.19	5.09	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:48:39	DataFile Name :	054SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7854.18	7897.12	7748.26	7833.19	0.98	ppb
Antimony	121-1	0.20	0.22	0.23	0.22	5.93	ppb
Arsenic	75-2	12.31	12.14	13.21	12.55	4.57	ppb
Barium	135-1	155.00	153.73	154.93	154.55	0.46	ppb
Barium	137-1	153.27	152.12	152.97	152.78	0.39	ppb
Beryllium	9-1	1.06	1.18	1.03	1.09	6.97	ppb
Bismuth	209-1				126		%
Bismuth	209-2				105		%
Boron	10-1	3.36	2.71	3.37	3.15	12.02	ppb
Boron	11-1	2.66	3.33	2.55	2.84	14.86	ppb
Cadmium	111-1	0.02	0.13	0.17	0.11	75.94	ppb
Cadmium	106-1	-1.68	-1.33	-0.89	-1.30		ppb
Cadmium	108-1	0.52	0.33	0.36	0.40	25.22	ppb
Calcium	43-1	8291.98	8344.85	8137.56	8258.13	1.30	ppb
Calcium	44-1	8445.25	8424.43	8430.63	8433.43	0.13	ppb
Chromium	52-2	12.46	12.57	13.13	12.72	2.84	ppb
Cobalt	59-2	9.33	9.69	9.42	9.48	2.01	ppb
Copper	63-2	22.58	23.34	23.43	23.12	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				103		%
Indium	115-1				113		%
Indium	115-2				92		%
Iron	56-2	17618.55	17632.07	17810.00	17686.87	0.60	ppb
Iron	57-2	17024.97	17087.22	17312.38	17141.52	0.88	ppb
Lead	206-1	33.36	33.52	34.09	33.66	1.13	ppb
Lead	207-1	30.17	30.24	30.59	30.33	0.73	ppb
Lead	208-1	31.83	31.79	32.26	31.96	0.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	5050.39	5035.81	5066.60	5050.93	0.30	ppb
Manganese	55-2	226.18	223.22	228.71	226.04	1.21	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:48:39	DataFile Name :	054SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.89	2.89	2.94	2.91	1.01	ppb
Molybdenum	95-1	0.34	0.33	0.32	0.33	2.49	ppb
Molybdenum	96-1	0.72	0.73	0.66	0.70	5.76	ppb
Molybdenum	97-1	0.31	0.36	0.30	0.32	10.55	ppb
Molybdenum	98-1	0.30	0.34	0.30	0.31	7.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.02	22.70	23.54	23.09	1.83	ppb
Phosphorus	31-2	261.40	190.80	447.45	299.89	44.21	ppb
Potassium	39-2	834.45	806.67	853.71	831.61	2.84	ppb
Rhodium	103-1				109		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				78		%
Selenium	77-2	19.52	33.90	19.58	24.33	34.05	ppb
Selenium	78-2	5.68	3.30	4.51	4.50	26.54	ppb
Selenium	82-1	0.67	0.27	0.59	0.51	40.80	ppb
Silicon	28-1	539.46	545.05	521.99	535.50	2.25	ppb
Silver	109-1	0.05	0.04	0.04	0.05	9.36	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.87	ppb
Sodium	23-2	394.22	402.87	386.64	394.58	2.06	ppb
Strontium	86-1	31.66	31.22	31.61	31.50	0.76	ppb
Strontium	88-1	32.22	32.25	32.03	32.17	0.37	ppb
Sulfur	34-1	-2206.15	-2479.53	-2372.44	-2352.71		ppb
Terbium	159-1				121		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.13	0.09	0.10	21.25	ppb
Thallium	205-1	0.13	0.12	0.14	0.13	6.14	ppb
Tin	118-1	0.81	0.71	0.78	0.77	6.44	ppb
Titanium	47-1	18.07	18.48	17.62	18.06	2.39	ppb
Uranium	238-1	0.63	0.63	0.65	0.64	1.85	ppb
Vanadium	51-2	23.79	23.02	25.37	24.06	4.99	ppb
Yttrium	89-1				112		%
Yttrium	89-2				91		%
Zinc	66-2	64.46	65.49	65.56	65.17	0.95	ppb
Zirconium	90-1	1.86	1.88	1.79	1.84	2.53	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:48:39	DataFile Name :	054SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.87	1.99	1.98	1.95	3.42	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:51:49	DataFile Name :	055SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6190.47	6061.49	6414.89	6222.28	2.87	ppb
Antimony	121-1	0.14	0.17	0.16	0.16	8.06	ppb
Arsenic	75-2	10.78	10.58	10.39	10.58	1.86	ppb
Barium	135-1	162.67	162.66	161.26	162.20	0.50	ppb
Barium	137-1	160.81	162.63	159.35	160.93	1.02	ppb
Beryllium	9-1	0.79	0.96	1.06	0.94	14.19	ppb
Bismuth	209-1				127		%
Bismuth	209-2				105		%
Boron	10-1	2.54	3.12	2.07	2.58	20.42	ppb
Boron	11-1	2.99	2.15	3.13	2.76	19.10	ppb
Cadmium	111-1	0.13	0.17	0.11	0.14	24.82	ppb
Cadmium	106-1	-0.15	-0.14	-1.08	-0.46		ppb
Cadmium	108-1	0.17	0.45	0.32	0.31	44.14	ppb
Calcium	43-1	6813.71	6880.45	6883.99	6859.38	0.58	ppb
Calcium	44-1	6869.07	6929.39	7038.37	6945.61	1.24	ppb
Chromium	52-2	11.81	11.56	12.06	11.81	2.13	ppb
Cobalt	59-2	9.12	8.91	9.32	9.12	2.23	ppb
Copper	63-2	29.80	28.98	30.74	29.84	2.96	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				121		%
Holmium	165-2				103		%
Indium	115-1				113		%
Indium	115-2				92		%
Iron	56-2	14147.21	13718.47	14429.79	14098.49	2.54	ppb
Iron	57-2	13554.65	13420.81	14109.64	13695.03	2.67	ppb
Lead	206-1	100.66	102.78	100.50	101.31	1.26	ppb
Lead	207-1	91.67	92.83	91.20	91.90	0.91	ppb
Lead	208-1	96.03	96.93	95.87	96.28	0.60	ppb
Lithium	6-1				108		%
Magnesium	24-2	4319.35	4208.22	4380.98	4302.85	2.03	ppb
Manganese	55-2	475.10	471.45	495.52	480.69	2.70	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:51:49	DataFile Name :	055SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.91	2.14	2.09	2.05	5.99	ppb
Molybdenum	95-1	0.35	0.29	0.32	0.32	9.16	ppb
Molybdenum	96-1	0.63	0.57	0.56	0.59	6.25	ppb
Molybdenum	97-1	0.43	0.26	0.40	0.36	25.10	ppb
Molybdenum	98-1	0.38	0.33	0.35	0.35	6.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.21	18.79	19.26	19.42	3.72	ppb
Phosphorus	31-2	190.13	289.54	123.20	200.96	41.65	ppb
Potassium	39-2	860.08	779.51	752.54	797.38	7.02	ppb
Rhodium	103-1				110		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				79		%
Selenium	77-2	33.99	34.43	27.50	31.97	12.13	ppb
Selenium	78-2	-0.26	6.97	3.43	3.38	106.87	ppb
Selenium	82-1	1.00	-0.28	0.62	0.45	146.48	ppb
Silicon	28-1	476.13	491.58	476.48	481.40	1.83	ppb
Silver	109-1	0.04	0.03	0.03	0.03	8.93	ppb
Silver	107-1	0.04	0.02	0.02	0.03	31.06	ppb
Sodium	23-2	407.10	379.37	394.05	393.50	3.53	ppb
Strontium	86-1	31.54	31.82	31.89	31.75	0.57	ppb
Strontium	88-1	31.85	32.00	31.99	31.95	0.27	ppb
Sulfur	34-1	-2943.01	-2674.01	-2429.61	-2682.21		ppb
Terbium	159-1				121		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.09	0.10	0.09	3.04	ppb
Thallium	205-1	0.12	0.11	0.12	0.12	4.20	ppb
Tin	118-1	0.94	0.96	1.00	0.97	2.78	ppb
Titanium	47-1	11.07	10.71	12.11	11.29	6.44	ppb
Uranium	238-1	0.40	0.42	0.41	0.41	2.34	ppb
Vanadium	51-2	20.77	20.30	21.11	20.73	1.98	ppb
Yttrium	89-1				112		%
Yttrium	89-2				90		%
Zinc	66-2	63.16	61.64	63.04	62.61	1.35	ppb
Zirconium	90-1	1.17	1.10	1.19	1.16	3.87	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:51:49	DataFile Name :	055SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.11	1.07	1.17	1.12	4.50	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:55:00	DataFile Name :	056SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1994.59	2092.95	2080.04	2055.86	2.60	ppb
Antimony	121-1	0.10	0.09	0.10	0.10	7.08	ppb
Arsenic	75-2	0.72	0.69	0.88	0.77	13.55	ppb
Barium	135-1	71.54	71.83	72.04	71.80	0.35	ppb
Barium	137-1	70.54	70.51	71.39	70.81	0.70	ppb
Beryllium	9-1	0.09	0.28	0.16	0.18	53.90	ppb
Bismuth	209-1				128		%
Bismuth	209-2				102		%
Boron	10-1	3.34	1.08	2.67	2.36	49.12	ppb
Boron	11-1	1.95	2.61	2.47	2.34	14.67	ppb
Cadmium	111-1	-0.06	-0.13	-0.05	-0.08		ppb
Cadmium	106-1	-1.25	-2.01	-0.88	-1.38		ppb
Cadmium	108-1	0.05	0.17	0.21	0.14	56.98	ppb
Calcium	43-1	8470.30	8498.20	8469.55	8479.35	0.19	ppb
Calcium	44-1	8556.44	8642.69	8618.82	8605.98	0.52	ppb
Chromium	52-2	3.96	3.96	4.00	3.97	0.53	ppb
Cobalt	59-2	3.02	3.25	3.16	3.14	3.67	ppb
Copper	63-2	4.05	4.05	4.26	4.12	2.97	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				123		%
Holmium	165-2				101		%
Indium	115-1				115		%
Indium	115-2				90		%
Iron	56-2	3422.15	3468.22	3709.60	3533.32	4.37	ppb
Iron	57-2	3400.62	3512.92	3703.86	3539.13	4.33	ppb
Lead	206-1	3.74	3.85	3.80	3.80	1.51	ppb
Lead	207-1	3.44	3.44	3.44	3.44	0.04	ppb
Lead	208-1	3.58	3.64	3.60	3.61	0.87	ppb
Lithium	6-1				110		%
Magnesium	24-2	4366.00	4367.07	4704.39	4479.15	4.35	ppb
Manganese	55-2	391.62	396.11	423.58	403.77	4.28	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:55:00	DataFile Name :	056SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.65	2.87	2.52	2.68	6.55	ppb
Molybdenum	95-1	-0.01	0.02	0.01	0.01	171.39	ppb
Molybdenum	96-1	0.38	0.28	0.30	0.32	17.55	ppb
Molybdenum	97-1	0.01	0.04	0.01	0.02	93.06	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.04	7.04	7.80	7.29	6.06	ppb
Phosphorus	31-2	230.52	307.34	522.76	353.54	42.85	ppb
Potassium	39-2	253.57	302.17	315.85	290.53	11.27	ppb
Rhodium	103-1				111		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				75		%
Selenium	77-2	12.54	27.37	22.02	20.64	36.39	ppb
Selenium	78-2	0.97	-0.23	-0.12	0.21	322.75	ppb
Selenium	82-1	-0.21	0.00	-0.56	-0.26		ppb
Silicon	28-1	522.38	544.30	541.76	536.15	2.24	ppb
Silver	109-1	0.02	0.01	0.01	0.01	30.62	ppb
Silver	107-1	0.02	0.01	0.01	0.01	20.70	ppb
Sodium	23-2	124.97	125.57	138.45	129.66	5.88	ppb
Strontium	86-1	12.64	11.80	12.81	12.42	4.36	ppb
Strontium	88-1	12.71	12.67	12.76	12.71	0.35	ppb
Sulfur	34-1	-3794.27	-3625.67	-3649.89	-3689.94		ppb
Terbium	159-1				122		%
Terbium	159-2				101		%
Thallium	203-1	0.02	-0.01	0.00	0.01	248.22	ppb
Thallium	205-1	0.02	0.01	0.00	0.01	66.30	ppb
Tin	118-1	0.29	0.30	0.30	0.29	2.36	ppb
Titanium	47-1	30.41	28.82	32.93	30.72	6.74	ppb
Uranium	238-1	0.16	0.18	0.16	0.17	6.28	ppb
Vanadium	51-2	4.82	4.43	4.85	4.70	5.01	ppb
Yttrium	89-1				112		%
Yttrium	89-2				87		%
Zinc	66-2	12.01	12.99	14.18	13.06	8.33	ppb
Zirconium	90-1	1.65	1.63	1.62	1.63	0.98	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:55:00	DataFile Name :	056SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.76	1.47	1.70	1.65	9.16	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:58:10	DataFile Name :	057SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8880.51	8720.63	8252.33	8617.83	3.79	ppb
Antimony	121-1	0.13	0.14	0.16	0.15	9.95	ppb
Arsenic	75-2	6.36	7.64	6.49	6.83	10.30	ppb
Barium	135-1	197.96	198.46	199.55	198.65	0.41	ppb
Barium	137-1	196.25	197.00	196.99	196.75	0.22	ppb
Beryllium	9-1	0.98	1.07	1.10	1.05	5.90	ppb
Bismuth	209-1				129		%
Bismuth	209-2				105		%
Boron	10-1	3.12	2.61	2.63	2.79	10.39	ppb
Boron	11-1	2.94	3.46	2.66	3.02	13.37	ppb
Cadmium	111-1	0.37	0.33	0.32	0.34	8.60	ppb
Cadmium	106-1	-0.91	-0.95	-1.25	-1.04		ppb
Cadmium	108-1	0.73	0.89	0.66	0.76	15.28	ppb
Calcium	43-1	26184.05	25694.91	26168.01	26015.66	1.07	ppb
Calcium	44-1	25948.13	25953.79	26060.80	25987.57	0.24	ppb
Chromium	52-2	13.33	13.77	13.43	13.51	1.69	ppb
Cobalt	59-2	8.57	9.00	8.72	8.76	2.53	ppb
Copper	63-2	22.62	22.28	22.65	22.52	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				103		%
Indium	115-1				114		%
Indium	115-2				90		%
Iron	56-2	15549.33	15530.57	15678.39	15586.10	0.52	ppb
Iron	57-2	15065.24	15202.01	14816.60	15027.95	1.30	ppb
Lead	206-1	17.15	16.59	16.76	16.83	1.71	ppb
Lead	207-1	15.10	14.97	14.72	14.93	1.29	ppb
Lead	208-1	16.01	15.79	15.77	15.86	0.84	ppb
Lithium	6-1				110		%
Magnesium	24-2	6971.62	6980.53	6919.70	6957.28	0.47	ppb
Manganese	55-2	480.42	482.56	475.77	479.59	0.72	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:58:10	DataFile Name :	057SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.24	4.30	4.25	4.26	0.73	ppb
Molybdenum	95-1	0.24	0.22	0.26	0.24	9.36	ppb
Molybdenum	96-1	0.78	0.69	0.81	0.76	7.92	ppb
Molybdenum	97-1	0.29	0.23	0.25	0.26	12.72	ppb
Molybdenum	98-1	0.24	0.23	0.26	0.24	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.81	20.85	20.00	20.56	2.33	ppb
Phosphorus	31-2	339.59	267.00	557.40	388.00	38.95	ppb
Potassium	39-2	1643.50	1645.68	1696.32	1661.83	1.80	ppb
Rhodium	103-1				110		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				77		%
Selenium	77-2	19.91	63.73	55.94	46.53	50.25	ppb
Selenium	78-2	3.40	2.17	8.09	4.55	68.73	ppb
Selenium	82-1	-0.17	-0.15	0.06	-0.09		ppb
Silicon	28-1	915.78	1131.74	884.33	977.28	13.78	ppb
Silver	109-1	0.06	0.07	0.06	0.06	4.84	ppb
Silver	107-1	0.07	0.07	0.06	0.07	11.91	ppb
Sodium	23-2	281.07	294.91	283.53	286.50	2.58	ppb
Strontium	86-1	70.70	70.89	71.41	71.00	0.52	ppb
Strontium	88-1	73.31	72.10	72.43	72.61	0.87	ppb
Sulfur	34-1	-3623.50	-3450.60	-3402.95	-3492.35		ppb
Terbium	159-1				123		%
Terbium	159-2				102		%
Thallium	203-1	0.20	0.21	0.19	0.20	5.03	ppb
Thallium	205-1	0.20	0.22	0.24	0.22	10.52	ppb
Tin	118-1	0.71	0.70	0.78	0.73	5.70	ppb
Titanium	47-1	39.46	26.03	24.30	29.93	27.72	ppb
Uranium	238-1	0.98	0.96	0.96	0.97	0.72	ppb
Vanadium	51-2	23.82	23.38	24.40	23.87	2.16	ppb
Yttrium	89-1				115		%
Yttrium	89-2				90		%
Zinc	66-2	59.37	55.32	55.13	56.61	4.23	ppb
Zirconium	90-1	2.77	2.71	2.76	2.75	1.21	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:58:10	DataFile Name :	057SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.82	2.61	2.59	2.68	4.76	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:01:21	DataFile Name :	058SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7435.60	7511.37	7810.89	7585.95	2.62	ppb
Antimony	121-1	0.16	0.15	0.16	0.16	4.54	ppb
Arsenic	75-2	7.86	8.88	9.05	8.60	7.43	ppb
Barium	135-1	167.94	167.65	159.20	164.93	3.01	ppb
Barium	137-1	167.32	165.89	158.78	164.00	2.79	ppb
Beryllium	9-1	0.88	1.01	0.88	0.92	8.04	ppb
Bismuth	209-1				124		%
Bismuth	209-2				106		%
Boron	10-1	3.53	3.16	2.94	3.21	9.24	ppb
Boron	11-1	3.45	3.50	3.43	3.46	1.05	ppb
Cadmium	111-1	0.01	-0.05	-0.06	-0.03		ppb
Cadmium	106-1	-0.62	-1.64	-1.23	-1.16		ppb
Cadmium	108-1	0.26	0.34	0.63	0.41	47.64	ppb
Calcium	43-1	8189.71	8246.70	7795.23	8077.21	3.04	ppb
Calcium	44-1	8321.00	8548.13	8025.53	8298.22	3.16	ppb
Chromium	52-2	12.84	12.89	13.26	13.00	1.77	ppb
Cobalt	59-2	8.60	8.34	8.81	8.58	2.73	ppb
Copper	63-2	21.66	21.26	22.03	21.65	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				91		%
Iron	56-2	13951.43	13721.71	13947.63	13873.59	0.95	ppb
Iron	57-2	13454.94	13194.20	13379.52	13342.89	1.01	ppb
Lead	206-1	15.23	15.10	14.63	14.99	2.14	ppb
Lead	207-1	13.58	13.38	12.97	13.31	2.32	ppb
Lead	208-1	14.34	14.16	13.72	14.08	2.26	ppb
Lithium	6-1				106		%
Magnesium	24-2	7533.23	7277.62	7278.25	7363.04	2.00	ppb
Manganese	55-2	253.86	249.06	248.25	250.39	1.21	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:01:21	DataFile Name :	058SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.10	4.08	3.76	3.98	4.78	ppb
Molybdenum	95-1	0.28	0.23	0.29	0.26	11.24	ppb
Molybdenum	96-1	0.73	0.73	0.70	0.72	2.59	ppb
Molybdenum	97-1	0.27	0.34	0.28	0.30	11.25	ppb
Molybdenum	98-1	0.27	0.25	0.26	0.26	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.54	19.90	21.26	20.56	3.30	ppb
Phosphorus	31-2	372.43	613.45	516.15	500.68	24.22	ppb
Potassium	39-2	1281.94	1284.91	1311.36	1292.74	1.25	ppb
Rhodium	103-1				106		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				79		%
Selenium	77-2	26.70	55.37	41.52	41.20	34.81	ppb
Selenium	78-2	2.12	13.91	9.32	8.45	70.35	ppb
Selenium	82-1	0.40	0.21	-0.41	0.07	633.20	ppb
Silicon	28-1	654.88	664.35	621.46	646.90	3.48	ppb
Silver	109-1	0.07	0.06	0.05	0.06	22.31	ppb
Silver	107-1	0.07	0.07	0.07	0.07	5.49	ppb
Sodium	23-2	230.30	214.71	233.03	226.01	4.37	ppb
Strontium	86-1	30.24	30.31	29.05	29.87	2.37	ppb
Strontium	88-1	31.16	30.91	29.78	30.62	2.40	ppb
Sulfur	34-1	-2574.00	-2518.17	-3307.16	-2799.78		ppb
Terbium	159-1				119		%
Terbium	159-2				103		%
Thallium	203-1	0.19	0.19	0.13	0.17	19.04	ppb
Thallium	205-1	0.19	0.18	0.16	0.18	8.37	ppb
Tin	118-1	0.67	0.62	0.60	0.63	5.26	ppb
Titanium	47-1	35.90	36.10	34.01	35.34	3.26	ppb
Uranium	238-1	0.63	0.60	0.56	0.60	5.10	ppb
Vanadium	51-2	18.93	19.43	19.26	19.21	1.30	ppb
Yttrium	89-1				112		%
Yttrium	89-2				91		%
Zinc	66-2	53.95	52.79	53.67	53.47	1.13	ppb
Zirconium	90-1	2.54	2.48	2.38	2.46	3.27	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:01:21	DataFile Name :	058SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.42	2.38	2.31	2.37	2.45	ppb

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : J1227-12DLX2 Instrumnet Name : P8
 Client Sample ID : MF6B25 Dilution Factor : 2
 Date & Time Acquired :: 2018-01-23 15:04:31 DataFile Name : 059SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8784.51	9218.79	8647.12	8883.47	3.36	ppb
Antimony	121-1	0.14	0.16	0.14	0.15	5.87	ppb
Arsenic	75-2	3.39	3.53	3.59	3.51	2.91	ppb
Barium	135-1	186.63	181.20	179.13	182.32	2.13	ppb
Barium	137-1	183.39	181.17	179.40	181.32	1.10	ppb
Beryllium	9-1	0.76	1.02	0.79	0.86	16.69	ppb
Bismuth	209-1				128		%
Bismuth	209-2				102		%
Boron	10-1	1.41	3.39	3.51	2.77	42.54	ppb
Boron	11-1	3.44	3.10	3.69	3.41	8.62	ppb
Cadmium	111-1	-0.02	0.00	-0.10	-0.04		ppb
Cadmium	106-1	-0.61	-0.75	-1.86	-1.07		ppb
Cadmium	108-1	0.32	0.21	0.25	0.26	23.13	ppb
Calcium	43-1	10996.61	11098.05	11120.30	11071.65	0.60	ppb
Calcium	44-1	11233.04	11335.31	11368.23	11312.19	0.62	ppb
Chromium	52-2	15.09	15.82	15.24	15.38	2.49	ppb
Cobalt	59-2	10.73	11.21	11.20	11.05	2.46	ppb
Copper	63-2	18.69	19.36	18.47	18.84	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				100		%
Indium	115-1				113		%
Indium	115-2				88		%
Iron	56-2	15442.29	16264.77	15350.80	15685.95	3.21	ppb
Iron	57-2	14896.89	15819.57	14933.74	15216.73	3.43	ppb
Lead	206-1	14.18	14.15	13.88	14.07	1.16	ppb
Lead	207-1	12.47	12.48	12.30	12.42	0.79	ppb
Lead	208-1	13.31	13.17	13.05	13.18	0.97	ppb
Lithium	6-1				109		%
Magnesium	24-2	8768.51	9093.54	8660.57	8840.87	2.55	ppb
Manganese	55-2	302.96	318.07	305.35	308.79	2.63	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:04:31	DataFile Name :	059SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.79	3.81	3.75	3.78	0.72	ppb
Molybdenum	95-1	0.09	0.09	0.08	0.09	5.76	ppb
Molybdenum	96-1	0.62	0.52	0.56	0.57	8.34	ppb
Molybdenum	97-1	0.12	0.12	0.13	0.12	4.43	ppb
Molybdenum	98-1	0.11	0.09	0.10	0.10	9.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.96	27.25	25.54	25.92	4.58	ppb
Phosphorus	31-2	443.57	463.74	591.20	499.51	16.03	ppb
Potassium	39-2	1467.21	1602.01	1474.20	1514.47	5.01	ppb
Rhodium	103-1				110		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				77		%
Selenium	77-2	56.22	44.90	41.99	47.70	15.75	ppb
Selenium	78-2	3.35	3.71	2.19	3.08	25.88	ppb
Selenium	82-1	0.92	0.47	0.27	0.55	59.62	ppb
Silicon	28-1	738.63	706.62	767.87	737.71	4.15	ppb
Silver	109-1	0.06	0.06	0.05	0.06	5.48	ppb
Silver	107-1	0.06	0.05	0.04	0.05	16.97	ppb
Sodium	23-2	260.04	275.95	262.78	266.26	3.20	ppb
Strontium	86-1	38.57	39.50	38.80	38.96	1.25	ppb
Strontium	88-1	39.60	39.53	39.26	39.46	0.46	ppb
Sulfur	34-1	-3445.71	-3370.37	-3207.54	-3341.21		ppb
Terbium	159-1				122		%
Terbium	159-2				100		%
Thallium	203-1	0.16	0.15	0.17	0.16	5.60	ppb
Thallium	205-1	0.19	0.19	0.17	0.18	5.24	ppb
Tin	118-1	0.76	0.72	0.73	0.74	2.92	ppb
Titanium	47-1	32.48	29.93	32.53	31.65	4.71	ppb
Uranium	238-1	0.62	0.59	0.62	0.61	2.65	ppb
Vanadium	51-2	19.88	20.73	20.25	20.29	2.10	ppb
Yttrium	89-1				114		%
Yttrium	89-2				88		%
Zinc	66-2	57.26	59.66	56.99	57.97	2.54	ppb
Zirconium	90-1	2.47	2.39	2.31	2.39	3.36	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:04:31	DataFile Name :	059SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.38	2.36	2.32	2.35	1.21	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:07:42	DataFile Name :	060SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5570.31	5836.58	5584.52	5663.80	2.64	ppb
Antimony	121-1	0.15	0.17	0.16	0.16	8.78	ppb
Arsenic	75-2	7.11	6.42	7.77	7.10	9.52	ppb
Barium	135-1	210.80	212.11	210.51	211.14	0.40	ppb
Barium	137-1	210.62	210.71	210.26	210.53	0.11	ppb
Beryllium	9-1	0.62	0.62	0.54	0.59	7.90	ppb
Bismuth	209-1				128		%
Bismuth	209-2				103		%
Boron	10-1	1.97	1.99	1.97	1.98	0.51	ppb
Boron	11-1	1.92	2.10	2.26	2.09	8.12	ppb
Cadmium	111-1	0.01	0.10	0.00	0.04	148.08	ppb
Cadmium	106-1	-1.09	0.26	-1.78	-0.87		ppb
Cadmium	108-1	0.59	0.52	0.63	0.58	9.89	ppb
Calcium	43-1	17799.35	18115.39	17773.91	17896.22	1.06	ppb
Calcium	44-1	18052.35	18176.73	17902.82	18043.97	0.76	ppb
Chromium	52-2	10.88	11.76	11.50	11.38	3.98	ppb
Cobalt	59-2	6.93	7.07	6.92	6.98	1.18	ppb
Copper	63-2	12.96	13.16	13.29	13.14	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				101		%
Indium	115-1				113		%
Indium	115-2				89		%
Iron	56-2	11193.95	11456.56	11322.96	11324.49	1.16	ppb
Iron	57-2	10654.49	10965.42	10753.31	10791.08	1.47	ppb
Lead	206-1	10.14	10.24	10.12	10.16	0.63	ppb
Lead	207-1	9.16	9.18	9.08	9.14	0.59	ppb
Lead	208-1	9.70	9.67	9.54	9.64	0.86	ppb
Lithium	6-1				109		%
Magnesium	24-2	5579.57	5854.23	5815.10	5749.64	2.58	ppb
Manganese	55-2	464.28	473.50	470.43	469.40	1.00	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:07:42	DataFile Name :	060SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.04	5.11	5.10	5.08	0.74	ppb
Molybdenum	95-1	0.52	0.43	0.45	0.47	9.75	ppb
Molybdenum	96-1	1.04	1.09	1.09	1.07	2.78	ppb
Molybdenum	97-1	0.54	0.53	0.45	0.51	9.74	ppb
Molybdenum	98-1	0.54	0.46	0.45	0.49	9.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.79	16.17	15.78	15.58	4.56	ppb
Phosphorus	31-2	557.15	314.58	389.84	420.52	29.53	ppb
Potassium	39-2	899.58	931.57	950.46	927.20	2.77	ppb
Rhodium	103-1				110		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				76		%
Selenium	77-2	27.60	35.00	75.43	46.01	55.96	ppb
Selenium	78-2	3.45	2.22	3.65	3.11	24.93	ppb
Selenium	82-1	-0.18	0.30	0.51	0.21	170.13	ppb
Silicon	28-1	656.46	690.70	690.24	679.13	2.89	ppb
Silver	109-1	0.02	0.04	0.05	0.04	42.32	ppb
Silver	107-1	0.04	0.03	0.03	0.03	16.69	ppb
Sodium	23-2	231.10	252.78	250.44	244.77	4.86	ppb
Strontium	86-1	32.42	32.48	32.68	32.53	0.41	ppb
Strontium	88-1	32.89	33.08	32.73	32.90	0.53	ppb
Sulfur	34-1	-3261.74	-3064.70	-3241.36	-3189.27		ppb
Terbium	159-1				121		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.11	0.09	0.10	12.72	ppb
Thallium	205-1	0.11	0.10	0.12	0.11	12.67	ppb
Tin	118-1	0.58	0.53	0.54	0.55	5.43	ppb
Titanium	47-1	29.27	28.06	28.53	28.62	2.13	ppb
Uranium	238-1	0.49	0.51	0.51	0.50	2.41	ppb
Vanadium	51-2	15.28	15.71	15.58	15.52	1.41	ppb
Yttrium	89-1				111		%
Yttrium	89-2				88		%
Zinc	66-2	37.60	42.63	38.69	39.64	6.68	ppb
Zirconium	90-1	3.12	3.01	3.07	3.06	1.83	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:07:42	DataFile Name :	060SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.01	2.90	3.04	2.98	2.44	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:10:52	DataFile Name :	061SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6944.58	6448.46	6292.86	6561.97	5.19	ppb
Antimony	121-1	0.56	0.54	0.57	0.56	2.54	ppb
Arsenic	75-2	12.90	11.60	12.87	12.46	5.97	ppb
Barium	135-1	264.43	257.98	262.52	261.64	1.27	ppb
Barium	137-1	263.96	261.39	257.68	261.01	1.21	ppb
Beryllium	9-1	1.05	0.96	1.12	1.04	7.47	ppb
Bismuth	209-1				127		%
Bismuth	209-2				101		%
Boron	10-1	1.85	2.47	1.93	2.08	16.21	ppb
Boron	11-1	1.44	1.34	1.42	1.40	3.93	ppb
Cadmium	111-1	0.71	0.77	0.72	0.73	4.28	ppb
Cadmium	106-1	-1.17	0.08	-0.29	-0.46		ppb
Cadmium	108-1	1.27	1.54	1.10	1.30	16.91	ppb
Calcium	43-1	14104.50	13954.07	13932.67	13997.08	0.67	ppb
Calcium	44-1	14402.33	14174.99	13983.24	14186.85	1.48	ppb
Chromium	52-2	83.86	75.49	75.72	78.36	6.09	ppb
Cobalt	59-2	17.27	15.68	15.56	16.17	5.90	ppb
Copper	63-2	30.85	27.94	27.75	28.84	6.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				99		%
Indium	115-1				112		%
Indium	115-2				87		%
Iron	56-2	19270.52	17588.55	17674.88	18177.98	5.21	ppb
Iron	57-2	18851.52	17055.37	17280.84	17729.24	5.52	ppb
Lead	206-1	49.10	47.23	47.91	48.08	1.97	ppb
Lead	207-1	43.81	43.04	43.01	43.29	1.04	ppb
Lead	208-1	45.94	45.04	45.38	45.45	1.00	ppb
Lithium	6-1				107		%
Magnesium	24-2	1311.73	1175.34	1171.54	1219.54	6.55	ppb
Manganese	55-2	876.76	790.23	805.02	824.00	5.62	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:10:52	DataFile Name :	061SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.25	3.01	2.91	3.06	5.66	ppb
Molybdenum	95-1	0.54	0.54	0.64	0.57	9.75	ppb
Molybdenum	96-1	0.85	0.89	1.00	0.92	8.74	ppb
Molybdenum	97-1	0.50	0.65	0.50	0.55	15.53	ppb
Molybdenum	98-1	0.56	0.55	0.57	0.56	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.37	8.49	9.07	8.98	4.97	ppb
Phosphorus	31-2	16.99	88.97	14.06	40.01	106.06	ppb
Potassium	39-2	367.11	325.40	351.29	347.93	6.05	ppb
Rhodium	103-1				109		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				73		%
Selenium	77-2	38.56	28.29	43.52	36.79	21.10	ppb
Selenium	78-2	3.91	4.81	8.56	5.76	42.79	ppb
Selenium	82-1	-0.43	0.93	0.72	0.41	180.72	ppb
Silicon	28-1	768.40	699.69	705.21	724.43	5.27	ppb
Silver	109-1	0.07	0.06	0.07	0.07	4.98	ppb
Silver	107-1	0.06	0.06	0.06	0.06	2.31	ppb
Sodium	23-2	149.21	112.38	117.83	126.48	15.72	ppb
Strontium	86-1	50.97	48.38	48.75	49.37	2.84	ppb
Strontium	88-1	51.01	49.24	49.88	50.04	1.78	ppb
Sulfur	34-1	-2826.47	-3170.64	-2889.12	-2962.08		ppb
Terbium	159-1				120		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.06	0.06	0.06	4.34	ppb
Thallium	205-1	0.06	0.07	0.07	0.06	2.10	ppb
Tin	118-1	1.48	1.45	1.40	1.44	2.71	ppb
Titanium	47-1	9.33	8.91	10.96	9.73	11.15	ppb
Uranium	238-1	0.71	0.70	0.68	0.70	1.81	ppb
Vanadium	51-2	38.40	34.61	34.86	35.96	5.88	ppb
Yttrium	89-1				110		%
Yttrium	89-2				85		%
Zinc	66-2	875.08	789.68	795.52	820.09	5.82	ppb
Zirconium	90-1	1.80	1.72	1.67	1.73	3.77	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:10:52	DataFile Name :	061SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.86	1.72	1.52	1.70	10.34	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:14:03	DataFile Name :	062SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5974.35	6081.43	5768.35	5941.38	2.68	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	2.39	ppb
Arsenic	75-2	3.60	3.11	3.77	3.49	9.84	ppb
Barium	135-1	245.06	245.59	242.07	244.24	0.78	ppb
Barium	137-1	242.51	242.99	243.52	243.01	0.21	ppb
Beryllium	9-1	0.98	0.78	0.75	0.83	14.82	ppb
Bismuth	209-1				127		%
Bismuth	209-2				103		%
Boron	10-1	0.48	-0.15	0.27	0.20	162.41	ppb
Boron	11-1	1.03	1.64	0.76	1.15	39.39	ppb
Cadmium	111-1	-0.05	-0.08	-0.13	-0.09		ppb
Cadmium	106-1	-0.75	-1.34	-1.74	-1.28		ppb
Cadmium	108-1	0.09	0.13	0.09	0.11	21.80	ppb
Calcium	43-1	3855.14	3831.43	3748.49	3811.69	1.47	ppb
Calcium	44-1	3773.36	3846.35	3717.06	3778.92	1.72	ppb
Chromium	52-2	7.39	7.84	7.41	7.55	3.36	ppb
Cobalt	59-2	9.39	9.18	8.91	9.16	2.59	ppb
Copper	63-2	7.35	7.58	7.00	7.31	3.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				101		%
Indium	115-1				112		%
Indium	115-2				89		%
Iron	56-2	12567.59	12738.49	12421.54	12575.87	1.26	ppb
Iron	57-2	12080.64	12250.68	11848.62	12059.98	1.67	ppb
Lead	206-1	16.04	16.23	16.22	16.16	0.66	ppb
Lead	207-1	14.21	14.14	14.26	14.20	0.41	ppb
Lead	208-1	15.18	15.13	15.21	15.17	0.27	ppb
Lithium	6-1				107		%
Magnesium	24-2	1785.55	1723.27	1718.02	1742.28	2.16	ppb
Manganese	55-2	351.01	352.55	341.82	348.46	1.67	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:14:03	DataFile Name :	062SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.62	1.68	1.69	1.66	2.10	ppb
Molybdenum	95-1	0.16	0.17	0.18	0.17	7.32	ppb
Molybdenum	96-1	0.43	0.44	0.44	0.44	1.32	ppb
Molybdenum	97-1	0.15	0.17	0.18	0.17	9.94	ppb
Molybdenum	98-1	0.21	0.18	0.20	0.20	8.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.34	8.22	7.09	7.55	7.86	ppb
Phosphorus	31-2	-23.65	13.65	-23.65	-11.22		ppb
Potassium	39-2	198.46	226.99	153.98	193.14	19.05	ppb
Rhodium	103-1				108		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				76		%
Selenium	77-2	20.44	35.25	35.03	30.24	28.08	ppb
Selenium	78-2	3.51	1.01	4.67	3.06	60.98	ppb
Selenium	82-1	-0.04	0.13	0.27	0.12	126.51	ppb
Silicon	28-1	445.87	456.66	436.61	446.38	2.25	ppb
Silver	109-1	0.02	0.03	0.02	0.03	30.95	ppb
Silver	107-1	0.03	0.04	0.03	0.03	16.85	ppb
Sodium	23-2	132.71	113.02	136.14	127.29	9.80	ppb
Strontium	86-1	28.34	29.24	28.37	28.65	1.77	ppb
Strontium	88-1	28.79	29.08	28.49	28.79	1.03	ppb
Sulfur	34-1	-3308.31	-3131.20	-3766.52	-3402.01		ppb
Terbium	159-1				121		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.03	0.03	0.03	10.72	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.26	ppb
Tin	118-1	0.48	0.56	0.52	0.52	7.92	ppb
Titanium	47-1	4.90	5.21	5.30	5.14	4.07	ppb
Uranium	238-1	0.74	0.76	0.72	0.74	2.83	ppb
Vanadium	51-2	23.03	22.73	22.13	22.63	2.02	ppb
Yttrium	89-1				111		%
Yttrium	89-2				88		%
Zinc	66-2	11.36	12.89	10.65	11.63	9.83	ppb
Zirconium	90-1	1.01	1.00	0.91	0.97	5.16	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:14:03	DataFile Name :	062SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.09	0.98	0.94	1.01	7.53	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:17:14	DataFile Name :	063SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5297.72	5340.58	5701.95	5446.75	4.08	ppb
Antimony	121-1	0.11	0.13	0.09	0.11	15.87	ppb
Arsenic	75-2	2.89	3.46	3.53	3.29	10.76	ppb
Barium	135-1	193.47	192.30	188.91	191.56	1.24	ppb
Barium	137-1	191.72	190.54	188.54	190.27	0.84	ppb
Beryllium	9-1	0.91	1.13	0.92	0.99	12.49	ppb
Bismuth	209-1				126		%
Bismuth	209-2				101		%
Boron	10-1	1.17	0.37	-0.07	0.49	128.00	ppb
Boron	11-1	0.61	0.42	0.12	0.39	63.82	ppb
Cadmium	111-1	-0.01	-0.05	-0.06	-0.04		ppb
Cadmium	106-1	-0.83	-1.33	-1.44	-1.20		ppb
Cadmium	108-1	0.33	0.17	0.33	0.28	32.77	ppb
Calcium	43-1	3351.35	3215.56	3308.68	3291.86	2.11	ppb
Calcium	44-1	3270.99	3232.00	3275.31	3259.44	0.73	ppb
Chromium	52-2	7.07	7.27	7.32	7.22	1.80	ppb
Cobalt	59-2	8.47	8.47	8.74	8.56	1.84	ppb
Copper	63-2	8.90	8.72	9.10	8.91	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				99		%
Indium	115-1				112		%
Indium	115-2				88		%
Iron	56-2	8712.36	8649.13	9207.90	8856.46	3.46	ppb
Iron	57-2	8277.28	8243.77	8679.10	8400.05	2.88	ppb
Lead	206-1	8.57	8.66	8.65	8.63	0.60	ppb
Lead	207-1	7.52	7.61	7.81	7.64	1.96	ppb
Lead	208-1	8.04	8.08	8.12	8.08	0.53	ppb
Lithium	6-1				108		%
Magnesium	24-2	2653.33	2666.04	2819.76	2713.04	3.41	ppb
Manganese	55-2	174.44	173.68	183.29	177.14	3.02	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:17:14	DataFile Name :	063SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	1.78	1.79	1.84	5.63	ppb
Molybdenum	95-1	0.12	0.08	0.10	0.10	20.23	ppb
Molybdenum	96-1	0.37	0.33	0.36	0.35	4.96	ppb
Molybdenum	97-1	0.10	0.11	0.07	0.09	20.46	ppb
Molybdenum	98-1	0.13	0.09	0.13	0.12	20.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.40	12.68	13.80	12.96	5.71	ppb
Phosphorus	31-2	87.86	13.33	15.73	38.97	108.68	ppb
Potassium	39-2	284.41	303.23	312.73	300.12	4.80	ppb
Rhodium	103-1				108		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				74		%
Selenium	77-2	57.26	35.32	52.31	48.30	23.83	ppb
Selenium	78-2	3.44	2.25	7.50	4.40	62.63	ppb
Selenium	82-1	-0.58	0.64	0.32	0.13	497.41	ppb
Silicon	28-1	540.25	543.01	551.23	544.83	1.05	ppb
Silver	109-1	0.01	0.01	0.02	0.01	37.54	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.94	ppb
Sodium	23-2	163.33	158.17	183.84	168.45	8.06	ppb
Strontium	86-1	26.42	26.21	26.47	26.37	0.51	ppb
Strontium	88-1	26.70	26.65	26.94	26.77	0.59	ppb
Sulfur	34-1	-3412.67	-3440.07	-3501.81	-3451.52		ppb
Terbium	159-1				120		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.06	0.04	0.05	27.04	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.78	ppb
Tin	118-1	0.56	0.51	0.43	0.50	13.31	ppb
Titanium	47-1	15.65	14.96	15.54	15.39	2.40	ppb
Uranium	238-1	0.35	0.36	0.39	0.37	5.58	ppb
Vanadium	51-2	13.29	14.10	13.83	13.74	3.02	ppb
Yttrium	89-1				112		%
Yttrium	89-2				87		%
Zinc	66-2	19.83	22.07	20.94	20.95	5.34	ppb
Zirconium	90-1	1.18	1.17	1.18	1.18	0.51	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:17:14	DataFile Name :	063SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.02	1.11	1.04	1.06	4.63	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:20:25	DataFile Name :	064SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5620.11	5814.26	6184.87	5873.08	4.89	ppb
Antimony	121-1	0.09	0.12	0.12	0.11	15.95	ppb
Arsenic	75-2	2.04	2.85	2.25	2.38	17.60	ppb
Barium	135-1	209.47	214.54	222.21	215.41	2.98	ppb
Barium	137-1	209.78	212.33	224.38	215.50	3.62	ppb
Beryllium	9-1	0.63	0.42	0.71	0.58	25.40	ppb
Bismuth	209-1				121		%
Bismuth	209-2				103		%
Boron	10-1	0.61	0.61	-0.51	0.23	277.71	ppb
Boron	11-1	1.07	0.79	1.19	1.02	20.01	ppb
Cadmium	111-1	-0.01	0.00	0.01	0.00	5441.91	ppb
Cadmium	106-1	-0.95	-0.43	-0.69	-0.69		ppb
Cadmium	108-1	0.33	0.30	0.53	0.39	32.37	ppb
Calcium	43-1	2690.49	2759.22	2912.94	2787.55	4.09	ppb
Calcium	44-1	2602.76	2671.02	2827.43	2700.40	4.27	ppb
Chromium	52-2	8.03	8.14	8.50	8.22	3.00	ppb
Cobalt	59-2	6.38	6.18	6.49	6.35	2.48	ppb
Copper	63-2	7.57	7.77	8.21	7.85	4.15	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				101		%
Indium	115-1				109		%
Indium	115-2				89		%
Iron	56-2	8920.61	8823.94	9121.63	8955.39	1.70	ppb
Iron	57-2	8440.69	8336.06	8660.27	8479.01	1.95	ppb
Lead	206-1	6.15	6.06	6.24	6.15	1.47	ppb
Lead	207-1	5.46	5.39	5.64	5.50	2.33	ppb
Lead	208-1	5.70	5.72	5.90	5.78	1.90	ppb
Lithium	6-1				105		%
Magnesium	24-2	2705.28	2619.69	2727.29	2684.09	2.12	ppb
Manganese	55-2	260.10	257.27	264.71	260.69	1.44	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:20:25	DataFile Name :	064SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.39	3.24	3.68	3.44	6.52	ppb
Molybdenum	95-1	0.28	0.26	0.28	0.27	3.43	ppb
Molybdenum	96-1	0.71	0.67	0.70	0.69	2.93	ppb
Molybdenum	97-1	0.25	0.22	0.28	0.25	11.64	ppb
Molybdenum	98-1	0.25	0.25	0.26	0.25	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.41	15.13	16.01	15.52	2.89	ppb
Phosphorus	31-2	159.93	452.73	164.98	259.21	64.66	ppb
Potassium	39-2	459.67	431.16	441.05	443.96	3.26	ppb
Rhodium	103-1				105		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				76		%
Selenium	77-2	56.63	49.09	49.51	51.74	8.19	ppb
Selenium	78-2	3.38	2.17	9.47	5.01	78.15	ppb
Selenium	82-1	-0.06	0.08	0.70	0.24	166.43	ppb
Silicon	28-1	638.54	758.24	790.50	729.09	10.98	ppb
Silver	109-1	0.02	0.01	0.01	0.01	61.10	ppb
Silver	107-1	0.02	0.01	0.02	0.02	21.23	ppb
Sodium	23-2	144.43	142.67	171.90	153.00	10.72	ppb
Strontium	86-1	20.65	21.24	22.54	21.48	4.51	ppb
Strontium	88-1	21.08	21.39	22.43	21.63	3.27	ppb
Sulfur	34-1	-3722.33	-3591.51	-2717.68	-3343.84		ppb
Terbium	159-1				116		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.07	0.07	0.07	11.54	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	4.80	ppb
Tin	118-1	0.49	0.51	0.58	0.53	9.16	ppb
Titanium	47-1	26.09	26.89	28.75	27.25	5.02	ppb
Uranium	238-1	0.36	0.37	0.39	0.37	4.08	ppb
Vanadium	51-2	11.32	11.18	11.49	11.33	1.37	ppb
Yttrium	89-1				110		%
Yttrium	89-2				90		%
Zinc	66-2	26.29	25.99	26.39	26.22	0.79	ppb
Zirconium	90-1	1.99	2.08	2.23	2.10	5.60	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:20:25	DataFile Name :	064SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.02	2.10	2.09	2.07	2.15	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:23:35	DataFile Name :	065SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8625.07	8421.85	8554.56	8533.83	1.21	ppb
Antimony	121-1	0.20	0.21	0.22	0.21	3.82	ppb
Arsenic	75-2	31.74	28.85	31.15	30.58	4.99	ppb
Barium	135-1	692.17	687.35	689.33	689.62	0.35	ppb
Barium	137-1	717.57	707.17	706.37	710.37	0.88	ppb
Beryllium	9-1	1.15	1.14	0.99	1.10	8.38	ppb
Bismuth	209-1				125		%
Bismuth	209-2				101		%
Boron	10-1	1.67	1.05	0.47	1.06	56.37	ppb
Boron	11-1	0.69	1.24	1.19	1.04	29.15	ppb
Cadmium	111-1	-0.03	-0.07	-0.04	-0.05		ppb
Cadmium	106-1	-1.37	-1.23	-2.00	-1.53		ppb
Cadmium	108-1	0.41	0.49	0.29	0.40	24.93	ppb
Calcium	43-1	5364.37	5321.54	5256.73	5314.21	1.02	ppb
Calcium	44-1	5258.02	5257.42	5143.20	5219.55	1.27	ppb
Chromium	52-2	17.77	16.24	16.58	16.86	4.78	ppb
Cobalt	59-2	15.07	14.23	15.18	14.83	3.51	ppb
Copper	63-2	26.94	26.11	26.34	26.47	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				99		%
Indium	115-1				112		%
Indium	115-2				87		%
Iron	56-2	22301.43	21609.87	21813.59	21908.30	1.62	ppb
Iron	57-2	21823.78	20865.75	21327.06	21338.86	2.25	ppb
Lead	206-1	22.26	21.84	22.17	22.09	1.01	ppb
Lead	207-1	19.76	19.47	19.57	19.60	0.74	ppb
Lead	208-1	20.84	20.54	20.75	20.71	0.72	ppb
Lithium	6-1				108		%
Magnesium	24-2	5758.48	5646.72	5643.45	5682.89	1.15	ppb
Manganese	55-2	1514.86	1452.77	1470.81	1479.48	2.16	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:23:35	DataFile Name :	065SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.56	3.69	3.64	3.63	1.87	ppb
Molybdenum	95-1	1.09	1.01	1.02	1.04	4.14	ppb
Molybdenum	96-1	1.52	1.47	1.34	1.44	6.32	ppb
Molybdenum	97-1	1.14	1.17	1.09	1.13	3.52	ppb
Molybdenum	98-1	0.99	1.06	1.10	1.05	5.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.27	30.59	30.46	30.77	1.41	ppb
Phosphorus	31-2	728.52	522.50	381.26	544.09	32.10	ppb
Potassium	39-2	967.74	958.84	918.56	948.38	2.76	ppb
Rhodium	103-1				108		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				76		%
Selenium	77-2	50.21	78.06	55.11	61.13	24.32	ppb
Selenium	78-2	5.93	11.73	9.14	8.93	32.51	ppb
Selenium	82-1	-0.30	-0.18	0.19	-0.10		ppb
Silicon	28-1	529.21	533.19	502.11	521.51	3.24	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.79	ppb
Silver	107-1	0.00	0.00	0.02	0.01	118.35	ppb
Sodium	23-2	330.17	297.47	302.53	310.06	5.68	ppb
Strontium	86-1	32.90	31.72	31.82	32.15	2.03	ppb
Strontium	88-1	32.54	32.55	32.58	32.56	0.07	ppb
Sulfur	34-1	-4116.18	-3839.18	-4126.94	-4027.44		ppb
Terbium	159-1				119		%
Terbium	159-2				99		%
Thallium	203-1	0.20	0.14	0.17	0.17	16.17	ppb
Thallium	205-1	0.18	0.21	0.20	0.20	9.85	ppb
Tin	118-1	0.63	0.78	0.66	0.69	11.67	ppb
Titanium	47-1	23.09	23.13	22.95	23.06	0.41	ppb
Uranium	238-1	0.55	0.56	0.55	0.55	1.17	ppb
Vanadium	51-2	35.05	33.41	34.17	34.21	2.40	ppb
Yttrium	89-1				115		%
Yttrium	89-2				90		%
Zinc	66-2	72.00	65.11	67.25	68.12	5.18	ppb
Zirconium	90-1	1.90	1.86	1.92	1.89	1.69	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:23:35	DataFile Name :	065SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.77	1.85	1.94	1.85	4.61	ppb

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : J1227-19DLX2 Instrumnet Name : P8
 Client Sample ID : MF6B16D Dilution Factor : 2
 Date & Time Acquired :: 2018-01-23 15:26:45 DataFile Name : 066SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8594.43	8808.78	8459.60	8620.94	2.04	ppb
Antimony	121-1	0.19	0.23	0.21	0.21	8.37	ppb
Arsenic	75-2	31.12	31.07	33.07	31.75	3.59	ppb
Barium	135-1	695.66	695.32	686.92	692.63	0.71	ppb
Barium	137-1	716.97	713.08	703.95	711.33	0.94	ppb
Beryllium	9-1	1.10	1.12	1.20	1.14	4.77	ppb
Bismuth	209-1				125		%
Bismuth	209-2				103		%
Boron	10-1	1.38	0.25	0.47	0.70	84.97	ppb
Boron	11-1	1.28	1.58	0.93	1.26	25.72	ppb
Cadmium	111-1	-0.04	-0.01	-0.05	-0.03		ppb
Cadmium	106-1	-1.88	-1.30	-1.77	-1.65		ppb
Cadmium	108-1	0.41	0.21	0.13	0.25	56.50	ppb
Calcium	43-1	5518.71	5333.38	5289.81	5380.63	2.26	ppb
Calcium	44-1	5391.26	5338.31	5316.33	5348.63	0.72	ppb
Chromium	52-2	16.72	16.15	16.64	16.51	1.87	ppb
Cobalt	59-2	14.63	15.29	15.03	14.98	2.23	ppb
Copper	63-2	26.94	27.39	26.79	27.04	1.15	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				119		%
Holmium	165-2				101		%
Indium	115-1				112		%
Indium	115-2				90		%
Iron	56-2	21990.94	22347.81	21960.91	22099.89	0.97	ppb
Iron	57-2	21358.48	21413.49	21340.93	21370.97	0.18	ppb
Lead	206-1	22.73	21.99	22.12	22.28	1.77	ppb
Lead	207-1	19.71	19.63	19.52	19.62	0.48	ppb
Lead	208-1	21.05	20.79	20.76	20.87	0.77	ppb
Lithium	6-1				108		%
Magnesium	24-2	5549.38	5698.17	5648.07	5631.88	1.34	ppb
Manganese	55-2	1440.07	1457.41	1449.24	1448.90	0.60	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:26:45	DataFile Name :	066SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.66	3.77	3.47	3.63	4.10	ppb
Molybdenum	95-1	1.08	1.00	1.02	1.03	3.96	ppb
Molybdenum	96-1	1.45	1.38	1.52	1.45	4.77	ppb
Molybdenum	97-1	1.20	1.12	1.20	1.17	3.86	ppb
Molybdenum	98-1	1.10	1.15	1.08	1.11	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.45	31.32	30.07	30.61	2.10	ppb
Phosphorus	31-2	408.56	631.72	627.67	555.98	22.97	ppb
Potassium	39-2	1016.09	974.17	967.88	986.05	2.66	ppb
Rhodium	103-1				108		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				78		%
Selenium	77-2	55.52	78.10	54.78	62.80	21.11	ppb
Selenium	78-2	4.48	6.94	6.74	6.05	22.60	ppb
Selenium	82-1	0.21	0.90	1.13	0.75	64.30	ppb
Silicon	28-1	543.85	546.82	589.87	560.18	4.60	ppb
Silver	109-1	0.01	0.01	0.02	0.01	41.19	ppb
Silver	107-1	0.01	0.01	0.01	0.01	37.71	ppb
Sodium	23-2	300.90	290.68	287.82	293.13	2.35	ppb
Strontium	86-1	32.41	32.39	32.31	32.37	0.17	ppb
Strontium	88-1	33.03	32.70	32.89	32.87	0.51	ppb
Sulfur	34-1	-4118.36	-4333.92	-4437.39	-4296.56		ppb
Terbium	159-1				120		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.20	0.18	0.19	7.68	ppb
Thallium	205-1	0.20	0.20	0.18	0.19	6.14	ppb
Tin	118-1	0.68	0.68	0.71	0.69	2.81	ppb
Titanium	47-1	24.56	24.63	23.45	24.21	2.72	ppb
Uranium	238-1	0.59	0.57	0.55	0.57	2.91	ppb
Vanadium	51-2	35.00	34.67	34.79	34.82	0.48	ppb
Yttrium	89-1				115		%
Yttrium	89-2				92		%
Zinc	66-2	64.24	72.52	65.02	67.26	6.80	ppb
Zirconium	90-1	1.89	1.87	1.92	1.89	1.36	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:26:45	DataFile Name :	066SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.87	2.08	1.87	1.94	6.11	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LDLX10	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	10
Date & Time Acquired ::	2018-01-23 15:29:56	DataFile Name :	067SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1869.18	2108.13	1680.65	1885.98	11.36	ppb
Antimony	121-1	0.04	0.06	0.03	0.04	34.34	ppb
Arsenic	75-2	6.63	7.01	6.64	6.76	3.17	ppb
Barium	135-1	139.18	139.86	136.83	138.62	1.15	ppb
Barium	137-1	137.17	139.09	137.18	137.81	0.80	ppb
Beryllium	9-1	0.23	0.25	0.24	0.24	4.44	ppb
Bismuth	209-1				124		%
Bismuth	209-2				100		%
Boron	10-1	0.78	0.69	-0.31	0.38	157.16	ppb
Boron	11-1	0.12	0.30	0.31	0.24	43.75	ppb
Cadmium	111-1	-0.12	-0.05	-0.13	-0.10		ppb
Cadmium	106-1	-1.90	-0.80	-1.69	-1.46		ppb
Cadmium	108-1	0.02	0.14	0.02	0.06	122.61	ppb
Calcium	43-1	1018.79	1049.92	1024.91	1031.21	1.60	ppb
Calcium	44-1	1034.49	1032.81	996.65	1021.32	2.09	ppb
Chromium	52-2	3.43	3.71	3.27	3.47	6.46	ppb
Cobalt	59-2	2.97	3.50	3.05	3.17	8.94	ppb
Copper	63-2	5.45	6.14	5.48	5.69	6.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				98		%
Indium	115-1				113		%
Indium	115-2				88		%
Iron	56-2	4577.29	5065.49	4561.42	4734.73	6.05	ppb
Iron	57-2	4273.55	4812.97	4364.30	4483.61	6.44	ppb
Lead	206-1	4.47	4.58	4.46	4.50	1.55	ppb
Lead	207-1	3.72	4.11	3.93	3.92	5.02	ppb
Lead	208-1	4.10	4.28	4.22	4.20	2.15	ppb
Lithium	6-1				109		%
Magnesium	24-2	1194.87	1307.26	1183.18	1228.43	5.58	ppb
Manganese	55-2	304.97	335.18	304.46	314.87	5.59	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LDLX10	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	10
Date & Time Acquired ::	2018-01-23 15:29:56	DataFile Name :	067SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.75	0.73	0.65	0.71	7.33	ppb
Molybdenum	95-1	0.20	0.20	0.16	0.19	11.55	ppb
Molybdenum	96-1	0.33	0.23	0.19	0.25	27.98	ppb
Molybdenum	97-1	0.28	0.20	0.22	0.23	18.52	ppb
Molybdenum	98-1	0.18	0.19	0.21	0.19	7.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.78	6.50	5.48	5.92	8.89	ppb
Phosphorus	31-2	12.99	58.00	200.60	90.53	108.19	ppb
Potassium	39-2	206.00	191.33	210.12	202.49	4.88	ppb
Rhodium	103-1				110		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				74		%
Selenium	77-2	5.28	6.28	-2.20	3.12	148.51	ppb
Selenium	78-2	1.01	2.74	-0.22	1.18	125.97	ppb
Selenium	82-1	0.56	0.04	1.14	0.58	94.14	ppb
Silicon	28-1	84.00	92.19	77.88	84.69	8.47	ppb
Silver	109-1	0.00	0.01	0.00	0.00	107.80	ppb
Silver	107-1	0.00	0.00	0.00	0.00	202.09	ppb
Sodium	23-2	77.17	97.46	78.56	84.39	13.43	ppb
Strontium	86-1	7.02	7.13	6.80	6.98	2.46	ppb
Strontium	88-1	6.87	6.89	6.90	6.89	0.22	ppb
Sulfur	34-1	-4208.61	-4046.17	-4298.96	-4184.58		ppb
Terbium	159-1				118		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	-0.01	0.00	247.25	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	32.27	ppb
Tin	118-1	0.11	0.07	0.07	0.09	27.51	ppb
Titanium	47-1	4.54	4.56	4.70	4.60	1.81	ppb
Uranium	238-1	0.09	0.09	0.09	0.09	3.48	ppb
Vanadium	51-2	6.52	7.64	6.99	7.05	7.94	ppb
Yttrium	89-1				109		%
Yttrium	89-2				85		%
Zinc	66-2	14.08	15.43	14.44	14.65	4.79	ppb
Zirconium	90-1	0.41	0.39	0.37	0.39	4.08	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LDLX10	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	10
Date & Time Acquired ::	2018-01-23 15:29:56	DataFile Name :	067SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.39	0.35	0.38	6.43	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:33:07	DataFile Name :	068SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9257.84	8594.97	8991.36	8948.05	3.73	ppb
Antimony	121-1	10.04	9.84	10.35	10.08	2.55	ppb
Arsenic	75-2	37.96	33.74	32.32	34.67	8.47	ppb
Barium	135-1	888.16	894.27	896.32	892.92	0.48	ppb
Barium	137-1	908.74	919.30	910.58	912.88	0.62	ppb
Beryllium	9-1	5.97	6.41	6.24	6.20	3.55	ppb
Bismuth	209-1				125		%
Bismuth	209-2				99		%
Boron	10-1	1.00	0.46	-0.06	0.47	112.89	ppb
Boron	11-1	0.96	1.03	1.36	1.12	19.01	ppb
Cadmium	111-1	5.09	4.83	5.29	5.07	4.56	ppb
Cadmium	106-1	4.33	3.21	4.22	3.92	15.69	ppb
Cadmium	108-1	5.03	5.68	4.91	5.20	7.96	ppb
Calcium	43-1	5274.60	5439.85	5235.07	5316.51	2.04	ppb
Calcium	44-1	5293.72	5316.63	5259.76	5290.03	0.54	ppb
Chromium	52-2	38.54	37.35	37.55	37.81	1.68	ppb
Cobalt	59-2	71.42	68.15	69.40	69.66	2.37	ppb
Copper	63-2	55.32	53.68	53.38	54.13	1.93	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				120		%
Holmium	165-2				96		%
Indium	115-1				112		%
Indium	115-2				86		%
Iron	56-2	23210.39	22273.32	22344.51	22609.41	2.31	ppb
Iron	57-2	22430.00	21492.16	21882.60	21934.92	2.15	ppb
Lead	206-1	24.16	23.86	24.11	24.04	0.67	ppb
Lead	207-1	21.49	21.52	21.44	21.49	0.18	ppb
Lead	208-1	22.74	22.62	22.64	22.67	0.28	ppb
Lithium	6-1				108		%
Magnesium	24-2	5920.29	5647.54	5865.64	5811.16	2.48	ppb
Manganese	55-2	1581.07	1517.07	1543.86	1547.33	2.08	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:33:07	DataFile Name :	068SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.58	3.77	3.73	3.69	2.68	ppb
Molybdenum	95-1	1.05	1.07	1.18	1.10	6.85	ppb
Molybdenum	96-1	1.48	1.43	1.30	1.40	6.61	ppb
Molybdenum	97-1	1.04	1.10	0.95	1.03	6.98	ppb
Molybdenum	98-1	1.06	1.06	1.13	1.08	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.61	85.73	85.28	85.87	0.79	ppb
Phosphorus	31-2	627.16	312.13	387.84	442.38	37.17	ppb
Potassium	39-2	1039.82	1007.63	930.08	992.51	5.68	ppb
Rhodium	103-1				109		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				75		%
Selenium	77-2	52.84	27.10	34.23	38.06	34.93	ppb
Selenium	78-2	24.38	23.81	14.10	20.76	27.83	ppb
Selenium	82-1	8.21	10.12	9.28	9.20	10.42	ppb
Silicon	28-1	530.00	550.26	537.58	539.28	1.90	ppb
Silver	109-1	5.11	4.69	4.87	4.89	4.26	ppb
Silver	107-1	4.72	4.78	4.88	4.79	1.67	ppb
Sodium	23-2	319.45	293.91	322.87	312.08	5.07	ppb
Strontium	86-1	32.22	32.29	32.81	32.44	1.00	ppb
Strontium	88-1	32.30	32.22	33.03	32.52	1.38	ppb
Sulfur	34-1	-4558.12	-4464.74	-4381.66	-4468.17		ppb
Terbium	159-1				119		%
Terbium	159-2				96		%
Thallium	203-1	5.08	5.01	5.22	5.10	2.04	ppb
Thallium	205-1	5.09	5.10	5.10	5.09	0.12	ppb
Tin	118-1	0.77	0.67	0.67	0.70	8.51	ppb
Titanium	47-1	25.00	24.03	23.03	24.02	4.09	ppb
Uranium	238-1	0.55	0.57	0.58	0.57	2.45	ppb
Vanadium	51-2	87.38	85.79	88.18	87.11	1.39	ppb
Yttrium	89-1				116		%
Yttrium	89-2				88		%
Zinc	66-2	123.77	120.29	121.44	121.83	1.46	ppb
Zirconium	90-1	1.96	1.87	1.90	1.91	2.38	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:33:07	DataFile Name :	068SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.92	1.94	2.10	1.99	4.84	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:36:17	DataFile Name :	069SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5224.34	5551.13	5392.66	5389.38	3.03	ppb
Antimony	121-1	0.11	0.12	0.11	0.11	7.66	ppb
Arsenic	75-2	6.47	6.73	6.33	6.51	3.16	ppb
Barium	135-1	207.59	209.16	209.35	208.70	0.46	ppb
Barium	137-1	209.65	207.34	209.79	208.93	0.66	ppb
Beryllium	9-1	0.84	0.74	0.71	0.76	9.04	ppb
Bismuth	209-1				129		%
Bismuth	209-2				103		%
Boron	10-1	0.41	0.54	1.41	0.79	69.11	ppb
Boron	11-1	0.95	0.71	0.82	0.83	14.87	ppb
Cadmium	111-1	0.08	-0.01	0.03	0.03	131.49	ppb
Cadmium	106-1	-0.44	-1.65	-0.04	-0.71		ppb
Cadmium	108-1	0.20	0.28	0.28	0.26	17.77	ppb
Calcium	43-1	11466.21	11417.49	11706.69	11530.13	1.34	ppb
Calcium	44-1	11445.69	11793.17	11637.14	11625.34	1.50	ppb
Chromium	52-2	7.75	9.47	8.54	8.59	10.01	ppb
Cobalt	59-2	7.04	7.43	7.38	7.28	2.86	ppb
Copper	63-2	13.32	14.36	14.05	13.91	3.86	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				123		%
Holmium	165-2				101		%
Indium	115-1				115		%
Indium	115-2				90		%
Iron	56-2	13837.38	15172.29	14303.71	14437.79	4.69	ppb
Iron	57-2	13348.94	14592.28	13775.66	13905.63	4.54	ppb
Lead	206-1	7.59	7.76	7.37	7.57	2.55	ppb
Lead	207-1	6.78	6.84	6.65	6.76	1.45	ppb
Lead	208-1	7.18	7.23	7.05	7.15	1.32	ppb
Lithium	6-1				110		%
Magnesium	24-2	4114.57	4429.48	4259.29	4267.78	3.69	ppb
Manganese	55-2	194.65	210.23	199.61	201.50	3.95	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:36:17	DataFile Name :	069SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.79	1.62	1.84	1.75	6.41	ppb
Molybdenum	95-1	0.11	0.10	0.11	0.11	5.45	ppb
Molybdenum	96-1	0.31	0.30	0.34	0.32	7.07	ppb
Molybdenum	97-1	0.12	0.08	0.11	0.10	21.76	ppb
Molybdenum	98-1	0.08	0.08	0.10	0.09	16.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.77	18.06	17.79	17.54	3.87	ppb
Phosphorus	31-2	250.77	201.98	409.34	287.37	37.73	ppb
Potassium	39-2	725.66	931.36	880.59	845.87	12.67	ppb
Rhodium	103-1				111		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				78		%
Selenium	77-2	12.24	44.40	20.09	25.58	65.56	ppb
Selenium	78-2	6.84	6.20	3.44	5.49	32.96	ppb
Selenium	82-1	0.71	-0.54	0.55	0.24	283.35	ppb
Silicon	28-1	622.17	632.08	633.61	629.29	0.99	ppb
Silver	109-1	0.03	0.02	0.03	0.03	13.38	ppb
Silver	107-1	0.02	0.04	0.02	0.03	30.84	ppb
Sodium	23-2	366.46	391.77	363.52	373.92	4.15	ppb
Strontium	86-1	34.02	34.17	34.14	34.11	0.23	ppb
Strontium	88-1	34.64	34.91	35.08	34.87	0.64	ppb
Sulfur	34-1	-4497.04	-3999.16	-3889.49	-4128.56		ppb
Terbium	159-1				123		%
Terbium	159-2				100		%
Thallium	203-1	0.10	0.10	0.11	0.10	5.25	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	1.73	ppb
Tin	118-1	0.52	0.60	0.55	0.56	6.81	ppb
Titanium	47-1	13.88	14.18	14.19	14.08	1.27	ppb
Uranium	238-1	0.40	0.45	0.44	0.43	6.42	ppb
Vanadium	51-2	13.33	15.25	15.00	14.52	7.19	ppb
Yttrium	89-1				114		%
Yttrium	89-2				89		%
Zinc	66-2	37.34	40.91	36.81	38.35	5.82	ppb
Zirconium	90-1	1.12	1.10	1.13	1.12	1.73	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:36:17	DataFile Name :	069SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.14	1.06	1.14	1.11	4.33	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:39:27	DataFile Name :	070SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9392.54	9657.70	9675.65	9575.29	1.66	ppb
Antimony	121-1	0.27	0.30	0.33	0.30	10.39	ppb
Arsenic	75-2	46.06	45.96	50.26	47.43	5.18	ppb
Barium	135-1	365.41	360.81	360.48	362.24	0.76	ppb
Barium	137-1	364.17	359.09	359.91	361.05	0.76	ppb
Beryllium	9-1	1.48	1.43	1.81	1.58	13.10	ppb
Bismuth	209-1				130		%
Bismuth	209-2				106		%
Boron	10-1	1.92	1.08	1.29	1.43	30.57	ppb
Boron	11-1	1.73	2.26	2.47	2.15	17.54	ppb
Cadmium	111-1	0.39	0.37	0.30	0.36	13.22	ppb
Cadmium	106-1	-0.57	-0.47	-0.65	-0.56		ppb
Cadmium	108-1	0.55	0.32	0.47	0.45	26.57	ppb
Calcium	43-1	32820.85	33063.60	33157.31	33013.92	0.53	ppb
Calcium	44-1	32942.37	33084.39	33338.31	33121.69	0.61	ppb
Chromium	52-2	14.66	14.98	15.25	14.96	1.96	ppb
Cobalt	59-2	15.16	15.88	15.97	15.67	2.84	ppb
Copper	63-2	36.76	38.01	38.05	37.61	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				105		%
Indium	115-1				114		%
Indium	115-2				92		%
Iron	56-2	58047.72	60537.78	59254.49	59280.00	2.10	ppb
Iron	57-2	55926.69	58570.63	57551.50	57349.61	2.33	ppb
Lead	206-1	19.73	20.04	19.69	19.82	0.97	ppb
Lead	207-1	17.76	17.66	17.35	17.59	1.21	ppb
Lead	208-1	18.70	18.78	18.48	18.65	0.82	ppb
Lithium	6-1				110		%
Magnesium	24-2	7703.28	8341.55	8107.87	8050.90	4.01	ppb
Manganese	55-2	667.24	686.57	678.29	677.37	1.43	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:39:27	DataFile Name :	070SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.30	4.37	4.26	4.31	1.31	ppb
Molybdenum	95-1	1.03	0.89	0.93	0.95	7.63	ppb
Molybdenum	96-1	1.55	1.54	1.50	1.53	1.62	ppb
Molybdenum	97-1	1.01	1.08	0.99	1.03	4.20	ppb
Molybdenum	98-1	0.97	1.02	0.94	0.97	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.27	49.17	48.52	48.32	2.00	ppb
Phosphorus	31-2	751.14	681.54	888.11	773.59	13.59	ppb
Potassium	39-2	1220.83	1264.61	1218.57	1234.67	2.10	ppb
Rhodium	103-1				111		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				78		%
Selenium	77-2	33.54	55.30	69.79	52.87	34.51	ppb
Selenium	78-2	4.42	6.81	-0.26	3.66	98.44	ppb
Selenium	82-1	0.20	0.26	-0.02	0.15	103.26	ppb
Silicon	28-1	795.66	807.39	858.11	820.39	4.05	ppb
Silver	109-1	0.04	0.05	0.03	0.04	13.45	ppb
Silver	107-1	0.03	0.03	0.04	0.04	4.88	ppb
Sodium	23-2	384.96	391.58	372.14	382.89	2.58	ppb
Strontium	86-1	57.62	56.32	58.17	57.37	1.65	ppb
Strontium	88-1	58.14	57.94	58.11	58.07	0.18	ppb
Sulfur	34-1	-3587.45	-3543.27	-3296.12	-3475.61		ppb
Terbium	159-1				123		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.12	0.16	0.14	13.20	ppb
Thallium	205-1	0.17	0.16	0.16	0.16	3.05	ppb
Tin	118-1	0.71	0.69	0.69	0.70	1.36	ppb
Titanium	47-1	21.17	25.44	27.79	24.80	13.53	ppb
Uranium	238-1	1.08	1.06	1.03	1.06	2.57	ppb
Vanadium	51-2	66.50	69.46	69.30	68.42	2.43	ppb
Yttrium	89-1				117		%
Yttrium	89-2				92		%
Zinc	66-2	81.02	80.18	78.38	79.86	1.69	ppb
Zirconium	90-1	2.42	2.30	2.39	2.37	2.69	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:39:27	DataFile Name :	070SMPL_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.14	2.26	2.29	2.23	3.49	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:48:52	DataFile Name :	073CCV_P8012318 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47239.00	47805.41	48503.69	47849.37	1.32	ppb
Antimony	121-1	487.18	493.66	493.39	491.41	0.75	ppb
Arsenic	75-2	493.24	496.90	496.42	495.52	0.40	ppb
Barium	135-1	2458.64	2492.23	2518.29	2489.72	1.20	ppb
Barium	137-1	2441.50	2468.65	2465.37	2458.51	0.60	ppb
Beryllium	9-1	487.93	495.07	497.09	493.36	0.98	ppb
Bismuth	209-1				116		%
Bismuth	209-2				98		%
Boron	10-1	465.65	471.82	492.83	476.76	2.99	ppb
Boron	11-1	471.48	490.79	492.12	484.80	2.38	ppb
Cadmium	111-1	468.99	478.14	472.33	473.15	0.98	ppb
Cadmium	106-1	473.84	471.32	483.29	476.15	1.33	ppb
Cadmium	108-1	471.27	467.26	467.16	468.56	0.50	ppb
Calcium	43-1	243882.57	242469.60	242483.55	242945.24	0.33	ppb
Calcium	44-1	238592.26	240249.32	241578.18	240139.92	0.62	ppb
Chromium	52-2	496.09	499.46	507.01	500.85	1.12	ppb
Cobalt	59-2	486.31	489.01	495.26	490.19	0.94	ppb
Copper	63-2	946.80	955.55	966.45	956.27	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				85		%
Iron	56-2	121012.53	121839.70	123755.50	122202.57	1.15	ppb
Iron	57-2	117954.83	118290.49	120071.26	118772.20	0.96	ppb
Lead	206-1	497.41	502.92	497.60	499.31	0.63	ppb
Lead	207-1	499.14	493.87	499.07	497.36	0.61	ppb
Lead	208-1	500.08	496.58	499.73	498.80	0.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	242006.81	242450.79	247614.27	244023.96	1.28	ppb
Manganese	55-2	973.01	982.10	1005.52	986.88	1.70	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:48:52	DataFile Name :	073CCV_P8012318 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2485.67	2461.20	2485.63	2477.50	0.57	ppb
Molybdenum	95-1	2452.12	2452.43	2439.17	2447.91	0.31	ppb
Molybdenum	96-1	2439.12	2450.50	2460.42	2450.01	0.44	ppb
Molybdenum	97-1	2484.83	2463.53	2480.85	2476.40	0.46	ppb
Molybdenum	98-1	2437.91	2435.86	2434.33	2436.03	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.37	483.79	500.17	488.11	2.17	ppb
Phosphorus	31-2	9335.10	10878.00	9820.93	10011.35	7.88	ppb
Potassium	39-2	119160.05	118784.31	120748.35	119564.24	0.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				77		%
Selenium	77-2	406.07	470.17	622.74	499.66	22.28	ppb
Selenium	78-2	476.70	511.62	467.33	485.22	4.81	ppb
Selenium	82-1	473.32	475.42	471.65	473.46	0.40	ppb
Silicon	28-1	522.05	527.31	536.66	528.67	1.40	ppb
Silver	109-1	479.35	481.14	485.91	482.13	0.70	ppb
Silver	107-1	479.68	487.91	485.89	484.49	0.88	ppb
Sodium	23-2	242425.82	242027.62	245908.15	243453.86	0.88	ppb
Strontium	86-1	488.42	492.41	485.98	488.93	0.66	ppb
Strontium	88-1	499.89	500.36	497.37	499.21	0.32	ppb
Sulfur	34-1	9166.50	9452.74	9275.18	9298.14	1.55	ppb
Terbium	159-1				116		%
Terbium	159-2				100		%
Thallium	203-1	501.04	496.13	500.06	499.07	0.52	ppb
Thallium	205-1	494.03	492.08	497.33	494.48	0.54	ppb
Tin	118-1	493.25	495.25	498.15	495.55	0.50	ppb
Titanium	47-1	2435.04	2470.18	2452.19	2452.47	0.72	ppb
Uranium	238-1	501.95	495.18	497.55	498.23	0.69	ppb
Vanadium	51-2	494.80	496.09	504.86	498.59	1.10	ppb
Yttrium	89-1				104		%
Yttrium	89-2				84		%
Zinc	66-2	963.92	975.59	985.97	975.16	1.13	ppb
Zirconium	90-1	493.54	494.35	492.21	493.37	0.22	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:48:52	DataFile Name :	073CCV_P8012318 MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	478.99	476.06	474.73	476.60	0.46	ppb

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : CCB043 Instrumnet Name : P8
 Client Sample ID : CCB043 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-23 15:51:54 DataFile Name : 074CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	0.58	-2.48	-0.69		ppb
Antimony	121-1	0.54	0.51	0.58	0.54	6.11	ppb
Arsenic	75-2	-0.04	-0.04	-0.01	-0.03		ppb
Barium	135-1	-0.04	-0.03	-0.02	-0.03		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.41	0.46	0.23	0.37	32.88	ppb
Bismuth	209-1				123		%
Bismuth	209-2				98		%
Boron	10-1	22.43	17.55	15.90	18.63	18.24	ppb
Boron	11-1	19.77	19.67	18.63	19.36	3.27	ppb
Cadmium	111-1	-0.12	-0.04	-0.07	-0.08		ppb
Cadmium	106-1	-1.85	-1.08	-1.26	-1.40		ppb
Cadmium	108-1	0.02	0.06	0.02	0.03	72.60	ppb
Calcium	43-1	-3.58	-4.02	-8.24	-5.28		ppb
Calcium	44-1	-32.18	-30.12	-29.66	-30.65		ppb
Chromium	52-2	-0.16	0.06	-0.02	-0.04		ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.08	0.10	0.04	0.07	37.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				96		%
Indium	115-1				111		%
Indium	115-2				86		%
Iron	56-2	6.52	7.79	5.73	6.68	15.57	ppb
Iron	57-2	5.67	8.81	8.32	7.60	22.21	ppb
Lead	206-1	0.05	0.02	0.01	0.03	74.04	ppb
Lead	207-1	0.01	0.03	0.01	0.02	65.89	ppb
Lead	208-1	0.03	0.03	0.02	0.03	17.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	-13.82	-3.24	-5.99	-7.68		ppb
Manganese	55-2	0.04	0.01	-0.01	0.01	203.36	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P8
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:51:54	DataFile Name :	074CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.12	0.14	0.13	10.49	ppb
Molybdenum	95-1	0.11	0.19	0.18	0.16	28.14	ppb
Molybdenum	96-1	0.14	0.12	0.17	0.14	19.10	ppb
Molybdenum	97-1	0.19	0.20	0.11	0.17	28.33	ppb
Molybdenum	98-1	0.15	0.17	0.18	0.16	8.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.68	-0.70	-0.89	-0.76		ppb
Phosphorus	31-2	-23.65	-23.65	-23.65	-23.65		ppb
Potassium	39-2	2.90	46.29	4.50	17.90	137.46	ppb
Rhodium	103-1				106		%
Rhodium	103-2				89		%
Scandium	45-1				98		%
Scandium	45-2				74		%
Selenium	77-2	5.51	-2.20	5.58	2.96	150.93	ppb
Selenium	78-2	-0.18	0.03	-1.44	-0.53		ppb
Selenium	82-1	0.23	-0.55	-0.41	-0.24		ppb
Silicon	28-1	-38.26	-37.39	-31.96	-35.87		ppb
Silver	109-1	0.02	0.02	0.03	0.02	21.66	ppb
Silver	107-1	0.01	0.01	0.02	0.02	21.72	ppb
Sodium	23-2	59.07	82.35	41.75	61.06	33.36	ppb
Strontium	86-1	-0.08	-0.07	-0.04	-0.06		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	37.49	ppb
Sulfur	34-1	-1749.37	-1361.64	-1493.16	-1534.72		ppb
Terbium	159-1				116		%
Terbium	159-2				95		%
Thallium	203-1	0.09	0.09	0.08	0.09	8.53	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	11.33	ppb
Tin	118-1	0.04	0.03	0.03	0.04	14.28	ppb
Titanium	47-1	-0.09	-0.01	-0.04	-0.05		ppb
Uranium	238-1	-0.02	-0.03	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.03	0.00	-0.01		ppb
Yttrium	89-1				106		%
Yttrium	89-2				81		%
Zinc	66-2	-0.12	0.32	0.20	0.14	167.11	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	31.57	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P8
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:51:54	DataFile Name :	074CCBE_P8012318 MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.02	0.03	27.52	ppb

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:33:39	DataFile Name :	003CALB_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.28	cps
Antimony	121-1	42	25	58	42	40.00	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	83	50	67	67	25.00	cps
Barium	137-1	133	133	100	122	15.75	cps
Beryllium	9-1	122	67	83	91	31.42	cps
Bismuth	209-1	3658435	3512548	3527698	3566227	2.25	cps
Bismuth	209-2	996371	997097	995261	996243	0.09	cps
Boron	10-1	242	125	92	153	51.55	cps
Boron	11-1	642	617	683	647	5.20	cps
Cadmium	111-1	706	571	730	669	12.81	cps
Cadmium	106-1	942	792	1025	920	12.86	cps
Cadmium	108-1	4	0	13	6	114.53	cps
Calcium	43-1	800	692	558	683	17.72	cps
Calcium	44-1	16277	16110	16927	16438	2.63	cps
Chromium	52-2	300	297	243	280	11.36	cps
Cobalt	59-2	83	63	87	78	16.23	cps
Copper	63-2	107	90	133	110	19.87	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	42	50	42	44	10.82	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	5416859	5172554	5212686	5267366	2.49	cps
Holmium	165-2	1205828	1200394	1200718	1202313	0.25	cps
Indium	115-1	4273427	4074650	4114070	4154049	2.53	cps
Indium	115-2	198818	197086	196933	197612	0.53	cps
Iron	56-2	1583	1745	1345	1558	12.92	cps
Iron	57-2	28	44	67	46	42.14	cps
Lead	206-1	439	400	311	383	17.09	cps
Lead	207-1	328	328	406	354	12.70	cps
Lead	208-1	1767	1678	1583	1676	5.47	cps
Lithium	6-1	545784	522169	525258	531071	2.42	cps
Magnesium	24-2	592	517	642	583	10.79	cps
Manganese	55-2	13	27	30	23	37.81	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:33:39	DataFile Name :	003CALB_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	258	58	172	59.72	cps
Molybdenum	95-1	108	92	125	108	15.39	cps
Molybdenum	96-1	133	150	133	139	6.93	cps
Molybdenum	97-1	92	92	50	78	30.93	cps
Molybdenum	98-1	175	158	142	158	10.53	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	907	957	843	902	6.30	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2500	2050	2267	2273	9.90	cps
Rhodium	103-1	3990020	3762461	3877393	3876625	2.94	cps
Rhodium	103-2	1110924	1095538	1096938	1101133	0.77	cps
Scandium	45-1	2256591	2173014	2133522	2187709	2.87	cps
Scandium	45-2	20532	20171	19861	20188	1.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-17	28	-48	-12	-306.40	cps
Silicon	28-1	347625	345298	350324	347749	0.72	cps
Silver	109-1	33	33	25	31	15.75	cps
Silver	107-1	100	67	67	78	24.75	cps
Sodium	23-2	5443	5159	5184	5262	2.98	cps
Strontium	86-1	417	325	575	439	28.82	cps
Strontium	88-1	92	158	67	106	44.90	cps
Sulfur	34-1	302769	296542	297382	298898	1.13	cps
Terbium	159-1	5615855	5322577	5361824	5433419	2.93	cps
Terbium	159-2	1163824	1157695	1153803	1158441	0.44	cps
Thallium	203-1	342	375	250	322	20.09	cps
Thallium	205-1	658	683	517	619	14.51	cps
Tin	118-1	575	533	517	542	5.55	cps
Titanium	47-1	117	92	117	108	13.32	cps
Uranium	238-1	775	492	400	556	35.19	cps
Vanadium	51-2	17	10	10	12	31.50	cps
Yttrium	89-1	4360867	4183711	4197934	4247504	2.32	cps
Yttrium	89-2	146475	145707	144407	145530	0.72	cps
Zinc	66-2	30	23	23	26	15.07	cps
Zirconium	90-1	250	300	267	272	9.35	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:33:39	DataFile Name :	003CALB_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	67	25	47	44.41	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:40:37	DataFile Name :	005CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	100	108	111	11.46	cps
Antimony	121-1	12148	12490	13099	12579	3.83	cps
Arsenic	75-2	74	81	67	74	10.00	cps
Barium	135-1	13557	12990	13641	13396	2.64	cps
Barium	137-1	23054	23497	24541	23697	3.22	cps
Beryllium	9-1	778	744	744	756	2.55	cps
Bismuth	209-1	3895555	3856072	3850263	3867296	0.64	cps
Bismuth	209-2	1018795	995949	1010866	1008537	1.15	cps
Boron	10-1	1642	1967	1825	1811	9.00	cps
Boron	11-1	8786	8520	9487	8931	5.59	cps
Cadmium	111-1	1911	2194	1777	1961	10.87	cps
Cadmium	106-1	1175	1333	1042	1183	12.34	cps
Cadmium	108-1	113	133	104	117	12.88	cps
Calcium	43-1	6685	6710	6719	6705	0.26	cps
Calcium	44-1	114389	114608	115070	114689	0.30	cps
Chromium	52-2	1403	1460	1267	1377	7.22	cps
Cobalt	59-2	1320	1200	1380	1300	7.05	cps
Copper	63-2	2174	2334	2067	2191	6.13	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	25	58	8	31	83.33	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	5727441	5682748	5684987	5698392	0.44	cps
Holmium	165-2	1220617	1197157	1214790	1210854	1.01	cps
Indium	115-1	4520232	4468501	4473575	4487436	0.64	cps
Indium	115-2	202824	198072	195076	198657	1.97	cps
Iron	56-2	21206	20488	20415	20703	2.11	cps
Iron	57-2	406	472	539	472	14.12	cps
Lead	206-1	4568	4840	4601	4670	3.18	cps
Lead	207-1	4301	3834	4045	4060	5.76	cps
Lead	208-1	18834	18567	18578	18660	0.81	cps
Lithium	6-1	574156	567838	563548	568514	0.94	cps
Magnesium	24-2	10246	10054	9762	10021	2.43	cps
Manganese	55-2	170	177	173	173	1.92	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:40:37	DataFile Name :	005CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10621	10571	10588	10593	0.24	cps
Molybdenum	95-1	12256	12440	12523	12406	1.10	cps
Molybdenum	96-1	14483	13666	14417	14189	3.20	cps
Molybdenum	97-1	7703	8170	7569	7814	4.03	cps
Molybdenum	98-1	21009	20341	20174	20508	2.15	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1180	1173	1207	1187	1.49	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	8086	8303	7611	8000	4.43	cps
Rhodium	103-1	4230269	4157735	4133262	4173755	1.21	cps
Rhodium	103-2	1127970	1095302	1103591	1108954	1.53	cps
Scandium	45-1	2370197	2347971	2307097	2341755	1.37	cps
Scandium	45-2	20585	19380	20068	20011	3.02	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	13	4	7	8	58.09	cps
Selenium	82-1	344	444	341	376	15.58	cps
Silicon	28-1	386984	385058	385553	385865	0.26	cps
Silver	109-1	6727	6110	6102	6313	5.68	cps
Silver	107-1	6710	6377	6377	6488	2.97	cps
Sodium	23-2	28446	27912	27536	27965	1.64	cps
Strontium	86-1	1884	2134	2059	2025	6.34	cps
Strontium	88-1	14525	14366	14608	14500	0.85	cps
Sulfur	34-1	305991	307588	304710	306096	0.47	cps
Terbium	159-1	5944754	5933251	5875053	5917686	0.63	cps
Terbium	159-2	1188375	1149258	1164200	1167278	1.69	cps
Thallium	203-1	5268	4960	5293	5174	3.59	cps
Thallium	205-1	13157	13483	12774	13138	2.70	cps
Tin	118-1	22261	22536	22228	22342	0.76	cps
Titanium	47-1	2959	2992	2867	2939	2.20	cps
Uranium	238-1	16603	17021	16545	16723	1.55	cps
Vanadium	51-2	2164	2004	2090	2086	3.84	cps
Yttrium	89-1	4660055	4548366	4600707	4603043	1.21	cps
Yttrium	89-2	148807	143989	143868	145555	1.94	cps
Zinc	66-2	167	163	243	191	23.68	cps
Zirconium	90-1	8661	9070	8995	8909	2.44	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:40:37	DataFile Name :	005CALS_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2100	2142	1967	2070	4.42	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:44:09	DataFile Name :	006CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4159	4218	4243	4206	1.02	cps
Antimony	121-1	350036	352672	352072	351593	0.39	cps
Arsenic	75-2	3767	3841	3865	3825	1.34	cps
Barium	135-1	375933	375531	379135	376867	0.52	cps
Barium	137-1	658501	661151	662259	660637	0.29	cps
Beryllium	9-1	36536	37143	37728	37135	1.61	cps
Bismuth	209-1	3963950	3585874	3817188	3789004	5.03	cps
Bismuth	209-2	1038329	1034208	1025485	1032674	0.64	cps
Boron	10-1	3884	4017	4092	3998	2.64	cps
Boron	11-1	18704	19188	20173	19355	3.87	cps
Cadmium	111-1	75170	75117	75164	75150	0.04	cps
Cadmium	106-1	8386	8386	8603	8459	1.48	cps
Cadmium	108-1	5372	5393	4993	5253	4.29	cps
Calcium	43-1	69155	69037	68442	68878	0.55	cps
Calcium	44-1	1117770	1122662	1123799	1121410	0.29	cps
Chromium	52-2	30229	30063	30293	30195	0.39	cps
Cobalt	59-2	66846	65326	65680	65951	1.21	cps
Copper	63-2	114997	114359	114839	114732	0.29	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	0	25	33	114.56	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	50	25	8	28	75.51	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	5852829	5340675	5695840	5629782	4.66	cps
Holmium	165-2	1247987	1234207	1238921	1240371	0.56	cps
Indium	115-1	4608539	4148051	4392880	4383157	5.26	cps
Indium	115-2	201365	200385	199206	200319	0.54	cps
Iron	56-2	1018467	1011190	1014001	1014553	0.36	cps
Iron	57-2	24878	25474	25095	25149	1.20	cps
Lead	206-1	236680	241847	242378	240302	1.31	cps
Lead	207-1	215410	217150	215065	215875	0.52	cps
Lead	208-1	964242	975201	973017	970820	0.60	cps
Lithium	6-1	579519	530558	564337	558138	4.49	cps
Magnesium	24-2	105968	105549	105010	105509	0.46	cps
Manganese	55-2	16880	17014	17805	17233	2.90	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:44:09	DataFile Name :	006CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	578722	580397	578020	579046	0.21	cps
Molybdenum	95-1	700692	710713	702221	704542	0.77	cps
Molybdenum	96-1	785562	792562	787168	788431	0.47	cps
Molybdenum	97-1	441812	448768	440410	443663	1.01	cps
Molybdenum	98-1	1136817	1142251	1145367	1141478	0.38	cps
Neodymium	150-1	33	20	27	27	24.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	19764	20222	20535	20174	1.92	cps
Phosphorus	31-2	425	292	308	342	21.26	cps
Potassium	39-2	31837	31945	32012	31931	0.28	cps
Rhodium	103-1	4264579	3821346	4121867	4069264	5.56	cps
Rhodium	103-2	1121855	1117342	1117882	1119026	0.22	cps
Scandium	45-1	2360034	2148123	2310804	2272987	4.88	cps
Scandium	45-2	19457	19647	19220	19441	1.10	cps
Selenium	77-2	33	27	10	23	51.50	cps
Selenium	78-2	78	102	76	85	16.98	cps
Selenium	82-1	4491	4513	4439	4481	0.85	cps
Silicon	28-1	489656	487414	486239	487770	0.36	cps
Silver	109-1	346097	348585	350033	348238	0.57	cps
Silver	107-1	360926	370812	364501	365413	1.37	cps
Sodium	23-2	250246	246059	246819	247708	0.90	cps
Strontium	86-1	91079	92806	90592	91492	1.27	cps
Strontium	88-1	787644	787921	787405	787657	0.03	cps
Sulfur	34-1	327069	322657	324598	324775	0.68	cps
Terbium	159-1	6060653	5491314	5897314	5816427	5.04	cps
Terbium	159-2	1202346	1199449	1187429	1196408	0.66	cps
Thallium	203-1	289288	291481	291879	290882	0.48	cps
Thallium	205-1	695708	700093	712001	702601	1.20	cps
Tin	118-1	242885	243343	240042	242090	0.74	cps
Titanium	47-1	170561	170552	171722	170945	0.39	cps
Uranium	238-1	944533	950963	959274	951590	0.78	cps
Vanadium	51-2	22632	22692	22725	22683	0.21	cps
Yttrium	89-1	4621551	4270564	4505707	4465941	4.00	cps
Yttrium	89-2	146203	145479	144209	145297	0.69	cps
Zinc	66-2	10618	10538	10301	10485	1.57	cps
Zirconium	90-1	480417	486019	489710	485382	0.96	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:44:09	DataFile Name :	006CALS_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	107942	107178	108455	107859	0.60	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:47:41	DataFile Name :	007CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10304	10496	10404	10401	0.92	cps
Antimony	121-1	893475	886298	891452	890408	0.42	cps
Arsenic	75-2	8964	9023	9038	9009	0.44	cps
Barium	135-1	958559	960702	957178	958813	0.19	cps
Barium	137-1	1684437	1667762	1704964	1685721	1.11	cps
Beryllium	9-1	90494	91288	90170	90651	0.63	cps
Bismuth	209-1	4114617	4115299	4097673	4109196	0.24	cps
Bismuth	209-2	1024882	1027872	1032533	1028429	0.37	cps
Boron	10-1	9303	9979	10271	9851	5.04	cps
Boron	11-1	46978	48826	48483	48095	2.04	cps
Cadmium	111-1	188298	186940	187358	187532	0.37	cps
Cadmium	106-1	20450	19865	20149	20155	1.45	cps
Cadmium	108-1	13244	13307	13816	13456	2.33	cps
Calcium	43-1	165826	166660	169088	167191	1.01	cps
Calcium	44-1	2757816	2725236	2747840	2743631	0.61	cps
Chromium	52-2	71404	71877	71478	71586	0.35	cps
Cobalt	59-2	160124	159180	157195	158833	0.94	cps
Copper	63-2	279335	277637	277049	278007	0.43	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	5957197	5927114	5973161	5952491	0.39	cps
Holmium	165-2	1235083	1241389	1252702	1243058	0.72	cps
Indium	115-1	4577993	4552958	4618003	4582985	0.72	cps
Indium	115-2	195206	193246	194318	194257	0.51	cps
Iron	56-2	2462163	2468787	2476456	2469135	0.29	cps
Iron	57-2	62456	61240	61240	61646	1.14	cps
Lead	206-1	612467	614032	614306	613602	0.16	cps
Lead	207-1	554631	552842	556985	554819	0.37	cps
Lead	208-1	2486163	2487928	2499300	2491130	0.29	cps
Lithium	6-1	582812	581810	588182	584268	0.59	cps
Magnesium	24-2	251059	247440	254189	250896	1.35	cps
Manganese	55-2	41960	41605	41522	41696	0.56	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:47:41	DataFile Name :	007CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1468154	1463651	1481905	1471237	0.65	cps
Molybdenum	95-1	1782133	1793057	1786521	1787237	0.31	cps
Molybdenum	96-1	2044015	2024957	2011491	2026821	0.81	cps
Molybdenum	97-1	1102850	1105841	1105924	1104872	0.16	cps
Molybdenum	98-1	2893109	2887337	2877909	2886118	0.27	cps
Neodymium	150-1	47	40	47	44	8.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	47133	46839	46912	46961	0.33	cps
Phosphorus	31-2	725	683	642	683	6.10	cps
Potassium	39-2	71784	71080	72269	71711	0.83	cps
Rhodium	103-1	4177631	4145004	4192118	4171584	0.58	cps
Rhodium	103-2	1091586	1100254	1101819	1097887	0.50	cps
Scandium	45-1	2356789	2300847	2347928	2335188	1.29	cps
Scandium	45-2	18689	18880	18850	18806	0.54	cps
Selenium	77-2	63	50	67	60	14.70	cps
Selenium	78-2	183	226	204	204	10.43	cps
Selenium	82-1	10885	10922	11228	11011	1.71	cps
Silicon	28-1	681380	682305	683813	682499	0.18	cps
Silver	109-1	874305	872476	869450	872077	0.28	cps
Silver	107-1	905808	916846	910562	911072	0.61	cps
Sodium	23-2	589435	584256	587644	587112	0.45	cps
Strontium	86-1	226347	226643	227219	226736	0.20	cps
Strontium	88-1	2002890	2008560	1972218	1994556	0.98	cps
Sulfur	34-1	346838	344046	346723	345869	0.46	cps
Terbium	159-1	6156831	6141727	6179448	6159335	0.31	cps
Terbium	159-2	1183420	1194911	1199362	1192565	0.69	cps
Thallium	203-1	759131	752476	758232	756613	0.48	cps
Thallium	205-1	1833089	1834544	1842643	1836759	0.28	cps
Tin	118-1	606345	606034	607575	606651	0.13	cps
Titanium	47-1	418732	415852	419203	417929	0.43	cps
Uranium	238-1	2500438	2522638	2529535	2517537	0.60	cps
Vanadium	51-2	54683	53733	53856	54091	0.96	cps
Yttrium	89-1	4690440	4635587	4628799	4651609	0.73	cps
Yttrium	89-2	141336	141365	142259	141653	0.37	cps
Zinc	66-2	24842	24338	24382	24521	1.14	cps
Zirconium	90-1	1216393	1212515	1209268	1212725	0.29	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:47:41	DataFile Name :	007CALS_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	268859	271094	266563	268839	0.84	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:51:06	DataFile Name :	008CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19497	19005	18588	19030	2.39	cps
Antimony	121-1	1801206	1824225	1813408	1812946	0.64	cps
Arsenic	75-2	17031	16938	17029	16999	0.31	cps
Barium	135-1	1926099	1928410	1921091	1925200	0.19	cps
Barium	137-1	3382343	3368619	3365477	3372146	0.27	cps
Beryllium	9-1	175945	174968	175067	175327	0.31	cps
Bismuth	209-1	4204965	4141484	4206811	4184420	0.89	cps
Bismuth	209-2	1019091	1022056	1020807	1020651	0.15	cps
Boron	10-1	19280	19706	20165	19717	2.24	cps
Boron	11-1	90108	93513	93714	92445	2.19	cps
Cadmium	111-1	372837	370983	371505	371775	0.26	cps
Cadmium	106-1	39751	39534	38331	39205	1.95	cps
Cadmium	108-1	26531	26627	26639	26599	0.22	cps
Calcium	43-1	325717	324779	324585	325027	0.19	cps
Calcium	44-1	5311034	5247501	5201699	5253411	1.05	cps
Chromium	52-2	135040	135346	133213	134533	0.86	cps
Cobalt	59-2	301891	298317	295963	298724	1.00	cps
Copper	63-2	523834	520135	518822	520930	0.50	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	0	0	13	4	173.21	cps
Gadolinium	160-1	83	25	50	53	55.46	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	6062384	6069078	6071633	6067698	0.08	cps
Holmium	165-2	1228552	1232142	1228747	1229813	0.16	cps
Indium	115-1	4577247	4545219	4584999	4569155	0.46	cps
Indium	115-2	185289	185819	183599	184902	0.63	cps
Iron	56-2	4605123	4531228	4500358	4545570	1.18	cps
Iron	57-2	116220	114685	113368	114758	1.24	cps
Lead	206-1	1257560	1266659	1266074	1263431	0.40	cps
Lead	207-1	1134273	1145358	1148394	1142675	0.65	cps
Lead	208-1	5170610	5202451	5202736	5191932	0.36	cps
Lithium	6-1	583508	590908	586883	587100	0.63	cps
Magnesium	24-2	471626	464993	459739	465453	1.28	cps
Manganese	55-2	77775	78365	76625	77588	1.14	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:51:06	DataFile Name :	008CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2908712	2881649	2908370	2899577	0.54	cps
Molybdenum	95-1	3515920	3512645	3468561	3499042	0.76	cps
Molybdenum	96-1	3997139	3961785	3924894	3961273	0.91	cps
Molybdenum	97-1	2239187	2207245	2203896	2216776	0.88	cps
Molybdenum	98-1	5705835	5706878	5630308	5681007	0.77	cps
Neodymium	150-1	127	80	87	98	25.81	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	87744	87284	87241	87423	0.32	cps
Phosphorus	31-2	1333	1217	1292	1281	4.62	cps
Potassium	39-2	130038	129004	129180	129407	0.43	cps
Rhodium	103-1	4181597	4149507	4131452	4154185	0.61	cps
Rhodium	103-2	1056168	1057836	1057154	1057053	0.08	cps
Scandium	45-1	2284537	2254203	2247765	2262168	0.87	cps
Scandium	45-2	17431	16970	16754	17052	2.03	cps
Selenium	77-2	120	127	83	110	21.21	cps
Selenium	78-2	407	398	428	411	3.69	cps
Selenium	82-1	21597	21414	21533	21515	0.43	cps
Silicon	28-1	992388	985541	979228	985719	0.67	cps
Silver	109-1	1752093	1763746	1722313	1746051	1.22	cps
Silver	107-1	1835885	1834340	1816284	1828836	0.60	cps
Sodium	23-2	1114974	1108715	1086789	1103493	1.34	cps
Strontium	86-1	445165	448167	443042	445458	0.58	cps
Strontium	88-1	3903205	3905865	3916069	3908380	0.17	cps
Sulfur	34-1	377695	370573	374052	374106	0.95	cps
Terbium	159-1	6234889	6193827	6317585	6248767	1.01	cps
Terbium	159-2	1180314	1180561	1173548	1178141	0.34	cps
Thallium	203-1	1542543	1560115	1562278	1554979	0.70	cps
Thallium	205-1	3707797	3729025	3770089	3735637	0.85	cps
Tin	118-1	1218904	1220632	1225084	1221540	0.26	cps
Titanium	47-1	815174	812373	809080	812209	0.38	cps
Uranium	238-1	5174609	5165896	5161381	5167295	0.13	cps
Vanadium	51-2	102317	99920	99738	100658	1.43	cps
Yttrium	89-1	4544932	4583537	4593578	4574016	0.56	cps
Yttrium	89-2	134309	134078	133333	133907	0.38	cps
Zinc	66-2	46474	46515	46695	46561	0.25	cps
Zirconium	90-1	2423252	2433531	2451547	2436110	0.59	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:51:06	DataFile Name :	008CALS_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	531637	531400	529933	530990	0.17	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:54:26	DataFile Name :	009CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35069	34234	34226	34510	1.40	cps
Antimony	121-1	3563744	3616537	3597247	3592509	0.74	cps
Arsenic	75-2	31530	31308	31113	31317	0.67	cps
Barium	135-1	3797525	3794300	3825049	3805624	0.44	cps
Barium	137-1	6681458	6588889	6693867	6654738	0.86	cps
Beryllium	9-1	337151	333361	330987	333833	0.93	cps
Bismuth	209-1	4283649	4263002	3833073	4126574	6.16	cps
Bismuth	209-2	995856	992414	994261	994177	0.17	cps
Boron	10-1	36431	37199	36080	36570	1.57	cps
Boron	11-1	173943	178075	179560	177193	1.64	cps
Cadmium	111-1	734585	729832	731655	732024	0.33	cps
Cadmium	106-1	75461	76215	75654	75777	0.52	cps
Cadmium	108-1	51845	51578	51791	51738	0.27	cps
Calcium	43-1	616796	615282	618012	616697	0.22	cps
Calcium	44-1	9961346	9849428	9891760	9900844	0.57	cps
Chromium	52-2	243277	243369	240043	242229	0.78	cps
Cobalt	59-2	544826	537536	537167	539843	0.80	cps
Copper	63-2	954866	946607	943687	948386	0.61	cps
Dysprosium	156-1	42	67	75	61	28.38	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	25	42	8	25	66.68	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	17	33	75	42	72.11	cps
Gadolinium	160-2	17	3	17	12	63.01	cps
Holmium	165-1	6181701	6076973	5443012	5900562	6.77	cps
Holmium	165-2	1205282	1195586	1204286	1201718	0.44	cps
Indium	115-1	4478045	4452314	4018598	4316319	5.98	cps
Indium	115-2	172631	169690	170511	170944	0.89	cps
Iron	56-2	8220521	8138927	8140703	8166717	0.57	cps
Iron	57-2	208773	208176	205550	207500	0.83	cps
Lead	206-1	2615191	2596744	2658880	2623605	1.22	cps
Lead	207-1	2428961	2387173	2413664	2409933	0.88	cps
Lead	208-1	10706968	10564726	10725104	10665599	0.82	cps
Lithium	6-1	578616	574539	516094	556416	6.29	cps
Magnesium	24-2	848990	836791	828875	838219	1.21	cps
Manganese	55-2	139788	137832	137084	138235	1.01	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:54:26	DataFile Name :	009CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5572233	5579258	5584622	5578704	0.11	cps
Molybdenum	95-1	6846395	6795123	6816385	6819301	0.38	cps
Molybdenum	96-1	7710252	7697093	7623094	7676813	0.61	cps
Molybdenum	97-1	4315847	4305850	4280585	4300761	0.42	cps
Molybdenum	98-1	11036612	11068394	11012271	11039092	0.25	cps
Neodymium	150-1	127	173	173	158	17.08	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	158867	159634	158627	159043	0.33	cps
Phosphorus	31-2	2309	2309	2400	2339	2.26	cps
Potassium	39-2	229863	227541	224734	227379	1.13	cps
Rhodium	103-1	4021620	4023335	3538174	3861043	7.24	cps
Rhodium	103-2	1002894	989730	991223	994616	0.72	cps
Scandium	45-1	2143774	2132815	1921187	2065925	6.07	cps
Scandium	45-2	16206	15542	15562	15770	2.40	cps
Selenium	77-2	263	183	207	218	18.89	cps
Selenium	78-2	741	744	752	746	0.76	cps
Selenium	82-1	41585	41612	41295	41497	0.42	cps
Silicon	28-1	1355296	1349854	1347854	1351001	0.29	cps
Silver	109-1	3450928	3382297	3415791	3416338	1.00	cps
Silver	107-1	3594167	3540189	3555251	3563202	0.78	cps
Sodium	23-2	1995206	1975425	1987544	1986058	0.50	cps
Strontium	86-1	863400	855544	860818	859920	0.47	cps
Strontium	88-1	7545318	7451416	7483427	7493387	0.64	cps
Sulfur	34-1	432266	426960	424003	427743	0.98	cps
Terbium	159-1	6319823	6318126	5621948	6086632	6.61	cps
Terbium	159-2	1155036	1148256	1146255	1149849	0.40	cps
Thallium	203-1	3220071	3168312	3246889	3211757	1.24	cps
Thallium	205-1	7594427	7491732	7634889	7573683	0.97	cps
Tin	118-1	2453570	2440605	2452681	2448952	0.30	cps
Titanium	47-1	1543717	1536794	1535078	1538530	0.30	cps
Uranium	238-1	10753804	10617756	10865144	10745568	1.15	cps
Vanadium	51-2	183329	181205	180985	181840	0.71	cps
Yttrium	89-1	4498719	4406482	3972139	4292446	6.55	cps
Yttrium	89-2	124484	122509	123402	123465	0.80	cps
Zinc	66-2	84408	85190	83905	84501	0.77	cps
Zirconium	90-1	4689467	4583193	4640979	4637880	1.15	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:54:26	DataFile Name :	009CALS_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1043906	1031345	1034790	1036680	0.63	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:57:42	DataFile Name :	010CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66331	68239	65962	66844	1.83	cps
Antimony	121-1	6980586	6977711	7019305	6992534	0.33	cps
Arsenic	75-2	60210	60600	60552	60454	0.35	cps
Barium	135-1	7438080	7439911	7398763	7425585	0.31	cps
Barium	137-1	13118471	13082645	13086878	13095998	0.15	cps
Beryllium	9-1	632565	630270	627263	630033	0.42	cps
Bismuth	209-1	4184165	4268493	4225964	4226207	1.00	cps
Bismuth	209-2	980704	984094	990306	985035	0.49	cps
Boron	10-1	72308	73120	74050	73159	1.19	cps
Boron	11-1	336376	340821	348936	342044	1.86	cps
Cadmium	111-1	1419484	1421613	1424124	1421740	0.16	cps
Cadmium	106-1	145561	145656	144660	145292	0.38	cps
Cadmium	108-1	101352	102355	101079	101595	0.66	cps
Calcium	43-1	1188226	1182688	1183498	1184804	0.25	cps
Calcium	44-1	19215547	19017705	19173867	19135706	0.55	cps
Chromium	52-2	470637	469677	469532	469949	0.13	cps
Cobalt	59-2	1046638	1044907	1041199	1044248	0.27	cps
Copper	63-2	1859527	1856138	1851945	1855870	0.20	cps
Dysprosium	156-1	142	108	67	106	35.60	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	75	42	33	50	44.10	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	75	108	58	81	31.60	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	6100897	6174188	6162308	6145798	0.64	cps
Holmium	165-2	1189320	1198858	1201679	1196619	0.54	cps
Indium	115-1	4291553	4310751	4374305	4325536	1.00	cps
Indium	115-2	164530	162924	166134	164529	0.98	cps
Iron	56-2	15947207	15939695	15892698	15926533	0.19	cps
Iron	57-2	404518	403407	404634	404187	0.17	cps
Lead	206-1	5147488	5149129	5188703	5161773	0.45	cps
Lead	207-1	4706932	4723654	4774813	4735133	0.75	cps
Lead	208-1	20979279	21085567	21142671	21069172	0.39	cps
Lithium	6-1	546535	557674	556240	553483	1.09	cps
Magnesium	24-2	1643008	1644182	1652522	1646571	0.32	cps
Manganese	55-2	269495	271162	267174	269277	0.74	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:57:42	DataFile Name :	010CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10875348	10775263	10823039	10824550	0.46	cps
Molybdenum	95-1	13274187	13304109	13263566	13280621	0.16	cps
Molybdenum	96-1	14981712	15020307	14826540	14942853	0.69	cps
Molybdenum	97-1	8396338	8299498	8297882	8331239	0.68	cps
Molybdenum	98-1	21647468	21618915	21615378	21627253	0.08	cps
Neodymium	150-1	380	280	307	322	16.07	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	303106	305115	302053	303425	0.51	cps
Phosphorus	31-2	4559	4426	4443	4476	1.62	cps
Potassium	39-2	435661	434444	439352	436485	0.59	cps
Rhodium	103-1	3857813	3881433	3935145	3891464	1.02	cps
Rhodium	103-2	969482	971941	973946	971790	0.23	cps
Scandium	45-1	2026950	2058157	2083988	2056365	1.39	cps
Scandium	45-2	15449	15022	15395	15289	1.52	cps
Selenium	77-2	433	467	357	419	13.46	cps
Selenium	78-2	1407	1404	1396	1403	0.40	cps
Selenium	82-1	79947	79740	80222	79970	0.30	cps
Silicon	28-1	2198461	2199445	2164626	2187510	0.91	cps
Silver	109-1	6506098	6538223	6526705	6523675	0.25	cps
Silver	107-1	6832024	6803724	6796384	6810711	0.28	cps
Sodium	23-2	3778895	3819416	3760126	3786145	0.80	cps
Strontium	86-1	1695889	1678452	1705106	1693149	0.80	cps
Strontium	88-1	14625396	14497722	14555482	14559533	0.44	cps
Sulfur	34-1	572267	572370	566597	570411	0.58	cps
Terbium	159-1	6264242	6319931	6352949	6312374	0.71	cps
Terbium	159-2	1134165	1141146	1138962	1138091	0.31	cps
Thallium	203-1	6293068	6258301	6319529	6290299	0.49	cps
Thallium	205-1	14974335	15097827	14905126	14992429	0.65	cps
Tin	118-1	4705778	4716292	4781952	4734674	0.87	cps
Titanium	47-1	2976566	2968984	2967287	2970946	0.17	cps
Uranium	238-1	21409110	21556952	21758652	21574905	0.81	cps
Vanadium	51-2	354660	356071	355122	355284	0.20	cps
Yttrium	89-1	4292320	4316157	4423351	4343943	1.61	cps
Yttrium	89-2	120966	119777	121138	120627	0.61	cps
Zinc	66-2	159158	162677	162778	161538	1.28	cps
Zirconium	90-1	9023859	9107840	8961844	9031181	0.81	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 11:57:42	DataFile Name :	010CALS_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2061700	2069789	2061767	2064419	0.23	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:00:56	DataFile Name :	011CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	371494	361873	370855	368074	1.46	cps
Antimony	121-1	9696	10129	9504	9776	3.28	cps
Arsenic	75-2	26	20	24	23	12.07	cps
Barium	135-1	1909	1834	1734	1825	4.81	cps
Barium	137-1	3734	3567	3092	3465	9.61	cps
Beryllium	9-1	556	500	567	541	6.61	cps
Bismuth	209-1	3915778	3934532	3904185	3918165	0.39	cps
Bismuth	209-2	919993	917778	916003	917925	0.22	cps
Boron	10-1	4568	3984	3951	4167	8.33	cps
Boron	11-1	20724	19706	17745	19392	7.81	cps
Cadmium	111-1	884	850	885	873	2.27	cps
Cadmium	106-1	967	842	917	908	6.93	cps
Cadmium	108-1	25	38	21	28	31.23	cps
Calcium	43-1	6189860	6160269	6176925	6175685	0.24	cps
Calcium	44-1	100743263	101053923	101209456	101002214	0.24	cps
Chromium	52-2	4814	4611	4651	4692	2.30	cps
Cobalt	59-2	1163	1153	1237	1185	3.84	cps
Copper	63-2	2087	2070	2040	2066	1.14	cps
Dysprosium	156-1	33	58	42	44	28.65	cps
Dysprosium	156-2	13	0	23	12	95.78	cps
Erbium	164-1	8	58	33	33	75.02	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	25	67	50	47	44.41	cps
Gadolinium	160-2	10	23	7	13	66.12	cps
Holmium	165-1	5993504	6024264	6038405	6018725	0.38	cps
Holmium	165-2	1167144	1176319	1170846	1171436	0.39	cps
Indium	115-1	4320408	4239514	4292720	4284214	0.96	cps
Indium	115-2	168555	169508	168465	168843	0.34	cps
Iron	56-2	82389680	82050074	82321307	82253687	0.22	cps
Iron	57-2	2125601	2110900	2136739	2124413	0.61	cps
Lead	206-1	8759	8737	8898	8798	0.99	cps
Lead	207-1	7113	7869	7280	7421	5.35	cps
Lead	208-1	33746	34163	34163	34024	0.71	cps
Lithium	6-1	540003	545114	542214	542444	0.47	cps
Magnesium	24-2	8672143	8586762	8687697	8648867	0.63	cps
Manganese	55-2	670	740	690	700	5.15	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:00:56	DataFile Name :	011CAL5_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4293	4459	3801	4184	8.18	cps
Molybdenum	95-1	6327	6368	5735	6143	5.77	cps
Molybdenum	96-1	7861	7769	8228	7953	3.05	cps
Molybdenum	97-1	4259	3784	3917	3987	6.15	cps
Molybdenum	98-1	9771	9345	8920	9345	4.55	cps
Neodymium	150-1	87	120	173	127	34.51	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	2447	2384	2450	2427	1.55	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2343798	2354289	2374571	2357552	0.66	cps
Rhodium	103-1	3742551	3723087	3731504	3732381	0.26	cps
Rhodium	103-2	939466	939460	931481	936802	0.49	cps
Scandium	45-1	2134382	2108192	2120529	2121034	0.62	cps
Scandium	45-2	16033	15792	15822	15882	0.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	3	167	16	62	146.53	cps
Silicon	28-1	528368	542161	549460	539997	1.98	cps
Silver	109-1	600	608	533	581	7.08	cps
Silver	107-1	550	608	433	531	16.80	cps
Sodium	23-2	20099238	19853180	20139588	20030669	0.77	cps
Strontium	86-1	57681	58300	57471	57818	0.75	cps
Strontium	88-1	497653	494936	493489	495359	0.43	cps
Sulfur	34-1	255070	258593	262326	258663	1.40	cps
Terbium	159-1	6137457	6099076	6144019	6126851	0.40	cps
Terbium	159-2	1120436	1122045	1112070	1118184	0.48	cps
Thallium	203-1	3059	2725	2700	2828	7.07	cps
Thallium	205-1	6794	5677	5727	6066	10.40	cps
Tin	118-1	4985	5101	4868	4985	2.34	cps
Titanium	47-1	508	525	642	558	13.01	cps
Uranium	238-1	1192	1433	1425	1350	10.16	cps
Vanadium	51-2	70	67	80	72	9.61	cps
Yttrium	89-1	4363782	4389782	4342968	4365511	0.54	cps
Yttrium	89-2	125403	123603	122635	123880	1.13	cps
Zinc	66-2	473	573	433	493	14.62	cps
Zirconium	90-1	1642	1717	1867	1742	6.58	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:00:56	DataFile Name :	011CALS_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	408	325	375	11.76	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:16:08	DataFile Name :	012ICV_P8012318 MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1992	2034	1875	1967	4.17	cps
Antimony	121-1	1339469	1337885	1347233	1341529	0.37	cps
Arsenic	75-2	13064	13201	12895	13053	1.17	cps
Barium	135-1	144666	145996	147875	146179	1.10	cps
Barium	137-1	255611	256036	258125	256590	0.52	cps
Beryllium	9-1	65499	67424	66269	66397	1.46	cps
Bismuth	209-1	4186728	4200132	4230550	4205803	0.53	cps
Bismuth	209-2	1010039	1000186	998574	1002933	0.62	cps
Boron	10-1	32287	34434	33557	33426	3.23	cps
Boron	11-1	154776	160277	163050	159368	2.64	cps
Cadmium	111-1	145516	145374	144900	145263	0.22	cps
Cadmium	106-1	22461	23463	23388	23104	2.42	cps
Cadmium	108-1	12756	13474	13390	13207	2.97	cps
Calcium	43-1	27069	27135	26159	26788	2.04	cps
Calcium	44-1	431592	432624	425178	429798	0.94	cps
Chromium	52-2	50186	50926	50621	50578	0.73	cps
Cobalt	59-2	116065	116784	114461	115770	1.03	cps
Copper	63-2	100675	99503	101689	100622	1.09	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	67	75	108	83	26.46	cps
Erbium	164-2	3	7	27	12	103.26	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	17	3	7	9	78.08	cps
Holmium	165-1	5882825	5896332	5936832	5905330	0.48	cps
Holmium	165-2	1194999	1189373	1190146	1191506	0.26	cps
Indium	115-1	4454659	4415405	4425402	4431822	0.46	cps
Indium	115-2	180602	180748	179968	180439	0.23	cps
Iron	56-2	351159	349524	347921	349534	0.46	cps
Iron	57-2	8875	8881	8892	8883	0.10	cps
Lead	206-1	988195	996796	995160	993384	0.46	cps
Lead	207-1	858863	870333	870306	866501	0.76	cps
Lead	208-1	4017716	4037843	4050098	4035219	0.41	cps
Lithium	6-1	572933	575575	573824	574110	0.23	cps
Magnesium	24-2	22251	22652	21425	22110	2.83	cps
Manganese	55-2	14785	14581	14895	14754	1.08	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:16:08	DataFile Name :	012ICV_P8012318 MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2391961	2352567	2337736	2360755	1.19	cps
Molybdenum	95-1	1251699	1245316	1248471	1248495	0.26	cps
Molybdenum	96-1	1640311	1642090	1662335	1648245	0.74	cps
Molybdenum	97-1	779051	790124	781516	783564	0.74	cps
Molybdenum	98-1	2048643	2062724	2065289	2058886	0.44	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	34787	34282	34239	34436	0.88	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	20858	21751	21826	21478	2.51	cps
Rhodium	103-1	4078782	4068166	4078425	4075124	0.15	cps
Rhodium	103-2	1057591	1051308	1047249	1052049	0.50	cps
Scandium	45-1	2161377	2208132	2176026	2181845	1.10	cps
Scandium	45-2	16897	17564	17077	17180	2.01	cps
Selenium	77-2	97	70	110	92	22.08	cps
Selenium	78-2	343	291	304	312	8.64	cps
Selenium	82-1	16437	16421	16475	16444	0.17	cps
Silicon	28-1	1258326	1253674	1229354	1247118	1.25	cps
Silver	109-1	655687	650485	655732	653968	0.46	cps
Silver	107-1	685044	683818	693251	687371	0.75	cps
Sodium	23-2	88147	89733	88239	88706	1.00	cps
Strontium	86-1	786328	797554	794148	792676	0.73	cps
Strontium	88-1	6809093	6880278	6883599	6857657	0.61	cps
Sulfur	34-1	273216	268294	266288	269266	1.32	cps
Terbium	159-1	6070523	6053657	6071042	6065074	0.16	cps
Terbium	159-2	1143774	1141765	1141606	1142382	0.11	cps
Thallium	203-1	1226279	1226608	1236474	1229787	0.47	cps
Thallium	205-1	3006662	3002769	3008713	3006048	0.10	cps
Tin	118-1	2249714	2224654	2232683	2235684	0.57	cps
Titanium	47-1	292504	293636	291418	292519	0.38	cps
Uranium	238-1	9664794	9705155	9739285	9703078	0.38	cps
Vanadium	51-2	38563	38048	38486	38366	0.72	cps
Yttrium	89-1	4465931	4476943	4467342	4470072	0.13	cps
Yttrium	89-2	130349	131600	130779	130909	0.49	cps
Zinc	66-2	17798	17778	17721	17766	0.22	cps
Zirconium	90-1	4452439	4447054	4416484	4438659	0.44	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:16:08	DataFile Name :	012ICV_P8012318 MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	984975	978630	986415	983340	0.42	cps

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-23 12:26:04 DataFile Name : 013CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	850	692	692	745	12.28	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	33	67	33	44	43.31	cps
Barium	137-1	50	17	58	42	52.91	cps
Beryllium	9-1	178	200	194	191	6.06	cps
Bismuth	209-1	4226105	4276276	4308505	4270296	0.97	cps
Bismuth	209-2	1031518	929921	1028374	996604	5.80	cps
Boron	10-1	900	750	850	833	9.17	cps
Boron	11-1	4159	4026	3717	3967	5.71	cps
Cadmium	111-1	629	538	671	613	11.08	cps
Cadmium	106-1	867	742	933	847	11.49	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	625	633	608	622	2.05	cps
Calcium	44-1	12531	13023	12648	12734	2.02	cps
Chromium	52-2	197	170	203	190	9.28	cps
Cobalt	59-2	63	83	43	63	31.59	cps
Copper	63-2	130	110	77	106	25.52	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	0	25	14	91.65	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	5962100	6031035	6090862	6027999	1.07	cps
Holmium	165-2	1230508	1102395	1212065	1181656	5.86	cps
Indium	115-1	4552212	4568806	4615976	4578998	0.72	cps
Indium	115-2	191577	171490	188556	183874	5.89	cps
Iron	56-2	1945	1834	1806	1861	3.95	cps
Iron	57-2	56	28	61	48	37.09	cps
Lead	206-1	511	489	444	482	7.05	cps
Lead	207-1	411	339	444	398	13.55	cps
Lead	208-1	1850	1872	1845	1856	0.79	cps
Lithium	6-1	583372	588435	588222	586676	0.49	cps
Magnesium	24-2	483	442	492	472	5.67	cps
Manganese	55-2	23	10	13	16	44.60	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:26:04	DataFile Name :	013CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	192	217	200	7.22	cps
Molybdenum	95-1	100	50	83	78	32.74	cps
Molybdenum	96-1	167	167	217	183	15.75	cps
Molybdenum	97-1	58	125	117	100	36.32	cps
Molybdenum	98-1	133	217	192	181	23.68	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	697	603	573	624	10.30	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2084	1967	2250	2100	6.78	cps
Rhodium	103-1	4169213	4166383	4237171	4190922	0.96	cps
Rhodium	103-2	1089098	974704	1076653	1046818	6.00	cps
Scandium	45-1	2241129	2250538	2248347	2246671	0.22	cps
Scandium	45-2	17862	16126	17865	17284	5.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	17	13	-72	-14	-363.32	cps
Silicon	28-1	292853	290713	290097	291221	0.50	cps
Silver	109-1	117	67	100	94	26.96	cps
Silver	107-1	133	92	158	128	26.36	cps
Sodium	23-2	5701	5827	6010	5846	2.65	cps
Strontium	86-1	467	392	492	450	11.57	cps
Strontium	88-1	108	92	167	122	32.22	cps
Sulfur	34-1	273897	279021	274094	275671	1.05	cps
Terbium	159-1	6148236	6292081	6346322	6262213	1.63	cps
Terbium	159-2	1184259	1060248	1175794	1140100	6.08	cps
Thallium	203-1	500	525	542	522	4.02	cps
Thallium	205-1	983	1067	1125	1058	6.73	cps
Tin	118-1	700	617	683	667	6.61	cps
Titanium	47-1	83	67	83	78	12.37	cps
Uranium	238-1	100	83	67	83	20.00	cps
Vanadium	51-2	3	10	7	7	50.03	cps
Yttrium	89-1	4559399	4573876	4593298	4575524	0.37	cps
Yttrium	89-2	137382	122266	133586	131078	6.00	cps
Zinc	66-2	17	33	27	26	32.81	cps
Zirconium	90-1	225	375	392	331	27.77	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:26:04	DataFile Name :	013CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	92	100	78	40.56	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:30:13	DataFile Name :	014ICSA_P8012318 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360645	356651	354857	357384	0.83	cps
Antimony	121-1	8753	8195	8745	8564	3.74	cps
Arsenic	75-2	28	22	33	28	20.00	cps
Barium	135-1	2192	2434	2417	2348	5.75	cps
Barium	137-1	3992	4259	4276	4176	3.81	cps
Beryllium	9-1	250	306	350	302	16.60	cps
Bismuth	209-1	4143494	4220109	4116674	4160092	1.29	cps
Bismuth	209-2	986312	979406	984801	983506	0.37	cps
Boron	10-1	792	683	675	717	9.08	cps
Boron	11-1	4093	3709	3592	3798	6.89	cps
Cadmium	111-1	863	1151	1060	1024	14.39	cps
Cadmium	106-1	708	900	958	856	15.29	cps
Cadmium	108-1	833	833	713	793	8.80	cps
Calcium	43-1	1290358	1294341	1285123	1289941	0.36	cps
Calcium	44-1	20775816	20698027	20682860	20718901	0.24	cps
Chromium	52-2	10754	10808	10431	10664	1.91	cps
Cobalt	59-2	1550	1230	1333	1371	11.91	cps
Copper	63-2	8093	7776	7846	7905	2.11	cps
Dysprosium	156-1	42	8	50	33	66.15	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	17	0	7	8	107.84	cps
Gadolinium	160-1	58	58	25	47	40.76	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	6099477	6220913	6178523	6166304	1.00	cps
Holmium	165-2	1230996	1222591	1224118	1225902	0.37	cps
Indium	115-1	4488967	4565114	4538920	4531000	0.85	cps
Indium	115-2	182900	181564	182280	182248	0.37	cps
Iron	56-2	35634958	35453252	35128218	35405476	0.73	cps
Iron	57-2	897832	898254	898788	898291	0.05	cps
Lead	206-1	24830	25020	24736	24862	0.58	cps
Lead	207-1	19499	19004	19822	19441	2.12	cps
Lead	208-1	94819	92862	93502	93728	1.06	cps
Lithium	6-1	534748	536959	538860	536856	0.38	cps
Magnesium	24-2	1846138	1822505	1856415	1841686	0.94	cps
Manganese	55-2	1263	1143	1270	1226	5.82	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:30:13	DataFile Name :	014ICSA_P8012318 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3177390	3122854	3179999	3160081	1.02	cps
Molybdenum	95-1	5399237	5473115	5458512	5443621	0.72	cps
Molybdenum	96-1	5894619	5891716	5981500	5922612	0.86	cps
Molybdenum	97-1	3473070	3472312	3450899	3465427	0.36	cps
Molybdenum	98-1	8789378	8831850	8928180	8849803	0.80	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2120	2274	2187	2194	3.51	cps
Phosphorus	31-2	26275	25349	24839	25488	2.86	cps
Potassium	39-2	1012649	993243	997585	1001159	1.02	cps
Rhodium	103-1	3949349	4061612	4076131	4029030	1.72	cps
Rhodium	103-2	1033781	1033854	1036766	1034800	0.16	cps
Scandium	45-1	2187541	2225872	2217679	2210364	0.91	cps
Scandium	45-2	17494	17214	17124	17278	1.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	27	-53	9	-6	-722.46	cps
Silicon	28-1	359258	359641	357769	358889	0.28	cps
Silver	109-1	517	558	467	514	8.93	cps
Silver	107-1	558	658	550	589	10.24	cps
Sodium	23-2	4224895	4201990	4209548	4212144	0.28	cps
Strontium	86-1	59430	61271	60895	60532	1.61	cps
Strontium	88-1	520044	525197	528035	524425	0.77	cps
Sulfur	34-1	1877914	1892291	1853261	1874488	1.05	cps
Terbium	159-1	6240057	6392681	6355544	6329427	1.26	cps
Terbium	159-2	1168275	1167378	1171497	1169050	0.19	cps
Thallium	203-1	867	1075	1258	1067	18.37	cps
Thallium	205-1	2509	2300	2475	2428	4.61	cps
Tin	118-1	1208	1458	1450	1372	10.35	cps
Titanium	47-1	1309091	1295208	1298949	1301083	0.55	cps
Uranium	238-1	333	367	433	378	13.48	cps
Vanadium	51-2	57	60	70	62	11.15	cps
Yttrium	89-1	4541678	4571102	4587631	4566804	0.51	cps
Yttrium	89-2	131972	133251	132462	132562	0.49	cps
Zinc	66-2	1130	970	1080	1060	7.72	cps
Zirconium	90-1	617	667	408	564	24.30	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:30:13	DataFile Name :	014ICSA_P8012318 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	150	200	169	15.81	cps

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-01-23 12:33:21 DataFile Name : 015ICSB_P8012318 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356807	351629	351808	353415	0.83	cps
Antimony	121-1	152680	150775	152370	151942	0.67	cps
Arsenic	75-2	1280	1367	1339	1328	3.35	cps
Barium	135-1	34630	33869	33051	33850	2.33	cps
Barium	137-1	59301	59844	60129	59758	0.70	cps
Beryllium	9-1	13362	13462	13167	13331	1.12	cps
Bismuth	209-1	4166293	4239204	4149350	4184949	1.14	cps
Bismuth	209-2	982493	980426	941208	968042	2.40	cps
Boron	10-1	4943	5193	5276	5137	3.38	cps
Boron	11-1	23787	23687	24004	23826	0.68	cps
Cadmium	111-1	31151	31002	30532	30895	1.05	cps
Cadmium	106-1	4593	4851	5110	4851	5.33	cps
Cadmium	108-1	3121	3050	3067	3080	1.20	cps
Calcium	43-1	1299207	1295463	1296411	1297027	0.15	cps
Calcium	44-1	20880598	20866946	20698045	20815196	0.49	cps
Chromium	52-2	20435	20519	21180	20711	1.97	cps
Cobalt	59-2	25303	24685	24358	24782	1.94	cps
Copper	63-2	28159	27885	28068	28037	0.50	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	92	50	8	50	83.34	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	67	75	50	64	19.92	cps
Gadolinium	160-2	23	13	7	14	58.06	cps
Holmium	165-1	6158006	6242708	6225269	6208661	0.72	cps
Holmium	165-2	1222661	1215749	1169709	1202706	2.39	cps
Indium	115-1	4560982	4637775	4574924	4591227	0.89	cps
Indium	115-2	181594	180376	173190	178387	2.55	cps
Iron	56-2	35076575	35029013	34931136	35012242	0.21	cps
Iron	57-2	888288	885533	886256	886692	0.16	cps
Lead	206-1	129205	131029	128936	129723	0.88	cps
Lead	207-1	109065	108589	106852	108169	1.08	cps
Lead	208-1	501676	505289	500139	502368	0.53	cps
Lithium	6-1	534247	541184	537366	537599	0.65	cps
Magnesium	24-2	1836074	1821434	1804432	1820647	0.87	cps
Manganese	55-2	3984	4227	4204	4138	3.25	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:33:21	DataFile Name :	015ICSB_P8012318 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3430065	3456210	3482853	3456376	0.76	cps
Molybdenum	95-1	5689767	5707381	5672084	5689744	0.31	cps
Molybdenum	96-1	6143915	6215189	6216468	6191857	0.67	cps
Molybdenum	97-1	3573299	3612254	3563981	3583178	0.71	cps
Molybdenum	98-1	9173019	9124278	9140094	9145797	0.27	cps
Neodymium	150-1	33	20	40	31	32.73	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	9053	8703	9073	8943	2.33	cps
Phosphorus	31-2	24530	25457	24514	24834	2.17	cps
Potassium	39-2	989483	981012	984538	985011	0.43	cps
Rhodium	103-1	4014381	4101256	4072585	4062741	1.09	cps
Rhodium	103-2	1026230	1028883	979221	1011445	2.76	cps
Scandium	45-1	2195238	2264443	2217165	2225615	1.59	cps
Scandium	45-2	16784	16797	16123	16568	2.33	cps
Selenium	77-2	10	20	10	13	43.30	cps
Selenium	78-2	30	28	24	27	10.42	cps
Selenium	82-1	1689	1770	1687	1715	2.75	cps
Silicon	28-1	497225	494054	497187	496155	0.37	cps
Silver	109-1	130099	130981	131631	130904	0.59	cps
Silver	107-1	138043	136787	138303	137711	0.59	cps
Sodium	23-2	4178772	4169042	4195540	4181118	0.32	cps
Strontium	86-1	160998	160718	159916	160544	0.35	cps
Strontium	88-1	1401012	1398054	1399050	1399372	0.11	cps
Sulfur	34-1	1872833	1858641	1856093	1862522	0.48	cps
Terbium	159-1	6341608	6435321	6430272	6402401	0.82	cps
Terbium	159-2	1166742	1162965	1121017	1150241	2.21	cps
Thallium	203-1	128368	128863	130355	129196	0.80	cps
Thallium	205-1	306056	310094	308251	308134	0.66	cps
Tin	118-1	274175	273747	271680	273201	0.49	cps
Titanium	47-1	1320465	1314559	1319746	1318256	0.24	cps
Uranium	238-1	1186193	1163899	1177042	1175711	0.95	cps
Vanadium	51-2	7682	7422	7662	7589	1.91	cps
Yttrium	89-1	4595861	4640483	4651575	4629306	0.64	cps
Yttrium	89-2	130432	131051	125041	128841	2.57	cps
Zinc	66-2	2937	3010	2834	2927	3.03	cps
Zirconium	90-1	561411	557074	559634	559373	0.39	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:33:21	DataFile Name :	015ICSB_P8012318 MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	123950	124952	125617	124840	0.67	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:42:02	DataFile Name :	017CCV_P8012318 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190706	188064	190073	189614	0.73	cps
Antimony	121-1	3554205	3511760	3528240	3531402	0.61	cps
Arsenic	75-2	32845	32380	32754	32660	0.75	cps
Barium	135-1	3759144	3822345	3812500	3797997	0.90	cps
Barium	137-1	6594800	6603756	6602773	6600443	0.07	cps
Beryllium	9-1	331160	330678	332581	331473	0.30	cps
Bismuth	209-1	4121060	4081353	4013980	4072131	1.33	cps
Bismuth	209-2	972583	965828	969266	969226	0.35	cps
Boron	10-1	37667	37182	39422	38090	3.09	cps
Boron	11-1	178709	179915	183611	180745	1.41	cps
Cadmium	111-1	702665	698100	699888	700218	0.33	cps
Cadmium	106-1	72504	71598	72545	72216	0.74	cps
Cadmium	108-1	50591	50896	50465	50651	0.44	cps
Calcium	43-1	3117362	3128975	3108657	3118331	0.33	cps
Calcium	44-1	50267390	50714589	50417182	50466387	0.45	cps
Chromium	52-2	258992	259474	260425	259630	0.28	cps
Cobalt	59-2	561361	560160	562559	561360	0.21	cps
Copper	63-2	959278	955622	956048	956983	0.21	cps
Dysprosium	156-1	58	75	83	72	17.62	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	6156215	6143363	6051050	6116876	0.94	cps
Holmium	165-2	1226555	1228217	1216656	1223809	0.51	cps
Indium	115-1	4441779	4426828	4411079	4426562	0.35	cps
Indium	115-2	177607	176638	176826	177024	0.29	cps
Iron	56-2	42087372	42153872	42098387	42113210	0.08	cps
Iron	57-2	1066352	1064528	1070682	1067187	0.30	cps
Lead	206-1	2515688	2516370	2511807	2514622	0.10	cps
Lead	207-1	2301818	2287428	2282167	2290471	0.44	cps
Lead	208-1	10220183	10267781	10189958	10225974	0.38	cps
Lithium	6-1	556735	559018	554812	556855	0.38	cps
Magnesium	24-2	4450087	4508134	4448433	4468885	0.76	cps
Manganese	55-2	147132	146713	148102	147316	0.48	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:42:02	DataFile Name :	017CCV_P8012318 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5580225	5691253	5598202	5623227	1.06	cps
Molybdenum	95-1	6804028	6864156	6810579	6826254	0.48	cps
Molybdenum	96-1	7702097	7736857	7685549	7708168	0.34	cps
Molybdenum	97-1	4316851	4322397	4287963	4309070	0.43	cps
Molybdenum	98-1	11053054	11087539	11144128	11094907	0.41	cps
Neodymium	150-1	173	280	220	224	23.82	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	162232	161724	162899	162285	0.36	cps
Phosphorus	31-2	2400	2534	2509	2481	2.86	cps
Potassium	39-2	1250448	1228911	1232759	1237373	0.93	cps
Rhodium	103-1	3937828	3965341	3899288	3934152	0.84	cps
Rhodium	103-2	1006423	1009292	997777	1004497	0.60	cps
Scandium	45-1	2187370	2217790	2214922	2206694	0.76	cps
Scandium	45-2	17468	17057	17097	17207	1.32	cps
Selenium	77-2	187	230	237	218	12.47	cps
Selenium	78-2	713	683	741	712	4.03	cps
Selenium	82-1	40987	40817	41091	40965	0.34	cps
Silicon	28-1	1451135	1448204	1462498	1453946	0.52	cps
Silver	109-1	3280860	3274214	3279174	3278083	0.11	cps
Silver	107-1	3394637	3398110	3418382	3403710	0.38	cps
Sodium	23-2	10421927	10366527	10418966	10402473	0.30	cps
Strontium	86-1	885278	889610	884008	886299	0.33	cps
Strontium	88-1	7671912	7738695	7688048	7699552	0.45	cps
Sulfur	34-1	440847	440328	443210	441462	0.35	cps
Terbium	159-1	6326905	6292957	6268123	6295995	0.47	cps
Terbium	159-2	1167068	1166574	1158886	1164176	0.39	cps
Thallium	203-1	3067998	3067226	3058747	3064657	0.17	cps
Thallium	205-1	7201967	7244607	7191064	7212546	0.39	cps
Tin	118-1	2396292	2397573	2408504	2400789	0.28	cps
Titanium	47-1	1585288	1586406	1576786	1582827	0.33	cps
Uranium	238-1	10447624	10461518	10382422	10430521	0.40	cps
Vanadium	51-2	196365	194749	196136	195750	0.45	cps
Yttrium	89-1	4521535	4601648	4450913	4524699	1.67	cps
Yttrium	89-2	132099	130763	131690	131517	0.52	cps
Zinc	66-2	85770	85780	86410	85987	0.43	cps
Zirconium	90-1	4702040	4735682	4699834	4712519	0.43	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P8
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:42:02	DataFile Name :	017CCV_P8012318 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1029811	1043571	1036408	1036597	0.66	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:45:38	DataFile Name :	018CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	25	19	24.73	cps
Antimony	121-1	3017	3042	3309	3123	5.18	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	50	58	42	50	16.67	cps
Barium	137-1	117	133	133	128	7.53	cps
Beryllium	9-1	378	328	428	378	13.24	cps
Bismuth	209-1	4315736	4241638	4296665	4284679	0.90	cps
Bismuth	209-2	1018573	1014608	1008522	1013901	0.50	cps
Boron	10-1	1792	1609	1500	1634	9.03	cps
Boron	11-1	7902	7394	6852	7383	7.12	cps
Cadmium	111-1	725	569	730	675	13.61	cps
Cadmium	106-1	917	733	967	872	14.08	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	650	592	517	586	11.40	cps
Calcium	44-1	12322	12765	12548	12545	1.76	cps
Chromium	52-2	273	183	207	221	21.12	cps
Cobalt	59-2	100	67	50	72	35.25	cps
Copper	63-2	177	113	120	137	25.46	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	8	25	33	22	57.30	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	6118041	6001639	6108410	6076030	1.06	cps
Holmium	165-2	1213753	1200409	1201125	1205096	0.62	cps
Indium	115-1	4617283	4489072	4654983	4587113	1.90	cps
Indium	115-2	185109	182756	183399	183755	0.66	cps
Iron	56-2	3512	3678	3623	3604	2.35	cps
Iron	57-2	111	61	100	91	28.94	cps
Lead	206-1	661	700	744	702	5.94	cps
Lead	207-1	672	517	656	615	13.89	cps
Lead	208-1	2667	2528	2745	2646	4.15	cps
Lithium	6-1	580186	575332	579598	578372	0.46	cps
Magnesium	24-2	467	400	450	439	7.91	cps
Manganese	55-2	20	10	30	20	50.00	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:45:38	DataFile Name :	018CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	558	525	608	564	7.44	cps
Molybdenum	95-1	600	517	692	603	14.52	cps
Molybdenum	96-1	825	750	825	800	5.41	cps
Molybdenum	97-1	408	525	558	497	15.84	cps
Molybdenum	98-1	1108	1067	1025	1067	3.91	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	713	590	673	659	9.55	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2217	2125	2092	2145	3.02	cps
Rhodium	103-1	4191929	4108758	4200188	4166958	1.21	cps
Rhodium	103-2	1069360	1054434	1052508	1058767	0.87	cps
Scandium	45-1	2241035	2196463	2229631	2222376	1.04	cps
Scandium	45-2	17144	16804	16827	16925	1.12	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-74	42	10	-8	-793.40	cps
Silicon	28-1	282181	286064	283839	284028	0.69	cps
Silver	109-1	200	200	192	197	2.44	cps
Silver	107-1	233	175	183	197	16.00	cps
Sodium	23-2	7352	7227	7452	7344	1.54	cps
Strontium	86-1	417	433	458	436	4.81	cps
Strontium	88-1	133	92	158	128	26.36	cps
Sulfur	34-1	266432	267825	266331	266863	0.31	cps
Terbium	159-1	6311261	6240154	6271096	6274170	0.57	cps
Terbium	159-2	1159442	1154968	1157636	1157349	0.19	cps
Thallium	203-1	1025	1000	967	997	2.93	cps
Thallium	205-1	2767	2175	2242	2395	13.54	cps
Tin	118-1	817	700	833	783	9.27	cps
Titanium	47-1	133	150	83	122	28.39	cps
Uranium	238-1	150	108	125	128	16.41	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-1	4562152	4444486	4504946	4503861	1.31	cps
Yttrium	89-2	131284	128830	130604	130239	0.97	cps
Zinc	66-2	10	17	10	12	31.50	cps
Zirconium	90-1	533	433	442	469	11.82	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P8
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:45:38	DataFile Name :	018CCBE_P8012318 MS

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

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:48:50	DataFile Name :	019SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	75	81	11.95	cps
Antimony	121-1	14442	14600	14325	14456	0.96	cps
Arsenic	75-2	59	74	59	64	13.32	cps
Barium	135-1	14175	13983	14000	14052	0.76	cps
Barium	137-1	24574	24974	24799	24782	0.81	cps
Beryllium	9-1	889	839	861	863	2.90	cps
Bismuth	209-1	4239239	4264930	4273690	4259286	0.42	cps
Bismuth	209-2	949978	989308	997698	978995	2.60	cps
Boron	10-1	2792	2700	2875	2789	3.14	cps
Boron	11-1	12381	12723	13373	12826	3.93	cps
Cadmium	111-1	2184	1955	1716	1952	11.97	cps
Cadmium	106-1	1033	883	833	917	11.36	cps
Cadmium	108-1	117	108	96	107	9.80	cps
Calcium	43-1	6844	6035	6493	6457	6.28	cps
Calcium	44-1	108930	105764	105806	106833	1.70	cps
Chromium	52-2	1250	1417	1203	1290	8.69	cps
Cobalt	59-2	1153	1200	1240	1198	3.62	cps
Copper	63-2	2194	1984	2084	2087	5.03	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	50	25	28	75.51	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	33	25	33	31	15.74	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	6102371	6062963	5979517	6048284	1.04	cps
Holmium	165-2	1132169	1176852	1184702	1164574	2.43	cps
Indium	115-1	4585406	4537236	4549218	4557287	0.55	cps
Indium	115-2	174201	179158	180175	177845	1.80	cps
Iron	56-2	20382	19853	19876	20037	1.49	cps
Iron	57-2	567	456	406	476	17.33	cps
Lead	206-1	5696	5190	5279	5388	5.01	cps
Lead	207-1	5012	4873	4951	4946	1.41	cps
Lead	208-1	22153	21608	22247	22003	1.57	cps
Lithium	6-1	576263	573121	575510	574965	0.29	cps
Magnesium	24-2	8878	9303	9020	9067	2.39	cps
Manganese	55-2	170	153	190	171	10.73	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:48:50	DataFile Name :	019SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10638	10354	11022	10671	3.14	cps
Molybdenum	95-1	13216	13324	12648	13062	2.78	cps
Molybdenum	96-1	15259	14633	14208	14700	3.60	cps
Molybdenum	97-1	8478	8036	8278	8264	2.68	cps
Molybdenum	98-1	20767	20283	20616	20555	1.20	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	837	870	860	856	2.00	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	6760	6835	6302	6632	4.36	cps
Rhodium	103-1	4130442	4117112	4110578	4119377	0.25	cps
Rhodium	103-2	989460	1031199	1037055	1019238	2.55	cps
Scandium	45-1	2202225	2213809	2197824	2204619	0.37	cps
Scandium	45-2	15545	17184	17277	16669	5.84	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	15	7	6	9	52.86	cps
Selenium	82-1	384	427	374	395	7.07	cps
Silicon	28-1	310513	314464	314673	313217	0.75	cps
Silver	109-1	6744	6552	6385	6560	2.73	cps
Silver	107-1	6760	6402	6852	6671	3.57	cps
Sodium	23-2	26718	26292	26609	26539	0.83	cps
Strontium	86-1	2067	2092	1950	2036	3.71	cps
Strontium	88-1	14492	14091	13991	14191	1.87	cps
Sulfur	34-1	268598	268886	272063	269849	0.71	cps
Terbium	159-1	6143057	6240143	6086286	6156496	1.26	cps
Terbium	159-2	1081924	1123820	1129118	1111620	2.33	cps
Thallium	203-1	6669	6902	6719	6763	1.82	cps
Thallium	205-1	15460	15710	16211	15794	2.42	cps
Tin	118-1	22562	23304	22803	22890	1.66	cps
Titanium	47-1	2950	3351	2867	3056	8.46	cps
Uranium	238-1	19324	18690	19308	19107	1.89	cps
Vanadium	51-2	1653	1733	1803	1730	4.34	cps
Yttrium	89-1	4500210	4451704	4482129	4478015	0.55	cps
Yttrium	89-2	122390	128023	127347	125920	2.44	cps
Zinc	66-2	233	237	217	229	4.68	cps
Zirconium	90-1	9912	9229	9103	9415	4.63	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:48:50	DataFile Name :	019SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2084	2400	2225	2236	7.09	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BL	Instrumnet Name :	P8
Client Sample ID :	PB105881BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:52:01	DataFile Name :	020CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	483	558	592	544	10.19	cps
Arsenic	75-2	2	0	4	2	100.00	cps
Barium	135-1	42	42	33	39	12.38	cps
Barium	137-1	25	42	25	31	31.50	cps
Beryllium	9-1	178	156	239	191	22.63	cps
Bismuth	209-1	4247305	3985832	4159367	4130835	3.22	cps
Bismuth	209-2	998796	997429	995627	997284	0.16	cps
Boron	10-1	1083	842	975	967	12.52	cps
Boron	11-1	4743	4751	4134	4543	7.79	cps
Cadmium	111-1	511	568	541	540	5.25	cps
Cadmium	106-1	725	792	733	750	4.84	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	500	475	600	525	12.60	cps
Calcium	44-1	11247	12106	11105	11486	4.71	cps
Chromium	52-2	197	183	170	183	7.27	cps
Cobalt	59-2	70	57	53	60	14.70	cps
Copper	63-2	123	93	110	109	13.80	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	5961139	5586843	5897293	5815092	3.44	cps
Holmium	165-2	1186936	1190383	1181399	1186239	0.38	cps
Indium	115-1	4547954	4243266	4442150	4411124	3.51	cps
Indium	115-2	179348	179654	178988	179330	0.19	cps
Iron	56-2	2556	2517	2495	2523	1.23	cps
Iron	57-2	61	50	89	67	30.05	cps
Lead	206-1	572	539	511	541	5.66	cps
Lead	207-1	378	467	539	461	17.50	cps
Lead	208-1	2122	2139	2289	2183	4.20	cps
Lithium	6-1	576657	539262	571029	562316	3.59	cps
Magnesium	24-2	417	608	417	481	23.03	cps
Manganese	55-2	17	13	7	12	41.65	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BL	Instrumnet Name :	P8
Client Sample ID :	PB105881BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:52:01	DataFile Name :	020CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	142	175	192	169	15.02	cps
Molybdenum	95-1	142	200	142	161	20.91	cps
Molybdenum	96-1	225	183	267	225	18.52	cps
Molybdenum	97-1	75	108	100	94	18.37	cps
Molybdenum	98-1	283	167	192	214	28.72	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	717	710	803	743	7.01	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1942	2117	1934	1997	5.18	cps
Rhodium	103-1	4107948	3868124	3992465	3989512	3.01	cps
Rhodium	103-2	1038705	1030874	1030916	1033498	0.44	cps
Scandium	45-1	2174262	2032326	2118303	2108297	3.39	cps
Scandium	45-2	16570	16326	16366	16421	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	22	1	-6	6	243.16	cps
Silicon	28-1	281027	281282	277889	280066	0.67	cps
Silver	109-1	117	117	67	100	28.87	cps
Silver	107-1	92	150	100	114	27.70	cps
Sodium	23-2	6135	6502	6018	6218	4.06	cps
Strontium	86-1	342	425	425	397	12.11	cps
Strontium	88-1	75	92	117	94	22.21	cps
Sulfur	34-1	271774	270211	267905	269963	0.72	cps
Terbium	159-1	6227299	5775534	6119845	6040893	3.91	cps
Terbium	159-2	1130969	1135822	1130173	1132321	0.27	cps
Thallium	203-1	533	575	625	578	7.94	cps
Thallium	205-1	1475	1342	1650	1489	10.39	cps
Tin	118-1	467	583	433	494	15.93	cps
Titanium	47-1	133	167	83	128	32.82	cps
Uranium	238-1	58	67	8	44	70.99	cps
Vanadium	51-2	7	13	0	7	99.98	cps
Yttrium	89-1	4435455	4215841	4394928	4348742	2.69	cps
Yttrium	89-2	127659	127794	128343	127932	0.28	cps
Zinc	66-2	7	20	17	14	48.02	cps
Zirconium	90-1	425	350	292	356	18.80	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BL	Instrumnet Name :	P8
Client Sample ID :	PB105881BL	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:52:01	DataFile Name :	020CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	67	83	78	12.37	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BS	Instrumnet Name :	P8
Client Sample ID :	PB105881BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:55:12	DataFile Name :	021LCSE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	158	167	156	8.19	cps
Antimony	121-1	26511	27229	26995	26911	1.36	cps
Arsenic	75-2	130	133	139	134	3.48	cps
Barium	135-1	28365	28381	28072	28273	0.61	cps
Barium	137-1	49578	50790	48925	49764	1.90	cps
Beryllium	9-1	1467	1383	1522	1458	4.80	cps
Bismuth	209-1	4198027	4237875	4225047	4220317	0.48	cps
Bismuth	209-2	993687	991843	1003008	996179	0.60	cps
Boron	10-1	3942	4026	4109	4026	2.07	cps
Boron	11-1	18170	18805	19697	18891	4.06	cps
Cadmium	111-1	3317	3481	3448	3415	2.54	cps
Cadmium	106-1	1075	1017	1042	1045	2.80	cps
Cadmium	108-1	200	175	200	192	7.53	cps
Calcium	43-1	12006	11997	11405	11803	2.92	cps
Calcium	44-1	203350	199887	201686	201641	0.86	cps
Chromium	52-2	2244	2327	2344	2305	2.33	cps
Cobalt	59-2	2277	2304	2260	2280	0.96	cps
Copper	63-2	4037	3791	3987	3938	3.31	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	67	39	65.46	cps
Erbium	164-2	17	23	13	18	28.64	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	0	0	10	3	173.21	cps
Holmium	165-1	5948243	5981853	6011292	5980463	0.53	cps
Holmium	165-2	1174496	1173693	1192030	1180073	0.88	cps
Indium	115-1	4481458	4521354	4513932	4505581	0.47	cps
Indium	115-2	179474	179396	179149	179340	0.09	cps
Iron	56-2	157378	157277	157730	157462	0.15	cps
Iron	57-2	4151	3934	3912	3999	3.30	cps
Lead	206-1	10088	10316	10744	10382	3.21	cps
Lead	207-1	9209	9571	9226	9335	2.19	cps
Lead	208-1	41450	41750	41973	41724	0.63	cps
Lithium	6-1	571760	572624	574985	573123	0.29	cps
Magnesium	24-2	17653	17011	18054	17573	2.99	cps
Manganese	55-2	303	353	353	337	8.57	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BS	Instrumnet Name :	P8
Client Sample ID :	PB105881BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:55:12	DataFile Name :	021LCSE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21693	22077	20858	21543	2.89	cps
Molybdenum	95-1	26636	25625	25341	25867	2.63	cps
Molybdenum	96-1	28874	28865	28439	28726	0.86	cps
Molybdenum	97-1	15868	16402	16060	16110	1.68	cps
Molybdenum	98-1	41732	41899	42292	41974	0.69	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1347	1500	1413	1420	5.41	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	11530	11672	11922	11708	1.70	cps
Rhodium	103-1	4120878	4053089	4061622	4078530	0.91	cps
Rhodium	103-2	1028155	1027250	1029658	1028354	0.12	cps
Scandium	45-1	2150581	2158089	2146351	2151674	0.28	cps
Scandium	45-2	15923	15622	16590	16045	3.09	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	24	9	11	15	54.48	cps
Selenium	82-1	817	798	723	780	6.38	cps
Silicon	28-1	345091	345293	346725	345703	0.26	cps
Silver	109-1	13441	13165	12907	13171	2.03	cps
Silver	107-1	13849	13724	13599	13724	0.91	cps
Sodium	23-2	45633	46059	46193	45961	0.64	cps
Strontium	86-1	3617	3684	3601	3634	1.21	cps
Strontium	88-1	28397	29825	27738	28653	3.72	cps
Sulfur	34-1	267378	265966	267224	266856	0.29	cps
Terbium	159-1	6211569	6137716	6173048	6174111	0.60	cps
Terbium	159-2	1123367	1122777	1128556	1124900	0.28	cps
Thallium	203-1	12331	12665	12623	12540	1.45	cps
Thallium	205-1	30087	29460	30663	30070	2.00	cps
Tin	118-1	44834	45211	45093	45046	0.43	cps
Titanium	47-1	6260	6027	6068	6118	2.03	cps
Uranium	238-1	39246	37909	38786	38647	1.76	cps
Vanadium	51-2	3831	3447	3761	3679	5.55	cps
Yttrium	89-1	4411628	4465530	4463448	4446868	0.69	cps
Yttrium	89-2	127260	126882	126219	126787	0.42	cps
Zinc	66-2	327	407	377	370	10.92	cps
Zirconium	90-1	18113	17445	17687	17748	1.90	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	PB105881BS	Instrumnet Name :	P8
Client Sample ID :	PB105881BS	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 12:55:12	DataFile Name :	021LCSE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4218	4192	3834	4081	5.26	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:02:19	DataFile Name :	022SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45432	44905	45181	45173	0.58	cps
Antimony	121-1	1875	1834	1909	1872	2.01	cps
Arsenic	75-2	224	200	198	207	6.97	cps
Barium	135-1	603086	601996	596261	600447	0.61	cps
Barium	137-1	1059498	1060426	1052954	1057626	0.39	cps
Beryllium	9-1	895	1028	1111	1011	10.81	cps
Bismuth	209-1	4522358	4511435	4400123	4477972	1.51	cps
Bismuth	209-2	1044802	1041689	1066482	1050991	1.29	cps
Boron	10-1	775	775	708	753	5.11	cps
Boron	11-1	3651	3776	3584	3670	2.65	cps
Cadmium	111-1	1248	1235	1239	1241	0.50	cps
Cadmium	106-1	967	867	958	931	5.96	cps
Cadmium	108-1	83	96	75	85	12.38	cps
Calcium	43-1	56900	56012	55879	56264	0.99	cps
Calcium	44-1	918238	911370	902457	910688	0.87	cps
Chromium	52-2	13390	13820	13757	13656	1.70	cps
Cobalt	59-2	4978	5081	5171	5077	1.91	cps
Copper	63-2	8319	8309	8750	8459	2.97	cps
Dysprosium	156-1	37605	37004	37814	37474	1.12	cps
Dysprosium	156-2	7255	7359	7432	7349	1.21	cps
Erbium	164-1	28866	29017	28632	28839	0.67	cps
Erbium	164-2	5251	5325	5181	5252	1.37	cps
Gadolinium	160-1	33845	34814	34045	34235	1.49	cps
Gadolinium	160-2	8763	9340	9347	9150	3.66	cps
Holmium	165-1	6429386	6355287	6323097	6369257	0.86	cps
Holmium	165-2	1246664	1243523	1272948	1254378	1.29	cps
Indium	115-1	4826824	4752824	4690107	4756585	1.44	cps
Indium	115-2	185814	185650	189791	187085	1.25	cps
Iron	56-2	2821533	2816723	2852510	2830255	0.69	cps
Iron	57-2	71042	69830	70813	70562	0.91	cps
Lead	206-1	242701	240403	241245	241450	0.48	cps
Lead	207-1	197661	197733	199883	198426	0.64	cps
Lead	208-1	932342	928122	925238	928567	0.38	cps
Lithium	6-1	591440	589260	586178	588959	0.45	cps
Magnesium	24-2	29941	29648	31077	30222	2.50	cps
Manganese	55-2	71545	71445	72775	71922	1.03	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:02:19	DataFile Name :	022SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5844	5368	5726	5646	4.39	cps
Molybdenum	95-1	1467	1467	1584	1506	4.47	cps
Molybdenum	96-1	2259	2392	2250	2300	3.46	cps
Molybdenum	97-1	733	958	925	872	13.92	cps
Molybdenum	98-1	2209	2192	2075	2159	3.37	cps
Neodymium	150-1	60909	62101	60701	61237	1.23	cps
Neodymium	150-2	7612	7792	7466	7623	2.15	cps
Nickel	60-2	3577	3847	3661	3695	3.74	cps
Phosphorus	31-2	183	200	167	183	9.09	cps
Potassium	39-2	8745	9062	8970	8925	1.83	cps
Rhodium	103-1	4357977	4330716	4245683	4311459	1.36	cps
Rhodium	103-2	1087859	1080113	1110470	1092814	1.44	cps
Scandium	45-1	2297208	2271720	2272097	2280342	0.64	cps
Scandium	45-2	17308	17054	17465	17275	1.20	cps
Selenium	77-2	30	40	27	32	21.53	cps
Selenium	78-2	9	19	19	15	34.64	cps
Selenium	82-1	90	86	89	88	2.37	cps
Silicon	28-1	4495430	4436125	4015424	4315660	6.06	cps
Silver	109-1	1325	1475	1759	1520	14.48	cps
Silver	107-1	1417	1600	1542	1520	6.17	cps
Sodium	23-2	10930	10830	11055	10938	1.03	cps
Strontium	86-1	54075	53406	53757	53746	0.62	cps
Strontium	88-1	476918	469106	469142	471722	0.95	cps
Sulfur	34-1	259040	259617	250992	256550	1.88	cps
Terbium	159-1	6622769	6597449	6502601	6574273	0.96	cps
Terbium	159-2	1189633	1191746	1211735	1197705	1.02	cps
Thallium	203-1	2442	2225	2384	2350	4.77	cps
Thallium	205-1	6294	5560	5777	5877	6.41	cps
Tin	118-1	5735	6027	5827	5863	2.55	cps
Titanium	47-1	47374	11775	13748	24299	82.34	cps
Uranium	238-1	42298	42674	42206	42393	0.59	cps
Vanadium	51-2	8523	8726	8649	8633	1.19	cps
Yttrium	89-1	5059548	5019101	5031796	5036815	0.41	cps
Yttrium	89-2	143380	141709	145650	143580	1.38	cps
Zinc	66-2	6135	5968	6158	6087	1.70	cps
Zirconium	90-1	13616	13575	14110	13767	2.16	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:02:19	DataFile Name :	022SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2992	3334	3613	3313	9.38	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:05:29	DataFile Name :	023SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40668	42189	39832	40896	2.92	cps
Antimony	121-1	2067	2484	2142	2231	9.96	cps
Arsenic	75-2	159	193	144	165	14.91	cps
Barium	135-1	629834	635343	620521	628566	1.19	cps
Barium	137-1	1118204	1106144	1095818	1106722	1.01	cps
Beryllium	9-1	950	878	872	900	4.82	cps
Bismuth	209-1	4650602	4538255	4614881	4601246	1.25	cps
Bismuth	209-2	1079258	1070848	1059828	1069978	0.91	cps
Boron	10-1	667	600	742	669	10.59	cps
Boron	11-1	3109	2867	2909	2962	4.36	cps
Cadmium	111-1	1120	1267	1301	1229	7.84	cps
Cadmium	106-1	1008	1108	1192	1103	8.32	cps
Cadmium	108-1	88	54	83	75	24.21	cps
Calcium	43-1	53653	53126	53001	53260	0.65	cps
Calcium	44-1	869497	870369	867004	868957	0.20	cps
Chromium	52-2	19694	20081	19654	19810	1.19	cps
Cobalt	59-2	3781	3761	3627	3723	2.24	cps
Copper	63-2	22138	21674	21066	21626	2.49	cps
Dysprosium	156-1	34848	33460	34037	34115	2.04	cps
Dysprosium	156-2	6932	7029	6882	6948	1.07	cps
Erbium	164-1	27513	27597	26211	27107	2.87	cps
Erbium	164-2	5134	4964	4951	5017	2.04	cps
Gadolinium	160-1	30896	32299	31305	31500	2.29	cps
Gadolinium	160-2	8490	8249	8276	8338	1.58	cps
Holmium	165-1	6599719	6483907	6593931	6559186	0.99	cps
Holmium	165-2	1274826	1270324	1251515	1265555	0.98	cps
Indium	115-1	4917671	4862353	4869159	4883061	0.62	cps
Indium	115-2	192773	191435	186682	190297	1.68	cps
Iron	56-2	2042352	2012985	1987989	2014442	1.35	cps
Iron	57-2	50615	49254	49433	49767	1.49	cps
Lead	206-1	229283	227972	229878	229045	0.43	cps
Lead	207-1	188264	186561	190780	188535	1.13	cps
Lead	208-1	885952	881509	885935	884466	0.29	cps
Lithium	6-1	597733	590740	593686	594053	0.59	cps
Magnesium	24-2	26008	25641	25323	25657	1.34	cps
Manganese	55-2	42862	42458	42251	42524	0.73	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:05:29	DataFile Name :	023SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5618	6788	6446	6284	9.57	cps
Molybdenum	95-1	1650	1734	1684	1689	2.48	cps
Molybdenum	96-1	2784	2892	2851	2842	1.93	cps
Molybdenum	97-1	950	1142	1250	1114	13.64	cps
Molybdenum	98-1	2975	2850	2634	2820	6.13	cps
Neodymium	150-1	55839	56260	54273	55457	1.89	cps
Neodymium	150-2	6735	6678	6772	6728	0.70	cps
Nickel	60-2	2807	2687	2974	2823	5.10	cps
Phosphorus	31-2	117	125	75	106	25.38	cps
Potassium	39-2	9037	8053	8853	8648	6.05	cps
Rhodium	103-1	4478299	4347529	4424830	4416886	1.49	cps
Rhodium	103-2	1122721	1112135	1088816	1107891	1.57	cps
Scandium	45-1	2284794	2303750	2315445	2301329	0.67	cps
Scandium	45-2	17678	16964	16707	17116	2.94	cps
Selenium	77-2	33	27	37	32	15.80	cps
Selenium	78-2	11	13	7	10	26.93	cps
Selenium	82-1	164	120	71	118	39.24	cps
Silicon	28-1	6828835	6015391	6039189	6294472	7.35	cps
Silver	109-1	1550	1684	1600	1611	4.18	cps
Silver	107-1	1567	1517	1500	1528	2.27	cps
Sodium	23-2	11563	11689	11263	11505	1.90	cps
Strontium	86-1	50963	51305	51314	51194	0.39	cps
Strontium	88-1	442664	442926	438958	441516	0.50	cps
Sulfur	34-1	244160	243656	239683	242499	1.01	cps
Terbium	159-1	6806152	6662523	6718537	6729071	1.08	cps
Terbium	159-2	1225373	1215520	1194906	1211933	1.28	cps
Thallium	203-1	2000	1792	2025	1939	6.61	cps
Thallium	205-1	4584	4584	4543	4570	0.53	cps
Tin	118-1	6585	6210	6435	6410	2.95	cps
Titanium	47-1	35507	29862	29219	31529	10.97	cps
Uranium	238-1	44556	43485	44004	44015	1.22	cps
Vanadium	51-2	8169	8213	8583	8321	2.73	cps
Yttrium	89-1	5099134	5046553	5118406	5088031	0.73	cps
Yttrium	89-2	143350	144724	141304	143126	1.20	cps
Zinc	66-2	7332	7185	7262	7260	1.01	cps
Zirconium	90-1	14654	12184	13310	13383	9.24	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:05:29	DataFile Name :	023SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3586	3142	3076	3268	8.49	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:08:40	DataFile Name :	024SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32906	32747	32563	32739	0.52	cps
Antimony	121-1	2192	2017	2209	2139	4.96	cps
Arsenic	75-2	532	530	474	512	6.37	cps
Barium	135-1	783030	789982	806116	793043	1.49	cps
Barium	137-1	1366392	1389256	1413643	1389764	1.70	cps
Beryllium	9-1	1017	978	1050	1015	3.56	cps
Bismuth	209-1	4555457	4584546	4625005	4588336	0.76	cps
Bismuth	209-2	1058161	1084009	1077577	1073249	1.25	cps
Boron	10-1	642	550	650	614	9.04	cps
Boron	11-1	2892	3017	2942	2950	2.13	cps
Cadmium	111-1	1546	1801	1710	1685	7.68	cps
Cadmium	106-1	967	1308	1217	1164	15.19	cps
Cadmium	108-1	63	75	96	78	21.65	cps
Calcium	43-1	68736	69154	71013	69634	1.74	cps
Calcium	44-1	1121253	1150031	1158219	1143167	1.70	cps
Chromium	52-2	9874	9750	9547	9724	1.70	cps
Cobalt	59-2	19160	19213	18926	19100	0.80	cps
Copper	63-2	8913	8589	8293	8598	3.61	cps
Dysprosium	156-1	44000	44811	45882	44898	2.10	cps
Dysprosium	156-2	8616	8406	8823	8615	2.42	cps
Erbium	164-1	33294	34313	34179	33928	1.63	cps
Erbium	164-2	6208	6135	6032	6125	1.45	cps
Gadolinium	160-1	38658	40455	40405	39840	2.57	cps
Gadolinium	160-2	10544	10538	10444	10509	0.53	cps
Holmium	165-1	6489498	6486517	6609372	6528462	1.07	cps
Holmium	165-2	1256588	1284159	1271114	1270620	1.09	cps
Indium	115-1	4781613	4869930	4892338	4847960	1.21	cps
Indium	115-2	186408	192903	188990	189434	1.73	cps
Iron	56-2	5231625	5213166	5217947	5220913	0.18	cps
Iron	57-2	131200	131783	129737	130907	0.81	cps
Lead	206-1	242835	243650	246212	244232	0.72	cps
Lead	207-1	196831	201140	203512	200494	1.69	cps
Lead	208-1	927341	939216	950294	938951	1.22	cps
Lithium	6-1	584236	589330	592874	588813	0.74	cps
Magnesium	24-2	28822	29974	30058	29618	2.33	cps
Manganese	55-2	446691	444679	445063	445478	0.24	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:08:40	DataFile Name :	024SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5035	4551	5043	4876	5.78	cps
Molybdenum	95-1	1967	2325	1809	2034	13.02	cps
Molybdenum	96-1	2634	2884	2817	2778	4.66	cps
Molybdenum	97-1	1208	1133	1392	1245	10.68	cps
Molybdenum	98-1	2859	2834	3226	2973	7.38	cps
Neodymium	150-1	69953	71716	71172	70947	1.27	cps
Neodymium	150-2	8843	8806	9187	8945	2.34	cps
Nickel	60-2	5578	5491	5588	5552	0.96	cps
Phosphorus	31-2	142	83	100	108	27.73	cps
Potassium	39-2	6769	6994	7060	6941	2.20	cps
Rhodium	103-1	4321563	4386763	4396517	4368281	0.93	cps
Rhodium	103-2	1092559	1112915	1110666	1105380	1.01	cps
Scandium	45-1	2294229	2292071	2341378	2309226	1.21	cps
Scandium	45-2	16824	17755	16970	17183	2.91	cps
Selenium	77-2	33	23	37	31	22.31	cps
Selenium	78-2	11	20	22	18	33.25	cps
Selenium	82-1	35	80	21	46	67.91	cps
Silicon	28-1	2950897	2600897	2551776	2701190	8.06	cps
Silver	109-1	1333	1492	1383	1403	5.77	cps
Silver	107-1	1567	1408	1634	1536	7.52	cps
Sodium	23-2	11005	11880	11972	11619	4.60	cps
Strontium	86-1	54685	55798	56351	55611	1.53	cps
Strontium	88-1	475956	479046	491280	482094	1.68	cps
Sulfur	34-1	238142	240276	239921	239446	0.48	cps
Terbium	159-1	6644176	6846122	6782097	6757465	1.53	cps
Terbium	159-2	1197571	1226901	1228521	1217664	1.43	cps
Thallium	203-1	1358	1567	1408	1445	7.53	cps
Thallium	205-1	3567	3342	3809	3573	6.53	cps
Tin	118-1	4343	4676	4409	4476	3.94	cps
Titanium	47-1	8521	9099	63287	26969	116.63	cps
Uranium	238-1	36312	36822	37249	36794	1.27	cps
Vanadium	51-2	13570	13176	12903	13216	2.54	cps
Yttrium	89-1	5069099	5073734	5154027	5098953	0.94	cps
Yttrium	89-2	142393	147045	145929	145122	1.67	cps
Zinc	66-2	9914	9957	9317	9729	3.68	cps
Zirconium	90-1	9746	14314	10380	11480	21.56	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:08:40	DataFile Name :	024SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2167	2150	2217	2178	1.59	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:11:52	DataFile Name :	025SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59057	62154	58639	59950	3.20	cps
Antimony	121-1	2025	2034	2050	2036	0.63	cps
Arsenic	75-2	454	513	533	500	8.27	cps
Barium	135-1	421002	424849	420083	421978	0.60	cps
Barium	137-1	737244	743628	743402	741425	0.49	cps
Beryllium	9-1	528	539	489	519	5.06	cps
Bismuth	209-1	4545533	4573646	4556585	4558588	0.31	cps
Bismuth	209-2	1070670	1079046	1071905	1073873	0.42	cps
Boron	10-1	625	683	575	628	8.64	cps
Boron	11-1	2809	2875	2967	2884	2.76	cps
Cadmium	111-1	1136	1207	1091	1145	5.09	cps
Cadmium	106-1	1100	1083	975	1053	6.45	cps
Cadmium	108-1	79	50	113	81	38.82	cps
Calcium	43-1	70118	70175	69976	70090	0.15	cps
Calcium	44-1	1135489	1141773	1135878	1137713	0.31	cps
Chromium	52-2	9930	9593	10277	9934	3.44	cps
Cobalt	59-2	10004	9837	9914	9918	0.84	cps
Copper	63-2	14348	14571	14174	14364	1.39	cps
Dysprosium	156-1	21877	22954	21785	22206	2.93	cps
Dysprosium	156-2	4714	4778	4681	4724	1.04	cps
Erbium	164-1	17896	17562	17679	17713	0.96	cps
Erbium	164-2	3421	3324	3260	3335	2.42	cps
Gadolinium	160-1	22370	22654	22662	22562	0.74	cps
Gadolinium	160-2	5675	5905	5755	5778	2.02	cps
Holmium	165-1	6468052	6515344	6498288	6493895	0.37	cps
Holmium	165-2	1282167	1281428	1264896	1276164	0.77	cps
Indium	115-1	4812946	4828323	4833007	4824759	0.22	cps
Indium	115-2	191757	190330	188781	190289	0.78	cps
Iron	56-2	4963625	4986943	4968659	4973076	0.25	cps
Iron	57-2	124483	122746	124888	124039	0.92	cps
Lead	206-1	185513	183207	183073	183931	0.75	cps
Lead	207-1	152438	152634	151319	152130	0.47	cps
Lead	208-1	713553	712272	709142	711656	0.32	cps
Lithium	6-1	584438	583781	583752	583990	0.07	cps
Magnesium	24-2	50181	49796	50967	50315	1.19	cps
Manganese	55-2	14835	14448	14454	14579	1.52	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:11:52	DataFile Name :	025SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14659	14759	13924	14447	3.15	cps
Molybdenum	95-1	908	883	925	906	2.31	cps
Molybdenum	96-1	3401	3734	3634	3590	4.77	cps
Molybdenum	97-1	550	567	608	575	5.23	cps
Molybdenum	98-1	1567	1550	1367	1495	7.43	cps
Neodymium	150-1	43472	44911	43580	43988	1.82	cps
Neodymium	150-2	5528	5571	5408	5502	1.54	cps
Nickel	60-2	7029	7095	6942	7022	1.10	cps
Phosphorus	31-2	100	67	67	78	24.75	cps
Potassium	39-2	8186	8236	8278	8233	0.56	cps
Rhodium	103-1	4380114	4377768	4416844	4391575	0.50	cps
Rhodium	103-2	1109296	1115829	1098573	1107899	0.79	cps
Scandium	45-1	2335385	2330907	2317157	2327816	0.41	cps
Scandium	45-2	17718	17021	17231	17323	2.07	cps
Selenium	77-2	17	7	23	16	53.90	cps
Selenium	78-2	11	7	7	9	24.71	cps
Selenium	82-1	-14	-1	-76	-31	-129.75	cps
Silicon	28-1	3001934	2750006	2818581	2856840	4.56	cps
Silver	109-1	608	783	792	728	14.23	cps
Silver	107-1	725	708	758	731	3.48	cps
Sodium	23-2	17361	17002	16635	17000	2.13	cps
Strontium	86-1	59589	61037	59857	60161	1.28	cps
Strontium	88-1	520279	520000	521568	520616	0.16	cps
Sulfur	34-1	275115	272861	268242	272073	1.29	cps
Terbium	159-1	6676578	6624359	6711034	6670657	0.65	cps
Terbium	159-2	1221057	1218909	1218268	1219412	0.12	cps
Thallium	203-1	1458	1600	1775	1611	9.85	cps
Thallium	205-1	3993	3767	3834	3865	2.99	cps
Tin	118-1	6010	6035	6252	6099	2.18	cps
Titanium	47-1	33576	32850	32949	33125	1.19	cps
Uranium	238-1	12624	13792	13208	13208	4.42	cps
Vanadium	51-2	11545	11608	12065	11740	2.42	cps
Yttrium	89-1	4954736	4901204	4925803	4927248	0.54	cps
Yttrium	89-2	139467	139739	138231	139146	0.58	cps
Zinc	66-2	11328	10497	10644	10823	4.10	cps
Zirconium	90-1	40766	37653	38172	38864	4.29	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:11:52	DataFile Name :	025SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8445	8086	8086	8206	2.52	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:15:02	DataFile Name :	026SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58522	57660	58388	58190	0.80	cps
Antimony	121-1	2009	2050	2184	2081	4.39	cps
Arsenic	75-2	1285	1269	1291	1282	0.90	cps
Barium	135-1	403731	403196	402970	403299	0.10	cps
Barium	137-1	704930	709842	701110	705294	0.62	cps
Beryllium	9-1	1861	1978	2117	1985	6.45	cps
Bismuth	209-1	4602630	4579149	4620055	4600611	0.45	cps
Bismuth	209-2	1060368	1063116	1056510	1059998	0.31	cps
Boron	10-1	525	708	575	603	15.72	cps
Boron	11-1	2750	2717	2550	2673	4.01	cps
Cadmium	111-1	1345	1141	1165	1217	9.15	cps
Cadmium	106-1	1142	925	942	1003	12.02	cps
Cadmium	108-1	54	75	75	68	17.67	cps
Calcium	43-1	179316	178504	179146	178989	0.24	cps
Calcium	44-1	2982419	2956897	2935868	2958394	0.79	cps
Chromium	52-2	11261	10751	11011	11008	2.32	cps
Cobalt	59-2	35465	35906	35074	35482	1.17	cps
Copper	63-2	44073	44013	43057	43714	1.30	cps
Dysprosium	156-1	62977	61538	62014	62176	1.18	cps
Dysprosium	156-2	12613	12313	12386	12437	1.26	cps
Erbium	164-1	53427	53444	52139	53003	1.41	cps
Erbium	164-2	10037	9891	9400	9776	3.41	cps
Gadolinium	160-1	58214	59177	57771	58387	1.23	cps
Gadolinium	160-2	15186	15503	14962	15217	1.79	cps
Holmium	165-1	6540000	6568839	6634912	6581250	0.74	cps
Holmium	165-2	1274866	1281113	1265546	1273842	0.61	cps
Indium	115-1	4913825	4856851	4876912	4882529	0.59	cps
Indium	115-2	187346	188498	185368	187070	0.85	cps
Iron	56-2	11821293	11758803	11598299	11726132	0.98	cps
Iron	57-2	298064	297786	294779	296876	0.61	cps
Lead	206-1	209595	206547	205693	207279	0.99	cps
Lead	207-1	169561	167912	167955	168476	0.56	cps
Lead	208-1	801079	794393	789209	794894	0.75	cps
Lithium	6-1	585387	582694	588405	585495	0.49	cps
Magnesium	24-2	216100	217445	213007	215517	1.06	cps
Manganese	55-2	172641	172892	171100	172211	0.56	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:15:02	DataFile Name :	026SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11455	11439	11439	11444	0.08	cps
Molybdenum	95-1	2084	2259	2059	2134	5.11	cps
Molybdenum	96-1	4117	4309	3709	4045	7.58	cps
Molybdenum	97-1	1375	1417	1300	1364	4.34	cps
Molybdenum	98-1	3217	3367	2900	3162	7.54	cps
Neodymium	150-1	83417	83921	83773	83704	0.31	cps
Neodymium	150-2	10571	10568	10551	10563	0.10	cps
Nickel	60-2	17892	17561	17154	17536	2.11	cps
Phosphorus	31-2	150	158	150	153	3.15	cps
Potassium	39-2	20349	19272	20173	19931	2.90	cps
Rhodium	103-1	4384396	4357546	4433194	4391712	0.87	cps
Rhodium	103-2	1101199	1104514	1083151	1096288	1.05	cps
Scandium	45-1	2401550	2352705	2350120	2368125	1.22	cps
Scandium	45-2	17297	17458	17247	17334	0.63	cps
Selenium	77-2	47	40	40	42	9.12	cps
Selenium	78-2	30	22	19	23	24.12	cps
Selenium	82-1	-3	-32	52	6	744.90	cps
Silicon	28-1	2863728	2856233	2849511	2856490	0.25	cps
Silver	109-1	508	600	608	572	9.70	cps
Silver	107-1	758	592	700	683	12.38	cps
Sodium	23-2	39046	39598	38511	39052	1.39	cps
Strontium	86-1	97824	98521	96013	97453	1.33	cps
Strontium	88-1	853444	848817	842442	848234	0.65	cps
Sulfur	34-1	277837	278382	276113	277444	0.43	cps
Terbium	159-1	6762074	6769210	6855452	6795579	0.76	cps
Terbium	159-2	1214654	1217318	1203005	1211659	0.63	cps
Thallium	203-1	2567	2642	2784	2664	4.13	cps
Thallium	205-1	5785	6093	5777	5885	3.07	cps
Tin	118-1	9046	8153	8395	8531	5.41	cps
Titanium	47-1	16419	16569	16361	16449	0.65	cps
Uranium	238-1	20451	20735	20226	20471	1.25	cps
Vanadium	51-2	15909	15729	15719	15786	0.68	cps
Yttrium	89-1	5393795	5392233	5405869	5397299	0.14	cps
Yttrium	89-2	150057	150906	147739	149567	1.10	cps
Zinc	66-2	10104	10267	10331	10234	1.14	cps
Zirconium	90-1	28197	27604	28965	28255	2.42	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:15:02	DataFile Name :	026SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6318	6327	6352	6332	0.27	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:18:13	DataFile Name :	027SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36473	36055	36364	36297	0.60	cps
Antimony	121-1	1967	1734	1634	1778	9.62	cps
Arsenic	75-2	969	924	996	963	3.78	cps
Barium	135-1	395035	398402	398075	397171	0.47	cps
Barium	137-1	699319	696200	704500	700006	0.60	cps
Beryllium	9-1	1289	1117	1167	1191	7.44	cps
Bismuth	209-1	4579102	4419359	4111207	4369889	5.44	cps
Bismuth	209-2	1062165	1063720	1060936	1062274	0.13	cps
Boron	10-1	525	525	592	547	7.03	cps
Boron	11-1	2175	2092	2150	2139	2.00	cps
Cadmium	111-1	1241	1143	1092	1159	6.50	cps
Cadmium	106-1	1067	958	858	961	10.84	cps
Cadmium	108-1	63	75	54	64	16.41	cps
Calcium	43-1	259650	256793	258733	258392	0.56	cps
Calcium	44-1	4240177	4247003	4250988	4246056	0.13	cps
Chromium	52-2	7636	7669	7666	7657	0.24	cps
Cobalt	59-2	15913	16043	15432	15796	2.04	cps
Copper	63-2	31242	31606	31025	31291	0.94	cps
Dysprosium	156-1	40932	40539	40230	40567	0.87	cps
Dysprosium	156-2	8293	8229	7893	8138	2.64	cps
Erbium	164-1	32550	33895	33912	33452	2.34	cps
Erbium	164-2	6122	6045	6052	6073	0.70	cps
Gadolinium	160-1	38592	37948	39059	38533	1.45	cps
Gadolinium	160-2	10214	9917	9894	10008	1.78	cps
Holmium	165-1	6642261	6350625	5781842	6258242	6.99	cps
Holmium	165-2	1258779	1267277	1271755	1265937	0.52	cps
Indium	115-1	4893342	4719778	4289329	4634149	6.71	cps
Indium	115-2	183475	185194	186538	185069	0.83	cps
Iron	56-2	5339834	5251421	5288574	5293276	0.84	cps
Iron	57-2	135160	131800	131313	132758	1.58	cps
Lead	206-1	163685	164219	164118	164007	0.17	cps
Lead	207-1	136133	134668	133001	134601	1.16	cps
Lead	208-1	633556	628590	630131	630759	0.40	cps
Lithium	6-1	588850	574048	521516	561471	6.30	cps
Magnesium	24-2	156088	153293	153107	154163	1.08	cps
Manganese	55-2	71803	70601	71251	71218	0.85	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:18:13	DataFile Name :	027SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8678	9604	9355	9212	5.20	cps
Molybdenum	95-1	442	392	408	414	6.15	cps
Molybdenum	96-1	1992	2009	2050	2017	1.49	cps
Molybdenum	97-1	375	267	242	294	24.07	cps
Molybdenum	98-1	567	575	533	558	3.95	cps
Neodymium	150-1	60794	61458	60667	60973	0.70	cps
Neodymium	150-2	7672	7786	7666	7708	0.88	cps
Nickel	60-2	12219	11622	11895	11912	2.51	cps
Phosphorus	31-2	83	142	167	131	32.75	cps
Potassium	39-2	14058	14083	13490	13877	2.41	cps
Rhodium	103-1	4423757	4253900	3813444	4163700	7.57	cps
Rhodium	103-2	1083571	1081165	1090725	1085154	0.46	cps
Scandium	45-1	2356849	2240153	2021725	2206242	7.71	cps
Scandium	45-2	16727	16907	16483	16706	1.27	cps
Selenium	77-2	33	30	20	28	24.98	cps
Selenium	78-2	20	13	33	22	46.40	cps
Selenium	82-1	95	-7	110	66	95.90	cps
Silicon	28-1	2725442	2748144	2729192	2734259	0.45	cps
Silver	109-1	567	658	592	606	7.83	cps
Silver	107-1	783	767	700	750	5.88	cps
Sodium	23-2	34176	34643	34259	34359	0.73	cps
Strontium	86-1	103483	103247	103708	103479	0.22	cps
Strontium	88-1	908465	902852	905046	905455	0.31	cps
Sulfur	34-1	242325	245860	246558	244914	0.93	cps
Terbium	159-1	6824445	6531424	5985459	6447109	6.60	cps
Terbium	159-2	1201161	1200665	1216363	1206063	0.74	cps
Thallium	203-1	2042	2042	1950	2011	2.63	cps
Thallium	205-1	4659	4401	4643	4568	3.17	cps
Tin	118-1	6735	6844	6810	6797	0.82	cps
Titanium	47-1	15772	17388	15096	16085	7.32	cps
Uranium	238-1	18506	18339	19232	18692	2.54	cps
Vanadium	51-2	10157	9764	10334	10085	2.90	cps
Yttrium	89-1	5184783	5035400	4572143	4930775	6.48	cps
Yttrium	89-2	141113	140625	139835	140524	0.46	cps
Zinc	66-2	6875	6702	6832	6803	1.33	cps
Zirconium	90-1	24657	25818	24799	25091	2.52	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:18:13	DataFile Name :	027SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5610	5501	5093	5401	5.05	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:21:23	DataFile Name :	028SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61635	59726	58814	60058	2.40	cps
Antimony	121-1	3542	3192	3334	3356	5.25	cps
Arsenic	75-2	1789	1730	1719	1746	2.17	cps
Barium	135-1	495094	492521	489858	492491	0.53	cps
Barium	137-1	867907	857040	859871	861606	0.65	cps
Beryllium	9-1	1472	1467	1306	1415	6.69	cps
Bismuth	209-1	4506473	4564769	4544451	4538564	0.65	cps
Bismuth	209-2	1056188	1049520	995771	1033826	3.20	cps
Boron	10-1	558	458	442	486	12.98	cps
Boron	11-1	2109	2317	2400	2275	6.60	cps
Cadmium	111-1	1451	1393	1468	1438	2.72	cps
Cadmium	106-1	1175	1100	1058	1111	5.32	cps
Cadmium	108-1	96	92	104	97	6.55	cps
Calcium	43-1	220073	219311	215929	218437	1.01	cps
Calcium	44-1	3590446	3568728	3542388	3567187	0.67	cps
Chromium	52-2	13460	13183	13123	13255	1.36	cps
Cobalt	59-2	21493	21507	21156	21385	0.93	cps
Copper	63-2	46070	45698	45304	45691	0.84	cps
Dysprosium	156-1	43507	45497	43708	44237	2.48	cps
Dysprosium	156-2	9734	9717	9243	9565	2.91	cps
Erbium	164-1	34973	35825	35383	35394	1.20	cps
Erbium	164-2	6522	6318	6605	6482	2.28	cps
Gadolinium	160-1	44310	45572	45355	45079	1.50	cps
Gadolinium	160-2	11745	12076	11792	11871	1.51	cps
Holmium	165-1	6422180	6523457	6425838	6457158	0.89	cps
Holmium	165-2	1272283	1252029	1192017	1238776	3.37	cps
Indium	115-1	4672695	4801467	4760172	4744778	1.39	cps
Indium	115-2	184698	182735	177014	181482	2.20	cps
Iron	56-2	11877032	11961523	11792609	11877054	0.71	cps
Iron	57-2	299046	299966	297446	298820	0.43	cps
Lead	206-1	378309	380365	375299	377991	0.67	cps
Lead	207-1	312598	312493	311130	312073	0.26	cps
Lead	208-1	1463752	1464151	1455400	1461101	0.34	cps
Lithium	6-1	574034	570991	576753	573926	0.50	cps
Magnesium	24-2	180750	181307	178978	180345	0.67	cps
Manganese	55-2	65255	64170	64595	64673	0.85	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:21:23	DataFile Name :	028SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15551	15309	14900	15254	2.16	cps
Molybdenum	95-1	2134	2417	2142	2231	7.23	cps
Molybdenum	96-1	4993	5251	5026	5090	2.76	cps
Molybdenum	97-1	1300	1433	1367	1367	4.88	cps
Molybdenum	98-1	3692	3467	3767	3642	4.29	cps
Neodymium	150-1	75350	76596	74987	75644	1.12	cps
Neodymium	150-2	9163	9137	9393	9231	1.53	cps
Nickel	60-2	15742	16009	16036	15929	1.02	cps
Phosphorus	31-2	183	142	100	142	29.41	cps
Potassium	39-2	18504	18296	18096	18299	1.12	cps
Rhodium	103-1	4272428	4316260	4329149	4305945	0.69	cps
Rhodium	103-2	1089963	1071785	1029524	1063757	2.92	cps
Scandium	45-1	2257328	2276198	2316866	2283464	1.33	cps
Scandium	45-2	16984	16730	16026	16580	2.99	cps
Selenium	77-2	33	50	50	44	21.66	cps
Selenium	78-2	15	19	13	15	18.34	cps
Selenium	82-1	77	-3	25	33	121.58	cps
Silicon	28-1	2609026	2592128	2599920	2600358	0.33	cps
Silver	109-1	783	767	792	781	1.63	cps
Silver	107-1	900	908	883	897	1.42	cps
Sodium	23-2	36941	36673	36239	36618	0.97	cps
Strontium	86-1	123974	122092	122520	122862	0.80	cps
Strontium	88-1	1068061	1069138	1063329	1066843	0.29	cps
Sulfur	34-1	277302	279978	274060	277113	1.07	cps
Terbium	159-1	6581167	6627667	6657485	6622106	0.58	cps
Terbium	159-2	1207145	1194965	1139544	1180551	3.05	cps
Thallium	203-1	2359	2359	2175	2298	4.61	cps
Thallium	205-1	5476	5418	5643	5513	2.12	cps
Tin	118-1	8737	9079	8987	8934	1.98	cps
Titanium	47-1	23020	23871	23838	23576	2.05	cps
Uranium	238-1	31700	31959	30655	31438	2.19	cps
Vanadium	51-2	18292	18382	18476	18383	0.50	cps
Yttrium	89-1	5068969	5107333	5113540	5096614	0.47	cps
Yttrium	89-2	143221	141719	135312	140084	3.00	cps
Zinc	66-2	11525	11855	11348	11576	2.22	cps
Zirconium	90-1	37620	38656	36583	37620	2.75	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:21:23	DataFile Name :	028SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8311	8353	8536	8400	1.43	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:24:34	DataFile Name :	029SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46377	46577	46845	46600	0.50	cps
Antimony	121-1	2292	2334	2267	2298	1.47	cps
Arsenic	75-2	1476	1532	1398	1469	4.56	cps
Barium	135-1	519671	511633	506607	512637	1.29	cps
Barium	137-1	906278	899597	892663	899513	0.76	cps
Beryllium	9-1	1395	1333	1406	1378	2.82	cps
Bismuth	209-1	4278499	4499242	4527802	4435181	3.08	cps
Bismuth	209-2	1049729	1047049	1050303	1049027	0.17	cps
Boron	10-1	517	525	300	447	28.52	cps
Boron	11-1	1975	2175	1984	2045	5.53	cps
Cadmium	111-1	1313	1364	1440	1372	4.66	cps
Cadmium	106-1	833	1067	1042	981	13.07	cps
Cadmium	108-1	113	100	92	101	10.34	cps
Calcium	43-1	181881	180142	178529	180184	0.93	cps
Calcium	44-1	3028324	2984855	2939750	2984310	1.48	cps
Chromium	52-2	12179	12349	12292	12273	0.71	cps
Cobalt	59-2	20622	20929	20405	20652	1.28	cps
Copper	63-2	59915	59075	59892	59627	0.80	cps
Dysprosium	156-1	42378	41116	40673	41389	2.14	cps
Dysprosium	156-2	8426	8133	8460	8339	2.16	cps
Erbium	164-1	31506	31447	30746	31233	1.35	cps
Erbium	164-2	5858	5765	5521	5715	3.04	cps
Gadolinium	160-1	38408	39962	39319	39230	1.99	cps
Gadolinium	160-2	10027	10354	10331	10238	1.78	cps
Holmium	165-1	6077966	6416065	6389651	6294561	2.99	cps
Holmium	165-2	1251182	1242252	1240219	1244551	0.47	cps
Indium	115-1	4448074	4726788	4778967	4651276	3.82	cps
Indium	115-2	184890	185524	184977	185130	0.19	cps
Iron	56-2	9520004	9476598	9417405	9471336	0.54	cps
Iron	57-2	240949	237834	237065	238616	0.86	cps
Lead	206-1	1136773	1121317	1116022	1124704	0.96	cps
Lead	207-1	943514	935330	934690	937844	0.52	cps
Lead	208-1	4506130	4446732	4430183	4461015	0.90	cps
Lithium	6-1	543397	573911	576141	564483	3.24	cps
Magnesium	24-2	153839	155600	155734	155058	0.68	cps
Manganese	55-2	139498	138057	137232	138262	0.83	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:24:34	DataFile Name :	029SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9804	10471	9921	10065	3.54	cps
Molybdenum	95-1	1992	2109	2425	2175	10.31	cps
Molybdenum	96-1	4101	4051	4026	4059	0.94	cps
Molybdenum	97-1	1292	1425	1659	1458	12.73	cps
Molybdenum	98-1	3876	3576	3634	3695	4.31	cps
Neodymium	150-1	67145	67138	65471	66584	1.45	cps
Neodymium	150-2	8069	8086	8256	8137	1.27	cps
Nickel	60-2	14538	14101	13847	14162	2.47	cps
Phosphorus	31-2	133	108	117	119	10.66	cps
Potassium	39-2	17370	17186	17336	17297	0.57	cps
Rhodium	103-1	4030637	4283065	4250964	4188222	3.28	cps
Rhodium	103-2	1082985	1077762	1073787	1078178	0.43	cps
Scandium	45-1	2138611	2267345	2246968	2217642	3.12	cps
Scandium	45-2	17444	16760	16940	17048	2.08	cps
Selenium	77-2	23	33	33	30	19.25	cps
Selenium	78-2	19	20	11	17	29.40	cps
Selenium	82-1	-4	-32	68	11	487.46	cps
Silicon	28-1	2387433	2382111	2352938	2374161	0.78	cps
Silver	109-1	525	542	667	578	13.40	cps
Silver	107-1	617	667	625	636	4.21	cps
Sodium	23-2	36891	37534	36456	36960	1.47	cps
Strontium	86-1	118955	119303	121335	119865	1.07	cps
Strontium	88-1	1058437	1051865	1044033	1051445	0.69	cps
Sulfur	34-1	263598	265448	263087	264044	0.47	cps
Terbium	159-1	6256782	6561058	6633073	6483638	3.08	cps
Terbium	159-2	1198734	1191797	1194285	1194939	0.29	cps
Thallium	203-1	2142	1959	1884	1995	6.66	cps
Thallium	205-1	4893	4626	4909	4809	3.31	cps
Tin	118-1	10863	10713	10455	10677	1.94	cps
Titanium	47-1	14700	15242	13749	14564	5.19	cps
Uranium	238-1	20960	20868	20768	20865	0.46	cps
Vanadium	51-2	15679	16323	16153	16052	2.08	cps
Yttrium	89-1	4743912	4997997	5021674	4921194	3.13	cps
Yttrium	89-2	140292	140588	140171	140350	0.15	cps
Zinc	66-2	11068	10914	10864	10949	0.97	cps
Zirconium	90-1	23997	24707	23542	24082	2.44	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:24:34	DataFile Name :	029SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5335	5101	5026	5154	3.12	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:27:44	DataFile Name :	030SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14633	13907	14007	14183	2.77	cps
Antimony	121-1	1634	1442	1475	1517	6.75	cps
Arsenic	75-2	89	67	100	85	19.92	cps
Barium	135-1	225580	226080	222263	224641	0.92	cps
Barium	137-1	397664	390778	389566	392669	1.11	cps
Beryllium	9-1	294	283	289	289	1.92	cps
Bismuth	209-1	4073229	4309446	4440464	4274379	4.35	cps
Bismuth	209-2	1025280	1024941	1013914	1021378	0.63	cps
Boron	10-1	525	442	400	456	13.97	cps
Boron	11-1	2200	2067	2150	2139	3.15	cps
Cadmium	111-1	818	726	799	781	6.17	cps
Cadmium	106-1	992	933	942	956	3.30	cps
Cadmium	108-1	50	63	21	44	48.11	cps
Calcium	43-1	221259	218988	216654	218967	1.05	cps
Calcium	44-1	3610544	3577646	3551177	3579789	0.83	cps
Chromium	52-2	4181	4274	4047	4167	2.73	cps
Cobalt	59-2	6842	6578	6642	6687	2.06	cps
Copper	63-2	7502	7482	7626	7537	1.03	cps
Dysprosium	156-1	19674	19474	18839	19329	2.25	cps
Dysprosium	156-2	4031	4041	3927	4000	1.57	cps
Erbium	164-1	15552	15785	15702	15680	0.75	cps
Erbium	164-2	2714	2784	2790	2763	1.54	cps
Gadolinium	160-1	18189	18539	18239	18322	1.03	cps
Gadolinium	160-2	4621	4744	4738	4701	1.48	cps
Holmium	165-1	5870279	6181046	6347687	6133004	3.95	cps
Holmium	165-2	1224939	1230141	1206844	1220642	1.00	cps
Indium	115-1	4292247	4533621	4631564	4485811	3.89	cps
Indium	115-2	178069	180013	176078	178054	1.10	cps
Iron	56-2	2257784	2304732	2234954	2265824	1.57	cps
Iron	57-2	57184	55165	56537	56295	1.83	cps
Lead	206-1	43352	42639	43151	43048	0.85	cps
Lead	207-1	35261	35779	35422	35487	0.75	cps
Lead	208-1	165838	166142	166319	166100	0.15	cps
Lithium	6-1	529608	550743	564523	548291	3.21	cps
Magnesium	24-2	145950	144427	145477	145284	0.54	cps
Manganese	55-2	107291	106676	107217	107062	0.31	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:27:44	DataFile Name :	030SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12289	12256	12915	12487	2.97	cps
Molybdenum	95-1	233	292	158	228	29.35	cps
Molybdenum	96-1	2417	2292	2459	2389	3.63	cps
Molybdenum	97-1	183	225	167	192	15.68	cps
Molybdenum	98-1	417	375	400	397	5.28	cps
Neodymium	150-1	29828	30797	30503	30376	1.64	cps
Neodymium	150-2	3837	3554	3804	3732	4.15	cps
Nickel	60-2	5381	5691	5578	5550	2.83	cps
Phosphorus	31-2	133	158	167	153	11.35	cps
Potassium	39-2	7469	6410	7644	7174	9.31	cps
Rhodium	103-1	3916027	4126192	4248471	4096897	4.10	cps
Rhodium	103-2	1048961	1053855	1029092	1043969	1.26	cps
Scandium	45-1	2043551	2133928	2176702	2118060	3.21	cps
Scandium	45-2	16176	15609	15782	15856	1.83	cps
Selenium	77-2	10	17	10	12	31.50	cps
Selenium	78-2	4	7	9	7	41.70	cps
Selenium	82-1	81	-20	59	40	133.46	cps
Silicon	28-1	2564764	2587981	2632296	2595014	1.32	cps
Silver	109-1	400	425	367	397	7.37	cps
Silver	107-1	408	317	442	389	16.64	cps
Sodium	23-2	14900	13791	13941	14210	4.24	cps
Strontium	86-1	46137	45727	46856	46240	1.24	cps
Strontium	88-1	405109	403908	403500	404172	0.21	cps
Sulfur	34-1	232913	233634	233550	233366	0.17	cps
Terbium	159-1	5984638	6316656	6499638	6266977	4.17	cps
Terbium	159-2	1165318	1178221	1150626	1164722	1.19	cps
Thallium	203-1	733	817	767	772	5.43	cps
Thallium	205-1	1792	1542	1992	1775	12.70	cps
Tin	118-1	3642	3859	3492	3665	5.03	cps
Titanium	47-1	48018	38320	37309	41216	14.35	cps
Uranium	238-1	9554	9104	9429	9362	2.48	cps
Vanadium	51-2	3561	3507	3400	3489	2.34	cps
Yttrium	89-1	4369088	4625946	4753874	4582969	4.28	cps
Yttrium	89-2	130644	131690	126930	129755	1.93	cps
Zinc	66-2	2244	2000	2004	2082	6.70	cps
Zirconium	90-1	34353	38786	34790	35976	6.79	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:27:44	DataFile Name :	030SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7561	7628	7978	7722	2.90	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:30:54	DataFile Name :	031SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63242	61041	58882	61055	3.57	cps
Antimony	121-1	2342	2125	1967	2145	8.78	cps
Arsenic	75-2	878	974	854	902	7.06	cps
Barium	135-1	625777	619655	616026	620486	0.79	cps
Barium	137-1	1102262	1100510	1089622	1097465	0.62	cps
Beryllium	9-1	1283	1361	1283	1309	3.43	cps
Bismuth	209-1	4449212	4516068	4509765	4491682	0.82	cps
Bismuth	209-2	1024177	1014188	1023038	1020467	0.54	cps
Boron	10-1	550	567	550	556	1.73	cps
Boron	11-1	2617	2542	2625	2595	1.77	cps
Cadmium	111-1	2238	2237	2089	2188	3.90	cps
Cadmium	106-1	1250	1217	1033	1167	10.00	cps
Cadmium	108-1	167	117	150	144	17.63	cps
Calcium	43-1	665146	655852	653067	658022	0.96	cps
Calcium	44-1	10699772	10795464	10659573	10718270	0.65	cps
Chromium	52-2	12786	13103	13166	13018	1.57	cps
Cobalt	59-2	17848	18072	18239	18053	1.09	cps
Copper	63-2	41840	40984	40847	41223	1.31	cps
Dysprosium	156-1	57100	56339	56724	56721	0.67	cps
Dysprosium	156-2	11579	11869	11572	11673	1.45	cps
Erbium	164-1	45162	45422	44744	45109	0.76	cps
Erbium	164-2	8283	8126	8129	8179	1.10	cps
Gadolinium	160-1	54238	54523	56004	54922	1.73	cps
Gadolinium	160-2	14211	13744	13941	13965	1.68	cps
Holmium	165-1	6418784	6346279	6328797	6364620	0.75	cps
Holmium	165-2	1217156	1217237	1228667	1221020	0.54	cps
Indium	115-1	4625455	4705755	4629713	4653641	0.97	cps
Indium	115-2	175843	173889	174658	174797	0.56	cps
Iron	56-2	9906917	9740033	9761038	9802663	0.93	cps
Iron	57-2	249433	247405	245667	247501	0.76	cps
Lead	206-1	189554	185570	188139	187754	1.08	cps
Lead	207-1	151655	150143	150437	150745	0.53	cps
Lead	208-1	715310	715198	715186	715231	0.01	cps
Lithium	6-1	567016	564437	566766	566073	0.25	cps
Magnesium	24-2	233291	228870	229166	230442	1.07	cps
Manganese	55-2	132147	127461	129883	129830	1.81	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:30:54	DataFile Name :	031SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21635	22670	21510	21938	2.90	cps
Molybdenum	95-1	1617	1717	1500	1611	6.73	cps
Molybdenum	96-1	5543	5301	5560	5468	2.65	cps
Molybdenum	97-1	1042	942	1067	1017	6.51	cps
Molybdenum	98-1	2567	2734	2492	2598	4.76	cps
Neodymium	150-1	90819	92041	90577	91145	0.86	cps
Neodymium	150-2	11502	11018	11235	11252	2.15	cps
Nickel	60-2	13677	13911	13580	13723	1.24	cps
Phosphorus	31-2	275	175	200	217	24.02	cps
Potassium	39-2	31779	32230	32121	32043	0.73	cps
Rhodium	103-1	4194075	4173433	4113482	4160330	1.01	cps
Rhodium	103-2	1026804	1023278	1022827	1024303	0.21	cps
Scandium	45-1	2212105	2182533	2167610	2187416	1.04	cps
Scandium	45-2	16036	15272	15392	15567	2.64	cps
Selenium	77-2	57	40	43	47	18.90	cps
Selenium	78-2	22	30	31	28	17.64	cps
Selenium	82-1	104	51	68	75	36.31	cps
Silicon	28-1	4688932	4609587	4345225	4547914	3.96	cps
Silver	109-1	825	1092	908	942	14.49	cps
Silver	107-1	983	1000	1367	1117	19.40	cps
Sodium	23-2	26593	27786	26784	27054	2.37	cps
Strontium	86-1	271735	272145	270722	271534	0.27	cps
Strontium	88-1	2397672	2427903	2400363	2408646	0.69	cps
Sulfur	34-1	237375	235803	237066	236748	0.35	cps
Terbium	159-1	6651787	6548214	6579654	6593218	0.81	cps
Terbium	159-2	1160532	1147899	1160755	1156395	0.64	cps
Thallium	203-1	3426	3576	3559	3520	2.34	cps
Thallium	205-1	8362	8520	8895	8592	3.19	cps
Tin	118-1	8495	8503	8395	8464	0.71	cps
Titanium	47-1	33314	30179	36612	33368	9.64	cps
Uranium	238-1	45392	45919	47825	46379	2.76	cps
Vanadium	51-2	17097	17001	16964	17021	0.41	cps
Yttrium	89-1	5113781	5049346	5035790	5066306	0.82	cps
Yttrium	89-2	137992	135554	137861	137136	1.00	cps
Zinc	66-2	8900	9667	9167	9244	4.21	cps
Zirconium	90-1	57491	56586	57785	57287	1.09	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:30:54	DataFile Name :	031SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	13469	12348	12356	12724	5.07	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:34:04	DataFile Name :	032SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54590	56856	55183	55543	2.12	cps
Antimony	121-1	2350	2192	2575	2373	8.12	cps
Arsenic	75-2	989	1069	1167	1075	8.29	cps
Barium	135-1	493536	497656	496904	496032	0.44	cps
Barium	137-1	872073	863780	868172	868008	0.48	cps
Beryllium	9-1	1100	1295	1167	1187	8.32	cps
Bismuth	209-1	4452975	4462322	4497431	4470909	0.52	cps
Bismuth	209-2	1020282	1020392	1019742	1020139	0.03	cps
Boron	10-1	483	592	658	578	15.29	cps
Boron	11-1	2675	2884	2800	2786	3.76	cps
Cadmium	111-1	998	1046	1031	1025	2.40	cps
Cadmium	106-1	1067	1225	1175	1156	7.00	cps
Cadmium	108-1	88	88	54	76	25.19	cps
Calcium	43-1	195534	196846	196069	196150	0.34	cps
Calcium	44-1	3213537	3236589	3248648	3232925	0.55	cps
Chromium	52-2	12736	13076	12939	12917	1.33	cps
Cobalt	59-2	18900	19267	18880	19015	1.15	cps
Copper	63-2	40509	41459	40339	40769	1.48	cps
Dysprosium	156-1	56816	55887	55737	56147	1.04	cps
Dysprosium	156-2	11572	11372	11378	11441	0.99	cps
Erbium	164-1	43758	44175	44159	44031	0.54	cps
Erbium	164-2	8156	8033	8173	8120	0.94	cps
Gadolinium	160-1	54382	54113	53134	53876	1.22	cps
Gadolinium	160-2	14104	14048	13644	13932	1.80	cps
Holmium	165-1	6328906	6355123	6336397	6340142	0.21	cps
Holmium	165-2	1228317	1219762	1221469	1223183	0.37	cps
Indium	115-1	4605383	4580239	4641744	4609122	0.67	cps
Indium	115-2	177577	176977	177369	177308	0.17	cps
Iron	56-2	8962071	9042971	8947407	8984150	0.57	cps
Iron	57-2	227375	226906	228034	227438	0.25	cps
Lead	206-1	159550	159455	156790	158598	0.99	cps
Lead	207-1	129380	129116	128370	128955	0.41	cps
Lead	208-1	611857	610308	603138	608434	0.76	cps
Lithium	6-1	565514	566899	567542	566652	0.18	cps
Magnesium	24-2	252099	252407	251069	251858	0.28	cps
Manganese	55-2	69428	70929	69224	69860	1.33	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:34:04	DataFile Name :	032SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19490	18697	19849	19345	3.05	cps
Molybdenum	95-1	1959	1975	1800	1911	5.05	cps
Molybdenum	96-1	5060	5051	5251	5121	2.21	cps
Molybdenum	97-1	1083	1258	1067	1136	9.35	cps
Molybdenum	98-1	2317	2617	2884	2606	10.88	cps
Neodymium	150-1	88826	89162	89115	89034	0.20	cps
Neodymium	150-2	11148	11011	10905	11021	1.11	cps
Nickel	60-2	14311	14318	14458	14362	0.58	cps
Phosphorus	31-2	208	225	217	217	3.85	cps
Potassium	39-2	26451	26576	26709	26579	0.49	cps
Rhodium	103-1	4135398	4128033	4181545	4148325	0.70	cps
Rhodium	103-2	1040719	1035465	1045290	1040491	0.47	cps
Scandium	45-1	2176214	2174485	2177413	2176037	0.07	cps
Scandium	45-2	15515	15776	15886	15726	1.21	cps
Selenium	77-2	43	37	47	42	12.06	cps
Selenium	78-2	17	20	13	17	22.23	cps
Selenium	82-1	64	12	-45	10	521.07	cps
Silicon	28-1	2797173	2854093	2828961	2826743	1.01	cps
Silver	109-1	1042	1092	1125	1086	3.86	cps
Silver	107-1	992	1300	1100	1131	13.84	cps
Sodium	23-2	22010	21108	21058	21392	2.50	cps
Strontium	86-1	111670	112620	113077	112456	0.64	cps
Strontium	88-1	960996	959845	971003	963948	0.64	cps
Sulfur	34-1	230712	232301	232811	231942	0.47	cps
Terbium	159-1	6485011	6496979	6558658	6513549	0.61	cps
Terbium	159-2	1169220	1165767	1170782	1168590	0.22	cps
Thallium	203-1	2725	2934	2817	2825	3.70	cps
Thallium	205-1	6927	7152	6894	6991	2.01	cps
Tin	118-1	7586	7603	8078	7755	3.60	cps
Titanium	47-1	44968	42424	45949	44447	4.09	cps
Uranium	238-1	26479	27181	27565	27075	2.03	cps
Vanadium	51-2	14628	14464	14348	14480	0.97	cps
Yttrium	89-1	4987024	4977253	5002552	4988943	0.26	cps
Yttrium	89-2	138173	138685	138207	138355	0.21	cps
Zinc	66-2	9036	9240	9180	9152	1.14	cps
Zirconium	90-1	49156	49332	48186	48891	1.26	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:34:04	DataFile Name :	032SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11422	10813	11013	11083	2.80	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:37:15	DataFile Name :	033SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62774	62731	64498	63334	1.59	cps
Antimony	121-1	2700	2417	2467	2528	5.98	cps
Arsenic	75-2	431	424	461	439	4.46	cps
Barium	135-1	569727	568276	563763	567255	0.55	cps
Barium	137-1	1002683	1002880	1000853	1002139	0.11	cps
Beryllium	9-1	1239	1306	1278	1274	2.63	cps
Bismuth	209-1	4385790	4255430	4425814	4355678	2.05	cps
Bismuth	209-2	1027247	1021115	1028117	1025493	0.37	cps
Boron	10-1	658	683	625	656	4.46	cps
Boron	11-1	3175	3234	2834	3081	7.01	cps
Cadmium	111-1	888	888	1091	956	12.25	cps
Cadmium	106-1	967	900	1300	1056	20.30	cps
Cadmium	108-1	67	54	75	65	16.06	cps
Calcium	43-1	282173	283934	284343	283483	0.41	cps
Calcium	44-1	4682823	4624780	4622844	4643482	0.73	cps
Chromium	52-2	14941	14251	14451	14548	2.44	cps
Cobalt	59-2	23457	23467	23527	23483	0.16	cps
Copper	63-2	34723	35422	34383	34843	1.52	cps
Dysprosium	156-1	56037	57644	57787	57156	1.70	cps
Dysprosium	156-2	11235	11665	11495	11465	1.89	cps
Erbium	164-1	41258	41751	41835	41615	0.75	cps
Erbium	164-2	7499	7442	7559	7500	0.78	cps
Gadolinium	160-1	53845	53854	54264	53988	0.44	cps
Gadolinium	160-2	13804	13988	13914	13902	0.66	cps
Holmium	165-1	6335654	6075007	6364350	6258337	2.55	cps
Holmium	165-2	1230160	1222200	1228421	1226927	0.34	cps
Indium	115-1	4566294	4476886	4615788	4552989	1.55	cps
Indium	115-2	179521	176255	179744	178507	1.09	cps
Iron	56-2	9950821	9926264	9922625	9933237	0.15	cps
Iron	57-2	250744	249122	248987	249618	0.39	cps
Lead	206-1	154917	152668	155120	154235	0.88	cps
Lead	207-1	123769	125997	126031	125266	1.03	cps
Lead	208-1	593009	592754	592172	592645	0.07	cps
Lithium	6-1	565093	554321	567342	562252	1.24	cps
Magnesium	24-2	296585	297554	296548	296896	0.19	cps
Manganese	55-2	83823	82619	84152	83531	0.97	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:37:15	DataFile Name :	033SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17570	18330	18004	17968	2.12	cps
Molybdenum	95-1	683	667	800	717	10.14	cps
Molybdenum	96-1	3726	3709	3909	3781	2.94	cps
Molybdenum	97-1	583	550	475	536	10.35	cps
Molybdenum	98-1	1117	1067	1200	1128	5.97	cps
Neodymium	150-1	96191	94881	93511	94861	1.41	cps
Neodymium	150-2	11235	11859	11796	11630	2.95	cps
Nickel	60-2	17421	16937	16593	16984	2.45	cps
Phosphorus	31-2	233	142	225	200	25.35	cps
Potassium	39-2	30025	29574	30258	29952	1.16	cps
Rhodium	103-1	4116722	4008068	4175190	4099993	2.07	cps
Rhodium	103-2	1052162	1038277	1046716	1045718	0.67	cps
Scandium	45-1	2197216	2109450	2193637	2166768	2.29	cps
Scandium	45-2	16163	16096	15859	16039	0.99	cps
Selenium	77-2	30	57	47	44	30.31	cps
Selenium	78-2	31	17	30	26	31.13	cps
Selenium	82-1	-25	5	-6	-9	-177.56	cps
Silicon	28-1	3188893	3176782	3249128	3204934	1.21	cps
Silver	109-1	908	1067	883	953	10.44	cps
Silver	107-1	925	975	983	961	3.28	cps
Sodium	23-2	24823	25148	25757	25243	1.88	cps
Strontium	86-1	145409	149603	144801	146605	1.78	cps
Strontium	88-1	1289950	1283440	1285705	1286365	0.26	cps
Sulfur	34-1	231464	228848	230381	230231	0.57	cps
Terbium	159-1	6491638	6296482	6504568	6430896	1.81	cps
Terbium	159-2	1172326	1166302	1166973	1168533	0.28	cps
Thallium	203-1	3067	2725	2942	2912	5.94	cps
Thallium	205-1	6385	6735	6802	6641	3.37	cps
Tin	118-1	9195	8820	8787	8934	2.54	cps
Titanium	47-1	39458	39449	38822	39243	0.93	cps
Uranium	238-1	28817	29845	29135	29266	1.80	cps
Vanadium	51-2	15492	15132	14838	15154	2.16	cps
Yttrium	89-1	4980246	4764106	4949160	4897837	2.39	cps
Yttrium	89-2	138830	138527	137147	138168	0.65	cps
Zinc	66-2	9570	10187	9704	9820	3.31	cps
Zirconium	90-1	49257	47601	47710	48189	1.92	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:37:15	DataFile Name :	033SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10988	10505	10563	10685	2.47	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:40:26	DataFile Name :	034SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39531	39723	38721	39325	1.35	cps
Antimony	121-1	2359	2300	2384	2348	1.82	cps
Arsenic	75-2	956	870	894	907	4.84	cps
Barium	135-1	663012	649012	657693	656572	1.08	cps
Barium	137-1	1164211	1145542	1160521	1156758	0.85	cps
Beryllium	9-1	1039	911	850	933	10.33	cps
Bismuth	209-1	4472187	4472363	4445673	4463408	0.34	cps
Bismuth	209-2	1033965	1007185	971804	1004318	3.10	cps
Boron	10-1	550	392	567	503	19.21	cps
Boron	11-1	2284	2409	2309	2334	2.84	cps
Cadmium	111-1	1283	1275	1030	1196	12.01	cps
Cadmium	106-1	1292	1117	875	1095	19.12	cps
Cadmium	108-1	125	75	88	96	27.15	cps
Calcium	43-1	455063	447968	448072	450368	0.90	cps
Calcium	44-1	7425532	7218533	7299454	7314506	1.43	cps
Chromium	52-2	10864	10794	10621	10760	1.17	cps
Cobalt	59-2	14181	14428	14641	14417	1.60	cps
Copper	63-2	23417	23724	23203	23448	1.12	cps
Dysprosium	156-1	40447	40364	39745	40185	0.95	cps
Dysprosium	156-2	8116	8503	8443	8354	2.49	cps
Erbium	164-1	31464	32709	32417	32196	2.02	cps
Erbium	164-2	5725	5961	5865	5850	2.03	cps
Gadolinium	160-1	38291	38558	39954	38934	2.29	cps
Gadolinium	160-2	10184	10034	9941	10053	1.22	cps
Holmium	165-1	6346475	6428273	6253889	6342879	1.38	cps
Holmium	165-2	1228113	1197811	1148368	1191431	3.38	cps
Indium	115-1	4653424	4718651	4530186	4634087	2.07	cps
Indium	115-2	178268	172876	166082	172409	3.54	cps
Iron	56-2	6977341	6979185	6952033	6969520	0.22	cps
Iron	57-2	174719	175777	175018	175171	0.31	cps
Lead	206-1	115134	113430	114382	114315	0.75	cps
Lead	207-1	92932	92636	92529	92699	0.22	cps
Lead	208-1	439571	437515	439048	438712	0.24	cps
Lithium	6-1	566997	568922	561848	565922	0.65	cps
Magnesium	24-2	186498	186701	189860	187687	1.00	cps
Manganese	55-2	123732	124636	122985	123784	0.67	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:40:26	DataFile Name :	034SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	24331	22336	23463	23377	4.28	cps
Molybdenum	95-1	2934	3026	2950	2970	1.65	cps
Molybdenum	96-1	7261	7252	6894	7136	2.94	cps
Molybdenum	97-1	1834	2009	1650	1831	9.79	cps
Molybdenum	98-1	4418	4759	4526	4568	3.82	cps
Neodymium	150-1	65886	65845	65852	65861	0.03	cps
Neodymium	150-2	8136	8269	8306	8237	1.09	cps
Nickel	60-2	10871	10361	10394	10542	2.71	cps
Phosphorus	31-2	133	158	150	147	8.65	cps
Potassium	39-2	18413	18530	17478	18140	3.18	cps
Rhodium	103-1	4219021	4168656	4122425	4170034	1.16	cps
Rhodium	103-2	1042781	1010409	975324	1009505	3.34	cps
Scandium	45-1	2180127	2174588	2133979	2162898	1.16	cps
Scandium	45-2	15792	14958	14761	15171	3.61	cps
Selenium	77-2	33	57	30	40	36.33	cps
Selenium	78-2	11	35	17	21	60.07	cps
Selenium	82-1	10	43	3	19	114.79	cps
Silicon	28-1	3185571	3051043	2947688	3061434	3.90	cps
Silver	109-1	625	508	408	514	21.10	cps
Silver	107-1	475	533	467	492	7.39	cps
Sodium	23-2	22017	21784	22143	21982	0.83	cps
Strontium	86-1	119402	118216	121118	119579	1.22	cps
Strontium	88-1	1046494	1039702	1044373	1043523	0.33	cps
Sulfur	34-1	234870	234168	235898	234979	0.37	cps
Terbium	159-1	6554841	6572756	6390843	6506147	1.54	cps
Terbium	159-2	1171992	1144127	1100060	1138726	3.19	cps
Thallium	203-1	2225	2084	1959	2089	6.39	cps
Thallium	205-1	5493	5085	5085	5221	4.52	cps
Tin	118-1	7127	6852	6444	6808	5.05	cps
Titanium	47-1	40389	34077	35271	36579	9.17	cps
Uranium	238-1	24441	24817	25227	24828	1.58	cps
Vanadium	51-2	11405	10991	11495	11297	2.38	cps
Yttrium	89-1	4909194	4887278	4832825	4876432	0.81	cps
Yttrium	89-2	134640	130513	124867	130006	3.77	cps
Zinc	66-2	6258	6285	6275	6273	0.21	cps
Zirconium	90-1	58460	59408	57581	58483	1.56	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:40:26	DataFile Name :	034SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12982	13132	13048	13054	0.58	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:43:37	DataFile Name :	035SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46770	46068	46235	46358	0.79	cps
Antimony	121-1	7811	8211	7786	7936	3.01	cps
Arsenic	75-2	1708	1608	1609	1641	3.49	cps
Barium	135-1	840831	845254	834151	840078	0.67	cps
Barium	137-1	1487624	1471918	1457698	1472413	1.02	cps
Beryllium	9-1	1411	1283	1445	1380	6.16	cps
Bismuth	209-1	4677763	4651119	4660537	4663140	0.29	cps
Bismuth	209-2	1063073	1013258	1012350	1029560	2.82	cps
Boron	10-1	525	425	350	433	20.26	cps
Boron	11-1	1875	1909	1675	1820	6.94	cps
Cadmium	111-1	3432	3375	3498	3435	1.80	cps
Cadmium	106-1	1300	1258	1275	1278	1.64	cps
Cadmium	108-1	238	283	213	244	14.69	cps
Calcium	43-1	363694	363746	359711	362384	0.64	cps
Calcium	44-1	5922918	5917512	5813341	5884590	1.05	cps
Chromium	52-2	73371	74376	73780	73842	0.68	cps
Cobalt	59-2	33350	33023	33367	33246	0.58	cps
Copper	63-2	53998	52592	53449	53346	1.33	cps
Dysprosium	156-1	50064	49696	49486	49749	0.59	cps
Dysprosium	156-2	8470	8906	8740	8705	2.53	cps
Erbium	164-1	36193	33954	35007	35051	3.20	cps
Erbium	164-2	6325	6338	6325	6329	0.12	cps
Gadolinium	160-1	40781	40731	41040	40851	0.41	cps
Gadolinium	160-2	10421	10514	10388	10441	0.63	cps
Holmium	165-1	6608891	6613674	6555692	6592752	0.49	cps
Holmium	165-2	1254918	1192464	1194837	1214073	2.92	cps
Indium	115-1	4823677	4786143	4782600	4797473	0.47	cps
Indium	115-2	181761	171965	172675	175467	3.11	cps
Iron	56-2	11308268	11325625	11282209	11305367	0.19	cps
Iron	57-2	285439	285428	286166	285678	0.15	cps
Lead	206-1	548482	546529	547009	547340	0.19	cps
Lead	207-1	455976	453038	455144	454719	0.33	cps
Lead	208-1	2129574	2121139	2126349	2125687	0.20	cps
Lithium	6-1	577205	578433	576217	577285	0.19	cps
Magnesium	24-2	42013	40944	40751	41236	1.65	cps
Manganese	55-2	221632	219176	219546	220118	0.60	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:43:37	DataFile Name :	035SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16595	16210	15610	16138	3.08	cps
Molybdenum	95-1	3534	3584	3584	3567	0.81	cps
Molybdenum	96-1	6393	6602	6177	6391	3.33	cps
Molybdenum	97-1	2359	2109	2159	2209	5.99	cps
Molybdenum	98-1	5660	5568	5843	5690	2.46	cps
Neodymium	150-1	70549	68519	70422	69830	1.63	cps
Neodymium	150-2	8526	8426	8773	8575	2.08	cps
Nickel	60-2	6418	6305	6545	6423	1.87	cps
Phosphorus	31-2	25	58	42	42	40.00	cps
Potassium	39-2	7652	7461	7244	7452	2.74	cps
Rhodium	103-1	4272744	4338544	4276689	4295992	0.86	cps
Rhodium	103-2	1068483	1015743	1012655	1032294	3.04	cps
Scandium	45-1	2254075	2253398	2223030	2243501	0.79	cps
Scandium	45-2	16256	14845	15138	15413	4.83	cps
Selenium	77-2	27	47	20	31	44.61	cps
Selenium	78-2	11	13	22	15	38.58	cps
Selenium	82-1	47	30	45	41	22.27	cps
Silicon	28-1	3303611	3317531	3387803	3336315	1.35	cps
Silver	109-1	1025	1033	1075	1045	2.56	cps
Silver	107-1	958	1117	1142	1072	9.27	cps
Sodium	23-2	13465	14166	13374	13668	3.17	cps
Strontium	86-1	187242	187511	186684	187146	0.23	cps
Strontium	88-1	1658734	1672333	1670266	1667111	0.44	cps
Sulfur	34-1	241513	238699	239971	240061	0.59	cps
Terbium	159-1	6791114	6747501	6766312	6768309	0.32	cps
Terbium	159-2	1209390	1142967	1138077	1163478	3.42	cps
Thallium	203-1	1383	1750	1575	1570	11.69	cps
Thallium	205-1	3801	3559	3526	3628	4.14	cps
Tin	118-1	16912	16519	15526	16319	4.38	cps
Titanium	47-1	12306	12750	12356	12471	1.95	cps
Uranium	238-1	35042	34173	35978	35064	2.57	cps
Vanadium	51-2	26018	25714	26161	25964	0.88	cps
Yttrium	89-1	5076397	5066636	5043479	5062171	0.33	cps
Yttrium	89-2	137019	130288	130844	132717	2.81	cps
Zinc	66-2	131660	130719	130551	130977	0.46	cps
Zirconium	90-1	38313	37946	37712	37990	0.80	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:43:37	DataFile Name :	035SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8895	8028	8920	8614	5.90	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:46:46	DataFile Name :	036SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43099	44337	42222	43220	2.46	cps
Antimony	121-1	1367	1475	1525	1456	5.56	cps
Arsenic	75-2	463	431	476	457	5.00	cps
Barium	135-1	795650	791488	780539	789226	0.99	cps
Barium	137-1	1410135	1384927	1374946	1390002	1.30	cps
Beryllium	9-1	1267	1400	1206	1291	7.70	cps
Bismuth	209-1	4370798	4598961	4652836	4540865	3.30	cps
Bismuth	209-2	1070238	1058123	1071554	1066638	0.69	cps
Boron	10-1	283	208	333	275	22.88	cps
Boron	11-1	1183	1258	1292	1245	4.46	cps
Cadmium	111-1	879	700	813	798	11.33	cps
Cadmium	106-1	1150	842	1000	997	15.46	cps
Cadmium	108-1	25	38	29	31	20.83	cps
Calcium	43-1	99770	99225	98368	99121	0.71	cps
Calcium	44-1	1680248	1670729	1654094	1668357	0.79	cps
Chromium	52-2	7479	7442	7542	7488	0.68	cps
Cobalt	59-2	20315	20862	21056	20745	1.85	cps
Copper	63-2	14611	14625	14167	14468	1.80	cps
Dysprosium	156-1	45213	43691	44618	44507	1.72	cps
Dysprosium	156-2	8766	8490	8606	8621	1.61	cps
Erbium	164-1	36051	34998	35884	35644	1.59	cps
Erbium	164-2	6672	6455	6625	6584	1.73	cps
Gadolinium	160-1	41267	39879	41224	40790	1.94	cps
Gadolinium	160-2	10448	10364	10541	10451	0.85	cps
Holmium	165-1	6157667	6567321	6489083	6404690	3.40	cps
Holmium	165-2	1261505	1254727	1262347	1259527	0.33	cps
Indium	115-1	4500298	4788078	4801243	4696540	3.62	cps
Indium	115-2	184012	181524	184804	183447	0.93	cps
Iron	56-2	8273810	8194002	8284874	8250896	0.60	cps
Iron	57-2	207014	206512	207674	207067	0.28	cps
Lead	206-1	185428	184307	183879	184538	0.43	cps
Lead	207-1	152105	151302	150756	151388	0.45	cps
Lead	208-1	717811	711989	711254	713685	0.50	cps
Lithium	6-1	547081	577046	582612	568913	3.36	cps
Magnesium	24-2	61818	61743	61676	61746	0.12	cps
Manganese	55-2	97514	97954	97282	97583	0.35	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:46:46	DataFile Name :	036SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8628	8411	8011	8350	3.75	cps
Molybdenum	95-1	1267	1567	1417	1417	10.59	cps
Molybdenum	96-1	3109	3242	3050	3134	3.14	cps
Molybdenum	97-1	925	825	1017	922	10.40	cps
Molybdenum	98-1	2275	2342	2142	2253	4.52	cps
Neodymium	150-1	63794	62971	62341	63036	1.16	cps
Neodymium	150-2	7796	7812	7479	7696	2.44	cps
Nickel	60-2	6148	5945	5845	5979	2.59	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	5143	5385	5410	5312	2.77	cps
Rhodium	103-1	4065178	4301014	4307411	4224535	3.27	cps
Rhodium	103-2	1073610	1071004	1087915	1077510	0.85	cps
Scandium	45-1	2129279	2267354	2266241	2220958	3.57	cps
Scandium	45-2	16490	16360	16727	16525	1.13	cps
Selenium	77-2	17	30	47	31	48.31	cps
Selenium	78-2	15	9	24	16	46.61	cps
Selenium	82-1	-3	70	43	37	100.28	cps
Silicon	28-1	2277159	2267769	2271909	2272279	0.21	cps
Silver	109-1	475	692	567	578	18.82	cps
Silver	107-1	550	583	567	567	2.94	cps
Sodium	23-2	14266	13749	14099	14038	1.88	cps
Strontium	86-1	108999	110033	107127	108720	1.35	cps
Strontium	88-1	962491	945948	941762	950067	1.15	cps
Sulfur	34-1	235658	233295	232329	233760	0.73	cps
Terbium	159-1	6342754	6653236	6719402	6571797	3.06	cps
Terbium	159-2	1209730	1196219	1206651	1204200	0.59	cps
Thallium	203-1	1183	1358	1267	1270	6.90	cps
Thallium	205-1	2900	3067	3076	3014	3.28	cps
Tin	118-1	6670	6877	6653	6733	1.86	cps
Titanium	47-1	6243	6310	7036	6530	6.73	cps
Uranium	238-1	37700	36505	36705	36970	1.73	cps
Vanadium	51-2	16437	16520	16483	16480	0.25	cps
Yttrium	89-1	4767830	5052810	5151905	4990848	4.00	cps
Yttrium	89-2	141760	140699	140907	141122	0.40	cps
Zinc	66-2	1807	1837	1957	1867	4.25	cps
Zirconium	90-1	20733	20041	20074	20283	1.93	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:46:46	DataFile Name :	036SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4509	4718	4543	4590	2.44	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:49:57	DataFile Name :	037SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39890	41077	40625	40531	1.48	cps
Antimony	121-1	1542	1592	1492	1542	3.24	cps
Arsenic	75-2	452	430	443	441	2.53	cps
Barium	135-1	628441	616468	619504	621471	1.00	cps
Barium	137-1	1105610	1080457	1086990	1091019	1.20	cps
Beryllium	9-1	1278	1433	1345	1352	5.77	cps
Bismuth	209-1	4326306	4582441	4655364	4521370	3.82	cps
Bismuth	209-2	1066460	1070598	1063925	1066995	0.32	cps
Boron	10-1	325	283	242	283	14.71	cps
Boron	11-1	1167	1125	1200	1164	3.23	cps
Cadmium	111-1	951	931	1007	963	4.08	cps
Cadmium	106-1	1000	1000	1175	1058	9.55	cps
Cadmium	108-1	46	63	46	51	18.73	cps
Calcium	43-1	87689	85971	87766	87142	1.16	cps
Calcium	44-1	1493743	1451232	1423392	1456122	2.43	cps
Chromium	52-2	7125	7425	6942	7164	3.41	cps
Cobalt	59-2	18599	18903	18569	18691	0.99	cps
Copper	63-2	17615	17765	17588	17656	0.54	cps
Dysprosium	156-1	52280	50941	51645	51622	1.30	cps
Dysprosium	156-2	10484	9954	10201	10213	2.60	cps
Erbium	164-1	41493	40347	40264	40701	1.69	cps
Erbium	164-2	7526	7436	7599	7520	1.09	cps
Gadolinium	160-1	48299	49729	47529	48519	2.30	cps
Gadolinium	160-2	12149	12676	12640	12488	2.36	cps
Holmium	165-1	6092893	6581189	6591780	6421954	4.44	cps
Holmium	165-2	1266126	1271981	1265418	1267842	0.28	cps
Indium	115-1	4441141	4786300	4854662	4694034	4.72	cps
Indium	115-2	184284	184824	184716	184608	0.15	cps
Iron	56-2	5731781	5724200	5751538	5735840	0.25	cps
Iron	57-2	142319	146040	144766	144375	1.31	cps
Lead	206-1	100713	96655	97919	98429	2.11	cps
Lead	207-1	82064	80811	80035	80970	1.26	cps
Lead	208-1	385821	379196	376485	380501	1.26	cps
Lithium	6-1	539636	583939	581364	568313	4.38	cps
Magnesium	24-2	96174	95176	94824	95391	0.73	cps
Manganese	55-2	49534	50270	50364	50056	0.91	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:49:57	DataFile Name :	037SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9579	9937	9737	9751	1.84	cps
Molybdenum	95-1	825	817	1075	906	16.21	cps
Molybdenum	96-1	2634	2484	2717	2611	4.53	cps
Molybdenum	97-1	592	658	658	636	6.05	cps
Molybdenum	98-1	1483	1300	1525	1436	8.34	cps
Neodymium	150-1	88530	86611	88545	87895	1.27	cps
Neodymium	150-2	10781	10918	10838	10846	0.63	cps
Nickel	60-2	9020	9403	9207	9210	2.08	cps
Phosphorus	31-2	33	42	58	44	28.65	cps
Potassium	39-2	7552	8128	7828	7836	3.67	cps
Rhodium	103-1	4023093	4350118	4365847	4246353	4.56	cps
Rhodium	103-2	1083090	1094070	1085827	1087663	0.53	cps
Scandium	45-1	2089285	2247816	2250547	2195883	4.20	cps
Scandium	45-2	16567	16273	16276	16372	1.03	cps
Selenium	77-2	37	40	37	38	5.09	cps
Selenium	78-2	30	15	24	23	32.78	cps
Selenium	82-1	7	76	-41	14	417.52	cps
Silicon	28-1	2654972	2599933	2646916	2633940	1.13	cps
Silver	109-1	275	417	392	361	20.94	cps
Silver	107-1	317	325	342	328	3.88	cps
Sodium	23-2	17103	17144	16627	16958	1.69	cps
Strontium	86-1	104607	104750	102558	103972	1.18	cps
Strontium	88-1	916923	902274	902830	907342	0.91	cps
Sulfur	34-1	229982	229669	226536	228729	0.83	cps
Terbium	159-1	6202768	6786411	6753317	6580832	4.98	cps
Terbium	159-2	1210974	1217122	1206174	1211424	0.45	cps
Thallium	203-1	1550	1442	1250	1414	10.75	cps
Thallium	205-1	3334	3067	3401	3267	5.40	cps
Tin	118-1	5685	5777	5618	5693	1.40	cps
Titanium	47-1	20032	19765	19448	19748	1.48	cps
Uranium	238-1	19249	19733	19349	19444	1.31	cps
Vanadium	51-2	10361	10191	10331	10294	0.88	cps
Yttrium	89-1	4789465	5169825	5223898	5061063	4.68	cps
Yttrium	89-2	142909	143228	143653	143263	0.26	cps
Zinc	66-2	3494	3694	3681	3623	3.09	cps
Zirconium	90-1	24214	24590	24039	24281	1.16	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:49:57	DataFile Name :	037SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5777	5368	5668	5604	3.78	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:53:08	DataFile Name :	038SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43744	43886	42431	43354	1.85	cps
Antimony	121-1	1709	1859	1784	1784	4.21	cps
Arsenic	75-2	335	343	293	323	8.34	cps
Barium	135-1	675714	678341	676163	676740	0.21	cps
Barium	137-1	1195822	1187576	1188451	1190616	0.38	cps
Beryllium	9-1	828	961	756	848	12.30	cps
Bismuth	209-1	4591753	4575210	4613129	4593364	0.41	cps
Bismuth	209-2	1068352	1055898	1057395	1060548	0.64	cps
Boron	10-1	300	267	350	306	13.73	cps
Boron	11-1	1717	1450	1458	1542	9.83	cps
Cadmium	111-1	1001	906	1058	988	7.73	cps
Cadmium	106-1	1117	967	975	1020	8.27	cps
Cadmium	108-1	63	71	83	72	14.52	cps
Calcium	43-1	70955	70260	70293	70503	0.56	cps
Calcium	44-1	1165352	1143588	1145089	1151343	1.06	cps
Chromium	52-2	8456	8329	8293	8359	1.03	cps
Cobalt	59-2	14771	14074	14214	14353	2.57	cps
Copper	63-2	15222	15739	15229	15397	1.93	cps
Dysprosium	156-1	54665	53393	54096	54051	1.18	cps
Dysprosium	156-2	11682	11702	11512	11632	0.90	cps
Erbium	164-1	45748	46417	44820	45662	1.76	cps
Erbium	164-2	8116	8570	8540	8408	3.02	cps
Gadolinium	160-1	53385	54047	54950	54127	1.45	cps
Gadolinium	160-2	14378	14318	13454	14050	3.68	cps
Holmium	165-1	6524058	6611108	6528819	6554662	0.75	cps
Holmium	165-2	1271115	1256969	1260423	1262836	0.58	cps
Indium	115-1	4837686	4867561	4876589	4860612	0.42	cps
Indium	115-2	186743	185750	184466	185653	0.61	cps
Iron	56-2	5933379	5866430	5851913	5883907	0.74	cps
Iron	57-2	149200	146428	148287	147972	0.95	cps
Lead	206-1	70098	68384	68490	68991	1.39	cps
Lead	207-1	56850	56375	55627	56284	1.09	cps
Lead	208-1	267366	262206	265496	265022	0.99	cps
Lithium	6-1	585851	585207	585776	585611	0.06	cps
Magnesium	24-2	95528	94245	93390	94388	1.14	cps
Manganese	55-2	75224	75184	75315	75241	0.09	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:53:08	DataFile Name :	038SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16995	17512	17370	17292	1.55	cps
Molybdenum	95-1	1809	1650	1934	1797	7.90	cps
Molybdenum	96-1	5093	4901	4568	4854	5.48	cps
Molybdenum	97-1	933	1017	1208	1053	13.39	cps
Molybdenum	98-1	2959	2825	2617	2800	6.15	cps
Neodymium	150-1	86343	86383	87624	86783	0.84	cps
Neodymium	150-2	10558	10818	10508	10628	1.57	cps
Nickel	60-2	11835	11201	11305	11447	2.97	cps
Phosphorus	31-2	100	83	142	108	27.74	cps
Potassium	39-2	10521	10229	10621	10457	1.95	cps
Rhodium	103-1	4394581	4358408	4397148	4383379	0.49	cps
Rhodium	103-2	1096520	1082741	1085518	1088260	0.67	cps
Scandium	45-1	2267525	2276429	2275376	2273110	0.21	cps
Scandium	45-2	16814	16857	16513	16728	1.12	cps
Selenium	77-2	47	60	43	50	17.64	cps
Selenium	78-2	24	30	19	24	23.08	cps
Selenium	82-1	-47	105	22	27	285.11	cps
Silicon	28-1	3233220	3208907	3073692	3171940	2.71	cps
Silver	109-1	175	342	283	267	31.72	cps
Silver	107-1	350	225	358	311	24.01	cps
Sodium	23-2	16202	16769	17278	16749	3.21	cps
Strontium	86-1	83647	83481	82733	83287	0.58	cps
Strontium	88-1	729597	723190	744873	732553	1.52	cps
Sulfur	34-1	220445	218657	218166	219090	0.55	cps
Terbium	159-1	6801082	6841657	6823840	6822193	0.30	cps
Terbium	159-2	1224538	1199585	1206639	1210254	1.06	cps
Thallium	203-1	1450	1592	1692	1578	7.70	cps
Thallium	205-1	4118	4101	4001	4073	1.55	cps
Tin	118-1	6310	6777	6327	6471	4.09	cps
Titanium	47-1	35572	34920	36394	35629	2.07	cps
Uranium	238-1	19166	18706	18799	18890	1.29	cps
Vanadium	51-2	8533	8966	8730	8743	2.48	cps
Yttrium	89-1	5338000	5318978	5259409	5305463	0.77	cps
Yttrium	89-2	147739	147085	146377	147067	0.46	cps
Zinc	66-2	4561	4698	4654	4638	1.51	cps
Zirconium	90-1	44793	44491	43169	44151	1.96	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:53:08	DataFile Name :	038SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9737	9871	9804	9804	0.68	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:56:20	DataFile Name :	039SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64949	64121	63484	64185	1.14	cps
Antimony	121-1	3184	3309	3201	3231	2.10	cps
Arsenic	75-2	4397	4371	4404	4391	0.40	cps
Barium	135-1	2270021	2263901	2252534	2262152	0.39	cps
Barium	137-1	3989111	3933939	3947021	3956690	0.73	cps
Beryllium	9-1	1739	1545	1322	1535	13.58	cps
Bismuth	209-1	4637480	4643794	4640866	4640713	0.07	cps
Bismuth	209-2	1072889	1052060	1066591	1063847	1.00	cps
Boron	10-1	392	375	417	394	5.32	cps
Boron	11-1	1725	1800	1558	1695	7.30	cps
Cadmium	111-1	1011	1027	854	964	9.92	cps
Cadmium	106-1	1133	1133	925	1064	11.31	cps
Cadmium	108-1	58	83	63	68	19.68	cps
Calcium	43-1	140202	136297	137449	137983	1.45	cps
Calcium	44-1	2323408	2294193	2287169	2301590	0.84	cps
Chromium	52-2	16336	16827	16433	16532	1.57	cps
Cobalt	59-2	33554	32902	32415	32957	1.73	cps
Copper	63-2	51338	50963	51819	51373	0.84	cps
Dysprosium	156-1	68698	70482	68564	69248	1.55	cps
Dysprosium	156-2	14201	13304	13911	13805	3.32	cps
Erbium	164-1	56097	57562	56490	56716	1.34	cps
Erbium	164-2	10451	10137	10304	10298	1.52	cps
Gadolinium	160-1	65005	65582	64845	65144	0.60	cps
Gadolinium	160-2	17495	16744	16971	17070	2.26	cps
Holmium	165-1	6615137	6621809	6574757	6603901	0.39	cps
Holmium	165-2	1286912	1262959	1267109	1272327	1.01	cps
Indium	115-1	4846543	4840460	4837370	4841457	0.10	cps
Indium	115-2	188730	183533	184936	185733	1.45	cps
Iron	56-2	14698350	14617088	14540070	14618503	0.54	cps
Iron	57-2	366973	365704	365851	366176	0.19	cps
Lead	206-1	254078	249296	249202	250859	1.11	cps
Lead	207-1	204041	203573	204364	203993	0.20	cps
Lead	208-1	966063	962073	959418	962518	0.35	cps
Lithium	6-1	589701	588697	581426	586608	0.77	cps
Magnesium	24-2	198954	195795	197376	197375	0.80	cps
Manganese	55-2	424923	420648	420123	421898	0.62	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:56:20	DataFile Name :	039SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20099	18597	18680	19125	4.41	cps
Molybdenum	95-1	6952	6719	6694	6788	2.10	cps
Molybdenum	96-1	10438	10379	9896	10238	2.91	cps
Molybdenum	97-1	4276	4426	4293	4331	1.90	cps
Molybdenum	98-1	11222	11605	11197	11341	2.02	cps
Neodymium	150-1	103197	103814	103257	103423	0.33	cps
Neodymium	150-2	12873	12940	12636	12816	1.24	cps
Nickel	60-2	21323	21410	20923	21219	1.23	cps
Phosphorus	31-2	267	275	350	297	15.44	cps
Potassium	39-2	19523	19606	21451	20193	5.40	cps
Rhodium	103-1	4403471	4359482	4390583	4384512	0.52	cps
Rhodium	103-2	1099232	1085753	1087688	1090891	0.67	cps
Scandium	45-1	2283655	2294332	2292165	2290051	0.25	cps
Scandium	45-2	16587	16116	16827	16510	2.19	cps
Selenium	77-2	30	63	33	42	43.49	cps
Selenium	78-2	22	26	41	30	33.07	cps
Selenium	82-1	-23	75	71	41	134.10	cps
Silicon	28-1	2649187	2591554	2564229	2601657	1.67	cps
Silver	109-1	333	350	292	325	9.25	cps
Silver	107-1	292	358	367	339	12.13	cps
Sodium	23-2	28387	28246	29281	28638	1.96	cps
Strontium	86-1	130072	128188	129906	129389	0.81	cps
Strontium	88-1	1135181	1120983	1120349	1125505	0.75	cps
Sulfur	34-1	216516	217033	217670	217073	0.27	cps
Terbium	159-1	6757425	6789330	6749490	6765415	0.31	cps
Terbium	159-2	1226576	1208197	1219020	1217931	0.76	cps
Thallium	203-1	3192	3234	3151	3192	1.31	cps
Thallium	205-1	8195	7628	7353	7725	5.56	cps
Tin	118-1	7986	7736	8228	7983	3.08	cps
Titanium	47-1	31354	30836	30125	30772	2.01	cps
Uranium	238-1	28425	28033	27248	27902	2.15	cps
Vanadium	51-2	25610	25530	25844	25661	0.64	cps
Yttrium	89-1	5514965	5481456	5498786	5498403	0.30	cps
Yttrium	89-2	152456	150424	150688	151189	0.73	cps
Zinc	66-2	11819	11502	11345	11555	2.09	cps
Zirconium	90-1	40661	41114	40001	40592	1.38	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:56:20	DataFile Name :	039SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8912	9487	8678	9026	4.61	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:59:29	DataFile Name :	040SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65326	64840	65101	65089	0.37	cps
Antimony	121-1	3276	3342	3451	3356	2.63	cps
Arsenic	75-2	4406	4373	4493	4424	1.41	cps
Barium	135-1	2284645	2295391	2249203	2276413	1.06	cps
Barium	137-1	3978241	3960435	3937691	3958789	0.51	cps
Beryllium	9-1	1700	1739	1633	1691	3.16	cps
Bismuth	209-1	4602547	4572259	4521535	4565447	0.90	cps
Bismuth	209-2	1065988	1062287	1057531	1061935	0.40	cps
Boron	10-1	442	358	417	406	10.54	cps
Boron	11-1	1717	1709	1725	1717	0.49	cps
Cadmium	111-1	941	1168	1013	1041	11.15	cps
Cadmium	106-1	992	1325	1000	1106	17.19	cps
Cadmium	108-1	58	79	71	69	15.10	cps
Calcium	43-1	144437	141086	140791	142105	1.42	cps
Calcium	44-1	2351409	2344661	2334925	2343665	0.35	cps
Chromium	52-2	17311	17338	16864	17171	1.55	cps
Cobalt	59-2	33474	33176	33497	33382	0.54	cps
Copper	63-2	52971	53332	52472	52925	0.82	cps
Dysprosium	156-1	69644	70624	68513	69594	1.52	cps
Dysprosium	156-2	14435	13988	14061	14161	1.69	cps
Erbium	164-1	56666	56716	57277	56887	0.60	cps
Erbium	164-2	10508	10538	10351	10465	0.96	cps
Gadolinium	160-1	65791	67039	65432	66087	1.28	cps
Gadolinium	160-2	16928	17071	16995	16998	0.42	cps
Holmium	165-1	6654632	6543462	6522060	6573385	1.08	cps
Holmium	165-2	1271794	1270852	1265861	1269502	0.25	cps
Indium	115-1	4822499	4763569	4814249	4800106	0.66	cps
Indium	115-2	185888	186132	184436	185486	0.49	cps
Iron	56-2	14986039	14962565	14972653	14973752	0.08	cps
Iron	57-2	376520	378685	375817	377008	0.40	cps
Lead	206-1	250221	249484	248544	249416	0.34	cps
Lead	207-1	203596	203284	203647	203509	0.10	cps
Lead	208-1	960485	959755	950772	957004	0.57	cps
Lithium	6-1	584801	587295	583393	585163	0.34	cps
Magnesium	24-2	201779	197511	200494	199928	1.10	cps
Manganese	55-2	418688	422348	418091	419709	0.55	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:59:29	DataFile Name :	040SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	18956	19540	19289	19262	1.52	cps
Molybdenum	95-1	7344	7544	7269	7386	1.93	cps
Molybdenum	96-1	10179	11072	10730	10660	4.22	cps
Molybdenum	97-1	4518	4518	4276	4437	3.15	cps
Molybdenum	98-1	11305	11814	11555	11558	2.20	cps
Neodymium	150-1	104432	106395	105292	105373	0.93	cps
Neodymium	150-2	13000	13200	13330	13177	1.26	cps
Nickel	60-2	21604	22054	21657	21772	1.13	cps
Phosphorus	31-2	275	292	308	292	5.72	cps
Potassium	39-2	20716	21050	20249	20671	1.95	cps
Rhodium	103-1	4344541	4364321	4377747	4362203	0.38	cps
Rhodium	103-2	1094950	1084251	1084638	1087946	0.56	cps
Scandium	45-1	2303321	2291001	2281635	2291986	0.47	cps
Scandium	45-2	16380	17097	16947	16808	2.25	cps
Selenium	77-2	50	40	50	47	12.37	cps
Selenium	78-2	41	19	37	32	37.09	cps
Selenium	82-1	115	10	87	70	77.17	cps
Silicon	28-1	2708498	2633293	2712407	2684733	1.66	cps
Silver	109-1	300	317	375	331	11.91	cps
Silver	107-1	333	250	358	314	18.07	cps
Sodium	23-2	28229	28513	29406	28716	2.14	cps
Strontium	86-1	130332	132302	131965	131533	0.80	cps
Strontium	88-1	1135784	1139133	1136869	1137262	0.15	cps
Sulfur	34-1	215029	213954	214893	214626	0.27	cps
Terbium	159-1	6764312	6730872	6729024	6741403	0.29	cps
Terbium	159-2	1220196	1214260	1206655	1213704	0.56	cps
Thallium	203-1	3301	3634	3117	3351	7.82	cps
Thallium	205-1	7503	7678	7011	7397	4.68	cps
Tin	118-1	8103	8153	8220	8158	0.72	cps
Titanium	47-1	32214	30810	31851	31625	2.30	cps
Uranium	238-1	28258	28517	28041	28272	0.84	cps
Vanadium	51-2	25811	27033	26632	26492	2.35	cps
Yttrium	89-1	5509449	5429897	5486472	5475272	0.75	cps
Yttrium	89-2	152631	151608	149835	151358	0.93	cps
Zinc	66-2	11588	11995	11371	11652	2.72	cps
Zirconium	90-1	41732	42008	41272	41670	0.89	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 13:59:29	DataFile Name :	040SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9087	9245	9212	9181	0.91	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LX5	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-23 14:02:39	DataFile Name :	041SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13290	12798	12706	12931	2.43	cps
Antimony	121-1	625	642	767	678	11.42	cps
Arsenic	75-2	817	865	807	830	3.72	cps
Barium	135-1	425872	428363	425977	426737	0.33	cps
Barium	137-1	755779	748942	757078	753933	0.58	cps
Beryllium	9-1	306	311	317	311	1.79	cps
Bismuth	209-1	4642971	4627968	4567614	4612851	0.86	cps
Bismuth	209-2	1085753	1081790	1074882	1080808	0.51	cps
Boron	10-1	133	167	217	172	24.36	cps
Boron	11-1	958	1158	1167	1095	10.78	cps
Cadmium	111-1	693	555	748	666	14.97	cps
Cadmium	106-1	850	717	1008	858	17.01	cps
Cadmium	108-1	8	25	17	17	50.01	cps
Calcium	43-1	27954	27353	27695	27667	1.09	cps
Calcium	44-1	447409	450304	448410	448708	0.33	cps
Chromium	52-2	3464	3294	3334	3364	2.64	cps
Cobalt	59-2	6465	6612	6632	6569	1.39	cps
Copper	63-2	10164	10247	10224	10212	0.42	cps
Dysprosium	156-1	13141	13416	12982	13179	1.67	cps
Dysprosium	156-2	2674	2907	2624	2735	5.53	cps
Erbium	164-1	11430	10763	10930	11041	3.15	cps
Erbium	164-2	2097	1980	2187	2088	4.96	cps
Gadolinium	160-1	13040	12824	12965	12943	0.85	cps
Gadolinium	160-2	3417	3287	3381	3362	1.99	cps
Holmium	165-1	6549893	6474484	6545274	6523217	0.65	cps
Holmium	165-2	1291911	1272462	1269293	1277889	0.96	cps
Indium	115-1	4819344	4900090	4845024	4854819	0.85	cps
Indium	115-2	191916	189004	188395	189772	0.99	cps
Iron	56-2	2955206	2925185	2895038	2925143	1.03	cps
Iron	57-2	71701	71438	72399	71846	0.69	cps
Lead	206-1	48945	48286	49653	48961	1.40	cps
Lead	207-1	38971	38938	40732	39547	2.60	cps
Lead	208-1	186620	185654	187947	186740	0.62	cps
Lithium	6-1	590670	590121	591175	590655	0.09	cps
Magnesium	24-2	39464	39155	38604	39074	1.12	cps
Manganese	55-2	84141	83065	82854	83353	0.83	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LX5	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-23 14:02:39	DataFile Name :	041SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4017	3534	3776	3776	6.40	cps
Molybdenum	95-1	1283	1350	1317	1317	2.53	cps
Molybdenum	96-1	2200	2092	2034	2109	4.01	cps
Molybdenum	97-1	925	800	792	839	8.90	cps
Molybdenum	98-1	2442	2009	2192	2214	9.83	cps
Neodymium	150-1	19702	19836	20236	19925	1.39	cps
Neodymium	150-2	2507	2430	2617	2518	3.73	cps
Nickel	60-2	4654	4311	4598	4521	4.07	cps
Phosphorus	31-2	75	17	33	42	72.11	cps
Potassium	39-2	5726	5010	5159	5298	7.14	cps
Rhodium	103-1	4404313	4341543	4383912	4376589	0.73	cps
Rhodium	103-2	1112888	1106459	1101834	1107060	0.50	cps
Scandium	45-1	2272131	2245727	2263629	2260496	0.60	cps
Scandium	45-2	17227	16787	16814	16943	1.46	cps
Selenium	77-2	17	7	3	9	78.08	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-21	-29	21	-10	-272.64	cps
Silicon	28-1	839208	804659	788685	810851	3.18	cps
Silver	109-1	142	75	108	108	30.77	cps
Silver	107-1	108	100	142	117	18.89	cps
Sodium	23-2	10012	10279	10096	10129	1.35	cps
Strontium	86-1	26234	25425	25049	25569	2.37	cps
Strontium	88-1	220080	218039	216769	218296	0.77	cps
Sulfur	34-1	216879	212788	213362	214343	1.03	cps
Terbium	159-1	6714028	6650230	6705347	6689869	0.52	cps
Terbium	159-2	1237926	1223559	1216274	1225920	0.90	cps
Thallium	203-1	583	700	792	692	15.10	cps
Thallium	205-1	1767	1609	1884	1753	7.87	cps
Tin	118-1	1825	1592	1525	1647	9.56	cps
Titanium	47-1	5943	6043	6077	6021	1.15	cps
Uranium	238-1	5602	5318	5535	5485	2.70	cps
Vanadium	51-2	4881	4811	4878	4856	0.81	cps
Yttrium	89-1	4926414	4892074	4863190	4893893	0.65	cps
Yttrium	89-2	137685	137203	137756	137548	0.22	cps
Zinc	66-2	2267	2220	2380	2289	3.60	cps
Zirconium	90-1	8111	8278	8245	8211	1.07	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LX5	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	5
Date & Time Acquired ::	2018-01-23 14:02:39	DataFile Name :	041SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1817	1817	1984	1872	5.14	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:05:50	DataFile Name :	042SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66029	66071	66741	66280	0.60	cps
Antimony	121-1	151390	149833	150489	150570	0.52	cps
Arsenic	75-2	4801	4964	4897	4887	1.68	cps
Barium	135-1	2907116	2918026	2890991	2905378	0.47	cps
Barium	137-1	5077768	5054970	5051037	5061259	0.29	cps
Beryllium	9-1	7919	8064	8508	8164	3.76	cps
Bismuth	209-1	4557985	4524698	4586345	4556342	0.68	cps
Bismuth	209-2	1058164	1057395	1054125	1056561	0.20	cps
Boron	10-1	367	375	400	381	4.56	cps
Boron	11-1	1742	1759	1725	1742	0.96	cps
Cadmium	111-1	16220	16401	16041	16221	1.11	cps
Cadmium	106-1	2600	2684	2409	2564	5.50	cps
Cadmium	108-1	1054	975	988	1006	4.23	cps
Calcium	43-1	140917	140833	138679	140143	0.91	cps
Calcium	44-1	2319776	2352296	2302595	2324889	1.09	cps
Chromium	52-2	38600	38707	37594	38300	1.60	cps
Cobalt	59-2	151806	151310	150651	151256	0.38	cps
Copper	63-2	104213	104271	102954	103813	0.72	cps
Dysprosium	156-1	68447	69754	68866	69022	0.97	cps
Dysprosium	156-2	14295	13844	14381	14173	2.03	cps
Erbium	164-1	56749	57762	55360	56624	2.13	cps
Erbium	164-2	10301	10518	10531	10450	1.24	cps
Gadolinium	160-1	64385	65046	65340	64924	0.75	cps
Gadolinium	160-2	17392	16701	16798	16963	2.21	cps
Holmium	165-1	6520378	6541780	6490546	6517568	0.39	cps
Holmium	165-2	1270250	1258026	1252324	1260200	0.73	cps
Indium	115-1	4794409	4765928	4829766	4796701	0.67	cps
Indium	115-2	187938	185000	181902	184946	1.63	cps
Iron	56-2	14905577	14819945	14745581	14823701	0.54	cps
Iron	57-2	372452	375108	370810	372790	0.58	cps
Lead	206-1	270287	267169	268824	268760	0.58	cps
Lead	207-1	221162	217743	223163	220690	1.24	cps
Lead	208-1	1040975	1035430	1043608	1040004	0.40	cps
Lithium	6-1	584602	581787	581959	582783	0.27	cps
Magnesium	24-2	200316	198855	198482	199218	0.49	cps
Manganese	55-2	436248	433078	433028	434118	0.42	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:05:50	DataFile Name :	042SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	19264	18480	19156	18967	2.24	cps
Molybdenum	95-1	6994	7136	7027	7052	1.05	cps
Molybdenum	96-1	10338	9704	10363	10135	3.68	cps
Molybdenum	97-1	4751	4476	4251	4493	5.58	cps
Molybdenum	98-1	11597	10963	11364	11308	2.83	cps
Neodymium	150-1	104453	104641	101180	103425	1.88	cps
Neodymium	150-2	12666	12786	12740	12731	0.48	cps
Nickel	60-2	55788	56170	56042	56000	0.35	cps
Phosphorus	31-2	158	233	283	225	27.96	cps
Potassium	39-2	20324	19856	20057	20079	1.17	cps
Rhodium	103-1	4353495	4333042	4342427	4342988	0.24	cps
Rhodium	103-2	1093111	1078203	1073478	1081597	0.95	cps
Scandium	45-1	2291660	2282534	2263861	2279352	0.62	cps
Scandium	45-2	16954	16787	17224	16988	1.30	cps
Selenium	77-2	47	70	57	58	20.26	cps
Selenium	78-2	70	44	48	54	25.82	cps
Selenium	82-1	1817	1865	1744	1809	3.37	cps
Silicon	28-1	2670635	2618614	2621354	2636868	1.11	cps
Silver	109-1	69404	68835	68123	68787	0.93	cps
Silver	107-1	70803	72596	70519	71306	1.58	cps
Sodium	23-2	28229	28154	28788	28390	1.22	cps
Strontium	86-1	130106	128886	127281	128758	1.10	cps
Strontium	88-1	1132327	1118355	1122608	1124430	0.64	cps
Sulfur	34-1	215934	217522	215120	216192	0.57	cps
Terbium	159-1	6751836	6676318	6702774	6710309	0.57	cps
Terbium	159-2	1210618	1204506	1201458	1205527	0.39	cps
Thallium	203-1	70119	69667	70270	70018	0.45	cps
Thallium	205-1	166672	165533	165197	165801	0.47	cps
Tin	118-1	8211	7919	7986	8039	1.90	cps
Titanium	47-1	39495	30752	31044	33763	14.71	cps
Uranium	238-1	28291	27866	27857	28005	0.89	cps
Vanadium	51-2	64836	65003	63901	64580	0.92	cps
Yttrium	89-1	5470914	5437936	5394105	5434318	0.71	cps
Yttrium	89-2	151472	149330	150497	150433	0.71	cps
Zinc	66-2	20462	20813	20692	20656	0.86	cps
Zirconium	90-1	42334	40536	40553	41141	2.51	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:05:50	DataFile Name :	042SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	9412	9487	9204	9368	1.57	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:08:59	DataFile Name :	043SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38453	37517	37885	37952	1.24	cps
Antimony	121-1	1767	1592	1684	1681	5.21	cps
Arsenic	75-2	813	937	861	870	7.19	cps
Barium	135-1	670152	662055	658410	663539	0.91	cps
Barium	137-1	1170207	1165601	1156376	1164062	0.61	cps
Beryllium	9-1	1089	1200	1100	1130	5.42	cps
Bismuth	209-1	4521018	4562817	4549801	4544545	0.47	cps
Bismuth	209-2	1053635	1047201	1043156	1047997	0.50	cps
Boron	10-1	367	342	183	297	33.45	cps
Boron	11-1	1325	1367	1333	1342	1.64	cps
Cadmium	111-1	1003	1052	952	1002	4.99	cps
Cadmium	106-1	925	1033	892	950	7.80	cps
Cadmium	108-1	46	54	38	46	18.19	cps
Calcium	43-1	295032	290968	293396	293132	0.70	cps
Calcium	44-1	4814014	4840844	4831883	4828914	0.28	cps
Chromium	52-2	8529	8319	8343	8397	1.37	cps
Cobalt	59-2	15289	15689	15255	15411	1.57	cps
Copper	63-2	25681	26158	25687	25842	1.06	cps
Dysprosium	156-1	39402	39946	38968	39439	1.24	cps
Dysprosium	156-2	7916	7949	7619	7828	2.32	cps
Erbium	164-1	31464	31531	30294	31096	2.24	cps
Erbium	164-2	5748	5828	5598	5725	2.04	cps
Gadolinium	160-1	37588	37029	36845	37154	1.04	cps
Gadolinium	160-2	9574	9203	9323	9367	2.02	cps
Holmium	165-1	6418565	6425980	6429550	6424698	0.09	cps
Holmium	165-2	1252934	1250022	1239467	1247474	0.57	cps
Indium	115-1	4757095	4746908	4693477	4732493	0.72	cps
Indium	115-2	181491	179868	178279	179880	0.89	cps
Iron	56-2	9151171	9210529	9063109	9141603	0.81	cps
Iron	57-2	232645	229390	228226	230087	1.00	cps
Lead	206-1	86443	86733	86470	86549	0.19	cps
Lead	207-1	70652	71116	70869	70879	0.33	cps
Lead	208-1	332610	332894	331502	332336	0.22	cps
Lithium	6-1	582254	575004	575842	577700	0.69	cps
Magnesium	24-2	144418	142660	138469	141849	2.15	cps
Manganese	55-2	55379	55195	54486	55020	0.86	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:08:59	DataFile Name :	043SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9137	9028	9095	9087	0.60	cps
Molybdenum	95-1	817	675	775	756	9.64	cps
Molybdenum	96-1	2667	2559	2417	2548	4.92	cps
Molybdenum	97-1	492	525	633	550	13.47	cps
Molybdenum	98-1	1308	1358	1150	1272	8.55	cps
Neodymium	150-1	61310	60948	61096	61118	0.30	cps
Neodymium	150-2	7469	7689	7826	7661	2.35	cps
Nickel	60-2	12082	11815	12139	12012	1.44	cps
Phosphorus	31-2	108	133	150	131	16.06	cps
Potassium	39-2	17553	17136	16844	17178	2.08	cps
Rhodium	103-1	4309368	4229017	4298321	4278902	1.02	cps
Rhodium	103-2	1056341	1056211	1046195	1052916	0.55	cps
Scandium	45-1	2240085	2238672	2224554	2234437	0.38	cps
Scandium	45-2	16436	15983	15883	16101	1.83	cps
Selenium	77-2	33	43	33	37	15.75	cps
Selenium	78-2	20	13	13	15	27.73	cps
Selenium	82-1	23	109	102	78	60.84	cps
Silicon	28-1	3119367	2992934	2928017	3013439	3.23	cps
Silver	109-1	583	475	442	500	14.81	cps
Silver	107-1	417	517	475	469	10.70	cps
Sodium	23-2	32087	32806	31962	32285	1.41	cps
Strontium	86-1	130451	128726	130737	129971	0.84	cps
Strontium	88-1	1142584	1136457	1134451	1137831	0.37	cps
Sulfur	34-1	224377	227198	228587	226721	0.95	cps
Terbium	159-1	6647365	6582875	6594076	6608106	0.52	cps
Terbium	159-2	1190721	1182528	1173494	1182248	0.73	cps
Thallium	203-1	1959	2134	2150	2081	5.10	cps
Thallium	205-1	4835	4626	4851	4771	2.63	cps
Tin	118-1	6202	6018	6444	6221	3.43	cps
Titanium	47-1	17587	17895	17862	17782	0.95	cps
Uranium	238-1	21077	19424	20259	20253	4.08	cps
Vanadium	51-2	10207	10241	10221	10223	0.16	cps
Yttrium	89-1	4998938	5027721	4978023	5001561	0.50	cps
Yttrium	89-2	136773	135345	134191	135436	0.95	cps
Zinc	66-2	5951	6228	6362	6180	3.39	cps
Zirconium	90-1	23680	23755	23855	23763	0.37	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:08:59	DataFile Name :	043SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5568	5101	5235	5301	4.54	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:12:10	DataFile Name :	044SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66196	65393	63961	65184	1.74	cps
Antimony	121-1	4776	4559	4626	4654	2.39	cps
Arsenic	75-2	6398	5929	6253	6193	3.88	cps
Barium	135-1	1146069	1140949	1147595	1144871	0.30	cps
Barium	137-1	2091785	2050739	2057928	2066818	1.06	cps
Beryllium	9-1	2239	2156	2172	2189	2.01	cps
Bismuth	209-1	4591154	4523652	4529237	4548014	0.82	cps
Bismuth	209-2	985139	1009583	1022469	1005730	1.89	cps
Boron	10-1	375	575	442	464	21.95	cps
Boron	11-1	2209	2334	2542	2361	7.13	cps
Cadmium	111-1	1909	1959	1960	1943	1.50	cps
Cadmium	106-1	942	1283	1158	1128	15.33	cps
Cadmium	108-1	125	175	150	150	16.67	cps
Calcium	43-1	840539	839721	844854	841705	0.33	cps
Calcium	44-1	13909091	13790717	13706214	13802007	0.74	cps
Chromium	52-2	14855	13840	13994	14230	3.84	cps
Cobalt	59-2	33237	32127	32822	32729	1.71	cps
Copper	63-2	70320	69107	69144	69524	0.99	cps
Dysprosium	156-1	58682	59737	58665	59028	1.04	cps
Dysprosium	156-2	12246	11752	12149	12049	2.17	cps
Erbium	164-1	49161	50173	49178	49504	1.17	cps
Erbium	164-2	8943	8503	8600	8682	2.67	cps
Gadolinium	160-1	57787	58055	57201	57681	0.76	cps
Gadolinium	160-2	14769	14331	14705	14602	1.62	cps
Holmium	165-1	6557941	6481603	6493363	6510969	0.63	cps
Holmium	165-2	1168640	1202773	1218381	1196598	2.13	cps
Indium	115-1	4704071	4706736	4696028	4702278	0.12	cps
Indium	115-2	168755	172461	174871	172029	1.79	cps
Iron	56-2	37844068	36527549	36913944	37095187	1.82	cps
Iron	57-2	944156	916609	922261	927675	1.57	cps
Lead	206-1	223999	225536	224615	224717	0.34	cps
Lead	207-1	182627	184353	183299	183426	0.47	cps
Lead	208-1	862078	862363	861525	861989	0.05	cps
Lithium	6-1	574330	571115	568709	571385	0.49	cps
Magnesium	24-2	267328	259871	262098	263099	1.45	cps
Manganese	55-2	182673	176918	180077	179889	1.60	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:12:10	DataFile Name :	044SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21134	21977	22462	21858	3.07	cps
Molybdenum	95-1	6235	6552	6685	6491	3.56	cps
Molybdenum	96-1	10213	10630	10504	10449	2.05	cps
Molybdenum	97-1	4084	4184	4017	4095	2.05	cps
Molybdenum	98-1	10588	9621	10446	10218	5.11	cps
Neodymium	150-1	90592	88510	91403	90168	1.65	cps
Neodymium	150-2	11238	10821	10888	10983	2.04	cps
Nickel	60-2	31105	30711	30116	30644	1.62	cps
Phosphorus	31-2	308	342	317	322	5.38	cps
Potassium	39-2	25424	24238	24889	24850	2.39	cps
Rhodium	103-1	4229858	4190908	4231721	4217496	0.55	cps
Rhodium	103-2	986539	1015536	1024231	1008769	1.96	cps
Scandium	45-1	2249699	2206805	2220923	2225809	0.98	cps
Scandium	45-2	15112	15499	15729	15446	2.02	cps
Selenium	77-2	60	47	43	50	17.64	cps
Selenium	78-2	20	24	13	19	29.57	cps
Selenium	82-1	75	58	44	59	26.17	cps
Silicon	28-1	3797629	3633016	3666461	3699035	2.35	cps
Silver	109-1	500	600	442	514	15.58	cps
Silver	107-1	683	742	725	717	4.19	cps
Sodium	23-2	34075	33482	33590	33716	0.94	cps
Strontium	86-1	221289	220394	219579	220421	0.39	cps
Strontium	88-1	1973097	1982268	1992234	1982533	0.48	cps
Sulfur	34-1	237047	232879	235946	235291	0.92	cps
Terbium	159-1	6674329	6609915	6628770	6637671	0.50	cps
Terbium	159-2	1115914	1156800	1164373	1145696	2.28	cps
Thallium	203-1	2809	2800	2725	2778	1.65	cps
Thallium	205-1	6077	6594	6552	6408	4.48	cps
Tin	118-1	8169	8270	7653	8031	4.12	cps
Titanium	47-1	29542	29335	32084	30320	5.05	cps
Uranium	238-1	51666	52721	52178	52188	1.01	cps
Vanadium	51-2	48671	46544	47360	47525	2.26	cps
Yttrium	89-1	5290145	5205967	5186935	5227682	1.05	cps
Yttrium	89-2	133515	136389	138689	136198	1.90	cps
Zinc	66-2	13090	12633	12499	12740	2.43	cps
Zirconium	90-1	49223	49500	48613	49112	0.92	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:12:10	DataFile Name :	044SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11105	10638	11006	10916	2.25	cps

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : CCV042 Instrumnet Name : P8
 Client Sample ID : CCV042 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-23 14:18:55 DataFile Name : 046CCV_P8012318 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165234	169163	168851	167749	1.30	cps
Antimony	121-1	3414297	3417385	3393730	3408471	0.38	cps
Arsenic	75-2	29584	28851	30107	29514	2.14	cps
Barium	135-1	3665823	3721765	3598173	3661920	1.69	cps
Barium	137-1	6436500	6408551	6361385	6402145	0.59	cps
Beryllium	9-1	304752	302099	305192	304014	0.55	cps
Bismuth	209-1	4121742	4115628	4153335	4130235	0.49	cps
Bismuth	209-2	945190	951426	949723	948780	0.34	cps
Boron	10-1	34325	34209	35086	34540	1.38	cps
Boron	11-1	158146	164475	165215	162612	2.39	cps
Cadmium	111-1	664389	670429	662478	665765	0.62	cps
Cadmium	106-1	69714	69320	68952	69329	0.55	cps
Cadmium	108-1	47283	47902	47772	47652	0.68	cps
Calcium	43-1	2879375	2905422	2874238	2886345	0.58	cps
Calcium	44-1	46270606	46658558	46634061	46521075	0.47	cps
Chromium	52-2	232541	234311	234547	233799	0.47	cps
Cobalt	59-2	506125	505584	509739	507150	0.45	cps
Copper	63-2	872318	870214	876846	873126	0.39	cps
Dysprosium	156-1	108	42	83	78	43.30	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	83	8	33	42	91.66	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	6052349	6043395	5977071	6024272	0.68	cps
Holmium	165-2	1177570	1182528	1178809	1179636	0.22	cps
Indium	115-1	4277943	4305062	4308336	4297114	0.39	cps
Indium	115-2	166035	162869	166021	164975	1.11	cps
Iron	56-2	38168754	38011665	38355345	38178588	0.45	cps
Iron	57-2	956482	962278	968634	962465	0.63	cps
Lead	206-1	2510094	2503217	2513966	2509092	0.22	cps
Lead	207-1	2289095	2287114	2290041	2288750	0.07	cps
Lead	208-1	10245387	10158767	10191181	10198445	0.43	cps
Lithium	6-1	537256	541688	542598	540514	0.53	cps
Magnesium	24-2	3981835	4020061	3986844	3996246	0.52	cps
Manganese	55-2	130183	132737	133109	132010	1.21	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:18:55	DataFile Name :	046CCV_P8012318 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5353216	5389893	5374730	5372613	0.34	cps
Molybdenum	95-1	6455959	6525463	6455007	6478810	0.62	cps
Molybdenum	96-1	7302356	7395439	7371400	7356398	0.66	cps
Molybdenum	97-1	4067746	4138752	4133472	4113324	0.96	cps
Molybdenum	98-1	10500985	10643195	10539483	10561221	0.70	cps
Neodymium	150-1	180	240	213	211	14.24	cps
Neodymium	150-2	13	20	10	14	35.26	cps
Nickel	60-2	147828	147619	148107	147852	0.17	cps
Phosphorus	31-2	2017	2442	2400	2286	10.25	cps
Potassium	39-2	1064019	1075759	1083167	1074315	0.90	cps
Rhodium	103-1	3824997	3855845	3824365	3835069	0.47	cps
Rhodium	103-2	948407	945329	947766	947167	0.17	cps
Scandium	45-1	2052121	2093251	2084938	2076770	1.05	cps
Scandium	45-2	14668	15265	15372	15102	2.51	cps
Selenium	77-2	180	143	187	170	13.72	cps
Selenium	78-2	657	724	772	718	8.03	cps
Selenium	82-1	37943	38022	38085	38017	0.19	cps
Silicon	28-1	1318108	1326129	1317144	1320460	0.37	cps
Silver	109-1	3137762	3153102	3160777	3150547	0.37	cps
Silver	107-1	3289334	3342460	3280137	3303977	1.02	cps
Sodium	23-2	9237657	9234465	9356549	9276224	0.75	cps
Strontium	86-1	825313	833486	833452	830750	0.57	cps
Strontium	88-1	7218315	7235761	7257599	7237225	0.27	cps
Sulfur	34-1	407383	406258	406945	406862	0.14	cps
Terbium	159-1	6197730	6254663	6199049	6217147	0.52	cps
Terbium	159-2	1122241	1123618	1126183	1124014	0.18	cps
Thallium	203-1	3061120	3046559	3046329	3051336	0.28	cps
Thallium	205-1	7209730	7160649	7191110	7187163	0.34	cps
Tin	118-1	2340277	2330110	2335809	2335399	0.22	cps
Titanium	47-1	1482671	1469096	1474651	1475473	0.46	cps
Uranium	238-1	10451586	10425875	10439656	10439039	0.12	cps
Vanadium	51-2	174032	173061	177390	174828	1.30	cps
Yttrium	89-1	4325077	4310120	4316467	4317222	0.17	cps
Yttrium	89-2	119588	120243	120368	120066	0.35	cps
Zinc	66-2	78363	77418	77853	77878	0.61	cps
Zirconium	90-1	4398546	4468595	4448633	4438592	0.81	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P8
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:18:55	DataFile Name :	046CCV_P8012318 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	973163	979248	977753	976721	0.32	cps

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : CCB042 Instrumnet Name : P8
 Client Sample ID : CCB042 Dilution Factor : 1
 Date & Time Acquired :: 2018-01-23 14:26:22 DataFile Name : 047CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	17	11	86.60	cps
Antimony	121-1	1750	1734	1850	1778	3.55	cps
Arsenic	75-2	0	0	4	1	173.21	cps
Barium	135-1	33	33	8	25	57.75	cps
Barium	137-1	58	50	33	47	26.97	cps
Beryllium	9-1	161	194	211	189	13.48	cps
Bismuth	209-1	4271209	4297511	4327200	4298640	0.65	cps
Bismuth	209-2	994424	994482	998096	995667	0.21	cps
Boron	10-1	692	517	758	656	19.04	cps
Boron	11-1	3534	3634	3551	3573	1.50	cps
Cadmium	111-1	553	593	598	581	4.19	cps
Cadmium	106-1	775	800	808	795	2.18	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	533	542	467	514	8.00	cps
Calcium	44-1	10271	10062	10054	10129	1.21	cps
Chromium	52-2	200	163	220	194	14.78	cps
Cobalt	59-2	50	43	50	48	8.06	cps
Copper	63-2	130	157	103	130	20.51	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	17	33	58	36	58.08	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	5946900	5945961	6025760	5972874	0.77	cps
Holmium	165-2	1169681	1166705	1176376	1170921	0.42	cps
Indium	115-1	4461009	4477282	4466152	4468147	0.19	cps
Indium	115-2	173620	175117	173297	174011	0.56	cps
Iron	56-2	2706	2545	2778	2676	4.46	cps
Iron	57-2	39	67	61	56	26.46	cps
Lead	206-1	600	511	683	598	14.40	cps
Lead	207-1	461	478	539	493	8.31	cps
Lead	208-1	2300	2306	2461	2356	3.88	cps
Lithium	6-1	561419	560045	560062	560509	0.14	cps
Magnesium	24-2	408	333	367	369	10.17	cps
Manganese	55-2	20	27	30	26	19.92	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:26:22	DataFile Name :	047CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	258	292	250	18.56	cps
Molybdenum	95-1	142	208	175	175	19.05	cps
Molybdenum	96-1	275	242	208	242	13.80	cps
Molybdenum	97-1	158	150	167	158	5.26	cps
Molybdenum	98-1	258	267	292	272	6.37	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	543	573	620	579	6.67	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	1767	1817	1592	1725	6.85	cps
Rhodium	103-1	4025229	4031741	4042021	4032997	0.21	cps
Rhodium	103-2	1000095	1002332	1001326	1001251	0.11	cps
Scandium	45-1	2077515	2079416	2050999	2069310	0.77	cps
Scandium	45-2	15422	15142	14865	15143	1.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	2	-15	14	1	2770.39	cps
Silicon	28-1	258840	255140	258554	257511	0.80	cps
Silver	109-1	67	183	100	117	51.51	cps
Silver	107-1	100	117	150	122	20.83	cps
Sodium	23-2	5943	5710	6026	5893	2.79	cps
Strontium	86-1	458	392	467	439	9.37	cps
Strontium	88-1	92	125	117	111	15.61	cps
Sulfur	34-1	256578	254028	254892	255166	0.51	cps
Terbium	159-1	6133413	6163404	6132018	6142945	0.29	cps
Terbium	159-2	1115753	1118048	1116090	1116631	0.11	cps
Thallium	203-1	675	700	483	619	19.14	cps
Thallium	205-1	1425	1150	1150	1242	12.79	cps
Tin	118-1	658	717	600	658	8.86	cps
Titanium	47-1	67	67	42	58	24.74	cps
Uranium	238-1	42	58	42	47	20.38	cps
Vanadium	51-2	7	13	0	7	99.98	cps
Yttrium	89-1	4313374	4324957	4312143	4316825	0.16	cps
Yttrium	89-2	120109	120976	120654	120579	0.36	cps
Zinc	66-2	30	17	13	20	44.10	cps
Zirconium	90-1	367	392	325	361	9.33	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P8
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 14:26:22	DataFile Name :	047CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	92	100	86	20.15	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:29:34	DataFile Name :	048SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20482	21600	20174	20752	3.62	cps
Antimony	121-1	1492	1358	1375	1408	5.16	cps
Arsenic	75-2	109	98	115	107	7.90	cps
Barium	135-1	288975	293501	291193	291223	0.78	cps
Barium	137-1	508561	510093	506672	508442	0.34	cps
Beryllium	9-1	606	567	517	563	7.92	cps
Bismuth	209-1	4438924	4454162	4481111	4458066	0.48	cps
Bismuth	209-2	1028280	939044	1031354	999559	5.25	cps
Boron	10-1	650	658	525	611	12.22	cps
Boron	11-1	3309	2850	3067	3075	7.46	cps
Cadmium	111-1	965	993	1058	1005	4.71	cps
Cadmium	106-1	933	917	1133	995	12.13	cps
Cadmium	108-1	54	17	33	35	54.11	cps
Calcium	43-1	27102	26818	26434	26785	1.25	cps
Calcium	44-1	433184	428469	432242	431298	0.58	cps
Chromium	52-2	6518	6235	6382	6378	2.22	cps
Cobalt	59-2	2550	2484	2417	2484	2.69	cps
Copper	63-2	3987	4331	4251	4190	4.29	cps
Dysprosium	156-1	18589	18339	18731	18553	1.07	cps
Dysprosium	156-2	3461	3564	3544	3523	1.56	cps
Erbium	164-1	14175	13883	13282	13780	3.30	cps
Erbium	164-2	2617	2627	2324	2523	6.83	cps
Gadolinium	160-1	16703	17003	16428	16711	1.72	cps
Gadolinium	160-2	4341	4097	4377	4272	3.56	cps
Holmium	165-1	6276514	6223457	6267473	6255815	0.45	cps
Holmium	165-2	1213210	1113538	1216153	1180967	4.95	cps
Indium	115-1	4649340	4660864	4611721	4640642	0.55	cps
Indium	115-2	179139	166226	178267	174544	4.13	cps
Iron	56-2	1296374	1299090	1278542	1291335	0.86	cps
Iron	57-2	32154	32695	32433	32427	0.83	cps
Lead	206-1	118381	119849	117101	118444	1.16	cps
Lead	207-1	97914	96828	97578	97440	0.57	cps
Lead	208-1	458841	457868	457621	458110	0.14	cps
Lithium	6-1	573124	574403	573534	573687	0.11	cps
Magnesium	24-2	14116	13824	13565	13835	1.99	cps
Manganese	55-2	33316	33086	32465	32956	1.34	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:29:34	DataFile Name :	048SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3067	2867	3217	3051	5.76	cps
Molybdenum	95-1	725	725	775	742	3.89	cps
Molybdenum	96-1	1267	1075	1317	1220	10.46	cps
Molybdenum	97-1	508	433	483	475	8.04	cps
Molybdenum	98-1	1067	1050	1108	1075	2.80	cps
Neodymium	150-1	29875	29654	29293	29607	0.99	cps
Neodymium	150-2	3967	3644	3414	3675	7.57	cps
Nickel	60-2	1830	1743	1894	1822	4.13	cps
Phosphorus	31-2	67	50	108	75	40.06	cps
Potassium	39-2	4951	4693	4751	4798	2.82	cps
Rhodium	103-1	4182239	4181250	4209742	4191077	0.39	cps
Rhodium	103-2	1042385	955346	1040146	1012625	4.90	cps
Scandium	45-1	2171523	2130983	2167516	2156674	1.04	cps
Scandium	45-2	15686	14221	15449	15118	5.20	cps
Selenium	77-2	20	20	7	16	49.47	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	49	111	47	69	52.58	cps
Silicon	28-1	2088351	1924841	2160855	2058016	5.87	cps
Silver	109-1	600	625	600	608	2.37	cps
Silver	107-1	683	592	525	600	13.25	cps
Sodium	23-2	7744	8019	7853	7872	1.76	cps
Strontium	86-1	26602	26218	25408	26076	2.34	cps
Strontium	88-1	221538	223824	222461	222608	0.52	cps
Sulfur	34-1	251303	247150	244768	247741	1.33	cps
Terbium	159-1	6418715	6492579	6432219	6447837	0.61	cps
Terbium	159-2	1163297	1064926	1161776	1130000	4.99	cps
Thallium	203-1	1233	1408	1233	1292	7.82	cps
Thallium	205-1	3334	3109	3126	3189	3.93	cps
Tin	118-1	3059	2859	3259	3059	6.54	cps
Titanium	47-1	5293	6389	20604	10762	79.36	cps
Uranium	238-1	20618	21661	20852	21044	2.60	cps
Vanadium	51-2	4011	3931	4134	4025	2.55	cps
Yttrium	89-1	4714528	4642645	4658123	4671766	0.81	cps
Yttrium	89-2	128617	118703	129214	125511	4.70	cps
Zinc	66-2	2814	2900	2727	2814	3.08	cps
Zirconium	90-1	6619	7604	8591	7605	12.97	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-01DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:29:34	DataFile Name :	048SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1550	1409	1392	1450	6.00	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:32:44	DataFile Name :	049SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18238	18805	18947	18663	2.01	cps
Antimony	121-1	1083	1433	1425	1314	15.20	cps
Arsenic	75-2	67	78	89	78	14.28	cps
Barium	135-1	290024	296704	296924	294551	1.33	cps
Barium	137-1	513613	521709	523583	519635	1.02	cps
Beryllium	9-1	450	444	494	463	5.92	cps
Bismuth	209-1	4358006	4429153	4513081	4433413	1.75	cps
Bismuth	209-2	1031077	1026197	1040674	1032649	0.71	cps
Boron	10-1	550	508	567	542	5.55	cps
Boron	11-1	2234	2567	2592	2464	8.12	cps
Cadmium	111-1	884	704	918	835	13.76	cps
Cadmium	106-1	967	717	942	875	15.74	cps
Cadmium	108-1	38	21	42	33	33.08	cps
Calcium	43-1	24096	24397	24806	24433	1.46	cps
Calcium	44-1	396738	404453	405807	402333	1.22	cps
Chromium	52-2	9030	9070	9013	9038	0.32	cps
Cobalt	59-2	1703	1713	1673	1697	1.23	cps
Copper	63-2	9727	9690	9884	9767	1.05	cps
Dysprosium	156-1	16177	16836	16344	16453	2.08	cps
Dysprosium	156-2	3257	3124	3087	3156	2.84	cps
Erbium	164-1	12782	12865	12890	12846	0.44	cps
Erbium	164-2	2380	2300	2294	2325	2.08	cps
Gadolinium	160-1	14917	15101	14592	14870	1.73	cps
Gadolinium	160-2	4044	4164	4151	4120	1.60	cps
Holmium	165-1	6178818	6299773	6332225	6270272	1.29	cps
Holmium	165-2	1214836	1213042	1220230	1216036	0.31	cps
Indium	115-1	4476006	4612012	4647131	4578383	1.97	cps
Indium	115-2	177922	175985	179102	177669	0.89	cps
Iron	56-2	898343	892849	892204	894465	0.38	cps
Iron	57-2	23120	23031	22585	22912	1.25	cps
Lead	206-1	107708	111692	107030	108810	2.31	cps
Lead	207-1	87735	91601	90046	89794	2.17	cps
Lead	208-1	416643	426807	422015	421822	1.21	cps
Lithium	6-1	560083	568375	578198	568886	1.59	cps
Magnesium	24-2	11922	11797	11822	11847	0.56	cps
Manganese	55-2	19667	19627	19738	19677	0.28	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:32:44	DataFile Name :	049SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4015	2242	9956	5405	74.76	cps
Molybdenum	95-1	900	825	842	856	4.60	cps
Molybdenum	96-1	1450	1467	1275	1397	7.60	cps
Molybdenum	97-1	525	592	633	583	9.37	cps
Molybdenum	98-1	1283	1567	1575	1475	11.26	cps
Neodymium	150-1	26100	25920	26394	26138	0.92	cps
Neodymium	150-2	3227	3424	3347	3333	2.98	cps
Nickel	60-2	1400	1400	1417	1406	0.68	cps
Phosphorus	31-2	92	58	50	67	33.07	cps
Potassium	39-2	5143	4768	4768	4893	4.43	cps
Rhodium	103-1	4077856	4201756	4201303	4160305	1.72	cps
Rhodium	103-2	1040226	1038690	1039590	1039502	0.07	cps
Scandium	45-1	2113183	2138483	2153269	2134978	0.95	cps
Scandium	45-2	15172	15315	15682	15390	1.71	cps
Selenium	77-2	13	10	17	13	25.01	cps
Selenium	78-2	15	7	7	10	43.26	cps
Selenium	82-1	16	33	32	27	36.38	cps
Silicon	28-1	3144169	5166064	2706669	3672301	35.73	cps
Silver	109-1	558	567	525	550	4.01	cps
Silver	107-1	717	500	600	606	17.91	cps
Sodium	23-2	7719	7903	8253	7958	3.41	cps
Strontium	86-1	24381	23487	24490	24119	2.28	cps
Strontium	88-1	202808	203529	205927	204088	0.80	cps
Sulfur	34-1	234464	236481	236640	235861	0.51	cps
Terbium	159-1	6313120	6445041	6518342	6425501	1.62	cps
Terbium	159-2	1153743	1167321	1171912	1164325	0.81	cps
Thallium	203-1	933	1033	1017	995	5.39	cps
Thallium	205-1	2009	2325	2409	2248	9.39	cps
Tin	118-1	3176	3067	3059	3101	2.10	cps
Titanium	47-1	17768	10441	11913	13374	28.98	cps
Uranium	238-1	21319	21102	22020	21480	2.23	cps
Vanadium	51-2	3847	3717	3864	3809	2.11	cps
Yttrium	89-1	4565265	4648182	4688909	4634119	1.36	cps
Yttrium	89-2	129076	127744	128582	128467	0.52	cps
Zinc	66-2	3280	3200	3257	3246	1.27	cps
Zirconium	90-1	5944	6964	6587	6499	7.94	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-02DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:32:44	DataFile Name :	049SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1275	1517	1383	1392	8.70	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:35:55	DataFile Name :	050SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15192	14550	14316	14686	3.09	cps
Antimony	121-1	1442	1300	1592	1445	10.10	cps
Arsenic	75-2	237	217	231	228	4.61	cps
Barium	135-1	379671	384583	381910	382055	0.64	cps
Barium	137-1	670640	677524	679346	675836	0.68	cps
Beryllium	9-1	583	550	544	559	3.76	cps
Bismuth	209-1	4644723	4614458	4553176	4604119	1.01	cps
Bismuth	209-2	1051479	1057418	1056131	1055009	0.30	cps
Boron	10-1	642	475	533	550	15.38	cps
Boron	11-1	2509	2367	2517	2464	3.42	cps
Cadmium	111-1	1117	1073	1082	1091	2.11	cps
Cadmium	106-1	958	950	925	945	1.84	cps
Cadmium	108-1	42	42	17	33	43.30	cps
Calcium	43-1	34351	34101	33733	34062	0.91	cps
Calcium	44-1	544108	550689	543432	546076	0.73	cps
Chromium	52-2	4474	4724	4634	4611	2.75	cps
Cobalt	59-2	8870	9046	8873	8930	1.13	cps
Copper	63-2	4121	3977	4174	4091	2.49	cps
Dysprosium	156-1	21878	21953	22069	21967	0.44	cps
Dysprosium	156-2	3917	4021	4051	3996	1.75	cps
Erbium	164-1	16670	16878	16061	16536	2.57	cps
Erbium	164-2	3080	3070	2960	3037	2.19	cps
Gadolinium	160-1	19666	19457	19824	19649	0.94	cps
Gadolinium	160-2	5088	5024	5038	5050	0.66	cps
Holmium	165-1	6383918	6551597	6481319	6472278	1.30	cps
Holmium	165-2	1241295	1240983	1244702	1242327	0.17	cps
Indium	115-1	4749969	4726383	4714217	4730190	0.38	cps
Indium	115-2	181686	180194	180551	180810	0.43	cps
Iron	56-2	2507882	2489061	2448260	2481734	1.23	cps
Iron	57-2	60454	60682	60615	60584	0.19	cps
Lead	206-1	119967	118257	119872	119365	0.81	cps
Lead	207-1	102253	99190	99817	100420	1.61	cps
Lead	208-1	470068	464792	464538	466466	0.67	cps
Lithium	6-1	584827	587943	584801	585857	0.31	cps
Magnesium	24-2	14233	13732	13307	13757	3.37	cps
Manganese	55-2	205474	205425	205870	205590	0.12	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:35:55	DataFile Name :	050SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2275	2342	2409	2342	2.85	cps
Molybdenum	95-1	950	1067	900	972	8.80	cps
Molybdenum	96-1	1292	1242	1292	1275	2.26	cps
Molybdenum	97-1	650	683	767	700	8.59	cps
Molybdenum	98-1	1517	1667	1467	1550	6.72	cps
Neodymium	150-1	34319	34586	34740	34548	0.62	cps
Neodymium	150-2	4184	4127	4201	4171	0.92	cps
Nickel	60-2	2740	2800	2604	2715	3.71	cps
Phosphorus	31-2	42	58	92	64	39.85	cps
Potassium	39-2	4217	3876	4092	4062	4.26	cps
Rhodium	103-1	4309695	4270292	4277352	4285779	0.49	cps
Rhodium	103-2	1056178	1056651	1056105	1056311	0.03	cps
Scandium	45-1	2173594	2230470	2203329	2202465	1.29	cps
Scandium	45-2	15669	16300	15996	15988	1.97	cps
Selenium	77-2	17	23	43	28	49.95	cps
Selenium	78-2	7	11	17	12	39.74	cps
Selenium	82-1	11	20	19	16	29.70	cps
Silicon	28-1	1405150	1859814	1377801	1547589	17.49	cps
Silver	109-1	567	625	783	658	17.03	cps
Silver	107-1	592	742	533	622	17.27	cps
Sodium	23-2	7502	7786	7702	7664	1.90	cps
Strontium	86-1	27036	26936	27270	27081	0.63	cps
Strontium	88-1	232952	230655	232543	232050	0.53	cps
Sulfur	34-1	240345	236530	237943	238273	0.81	cps
Terbium	159-1	6605709	6694503	6545630	6615281	1.13	cps
Terbium	159-2	1187600	1186944	1187403	1187316	0.03	cps
Thallium	203-1	650	750	817	739	11.35	cps
Thallium	205-1	1825	1717	1917	1820	5.50	cps
Tin	118-1	2517	2367	2467	2450	3.12	cps
Titanium	47-1	4768	5565	4351	4895	12.60	cps
Uranium	238-1	18431	18431	18214	18359	0.68	cps
Vanadium	51-2	6055	6392	6151	6199	2.80	cps
Yttrium	89-1	4772335	4796073	4778362	4782257	0.26	cps
Yttrium	89-2	132020	129931	131442	131131	0.82	cps
Zinc	66-2	4414	4578	4531	4507	1.87	cps
Zirconium	90-1	5971	5577	4526	5358	13.94	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-03DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:35:55	DataFile Name :	050SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1017	1283	1117	1139	11.83	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:39:06	DataFile Name :	051SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27653	27945	27569	27722	0.71	cps
Antimony	121-1	983	1008	1058	1017	3.76	cps
Arsenic	75-2	248	269	274	264	5.18	cps
Barium	135-1	205799	204133	206291	205408	0.55	cps
Barium	137-1	360285	357495	361534	359772	0.57	cps
Beryllium	9-1	400	322	344	356	11.27	cps
Bismuth	209-1	4610684	4565345	4560536	4578855	0.60	cps
Bismuth	209-2	1045679	1051580	1050704	1049321	0.30	cps
Boron	10-1	492	300	408	400	24.03	cps
Boron	11-1	2100	2109	2309	2172	5.43	cps
Cadmium	111-1	821	862	818	834	2.95	cps
Cadmium	106-1	833	967	892	897	7.45	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	34393	33207	32948	33516	2.30	cps
Calcium	44-1	543966	547585	548271	546607	0.42	cps
Chromium	52-2	4698	4571	4681	4650	1.48	cps
Cobalt	59-2	4761	4631	4518	4636	2.63	cps
Copper	63-2	6702	6622	6818	6714	1.47	cps
Dysprosium	156-1	10571	11314	10538	10808	4.06	cps
Dysprosium	156-2	2260	2370	2190	2274	3.99	cps
Erbium	164-1	8937	8570	8645	8717	2.22	cps
Erbium	164-2	1600	1553	1630	1595	2.42	cps
Gadolinium	160-1	10546	10972	11089	10869	2.63	cps
Gadolinium	160-2	2737	2750	2697	2728	1.02	cps
Holmium	165-1	6473839	6448572	6440164	6454192	0.27	cps
Holmium	165-2	1235909	1240977	1241285	1239390	0.24	cps
Indium	115-1	4735859	4720797	4738847	4731834	0.20	cps
Indium	115-2	179812	183478	182267	181853	1.03	cps
Iron	56-2	2395712	2380121	2382960	2386264	0.35	cps
Iron	57-2	58183	57402	57195	57593	0.90	cps
Lead	206-1	90420	90364	91528	90771	0.72	cps
Lead	207-1	74205	74742	74993	74647	0.54	cps
Lead	208-1	350155	350264	351545	350655	0.22	cps
Lithium	6-1	582127	574435	575902	577488	0.71	cps
Magnesium	24-2	23813	22928	23971	23570	2.39	cps
Manganese	55-2	7075	6912	6885	6957	1.48	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:39:06	DataFile Name :	051SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6969	6819	6869	6885	1.11	cps
Molybdenum	95-1	525	433	408	456	13.48	cps
Molybdenum	96-1	1650	1734	1775	1720	3.70	cps
Molybdenum	97-1	433	408	350	397	10.77	cps
Molybdenum	98-1	792	825	783	800	2.76	cps
Neodymium	150-1	20657	21825	21645	21376	2.94	cps
Neodymium	150-2	2630	2720	2684	2678	1.69	cps
Nickel	60-2	3267	3511	3117	3298	6.02	cps
Phosphorus	31-2	83	25	50	53	55.46	cps
Potassium	39-2	4551	4759	4659	4657	2.24	cps
Rhodium	103-1	4288610	4263653	4242305	4264856	0.54	cps
Rhodium	103-2	1049967	1068836	1060378	1059727	0.89	cps
Scandium	45-1	2235847	2193115	2213535	2214166	0.97	cps
Scandium	45-2	15996	16607	15892	16165	2.39	cps
Selenium	77-2	20	10	7	12	56.76	cps
Selenium	78-2	6	13	7	9	44.56	cps
Selenium	82-1	15	1	3	7	115.67	cps
Silicon	28-1	1441559	1424399	1549907	1471955	4.62	cps
Silver	109-1	242	233	167	214	19.22	cps
Silver	107-1	233	275	258	256	8.20	cps
Sodium	23-2	10196	9987	10488	10224	2.46	cps
Strontium	86-1	30819	29257	29691	29923	2.70	cps
Strontium	88-1	249680	249752	246974	248802	0.64	cps
Sulfur	34-1	256527	255031	252093	254550	0.89	cps
Terbium	159-1	6602909	6608974	6528072	6579985	0.68	cps
Terbium	159-2	1178147	1188717	1184530	1183798	0.45	cps
Thallium	203-1	942	825	883	883	6.60	cps
Thallium	205-1	1959	2000	1809	1922	5.24	cps
Tin	118-1	2859	3251	3134	3081	6.53	cps
Titanium	47-1	15626	17233	15142	16001	6.84	cps
Uranium	238-1	6660	6677	6836	6724	1.44	cps
Vanadium	51-2	5578	5394	5308	5427	2.54	cps
Yttrium	89-1	4757068	4733410	4709473	4733317	0.50	cps
Yttrium	89-2	128780	130542	129783	129702	0.68	cps
Zinc	66-2	5211	4971	5161	5114	2.48	cps
Zirconium	90-1	18246	18038	17612	17965	1.80	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-04DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A81	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:39:06	DataFile Name :	051SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3984	4059	4001	4015	0.98	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:42:18	DataFile Name :	052SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27210	27018	27002	27077	0.43	cps
Antimony	121-1	983	950	1008	981	2.98	cps
Arsenic	75-2	626	596	663	628	5.32	cps
Barium	135-1	195522	195389	197836	196249	0.70	cps
Barium	137-1	342631	344031	343542	343402	0.21	cps
Beryllium	9-1	922	995	1028	982	5.50	cps
Bismuth	209-1	4554481	4510200	4409541	4491407	1.65	cps
Bismuth	209-2	1044921	1041775	1036035	1040910	0.43	cps
Boron	10-1	467	458	492	472	3.67	cps
Boron	11-1	1859	1984	1942	1928	3.30	cps
Cadmium	111-1	887	910	888	895	1.43	cps
Cadmium	106-1	1033	917	858	936	9.52	cps
Cadmium	108-1	58	46	42	49	17.85	cps
Calcium	43-1	86491	87171	85359	86340	1.06	cps
Calcium	44-1	1425575	1425590	1435979	1429048	0.42	cps
Chromium	52-2	5471	5284	5408	5388	1.76	cps
Cobalt	59-2	17124	16967	17171	17087	0.62	cps
Copper	63-2	20949	21063	20676	20896	0.95	cps
Dysprosium	156-1	30762	30194	30211	30389	1.06	cps
Dysprosium	156-2	6375	6035	6092	6167	2.96	cps
Erbium	164-1	25952	26303	26737	26330	1.49	cps
Erbium	164-2	4908	4721	4631	4753	2.97	cps
Gadolinium	160-1	28064	29960	28708	28911	3.34	cps
Gadolinium	160-2	7692	7499	7592	7595	1.27	cps
Holmium	165-1	6477345	6391769	6330260	6399791	1.15	cps
Holmium	165-2	1242410	1229744	1233181	1235112	0.53	cps
Indium	115-1	4819495	4684250	4660657	4721467	1.82	cps
Indium	115-2	183512	180635	180068	181405	1.02	cps
Iron	56-2	5643475	5600352	5617728	5620518	0.39	cps
Iron	57-2	141534	139103	140950	140529	0.90	cps
Lead	206-1	102303	103418	100725	102149	1.32	cps
Lead	207-1	82405	84826	82758	83330	1.57	cps
Lead	208-1	388384	397189	389214	391596	1.24	cps
Lithium	6-1	577697	575178	570887	574587	0.60	cps
Magnesium	24-2	102634	98381	101729	100915	2.22	cps
Manganese	55-2	81905	82173	80550	81543	1.07	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:42:18	DataFile Name :	052SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5601	5626	5560	5596	0.60	cps
Molybdenum	95-1	1075	900	875	950	11.47	cps
Molybdenum	96-1	2000	1975	2059	2011	2.13	cps
Molybdenum	97-1	658	758	583	667	13.17	cps
Molybdenum	98-1	1700	1575	1450	1575	7.94	cps
Neodymium	150-1	40122	40770	41854	40915	2.14	cps
Neodymium	150-2	5074	5064	4918	5019	1.75	cps
Nickel	60-2	8606	8293	8433	8444	1.86	cps
Phosphorus	31-2	58	50	92	67	33.07	cps
Potassium	39-2	10304	10221	10037	10187	1.34	cps
Rhodium	103-1	4289083	4249923	4237571	4258859	0.63	cps
Rhodium	103-2	1061575	1058145	1049628	1056449	0.58	cps
Scandium	45-1	2252936	2218706	2180255	2217299	1.64	cps
Scandium	45-2	15989	15762	15986	15913	0.82	cps
Selenium	77-2	23	17	13	18	28.64	cps
Selenium	78-2	11	7	19	12	45.82	cps
Selenium	82-1	16	-11	36	14	169.09	cps
Silicon	28-1	1537533	1532435	1522200	1530722	0.51	cps
Silver	109-1	200	258	308	256	21.22	cps
Silver	107-1	233	208	342	261	27.14	cps
Sodium	23-2	20958	19514	20332	20268	3.57	cps
Strontium	86-1	48219	46380	46614	47071	2.13	cps
Strontium	88-1	402310	406191	403964	404155	0.48	cps
Sulfur	34-1	257986	256131	254264	256127	0.73	cps
Terbium	159-1	6713499	6655290	6482567	6617119	1.82	cps
Terbium	159-2	1197808	1181255	1174310	1184458	1.02	cps
Thallium	203-1	1375	1158	1142	1225	10.63	cps
Thallium	205-1	2809	2942	2942	2898	2.66	cps
Tin	118-1	4468	4068	4109	4215	5.22	cps
Titanium	47-1	8053	7411	8136	7866	5.05	cps
Uranium	238-1	9930	10013	9621	9854	2.10	cps
Vanadium	51-2	7889	7402	7599	7630	3.21	cps
Yttrium	89-1	4982358	4907472	4854140	4914657	1.31	cps
Yttrium	89-2	135998	135679	134473	135384	0.59	cps
Zinc	66-2	5031	5151	5068	5083	1.21	cps
Zirconium	90-1	13674	13774	13983	13810	1.14	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-05DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A82	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:42:18	DataFile Name :	052SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2884	2784	2784	2817	2.05	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:45:29	DataFile Name :	053SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17687	17545	18313	17848	2.29	cps
Antimony	121-1	800	858	825	828	3.54	cps
Arsenic	75-2	498	494	443	478	6.49	cps
Barium	135-1	192558	196563	194137	194420	1.04	cps
Barium	137-1	343393	339460	339227	340693	0.69	cps
Beryllium	9-1	650	472	683	602	18.86	cps
Bismuth	209-1	4282990	4469542	4445156	4399229	2.30	cps
Bismuth	209-2	1040643	1033065	1036547	1036752	0.37	cps
Boron	10-1	450	392	333	392	14.89	cps
Boron	11-1	1867	1800	1550	1739	9.60	cps
Cadmium	111-1	988	976	897	954	5.19	cps
Cadmium	106-1	1025	1025	908	986	6.83	cps
Cadmium	108-1	25	29	50	35	38.57	cps
Calcium	43-1	123926	123591	125717	124411	0.92	cps
Calcium	44-1	2091894	2083243	2063703	2079613	0.69	cps
Chromium	52-2	3851	3817	3757	3808	1.24	cps
Cobalt	59-2	7566	7782	7629	7659	1.46	cps
Copper	63-2	14895	14875	15028	14933	0.56	cps
Dysprosium	156-1	19232	19440	20175	19615	2.52	cps
Dysprosium	156-2	4131	4021	4074	4075	1.35	cps
Erbium	164-1	17187	16403	15910	16500	3.90	cps
Erbium	164-2	3074	3094	3020	3063	1.24	cps
Gadolinium	160-1	18322	18664	18589	18525	0.97	cps
Gadolinium	160-2	4598	4808	4821	4742	2.64	cps
Holmium	165-1	6031701	6319472	6350930	6234034	2.82	cps
Holmium	165-2	1230538	1230024	1229050	1229870	0.06	cps
Indium	115-1	4475375	4672981	4633152	4593836	2.27	cps
Indium	115-2	180684	178593	178441	179239	0.70	cps
Iron	56-2	2614647	2609037	2598851	2607511	0.31	cps
Iron	57-2	63673	62992	63913	63526	0.75	cps
Lead	206-1	80660	81214	80940	80938	0.34	cps
Lead	207-1	66329	66452	66161	66314	0.22	cps
Lead	208-1	311598	311593	311857	311683	0.05	cps
Lithium	6-1	545487	566323	570514	560775	2.39	cps
Magnesium	24-2	75576	73943	73884	74467	1.29	cps
Manganese	55-2	34105	33209	33798	33704	1.35	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:45:29	DataFile Name :	053SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4401	4376	4459	4412	0.97	cps
Molybdenum	95-1	175	225	267	222	20.65	cps
Molybdenum	96-1	1175	992	1125	1097	8.64	cps
Molybdenum	97-1	192	142	258	197	29.68	cps
Molybdenum	98-1	292	333	342	322	8.31	cps
Neodymium	150-1	29374	29735	30329	29812	1.62	cps
Neodymium	150-2	3494	3891	3737	3707	5.40	cps
Nickel	60-2	5901	5658	5971	5844	2.82	cps
Phosphorus	31-2	33	17	83	44	78.07	cps
Potassium	39-2	7727	7402	7594	7575	2.16	cps
Rhodium	103-1	4016159	4210562	4189856	4138859	2.58	cps
Rhodium	103-2	1053454	1051041	1048992	1051162	0.21	cps
Scandium	45-1	2093757	2194228	2191814	2159933	2.65	cps
Scandium	45-2	16306	15846	15916	16023	1.55	cps
Selenium	77-2	30	7	27	21	59.77	cps
Selenium	78-2	6	4	9	6	45.85	cps
Selenium	82-1	-22	-64	4	-27	-126.38	cps
Silicon	28-1	1456438	1415303	1524806	1465515	3.77	cps
Silver	109-1	275	258	267	267	3.13	cps
Silver	107-1	242	275	308	275	12.12	cps
Sodium	23-2	18621	18972	18972	18855	1.07	cps
Strontium	86-1	51222	50051	50244	50505	1.24	cps
Strontium	88-1	441267	439359	438207	439611	0.35	cps
Sulfur	34-1	242402	242724	246253	243793	0.88	cps
Terbium	159-1	6199179	6459150	6457377	6371902	2.35	cps
Terbium	159-2	1178350	1175098	1174679	1176042	0.17	cps
Thallium	203-1	1092	1158	1025	1092	6.11	cps
Thallium	205-1	2434	2500	2550	2495	2.35	cps
Tin	118-1	3726	3851	3434	3670	5.83	cps
Titanium	47-1	7787	7340	6845	7324	6.44	cps
Uranium	238-1	9237	8920	8854	9004	2.28	cps
Vanadium	51-2	4654	4908	4881	4814	2.89	cps
Yttrium	89-1	4547034	4804322	4737185	4696180	2.84	cps
Yttrium	89-2	131882	131018	130621	131173	0.49	cps
Zinc	66-2	3314	3514	3374	3400	3.02	cps
Zirconium	90-1	12859	12340	17305	14168	19.26	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-06DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A83	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:45:29	DataFile Name :	053SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2775	2667	2692	2712	2.09	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:48:39	DataFile Name :	054SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28947	29014	28079	28680	1.82	cps
Antimony	121-1	1558	1659	1742	1653	5.55	cps
Arsenic	75-2	826	817	883	842	4.29	cps
Barium	135-1	244292	241414	243247	242984	0.60	cps
Barium	137-1	425151	420444	422696	422763	0.56	cps
Beryllium	9-1	800	872	778	817	6.05	cps
Bismuth	209-1	4532141	4498454	4471999	4500865	0.67	cps
Bismuth	209-2	1045590	1044355	1038913	1042953	0.34	cps
Boron	10-1	417	367	417	400	7.22	cps
Boron	11-1	1642	1875	1600	1706	8.69	cps
Cadmium	111-1	836	1007	1071	971	12.50	cps
Cadmium	106-1	858	908	975	914	6.40	cps
Cadmium	108-1	63	42	46	50	22.05	cps
Calcium	43-1	106350	106661	105528	106180	0.55	cps
Calcium	44-1	1775313	1764972	1791718	1777334	0.76	cps
Chromium	52-2	6332	6362	6548	6414	1.83	cps
Cobalt	59-2	10231	10598	10161	10330	2.27	cps
Copper	63-2	21894	22555	22338	22262	1.51	cps
Dysprosium	156-1	21694	22495	21710	21967	2.08	cps
Dysprosium	156-2	4854	4868	4774	4832	1.05	cps
Erbium	164-1	17897	17512	17170	17526	2.07	cps
Erbium	164-2	3277	3104	3304	3228	3.36	cps
Gadolinium	160-1	22270	21928	21761	21986	1.18	cps
Gadolinium	160-2	5635	5888	5981	5835	3.08	cps
Holmium	165-1	6420269	6317102	6334333	6357235	0.87	cps
Holmium	165-2	1244575	1239370	1229663	1237870	0.61	cps
Indium	115-1	4675981	4698419	4700037	4691479	0.29	cps
Indium	115-2	182279	182005	182429	182238	0.12	cps
Iron	56-2	5820565	5806740	5785237	5804181	0.31	cps
Iron	57-2	145142	145215	145119	145159	0.03	cps
Lead	206-1	186560	186038	188078	186892	0.57	cps
Lead	207-1	154714	153927	154754	154465	0.30	cps
Lead	208-1	726192	719873	726206	724090	0.50	cps
Lithium	6-1	571759	570477	571225	571153	0.11	cps
Magnesium	24-2	88073	87544	86874	87497	0.69	cps
Manganese	55-2	31796	31282	31612	31564	0.83	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:48:39	DataFile Name :	054SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7111	7127	7269	7169	1.21	cps
Molybdenum	95-1	1108	1083	1067	1086	1.93	cps
Molybdenum	96-1	2517	2584	2334	2478	5.23	cps
Molybdenum	97-1	658	758	642	686	9.20	cps
Molybdenum	98-1	1600	1792	1617	1670	6.36	cps
Neodymium	150-1	37400	37481	35689	36857	2.75	cps
Neodymium	150-2	4548	4608	4478	4544	1.43	cps
Nickel	60-2	8006	7882	8036	7975	1.02	cps
Phosphorus	31-2	67	50	108	75	40.06	cps
Potassium	39-2	9670	9379	9687	9579	1.81	cps
Rhodium	103-1	4242674	4224871	4238907	4235484	0.22	cps
Rhodium	103-2	1061918	1055085	1059822	1058942	0.33	cps
Scandium	45-1	2189006	2181583	2213030	2194539	0.75	cps
Scandium	45-2	15939	15889	15672	15834	0.90	cps
Selenium	77-2	10	17	10	12	31.50	cps
Selenium	78-2	11	7	9	9	19.98	cps
Selenium	82-1	45	10	38	31	58.71	cps
Silicon	28-1	1450202	1456649	1430031	1445627	0.96	cps
Silver	109-1	383	342	325	350	8.58	cps
Silver	107-1	417	408	392	406	3.14	cps
Sodium	23-2	19990	20274	19355	19873	2.37	cps
Strontium	86-1	59523	58894	59765	59394	0.76	cps
Strontium	88-1	518809	521048	518710	519522	0.25	cps
Sulfur	34-1	258040	252888	258233	256387	1.18	cps
Terbium	159-1	6593579	6569945	6568453	6577326	0.21	cps
Terbium	159-2	1191250	1194580	1185762	1190531	0.37	cps
Thallium	203-1	1067	1267	975	1103	13.53	cps
Thallium	205-1	2834	2759	2984	2859	4.01	cps
Tin	118-1	4726	4226	4559	4504	5.66	cps
Titanium	47-1	11605	11831	11447	11628	1.66	cps
Uranium	238-1	15202	15302	15535	15346	1.12	cps
Vanadium	51-2	8816	8503	9243	8854	4.20	cps
Yttrium	89-1	4756897	4772335	4783468	4770900	0.28	cps
Yttrium	89-2	132997	133377	132616	132997	0.29	cps
Zinc	66-2	5471	5541	5471	5495	0.74	cps
Zirconium	90-1	18906	19106	18279	18764	2.30	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-07DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A84	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:48:39	DataFile Name :	054SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4293	4584	4559	4479	3.61	cps

LB Number : LB92850 Operator : Jaswal
 Lab Sample ID : J1227-08DLX2 Instrumnet Name : P8
 Client Sample ID : MF6A85 Dilution Factor : 2
 Date & Time Acquired :: 2018-01-23 14:51:49 DataFile Name : 055SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22819	22877	22953	22883	0.29	cps
Antimony	121-1	1108	1267	1267	1214	7.53	cps
Arsenic	75-2	724	702	680	702	3.17	cps
Barium	135-1	255982	253728	254376	254695	0.46	cps
Barium	137-1	445399	446493	442407	444766	0.48	cps
Beryllium	9-1	628	733	789	717	11.42	cps
Bismuth	209-1	4527390	4489612	4540183	4519062	0.58	cps
Bismuth	209-2	1048683	1036356	1042466	1042502	0.59	cps
Boron	10-1	358	400	317	358	11.63	cps
Boron	11-1	1775	1467	1792	1678	10.91	cps
Cadmium	111-1	1005	1062	973	1014	4.44	cps
Cadmium	106-1	1092	1083	950	1042	7.63	cps
Cadmium	108-1	25	54	42	40	36.33	cps
Calcium	43-1	89266	89602	88294	89054	0.76	cps
Calcium	44-1	1476055	1480091	1480408	1478851	0.16	cps
Chromium	52-2	6011	6028	5955	5998	0.64	cps
Cobalt	59-2	10007	10014	9924	9982	0.50	cps
Copper	63-2	28870	28743	28904	28839	0.29	cps
Dysprosium	156-1	20266	20459	20467	20397	0.56	cps
Dysprosium	156-2	4144	3981	3994	4040	2.25	cps
Erbium	164-1	15226	15410	15493	15376	0.89	cps
Erbium	164-2	2790	2990	2944	2908	3.60	cps
Gadolinium	160-1	19382	19198	18589	19056	2.18	cps
Gadolinium	160-2	4791	5131	4848	4923	3.70	cps
Holmium	165-1	6410332	6374713	6340579	6375208	0.55	cps
Holmium	165-2	1238838	1225231	1234244	1232771	0.56	cps
Indium	115-1	4752179	4718207	4665668	4712018	0.93	cps
Indium	115-2	182430	181186	180128	181248	0.64	cps
Iron	56-2	4674004	4640569	4627592	4647388	0.52	cps
Iron	57-2	115564	117155	116768	116496	0.71	cps
Lead	206-1	561318	568344	561982	563881	0.69	cps
Lead	207-1	468657	470598	467550	468935	0.33	cps
Lead	208-1	2184485	2186691	2187028	2186068	0.06	cps
Lithium	6-1	577121	573651	566857	572543	0.91	cps
Magnesium	24-2	75391	75217	74219	74942	0.84	cps
Manganese	55-2	66769	67837	67596	67401	0.83	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:51:49	DataFile Name :	055SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4768	5351	5176	5098	5.87	cps
Molybdenum	95-1	1142	975	1050	1056	7.91	cps
Molybdenum	96-1	2225	2042	1992	2086	5.89	cps
Molybdenum	97-1	875	567	825	756	21.90	cps
Molybdenum	98-1	1967	1775	1834	1859	5.29	cps
Neodymium	150-1	32842	33156	32702	32900	0.71	cps
Neodymium	150-2	4277	4297	4177	4251	1.51	cps
Nickel	60-2	7115	6825	6615	6852	3.67	cps
Phosphorus	31-2	50	75	33	53	39.73	cps
Potassium	39-2	9912	9370	8636	9306	6.88	cps
Rhodium	103-1	4276815	4281918	4209321	4256018	0.95	cps
Rhodium	103-2	1058304	1053549	1051344	1054399	0.34	cps
Scandium	45-1	2232884	2219716	2186197	2212933	1.09	cps
Scandium	45-2	15939	16320	15472	15910	2.67	cps
Selenium	77-2	17	17	13	16	12.40	cps
Selenium	78-2	2	13	7	7	75.00	cps
Selenium	82-1	75	-38	40	26	226.39	cps
Silicon	28-1	1347306	1371349	1319834	1346163	1.91	cps
Silver	109-1	283	242	258	261	8.03	cps
Silver	107-1	358	242	267	289	21.26	cps
Sodium	23-2	20507	19856	19397	19920	2.80	cps
Strontium	86-1	59304	60109	59606	59673	0.68	cps
Strontium	88-1	512882	517819	512311	514337	0.59	cps
Sulfur	34-1	251414	254213	254206	253278	0.64	cps
Terbium	159-1	6583729	6526094	6599330	6569718	0.59	cps
Terbium	159-2	1188256	1172709	1172084	1177683	0.78	cps
Thallium	203-1	1042	1017	1067	1042	2.40	cps
Thallium	205-1	2717	2567	2742	2675	3.54	cps
Tin	118-1	5401	5426	5676	5501	2.77	cps
Titanium	47-1	7294	7019	7803	7372	5.39	cps
Uranium	238-1	10021	10363	10163	10182	1.69	cps
Vanadium	51-2	7699	7702	7595	7666	0.79	cps
Yttrium	89-1	4756757	4779223	4730136	4755372	0.52	cps
Yttrium	89-2	133053	131435	129611	131366	1.31	cps
Zinc	66-2	5361	5358	5194	5304	1.80	cps
Zirconium	90-1	12023	11380	12089	11831	3.31	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6A85	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:51:49	DataFile Name :	055SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2575	2492	2692	2586	3.89	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:55:00	DataFile Name :	056SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7227	7486	7010	7241	3.29	cps
Antimony	121-1	800	708	775	761	6.23	cps
Arsenic	75-2	50	48	56	51	7.53	cps
Barium	135-1	113929	114651	112980	113853	0.74	cps
Barium	137-1	197733	198103	197038	197625	0.27	cps
Beryllium	9-1	161	289	206	219	29.68	cps
Bismuth	209-1	4589943	4544686	4571977	4568869	0.50	cps
Bismuth	209-2	1048883	1040697	973644	1021075	4.04	cps
Boron	10-1	425	250	367	347	25.66	cps
Boron	11-1	1425	1659	1583	1556	7.66	cps
Cadmium	111-1	724	629	737	697	8.45	cps
Cadmium	106-1	933	817	975	908	9.04	cps
Cadmium	108-1	13	25	29	22	39.04	cps
Calcium	43-1	110978	110835	109500	110438	0.74	cps
Calcium	44-1	1837468	1847387	1826249	1837035	0.58	cps
Chromium	52-2	2124	2094	1990	2069	3.38	cps
Cobalt	59-2	3294	3494	3200	3329	4.50	cps
Copper	63-2	3921	3877	3837	3878	1.07	cps
Dysprosium	156-1	9445	9704	9954	9701	2.62	cps
Dysprosium	156-2	1977	1984	1994	1985	0.42	cps
Erbium	164-1	7719	7694	7920	7778	1.59	cps
Erbium	164-2	1500	1380	1370	1417	5.11	cps
Gadolinium	160-1	9229	9504	9612	9448	2.09	cps
Gadolinium	160-2	2314	2404	2307	2341	2.31	cps
Holmium	165-1	6489738	6449424	6420618	6453260	0.54	cps
Holmium	165-2	1252741	1242721	1155842	1217101	4.38	cps
Indium	115-1	4785342	4799044	4730524	4771637	0.76	cps
Indium	115-2	184286	181190	168697	178058	4.63	cps
Iron	56-2	1110464	1111001	1119682	1113716	0.46	cps
Iron	57-2	28480	29043	28853	28792	0.99	cps
Lead	206-1	21619	22048	21875	21847	0.99	cps
Lead	207-1	18252	18085	18186	18175	0.46	cps
Lead	208-1	84656	85213	84745	84872	0.35	cps
Lithium	6-1	585638	584265	575061	581655	0.99	cps
Magnesium	24-2	74780	73842	74923	74515	0.79	cps
Manganese	55-2	54014	53934	54345	54098	0.40	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:55:00	DataFile Name :	056SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6611	7112	6118	6613	7.51	cps
Molybdenum	95-1	100	175	158	144	27.26	cps
Molybdenum	96-1	1433	1075	1125	1211	16.02	cps
Molybdenum	97-1	108	167	100	125	29.06	cps
Molybdenum	98-1	183	167	125	158	18.97	cps
Neodymium	150-1	15349	15970	15363	15561	2.28	cps
Neodymium	150-2	1887	1827	1934	1882	2.84	cps
Nickel	60-2	2887	2850	2907	2881	1.00	cps
Phosphorus	31-2	58	75	117	83	36.05	cps
Potassium	39-2	4109	4501	4359	4323	4.59	cps
Rhodium	103-1	4348224	4351149	4250207	4316526	1.33	cps
Rhodium	103-2	1068121	1060257	988149	1038842	4.24	cps
Scandium	45-1	2236472	2226309	2206874	2223218	0.68	cps
Scandium	45-2	15642	15442	14551	15212	3.82	cps
Selenium	77-2	7	13	10	10	33.30	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-33	-14	-62	-36	-66.85	cps
Silicon	28-1	1445989	1484964	1466765	1465906	1.33	cps
Silver	109-1	175	117	125	139	22.71	cps
Silver	107-1	208	192	167	189	11.10	cps
Sodium	23-2	9003	8912	8870	8928	0.76	cps
Strontium	86-1	24289	22645	23938	23624	3.67	cps
Strontium	88-1	206653	205543	201916	204704	1.21	cps
Sulfur	34-1	238166	239776	237299	238414	0.53	cps
Terbium	159-1	6659907	6675399	6558225	6631177	0.96	cps
Terbium	159-2	1196733	1190399	1111304	1166145	4.08	cps
Thallium	203-1	567	375	417	453	22.26	cps
Thallium	205-1	1117	1017	850	995	13.55	cps
Tin	118-1	2117	2175	2150	2148	1.36	cps
Titanium	47-1	19882	18763	21235	19960	6.20	cps
Uranium	238-1	4476	4893	4543	4637	4.83	cps
Vanadium	51-2	1760	1597	1647	1668	5.02	cps
Yttrium	89-1	4801539	4789936	4672530	4754668	1.50	cps
Yttrium	89-2	130715	130183	119260	126719	5.10	cps
Zinc	66-2	1017	1083	1113	1071	4.62	cps
Zirconium	90-1	16953	16644	16219	16605	2.22	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B22	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:55:00	DataFile Name :	056SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4076	3417	3842	3779	8.84	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:58:10	DataFile Name :	057SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32104	31519	29841	31155	3.77	cps
Antimony	121-1	1067	1133	1267	1156	8.81	cps
Arsenic	75-2	420	507	435	454	10.25	cps
Barium	135-1	319856	317200	317696	318251	0.44	cps
Barium	137-1	558096	554180	551997	554758	0.56	cps
Beryllium	9-1	761	817	833	804	4.71	cps
Bismuth	209-1	4585286	4603558	4574269	4587705	0.32	cps
Bismuth	209-2	1053965	1043061	1047144	1048057	0.53	cps
Boron	10-1	408	367	367	381	6.32	cps
Boron	11-1	1784	1959	1667	1803	8.14	cps
Cadmium	111-1	1410	1332	1302	1348	4.12	cps
Cadmium	106-1	1000	983	933	972	3.57	cps
Cadmium	108-1	88	104	79	90	14.10	cps
Calcium	43-1	343899	334371	337473	338581	1.44	cps
Calcium	44-1	5575259	5524963	5498124	5532782	0.71	cps
Chromium	52-2	6628	6835	6675	6713	1.62	cps
Cobalt	59-2	9227	9690	9387	9434	2.50	cps
Copper	63-2	21520	21186	21547	21418	0.94	cps
Dysprosium	156-1	29092	30036	29400	29509	1.63	cps
Dysprosium	156-2	6065	6058	5918	6014	1.38	cps
Erbium	164-1	23931	22871	23564	23455	2.30	cps
Erbium	164-2	4508	4197	4274	4326	3.73	cps
Gadolinium	160-1	27747	27989	27538	27758	0.81	cps
Gadolinium	160-2	7135	7142	7209	7162	0.57	cps
Holmium	165-1	6533471	6503704	6490633	6509269	0.34	cps
Holmium	165-2	1246145	1233036	1243524	1240902	0.56	cps
Indium	115-1	4766706	4761251	4728165	4752041	0.44	cps
Indium	115-2	179597	177435	179053	178695	0.63	cps
Iron	56-2	5039257	5032076	5082156	5051163	0.54	cps
Iron	57-2	125992	127108	123940	125680	1.28	cps
Lead	206-1	97275	94477	94824	95525	1.60	cps
Lead	207-1	78558	78207	76412	77726	1.48	cps
Lead	208-1	370729	367152	364282	367388	0.88	cps
Lithium	6-1	585712	581817	580333	582621	0.48	cps
Magnesium	24-2	119089	119214	118231	118845	0.45	cps
Manganese	55-2	66229	66511	65603	66114	0.70	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:58:10	DataFile Name :	057SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10621	10855	10613	10696	1.28	cps
Molybdenum	95-1	858	783	908	850	7.40	cps
Molybdenum	96-1	2817	2534	2892	2748	6.88	cps
Molybdenum	97-1	642	525	558	575	10.45	cps
Molybdenum	98-1	1367	1300	1433	1367	4.88	cps
Neodymium	150-1	45975	46697	46677	46450	0.89	cps
Neodymium	150-2	5945	5795	5715	5818	2.01	cps
Nickel	60-2	7169	7179	6919	7089	2.08	cps
Phosphorus	31-2	83	67	133	94	36.73	cps
Potassium	39-2	16978	16994	17471	17148	1.63	cps
Rhodium	103-1	4299373	4270313	4270629	4280105	0.39	cps
Rhodium	103-2	1045126	1036199	1038327	1039884	0.45	cps
Scandium	45-1	2251480	2230684	2210761	2230975	0.91	cps
Scandium	45-2	15636	15632	15639	15636	0.02	cps
Selenium	77-2	10	30	27	22	48.22	cps
Selenium	78-2	7	6	15	9	52.86	cps
Selenium	82-1	-30	-28	-9	-22	-51.71	cps
Silicon	28-1	2282296	2710776	2176115	2389729	11.84	cps
Silver	109-1	500	500	458	486	4.95	cps
Silver	107-1	642	625	525	597	10.57	cps
Sodium	23-2	15151	15693	15251	15365	1.88	cps
Strontium	86-1	135844	137325	136729	136632	0.55	cps
Strontium	88-1	1211964	1201712	1193200	1202292	0.78	cps
Sulfur	34-1	242522	243047	241632	242400	0.30	cps
Terbium	159-1	6760355	6687292	6661204	6702950	0.77	cps
Terbium	159-2	1196192	1176442	1179043	1183892	0.91	cps
Thallium	203-1	1800	1900	1750	1817	4.20	cps
Thallium	205-1	4009	4384	4751	4382	8.47	cps
Tin	118-1	4359	4259	4634	4418	4.40	cps
Titanium	47-1	25939	16990	15728	19552	28.47	cps
Uranium	238-1	23590	23423	23231	23415	0.77	cps
Vanadium	51-2	8659	8496	8873	8676	2.18	cps
Yttrium	89-1	4883774	4924021	4866955	4891583	0.60	cps
Yttrium	89-2	130627	131415	132498	131513	0.71	cps
Zinc	66-2	4944	4608	4594	4715	4.21	cps
Zirconium	90-1	28690	28299	28515	28501	0.69	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-10DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B23	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 14:58:10	DataFile Name :	057SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6619	6185	6060	6288	4.66	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:01:21	DataFile Name :	058SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27119	27870	28504	27831	2.49	cps
Antimony	121-1	1217	1117	1233	1189	5.31	cps
Arsenic	75-2	530	600	604	578	7.22	cps
Barium	135-1	254971	254720	252796	254163	0.47	cps
Barium	137-1	447086	443625	443757	444823	0.44	cps
Beryllium	9-1	661	744	689	698	6.08	cps
Bismuth	209-1	4318405	4408694	4529248	4418783	2.39	cps
Bismuth	209-2	1047727	1058704	1046709	1051047	0.63	cps
Boron	10-1	417	392	392	400	3.61	cps
Boron	11-1	1867	1892	1950	1903	2.25	cps
Cadmium	111-1	798	713	726	746	6.20	cps
Cadmium	106-1	983	833	933	917	8.33	cps
Cadmium	108-1	33	42	75	50	44.10	cps
Calcium	43-1	100845	100727	99795	100456	0.57	cps
Calcium	44-1	1679453	1711026	1684104	1691528	1.01	cps
Chromium	52-2	6445	6585	6655	6562	1.63	cps
Cobalt	59-2	9343	9216	9570	9377	1.91	cps
Copper	63-2	20782	20762	21153	20899	1.05	cps
Dysprosium	156-1	29518	30169	28632	29440	2.62	cps
Dysprosium	156-2	5855	5645	5785	5761	1.86	cps
Erbium	164-1	22604	22529	22453	22529	0.33	cps
Erbium	164-2	4314	3854	4181	4116	5.75	cps
Gadolinium	160-1	27054	27747	27246	27349	1.31	cps
Gadolinium	160-2	7309	7232	7372	7304	0.96	cps
Holmium	165-1	6165333	6165475	6440612	6257140	2.54	cps
Holmium	165-2	1243686	1257435	1246195	1249105	0.59	cps
Indium	115-1	4510018	4542181	4716122	4589440	2.42	cps
Indium	115-2	178606	183775	179816	180732	1.50	cps
Iron	56-2	4561083	4563824	4562731	4562546	0.03	cps
Iron	57-2	113513	113245	112949	113236	0.25	cps
Lead	206-1	81421	82400	82003	81941	0.60	cps
Lead	207-1	66580	66976	66736	66764	0.30	cps
Lead	208-1	312943	315498	314131	314191	0.41	cps
Lithium	6-1	555344	557473	582117	564978	2.63	cps
Magnesium	24-2	129771	127559	125474	127601	1.68	cps
Manganese	55-2	35311	35245	34553	35036	1.20	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:01:21	DataFile Name :	058SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9879	9779	9362	9673	2.83	cps
Molybdenum	95-1	925	783	975	895	11.12	cps
Molybdenum	96-1	2525	2534	2509	2523	0.50	cps
Molybdenum	97-1	583	692	617	631	8.80	cps
Molybdenum	98-1	1433	1350	1458	1414	4.01	cps
Neodymium	150-1	45419	46416	45860	45899	1.09	cps
Neodymium	150-2	5835	5638	5428	5634	3.61	cps
Nickel	60-2	7145	7065	7375	7195	2.24	cps
Phosphorus	31-2	92	150	125	122	23.95	cps
Potassium	39-2	13749	14016	14033	13932	1.14	cps
Rhodium	103-1	4053005	4027091	4231384	4103827	2.71	cps
Rhodium	103-2	1051819	1060113	1053609	1055180	0.41	cps
Scandium	45-1	2101436	2084579	2184083	2123366	2.51	cps
Scandium	45-2	15772	16046	15782	15867	0.98	cps
Selenium	77-2	13	27	20	20	33.35	cps
Selenium	78-2	6	24	17	15	60.37	cps
Selenium	82-1	21	5	-51	-8	-460.74	cps
Silicon	28-1	1618535	1623963	1614078	1618859	0.31	cps
Silver	109-1	533	458	367	453	18.44	cps
Silver	107-1	558	608	592	586	4.34	cps
Sodium	23-2	13265	12865	13382	13170	2.06	cps
Strontium	86-1	56133	55991	55647	55924	0.45	cps
Strontium	88-1	495262	488999	488321	490861	0.78	cps
Sulfur	34-1	242174	241066	240216	241152	0.41	cps
Terbium	159-1	6351782	6356625	6643300	6450569	2.59	cps
Terbium	159-2	1186908	1200850	1189830	1192529	0.62	cps
Thallium	203-1	1625	1625	1308	1520	12.03	cps
Thallium	205-1	3609	3634	3351	3531	4.44	cps
Tin	118-1	3867	3651	3717	3745	2.96	cps
Titanium	47-1	22035	21976	21701	21904	0.81	cps
Uranium	238-1	14484	14259	13791	14178	2.49	cps
Vanadium	51-2	6945	7249	7069	7087	2.15	cps
Yttrium	89-1	4694305	4672500	4842987	4736597	1.96	cps
Yttrium	89-2	133236	133801	132125	133054	0.64	cps
Zinc	66-2	4534	4514	4514	4521	0.26	cps
Zirconium	90-1	25275	24590	24456	24774	1.77	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-11DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B24	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:01:21	DataFile Name :	058SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5468	5351	5376	5399	1.14	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:04:31	DataFile Name :	059SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32096	32288	31394	31926	1.47	cps
Antimony	121-1	1125	1233	1108	1156	5.87	cps
Arsenic	75-2	228	220	239	229	4.07	cps
Barium	135-1	294782	287863	283545	288730	1.96	cps
Barium	137-1	509816	506569	499785	505390	1.01	cps
Beryllium	9-1	611	783	628	674	14.09	cps
Bismuth	209-1	4559666	4532858	4569531	4554018	0.42	cps
Bismuth	209-2	1046877	969582	1037255	1017904	4.14	cps
Boron	10-1	275	425	433	378	23.59	cps
Boron	11-1	1959	1825	2034	1939	5.44	cps
Cadmium	111-1	788	823	668	760	10.68	cps
Cadmium	106-1	1025	1008	833	956	11.11	cps
Cadmium	108-1	42	29	33	35	18.33	cps
Calcium	43-1	142431	142694	141355	142160	0.50	cps
Calcium	44-1	2382931	2386994	2366697	2378874	0.45	cps
Chromium	52-2	7555	7579	7576	7570	0.17	cps
Cobalt	59-2	11665	11678	12089	11811	2.04	cps
Copper	63-2	17982	17855	17661	17833	0.90	cps
Dysprosium	156-1	29618	28549	29476	29214	1.99	cps
Dysprosium	156-2	5791	5895	5708	5798	1.61	cps
Erbium	164-1	21285	21710	21059	21352	1.55	cps
Erbium	164-2	4004	4024	3814	3947	2.94	cps
Gadolinium	160-1	27455	26703	27597	27252	1.76	cps
Gadolinium	160-2	7199	7039	7249	7162	1.53	cps
Holmium	165-1	6488395	6437292	6375128	6433605	0.88	cps
Holmium	165-2	1241403	1146909	1235060	1207791	4.37	cps
Indium	115-1	4716073	4701325	4685815	4701071	0.32	cps
Indium	115-2	180421	165196	178908	174842	4.80	cps
Iron	56-2	5057950	5106830	4996143	5053641	1.10	cps
Iron	57-2	125914	128177	125425	126505	1.16	cps
Lead	206-1	80067	79397	78559	79341	0.95	cps
Lead	207-1	64598	64246	63871	64238	0.57	cps
Lead	208-1	306709	301913	301503	303375	0.95	cps
Lithium	6-1	583231	580205	579518	580984	0.34	cps
Magnesium	24-2	151263	150362	148460	150028	0.95	cps
Manganese	55-2	42217	42488	42281	42329	0.33	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:04:31	DataFile Name :	059SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9387	9404	9412	9401	0.14	cps
Molybdenum	95-1	392	375	367	378	3.37	cps
Molybdenum	96-1	2225	1909	2042	2059	7.73	cps
Molybdenum	97-1	317	308	333	319	3.98	cps
Molybdenum	98-1	700	608	692	667	7.60	cps
Neodymium	150-1	47493	47393	46429	47105	1.25	cps
Neodymium	150-2	5758	5875	5785	5806	1.05	cps
Nickel	60-2	8549	8883	8676	8703	1.93	cps
Phosphorus	31-2	108	108	142	119	16.11	cps
Potassium	39-2	15509	16077	15476	15687	2.15	cps
Rhodium	103-1	4276899	4260128	4264884	4267304	0.20	cps
Rhodium	103-2	1053744	968703	1038954	1020467	4.45	cps
Scandium	45-1	2214108	2198012	2173055	2195059	0.94	cps
Scandium	45-2	15802	15148	15702	15551	2.26	cps
Selenium	77-2	27	20	20	22	17.33	cps
Selenium	78-2	7	7	6	7	15.72	cps
Selenium	82-1	69	28	11	36	82.74	cps
Silicon	28-1	1878361	1799055	1902839	1860085	2.92	cps
Silver	109-1	458	450	417	442	4.99	cps
Silver	107-1	500	467	383	450	13.35	cps
Sodium	23-2	14475	14483	14491	14483	0.06	cps
Strontium	86-1	73423	74940	74713	74358	1.10	cps
Strontium	88-1	646623	643305	648484	646138	0.41	cps
Sulfur	34-1	241319	240752	240556	240875	0.16	cps
Terbium	159-1	6608347	6646771	6622532	6625883	0.29	cps
Terbium	159-2	1190578	1091155	1183286	1155006	4.80	cps
Thallium	203-1	1500	1450	1584	1511	4.46	cps
Thallium	205-1	3842	3842	3592	3759	3.84	cps
Tin	118-1	4509	4326	4359	4398	2.22	cps
Titanium	47-1	21017	19230	20659	20302	4.66	cps
Uranium	238-1	15085	14342	15101	14843	2.92	cps
Vanadium	51-2	7305	7302	7395	7334	0.72	cps
Yttrium	89-1	4823975	4807886	4879810	4837224	0.78	cps
Yttrium	89-2	131866	122633	130715	128404	3.92	cps
Zinc	66-2	4821	4814	4768	4801	0.61	cps
Zirconium	90-1	25316	24431	23964	24570	2.80	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-12DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B25	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:04:31	DataFile Name :	059SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5519	5451	5451	5474	0.71	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:07:42	DataFile Name :	060SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20157	20399	19514	20023	2.28	cps
Antimony	121-1	1133	1333	1225	1231	8.14	cps
Arsenic	75-2	465	420	487	457	7.42	cps
Barium	135-1	332585	332823	331775	332394	0.17	cps
Barium	137-1	584863	581904	583249	583339	0.25	cps
Beryllium	9-1	517	511	461	496	6.17	cps
Bismuth	209-1	4547449	4573870	4602441	4574587	0.60	cps
Bismuth	209-2	1040359	1038997	1002487	1027281	2.09	cps
Boron	10-1	317	317	317	317	0.00	cps
Boron	11-1	1400	1458	1525	1461	4.28	cps
Cadmium	111-1	824	957	816	866	9.17	cps
Cadmium	106-1	950	1150	842	981	15.95	cps
Cadmium	108-1	71	63	75	69	9.16	cps
Calcium	43-1	228727	231445	227727	229300	0.84	cps
Calcium	44-1	3796386	3800570	3753976	3783644	0.68	cps
Chromium	52-2	5451	5675	5555	5560	2.01	cps
Cobalt	59-2	7482	7369	7215	7355	1.82	cps
Copper	63-2	12372	12129	12252	12251	0.99	cps
Dysprosium	156-1	20993	20692	21418	21034	1.73	cps
Dysprosium	156-2	4211	4044	4307	4187	3.18	cps
Erbium	164-1	16394	15810	16428	16211	2.14	cps
Erbium	164-2	2954	3030	3110	3032	2.58	cps
Gadolinium	160-1	20383	18948	20425	19919	4.22	cps
Gadolinium	160-2	5114	5214	5251	5193	1.36	cps
Holmium	165-1	6453933	6470564	6467473	6463990	0.14	cps
Holmium	165-2	1236936	1223088	1189200	1216408	2.02	cps
Indium	115-1	4714704	4707572	4670526	4697601	0.50	cps
Indium	115-2	179763	177576	170413	175917	2.78	cps
Iron	56-2	3630422	3588753	3546146	3588440	1.17	cps
Iron	57-2	89172	88642	86909	88241	1.34	cps
Lead	206-1	57213	58117	57810	57713	0.80	cps
Lead	207-1	47456	47840	47606	47634	0.41	cps
Lead	208-1	223491	224238	222642	223457	0.36	cps
Lithium	6-1	580219	578393	581194	579935	0.25	cps
Magnesium	24-2	95461	96721	96056	96079	0.66	cps
Manganese	55-2	64046	63088	62666	63267	1.12	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:07:42	DataFile Name :	060SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12239	12390	12290	12306	0.62	cps
Molybdenum	95-1	1634	1375	1433	1481	9.15	cps
Molybdenum	96-1	3576	3742	3717	3678	2.44	cps
Molybdenum	97-1	1075	1067	908	1017	9.24	cps
Molybdenum	98-1	2750	2384	2325	2486	9.27	cps
Neodymium	150-1	33691	33851	33236	33593	0.95	cps
Neodymium	150-2	4094	4181	4174	4150	1.16	cps
Nickel	60-2	5301	5535	5414	5417	2.15	cps
Phosphorus	31-2	133	75	92	100	30.05	cps
Potassium	39-2	10096	10037	10204	10112	0.84	cps
Rhodium	103-1	4219011	4245525	4270555	4245030	0.61	cps
Rhodium	103-2	1044183	1040125	1000662	1028323	2.34	cps
Scandium	45-1	2200744	2188158	2194254	2194385	0.29	cps
Scandium	45-2	15646	15112	15108	15289	2.02	cps
Selenium	77-2	13	17	33	21	50.75	cps
Selenium	78-2	7	6	7	7	15.72	cps
Selenium	82-1	-30	12	31	5	675.19	cps
Silicon	28-1	1698263	1758478	1762420	1739720	2.07	cps
Silver	109-1	192	300	417	303	37.16	cps
Silver	107-1	350	292	283	308	11.78	cps
Sodium	23-2	13190	13565	13474	13410	1.46	cps
Strontium	86-1	60836	60853	60903	60864	0.06	cps
Strontium	88-1	528842	530879	522660	527460	0.81	cps
Sulfur	34-1	242765	244469	242370	243201	0.46	cps
Terbium	159-1	6601330	6565177	6594195	6586901	0.29	cps
Terbium	159-2	1177521	1168478	1129870	1158623	2.18	cps
Thallium	203-1	1192	1167	1033	1131	7.53	cps
Thallium	205-1	2625	2367	2842	2612	9.11	cps
Tin	118-1	3592	3292	3359	3414	4.62	cps
Titanium	47-1	18832	17954	18307	18364	2.40	cps
Uranium	238-1	12048	12649	12632	12443	2.75	cps
Vanadium	51-2	5561	5521	5475	5519	0.79	cps
Yttrium	89-1	4749168	4741159	4717001	4735776	0.35	cps
Yttrium	89-2	129217	129416	124008	127547	2.40	cps
Zinc	66-2	3140	3437	3120	3233	5.49	cps
Zirconium	90-1	31396	30226	30644	30755	1.93	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-13DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B26	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:07:42	DataFile Name :	060SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6861	6602	6877	6780	2.28	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:10:52	DataFile Name :	061SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22435	22560	21909	22302	1.55	cps
Antimony	121-1	4134	4051	4284	4156	2.85	cps
Arsenic	75-2	769	739	820	776	5.31	cps
Barium	135-1	411544	402375	411883	408601	1.32	cps
Barium	137-1	723063	717535	711565	717388	0.80	cps
Beryllium	9-1	783	733	833	783	6.38	cps
Bismuth	209-1	4499501	4597773	4532035	4543103	1.10	cps
Bismuth	209-2	963521	1031301	1037624	1010815	4.06	cps
Boron	10-1	300	350	308	319	8.39	cps
Boron	11-1	1200	1175	1200	1192	1.21	cps
Cadmium	111-1	1861	1950	1884	1898	2.42	cps
Cadmium	106-1	925	1117	1067	1036	9.60	cps
Cadmium	108-1	142	171	125	146	15.91	cps
Calcium	43-1	178156	177485	176284	177308	0.53	cps
Calcium	44-1	2978089	2951655	2896668	2942137	1.41	cps
Chromium	52-2	36227	35335	35268	35610	1.50	cps
Cobalt	59-2	16557	16283	16083	16308	1.46	cps
Copper	63-2	26192	25694	25393	25760	1.56	cps
Dysprosium	156-1	24891	24056	23889	24279	2.21	cps
Dysprosium	156-2	4381	4301	4334	4339	0.93	cps
Erbium	164-1	17120	17370	16845	17112	1.54	cps
Erbium	164-2	2860	3117	3140	3039	5.11	cps
Gadolinium	160-1	19808	19691	20158	19885	1.22	cps
Gadolinium	160-2	4901	5114	5004	5007	2.13	cps
Holmium	165-1	6337991	6315431	6353267	6335563	0.30	cps
Holmium	165-2	1136667	1211451	1214061	1187393	3.70	cps
Indium	115-1	4640226	4654186	4697821	4664078	0.64	cps
Indium	115-2	164216	175511	176420	172049	3.95	cps
Iron	56-2	5579892	5515061	5515197	5536717	0.68	cps
Iron	57-2	140860	138004	139149	139338	1.03	cps
Lead	206-1	272374	267714	267666	269251	1.00	cps
Lead	207-1	222800	223703	220354	222286	0.78	cps
Lead	208-1	1039739	1041610	1034573	1038641	0.35	cps
Lithium	6-1	567254	573108	571257	570540	0.52	cps
Magnesium	24-2	20349	19789	19631	19923	1.89	cps
Manganese	55-2	107983	105393	106845	106741	1.22	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:10:52	DataFile Name :	061SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7736	7386	7027	7383	4.80	cps
Molybdenum	95-1	1667	1692	1950	1770	8.87	cps
Molybdenum	96-1	2867	3100	3401	3123	8.56	cps
Molybdenum	97-1	983	1283	992	1086	15.73	cps
Molybdenum	98-1	2759	2817	2834	2803	1.40	cps
Neodymium	150-1	33363	33530	33684	33526	0.48	cps
Neodymium	150-2	4231	4264	3904	4133	4.81	cps
Nickel	60-2	3227	3230	3387	3282	2.79	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	4609	4618	4826	4684	2.62	cps
Rhodium	103-1	4192644	4231500	4210878	4211674	0.46	cps
Rhodium	103-2	956170	1022229	1024480	1000960	3.88	cps
Scandium	45-1	2161514	2176497	2165076	2167695	0.36	cps
Scandium	45-2	13971	15128	15055	14718	4.40	cps
Selenium	77-2	17	13	20	17	20.01	cps
Selenium	78-2	7	9	15	10	36.70	cps
Selenium	82-1	-51	68	49	22	286.27	cps
Silicon	28-1	1893799	1767353	1769241	1810131	4.00	cps
Silver	109-1	508	483	533	508	4.92	cps
Silver	107-1	533	542	558	544	2.34	cps
Sodium	23-2	8895	8228	8395	8506	4.08	cps
Strontium	86-1	92671	90491	89576	90913	1.75	cps
Strontium	88-1	796755	791191	787283	791743	0.60	cps
Sulfur	34-1	245184	241512	244616	243771	0.81	cps
Terbium	159-1	6512158	6526116	6564928	6534401	0.42	cps
Terbium	159-2	1085310	1158556	1163360	1135742	3.85	cps
Thallium	203-1	767	817	792	792	3.16	cps
Thallium	205-1	1800	1884	1842	1842	2.26	cps
Tin	118-1	7994	7853	7669	7839	2.08	cps
Titanium	47-1	5968	5743	7006	6239	10.80	cps
Uranium	238-1	17046	17171	16587	16935	1.82	cps
Vanadium	51-2	12466	12169	12199	12278	1.33	cps
Yttrium	89-1	4614583	4746385	4662298	4674422	1.43	cps
Yttrium	89-2	118113	126254	126351	123573	3.83	cps
Zinc	66-2	64878	63401	63559	63946	1.27	cps
Zirconium	90-1	17720	17445	16636	17267	3.26	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-14DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B12	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:10:52	DataFile Name :	061SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4151	3951	3417	3840	9.88	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:14:03	DataFile Name :	062SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21175	21408	20632	21072	1.89	cps
Antimony	121-1	683	692	708	694	1.83	cps
Arsenic	75-2	233	204	248	228	9.91	cps
Barium	135-1	386237	383016	378332	382528	1.04	cps
Barium	137-1	672719	666979	669863	669854	0.43	cps
Beryllium	9-1	744	606	589	646	13.22	cps
Bismuth	209-1	4559596	4497784	4525615	4527665	0.68	cps
Bismuth	209-2	1034684	1026705	1028687	1030025	0.40	cps
Boron	10-1	200	150	183	178	14.32	cps
Boron	11-1	1067	1267	967	1100	13.89	cps
Cadmium	111-1	743	678	607	676	10.06	cps
Cadmium	106-1	1000	900	842	914	8.76	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	49162	48300	48418	48627	0.96	cps
Calcium	44-1	791881	797589	790057	793176	0.50	cps
Chromium	52-2	3697	3881	3737	3772	2.56	cps
Cobalt	59-2	9900	9623	9490	9671	2.16	cps
Copper	63-2	6912	7072	6648	6877	3.11	cps
Dysprosium	156-1	21059	22220	21176	21485	2.97	cps
Dysprosium	156-2	4287	4167	4137	4197	1.89	cps
Erbium	164-1	17788	17371	17062	17407	2.09	cps
Erbium	164-2	3164	3344	3210	3239	2.88	cps
Gadolinium	160-1	19724	19699	19657	19693	0.17	cps
Gadolinium	160-2	5178	5008	5301	5162	2.85	cps
Holmium	165-1	6351553	6251683	6356805	6320014	0.94	cps
Holmium	165-2	1218328	1211765	1222266	1217453	0.44	cps
Indium	115-1	4666370	4613947	4622133	4634150	0.61	cps
Indium	115-2	175909	176848	174871	175876	0.56	cps
Iron	56-2	3992300	4019257	3982016	3997858	0.48	cps
Iron	57-2	99033	99749	98020	98934	0.88	cps
Lead	206-1	90475	90297	90812	90528	0.29	cps
Lead	207-1	73534	72205	73249	72996	0.96	cps
Lead	208-1	349518	343646	347601	346922	0.86	cps
Lithium	6-1	574219	565412	570580	570070	0.78	cps
Magnesium	24-2	30225	28989	29365	29526	2.15	cps
Manganese	55-2	47434	47320	46614	47123	0.94	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:14:03	DataFile Name :	062SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4051	4126	4218	4131	2.02	cps
Molybdenum	95-1	583	617	658	619	6.07	cps
Molybdenum	96-1	1567	1584	1592	1581	0.81	cps
Molybdenum	97-1	358	400	417	392	7.67	cps
Molybdenum	98-1	1192	1025	1108	1108	7.52	cps
Neodymium	150-1	31077	31338	30122	30846	2.08	cps
Neodymium	150-2	3744	3474	3441	3553	4.68	cps
Nickel	60-2	2920	3167	2870	2986	5.32	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3526	3759	3150	3478	8.83	cps
Rhodium	103-1	4167772	4172864	4193034	4177890	0.32	cps
Rhodium	103-2	1036512	1027848	1033321	1032560	0.42	cps
Scandium	45-1	2160521	2135632	2187516	2161223	1.20	cps
Scandium	45-2	15325	15222	15465	15337	0.80	cps
Selenium	77-2	10	17	17	14	26.66	cps
Selenium	78-2	7	4	9	7	41.70	cps
Selenium	82-1	-17	-2	10	-3	-467.23	cps
Silicon	28-1	1242618	1249815	1239236	1243889	0.43	cps
Silver	109-1	167	275	208	217	25.22	cps
Silver	107-1	317	367	292	325	11.75	cps
Sodium	23-2	9120	8303	9337	8920	6.11	cps
Strontium	86-1	53045	53983	53246	53425	0.92	cps
Strontium	88-1	461026	459684	457560	459423	0.38	cps
Sulfur	34-1	237607	237582	233388	236192	1.03	cps
Terbium	159-1	6594681	6525434	6539424	6553180	0.56	cps
Terbium	159-2	1157467	1158791	1156725	1157661	0.09	cps
Thallium	203-1	675	625	625	642	4.50	cps
Thallium	205-1	1659	1559	1642	1620	3.31	cps
Tin	118-1	3051	3426	3267	3248	5.80	cps
Titanium	47-1	3184	3342	3476	3334	4.38	cps
Uranium	238-1	17947	18289	17438	17891	2.39	cps
Vanadium	51-2	8206	8046	7959	8070	1.55	cps
Yttrium	89-1	4730587	4668665	4743932	4714395	0.85	cps
Yttrium	89-2	127589	128552	129332	128491	0.68	cps
Zinc	66-2	943	1060	893	966	8.86	cps
Zirconium	90-1	10288	10071	9412	9924	4.60	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B13	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:14:03	DataFile Name :	062SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2509	2242	2184	2311	7.50	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:17:14	DataFile Name :	063SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18721	18963	19013	18899	0.83	cps
Antimony	121-1	825	967	717	836	14.99	cps
Arsenic	75-2	191	226	222	213	9.08	cps
Barium	135-1	300740	299427	293759	297975	1.24	cps
Barium	137-1	524521	522179	516027	520909	0.84	cps
Beryllium	9-1	694	845	706	748	11.17	cps
Bismuth	209-1	4518937	4483980	4429894	4477604	1.00	cps
Bismuth	209-2	1029139	1026355	972802	1009432	3.15	cps
Boron	10-1	250	192	158	200	23.20	cps
Boron	11-1	908	850	742	833	10.15	cps
Cadmium	111-1	783	729	714	742	4.84	cps
Cadmium	106-1	975	900	883	920	5.31	cps
Cadmium	108-1	42	25	42	36	26.65	cps
Calcium	43-1	42608	40928	41763	41766	2.01	cps
Calcium	44-1	685127	677466	680936	681176	0.56	cps
Chromium	52-2	3534	3644	3444	3541	2.83	cps
Cobalt	59-2	8910	8960	8679	8850	1.69	cps
Copper	63-2	8326	8199	8032	8186	1.80	cps
Dysprosium	156-1	24574	24950	25050	24858	1.01	cps
Dysprosium	156-2	4981	4961	4934	4959	0.47	cps
Erbium	164-1	19657	20225	19824	19902	1.47	cps
Erbium	164-2	3697	3614	3591	3634	1.54	cps
Gadolinium	160-1	23931	24307	23330	23856	2.07	cps
Gadolinium	160-2	6165	5748	5948	5954	3.50	cps
Holmium	165-1	6350712	6359808	6284868	6331796	0.65	cps
Holmium	165-2	1213032	1211460	1149937	1191476	3.02	cps
Indium	115-1	4636412	4662580	4597728	4632240	0.70	cps
Indium	115-2	177421	176911	168298	174210	2.94	cps
Iron	56-2	2759540	2752691	2752115	2754782	0.15	cps
Iron	57-2	67658	67709	66944	67437	0.63	cps
Lead	206-1	48125	48253	47656	48012	0.65	cps
Lead	207-1	38771	38916	39467	39051	0.94	cps
Lead	208-1	184462	184087	182714	183755	0.50	cps
Lithium	6-1	568269	573130	572580	571326	0.47	cps
Magnesium	24-2	44562	44989	44663	44738	0.50	cps
Manganese	55-2	23510	23520	23310	23447	0.51	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:17:14	DataFile Name :	063SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4926	4434	4418	4593	6.29	cps
Molybdenum	95-1	483	358	408	417	15.10	cps
Molybdenum	96-1	1375	1250	1333	1320	4.82	cps
Molybdenum	97-1	275	283	217	258	14.06	cps
Molybdenum	98-1	817	608	808	745	15.84	cps
Neodymium	150-1	41780	41881	41720	41794	0.19	cps
Neodymium	150-2	5001	5111	5138	5083	1.43	cps
Nickel	60-2	4451	4557	4601	4536	1.70	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	4293	4484	4292	4356	2.54	cps
Rhodium	103-1	4194612	4205133	4190056	4196600	0.18	cps
Rhodium	103-2	1034970	1032113	983175	1016753	2.86	cps
Scandium	45-1	2149570	2150563	2133671	2144602	0.44	cps
Scandium	45-2	15278	15352	14418	15016	3.46	cps
Selenium	77-2	27	17	23	22	22.91	cps
Selenium	78-2	7	6	13	9	44.56	cps
Selenium	82-1	-66	43	14	-3	-2004.30	cps
Silicon	28-1	1425644	1431854	1436962	1431487	0.40	cps
Silver	109-1	92	108	150	117	25.76	cps
Silver	107-1	167	158	192	172	10.07	cps
Sodium	23-2	10271	10121	10438	10276	1.54	cps
Strontium	86-1	50043	49039	49290	49457	1.06	cps
Strontium	88-1	432638	426294	429082	429338	0.74	cps
Sulfur	34-1	234794	234480	231694	233656	0.73	cps
Terbium	159-1	6503768	6514709	6506082	6508187	0.09	cps
Terbium	159-2	1162459	1154794	1102515	1139923	2.86	cps
Thallium	203-1	800	808	633	747	13.21	cps
Thallium	205-1	1575	1625	1500	1567	4.02	cps
Tin	118-1	3402	3201	2759	3120	10.54	cps
Titanium	47-1	9887	9462	9745	9698	2.23	cps
Uranium	238-1	8895	8962	9587	9148	4.17	cps
Vanadium	51-2	4724	5038	4641	4801	4.36	cps
Yttrium	89-1	4785460	4725171	4703756	4738129	0.89	cps
Yttrium	89-2	129543	128336	123606	127162	2.47	cps
Zinc	66-2	1627	1817	1620	1688	6.62	cps
Zirconium	90-1	12147	11906	11964	12006	1.05	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-16DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B14	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:17:14	DataFile Name :	063SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2384	2559	2375	2439	4.25	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:20:25	DataFile Name :	064SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20107	20841	21534	20827	3.43	cps
Antimony	121-1	708	883	892	828	12.51	cps
Arsenic	75-2	137	191	150	159	17.60	cps
Barium	135-1	323503	327487	320812	323934	1.04	cps
Barium	137-1	570206	570438	570149	570264	0.03	cps
Beryllium	9-1	511	372	528	470	18.16	cps
Bismuth	209-1	4437913	4378629	4167080	4327874	3.29	cps
Bismuth	209-2	1029594	1028399	1021845	1026613	0.41	cps
Boron	10-1	208	208	117	178	29.77	cps
Boron	11-1	1075	975	1050	1033	5.04	cps
Cadmium	111-1	778	790	757	775	2.15	cps
Cadmium	106-1	950	1017	925	964	4.92	cps
Cadmium	108-1	42	38	58	46	24.06	cps
Calcium	43-1	34393	34660	34477	34510	0.40	cps
Calcium	44-1	549342	553833	552055	551743	0.41	cps
Chromium	52-2	4034	4094	4144	4091	1.35	cps
Cobalt	59-2	6815	6615	6745	6725	1.51	cps
Copper	63-2	7179	7385	7569	7378	2.65	cps
Dysprosium	156-1	27021	26352	26227	26533	1.61	cps
Dysprosium	156-2	5841	5668	5678	5729	1.70	cps
Erbium	164-1	21627	22170	22554	22117	2.10	cps
Erbium	164-2	4121	4067	3931	4040	2.43	cps
Gadolinium	160-1	26227	25543	26336	26035	1.65	cps
Gadolinium	160-2	6899	6705	6895	6833	1.62	cps
Holmium	165-1	6265944	6206543	5892915	6121800	3.27	cps
Holmium	165-2	1209932	1216577	1213896	1213469	0.28	cps
Indium	115-1	4639573	4584088	4329752	4517804	3.66	cps
Indium	115-2	175854	175629	177225	176236	0.49	cps
Iron	56-2	2860656	2835162	2846851	2847557	0.45	cps
Iron	57-2	69853	69121	69752	69575	0.57	cps
Lead	206-1	34069	33138	32464	33224	2.43	cps
Lead	207-1	27781	27057	26918	27252	1.70	cps
Lead	208-1	129161	127803	125415	127460	1.49	cps
Lithium	6-1	570166	569370	535912	558483	3.50	cps
Magnesium	24-2	45992	44637	45122	45251	1.52	cps
Manganese	55-2	35482	35164	35144	35264	0.54	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:20:25	DataFile Name :	064SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8428	7953	8511	8297	3.63	cps
Molybdenum	95-1	958	892	883	911	4.51	cps
Molybdenum	96-1	2525	2359	2325	2403	4.46	cps
Molybdenum	97-1	558	500	575	544	7.23	cps
Molybdenum	98-1	1383	1392	1325	1367	2.66	cps
Neodymium	150-1	41627	40690	40690	41002	1.32	cps
Neodymium	150-2	5144	5074	5084	5101	0.74	cps
Nickel	60-2	5431	5354	5465	5417	1.04	cps
Phosphorus	31-2	42	108	42	64	60.24	cps
Potassium	39-2	5952	5701	5626	5760	2.96	cps
Rhodium	103-1	4139122	4111272	3949296	4066564	2.52	cps
Rhodium	103-2	1036987	1038937	1033933	1036619	0.24	cps
Scandium	45-1	2153012	2116736	1996393	2088714	3.93	cps
Scandium	45-2	15469	15499	15055	15341	1.62	cps
Selenium	77-2	27	23	23	24	7.89	cps
Selenium	78-2	7	6	17	10	60.25	cps
Selenium	82-1	-19	-6	46	7	510.42	cps
Silicon	28-1	1625416	1834488	1790299	1750068	6.30	cps
Silver	109-1	175	75	100	117	44.61	cps
Silver	107-1	200	175	208	194	8.92	cps
Sodium	23-2	9662	9612	10446	9907	4.72	cps
Strontium	86-1	39592	40060	40160	39937	0.76	cps
Strontium	88-1	344729	344195	341143	343356	0.56	cps
Sulfur	34-1	230389	228493	228012	228965	0.55	cps
Terbium	159-1	6461626	6386648	6040532	6296269	3.57	cps
Terbium	159-2	1164232	1162211	1159965	1162136	0.18	cps
Thallium	203-1	800	875	842	839	4.48	cps
Thallium	205-1	2150	2059	2084	2098	2.26	cps
Tin	118-1	3067	3109	3284	3153	3.65	cps
Titanium	47-1	16435	16652	16786	16625	1.07	cps
Uranium	238-1	8895	9012	8995	8968	0.70	cps
Vanadium	51-2	4077	4034	4027	4046	0.67	cps
Yttrium	89-1	4830513	4752823	4492772	4692036	3.77	cps
Yttrium	89-2	130940	131381	130321	130881	0.41	cps
Zinc	66-2	2177	2157	2127	2154	1.17	cps
Zirconium	90-1	20533	21050	21288	20957	1.84	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-17DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B15	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:20:25	DataFile Name :	064SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4693	4801	4518	4670	3.06	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:23:35	DataFile Name :	065SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30116	30375	30517	30336	0.67	cps
Antimony	121-1	1525	1567	1634	1575	3.47	cps
Arsenic	75-2	2054	1917	2108	2026	4.86	cps
Barium	135-1	1073406	1061896	1063904	1066402	0.58	cps
Barium	137-1	1958535	1922839	1918779	1933384	1.13	cps
Beryllium	9-1	867	850	756	824	7.27	cps
Bismuth	209-1	4456443	4458289	4409929	4441554	0.62	cps
Bismuth	209-2	984587	1006603	1030629	1007273	2.29	cps
Boron	10-1	292	242	200	244	18.78	cps
Boron	11-1	950	1133	1125	1070	9.68	cps
Cadmium	111-1	756	691	740	729	4.66	cps
Cadmium	106-1	892	908	792	864	7.30	cps
Cadmium	108-1	50	58	38	49	21.57	cps
Calcium	43-1	68602	67061	67840	67834	1.14	cps
Calcium	44-1	1104438	1088100	1090330	1094289	0.81	cps
Chromium	52-2	8463	8006	8079	8182	3.00	cps
Cobalt	59-2	15632	15248	16086	15656	2.68	cps
Copper	63-2	24739	24762	24712	24738	0.10	cps
Dysprosium	156-1	33728	33110	33102	33313	1.08	cps
Dysprosium	156-2	6602	7005	6829	6812	2.97	cps
Erbium	164-1	28265	27196	27680	27714	1.93	cps
Erbium	164-2	4704	4854	5124	4894	4.35	cps
Gadolinium	160-1	32266	32375	30545	31729	3.23	cps
Gadolinium	160-2	7983	8393	8203	8193	2.51	cps
Holmium	165-1	6297327	6316993	6314307	6309542	0.17	cps
Holmium	165-2	1165382	1196475	1221435	1194431	2.35	cps
Indium	115-1	4620202	4671067	4605640	4632303	0.74	cps
Indium	115-2	168489	173237	174955	172227	1.94	cps
Iron	56-2	6980180	6986434	6975312	6980642	0.08	cps
Iron	57-2	176267	174079	175984	175443	0.68	cps
Lead	206-1	122574	120309	120808	121230	0.98	cps
Lead	207-1	99778	98378	97814	98657	1.03	cps
Lead	208-1	468237	461887	461362	463829	0.83	cps
Lithium	6-1	576551	570064	575123	573913	0.59	cps
Magnesium	24-2	95083	96316	95210	95536	0.71	cps
Manganese	55-2	201665	199767	200040	200491	0.51	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:23:35	DataFile Name :	065SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8962	9254	9120	9112	1.60	cps
Molybdenum	95-1	3401	3151	3176	3242	4.25	cps
Molybdenum	96-1	5310	5143	4693	5048	6.32	cps
Molybdenum	97-1	2242	2292	2142	2225	3.43	cps
Molybdenum	98-1	5060	5385	5560	5335	4.76	cps
Neodymium	150-1	50344	48758	49822	49641	1.63	cps
Neodymium	150-2	6182	6598	6315	6365	3.34	cps
Nickel	60-2	10064	10184	10034	10094	0.79	cps
Phosphorus	31-2	167	125	92	128	29.41	cps
Potassium	39-2	10354	10613	10129	10365	2.34	cps
Rhodium	103-1	4208763	4215423	4177673	4200620	0.48	cps
Rhodium	103-2	994034	1021387	1040204	1018542	2.28	cps
Scandium	45-1	2175050	2143115	2194476	2170880	1.19	cps
Scandium	45-2	15102	15599	15429	15376	1.64	cps
Selenium	77-2	23	37	27	29	24.03	cps
Selenium	78-2	11	20	17	16	29.04	cps
Selenium	82-1	-42	-30	3	-23	-100.05	cps
Silicon	28-1	1420146	1407259	1377336	1401580	1.57	cps
Silver	109-1	108	92	100	100	8.33	cps
Silver	107-1	117	108	242	156	48.02	cps
Sodium	23-2	16502	15759	15784	16015	2.63	cps
Strontium	86-1	63641	61113	61271	62009	2.28	cps
Strontium	88-1	539279	537145	537446	537957	0.21	cps
Sulfur	34-1	226605	227534	228459	227533	0.41	cps
Terbium	159-1	6489551	6465009	6458620	6471060	0.25	cps
Terbium	159-2	1113442	1152539	1167876	1144619	2.45	cps
Thallium	203-1	1717	1350	1542	1536	11.94	cps
Thallium	205-1	3584	4193	3959	3912	7.85	cps
Tin	118-1	3767	4509	3909	4062	9.70	cps
Titanium	47-1	14708	14516	14750	14658	0.85	cps
Uranium	238-1	13274	13475	13041	13263	1.64	cps
Vanadium	51-2	12302	12112	12252	12222	0.81	cps
Yttrium	89-1	4895768	4874323	4872161	4880751	0.27	cps
Yttrium	89-2	128558	131966	134408	131644	2.23	cps
Zinc	66-2	5788	5408	5525	5573	3.49	cps
Zirconium	90-1	19840	19323	19957	19707	1.71	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:23:35	DataFile Name :	065SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4184	4343	4559	4362	4.32	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:26:45	DataFile Name :	066SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31336	31770	30701	31269	1.72	cps
Antimony	121-1	1467	1734	1617	1606	8.33	cps
Arsenic	75-2	2091	2063	2250	2135	4.73	cps
Barium	135-1	1082054	1086397	1068261	1078904	0.88	cps
Barium	137-1	1962783	1960932	1926767	1950160	1.04	cps
Beryllium	9-1	822	839	895	852	4.44	cps
Bismuth	209-1	4399100	4475538	4497384	4457341	1.16	cps
Bismuth	209-2	1024849	1022368	1027877	1025031	0.27	cps
Boron	10-1	267	183	200	217	20.35	cps
Boron	11-1	1150	1267	1033	1150	10.14	cps
Cadmium	111-1	745	782	727	751	3.73	cps
Cadmium	106-1	817	908	833	853	5.73	cps
Cadmium	108-1	50	29	21	33	45.07	cps
Calcium	43-1	70109	68837	68433	69126	1.27	cps
Calcium	44-1	1124827	1131353	1129297	1128493	0.30	cps
Chromium	52-2	8329	7966	8253	8183	2.34	cps
Cobalt	59-2	15843	16380	16200	16141	1.69	cps
Copper	63-2	25824	25971	25567	25787	0.79	cps
Dysprosium	156-1	33444	32901	33335	33227	0.86	cps
Dysprosium	156-2	6562	6855	7095	6837	3.91	cps
Erbium	164-1	27605	27438	27705	27583	0.49	cps
Erbium	164-2	5254	5084	5091	5143	1.87	cps
Gadolinium	160-1	32249	32600	30854	31901	2.90	cps
Gadolinium	160-2	8233	8470	8326	8343	1.43	cps
Holmium	165-1	6299882	6273107	6256455	6276482	0.35	cps
Holmium	165-2	1214509	1209884	1213525	1212639	0.20	cps
Indium	115-1	4673053	4660758	4657013	4663608	0.18	cps
Indium	115-2	176694	177704	177215	177204	0.29	cps
Iron	56-2	7187193	7224970	7143982	7185382	0.56	cps
Iron	57-2	180133	178647	179147	179309	0.42	cps
Lead	206-1	123495	121571	122884	122650	0.80	cps
Lead	207-1	98227	99537	99465	99076	0.74	cps
Lead	208-1	466906	469247	470685	468946	0.41	cps
Lithium	6-1	570979	575109	574544	573544	0.39	cps
Magnesium	24-2	95696	97189	96937	96608	0.83	cps
Manganese	55-2	200182	200405	200520	200369	0.09	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:26:45	DataFile Name :	066SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9203	9554	8745	9167	4.43	cps
Molybdenum	95-1	3376	3167	3192	3245	3.51	cps
Molybdenum	96-1	5085	4876	5301	5087	4.18	cps
Molybdenum	97-1	2367	2234	2359	2320	3.22	cps
Molybdenum	98-1	5593	5860	5493	5649	3.36	cps
Neodymium	150-1	51729	51582	50277	51196	1.56	cps
Neodymium	150-2	6245	6328	6412	6328	1.32	cps
Nickel	60-2	10251	10411	10084	10248	1.59	cps
Phosphorus	31-2	100	150	150	133	21.65	cps
Potassium	39-2	11263	10755	10763	10927	2.67	cps
Rhodium	103-1	4187552	4215718	4191834	4198368	0.36	cps
Rhodium	103-2	1038310	1032537	1037213	1036020	0.30	cps
Scandium	45-1	2161248	2195033	2199973	2185418	0.96	cps
Scandium	45-2	15769	15599	15696	15688	0.54	cps
Selenium	77-2	27	37	27	30	19.24	cps
Selenium	78-2	9	13	13	12	18.22	cps
Selenium	82-1	5	69	89	54	81.09	cps
Silicon	28-1	1440656	1469268	1560959	1490294	4.22	cps
Silver	109-1	108	108	175	131	29.48	cps
Silver	107-1	142	200	167	169	17.27	cps
Sodium	23-2	16068	15492	15476	15679	2.15	cps
Strontium	86-1	62645	63130	62418	62731	0.58	cps
Strontium	88-1	546856	545971	544320	545716	0.24	cps
Sulfur	34-1	225133	225259	224134	224842	0.27	cps
Terbium	159-1	6509077	6538397	6507866	6518447	0.27	cps
Terbium	159-2	1160842	1158793	1163658	1161097	0.21	cps
Thallium	203-1	1567	1775	1634	1659	6.42	cps
Thallium	205-1	3942	4001	3692	3879	4.22	cps
Tin	118-1	4001	4042	4177	4073	2.26	cps
Titanium	47-1	15534	15826	15109	15490	2.33	cps
Uranium	238-1	13867	13850	13424	13714	1.83	cps
Vanadium	51-2	12826	12569	12689	12695	1.01	cps
Yttrium	89-1	4890782	4932401	4888930	4904038	0.50	cps
Yttrium	89-2	133460	131897	135178	133512	1.23	cps
Zinc	66-2	5394	6021	5434	5617	6.25	cps
Zirconium	90-1	19698	19674	20024	19799	0.99	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-19DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16D	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:26:45	DataFile Name :	066SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4409	4934	4418	4587	6.56	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LDLX10	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	10
Date & Time Acquired ::	2018-01-23 15:29:56	DataFile Name :	067SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6710	6794	5918	6474	7.46	cps
Antimony	121-1	342	467	258	356	29.49	cps
Arsenic	75-2	431	402	431	422	4.06	cps
Barium	135-1	215205	214699	209889	213264	1.38	cps
Barium	137-1	373285	375810	370355	373150	0.73	cps
Beryllium	9-1	250	261	261	257	2.49	cps
Bismuth	209-1	4469824	4386954	4440488	4432422	0.95	cps
Bismuth	209-2	1040849	911254	1023945	992016	7.10	cps
Boron	10-1	225	217	142	194	23.61	cps
Boron	11-1	750	808	817	792	4.59	cps
Cadmium	111-1	614	716	594	642	10.21	cps
Cadmium	106-1	808	967	833	870	9.79	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	13674	13924	13832	13810	0.92	cps
Calcium	44-1	232063	229301	225486	228950	1.44	cps
Chromium	52-2	1850	1780	1737	1789	3.20	cps
Cobalt	59-2	3210	3384	3230	3275	2.90	cps
Copper	63-2	5204	5254	5124	5194	1.26	cps
Dysprosium	156-1	6385	6310	6794	6496	4.01	cps
Dysprosium	156-2	1327	1250	1493	1357	9.17	cps
Erbium	164-1	5085	5335	5677	5365	5.54	cps
Erbium	164-2	947	953	987	962	2.23	cps
Gadolinium	160-1	6385	6218	6360	6321	1.42	cps
Gadolinium	160-2	1777	1723	1553	1685	6.92	cps
Holmium	165-1	6284551	6198801	6283852	6255735	0.79	cps
Holmium	165-2	1231708	1082374	1214231	1176104	6.94	cps
Indium	115-1	4697056	4663585	4662130	4674257	0.42	cps
Indium	115-2	182540	159434	179455	173810	7.22	cps
Iron	56-2	1470957	1461585	1437452	1456665	1.19	cps
Iron	57-2	35445	35841	35496	35594	0.60	cps
Lead	206-1	25059	25220	24847	25042	0.75	cps
Lead	207-1	19204	20795	20139	20046	3.99	cps
Lead	208-1	94155	96322	96195	95557	1.27	cps
Lithium	6-1	579872	575566	579473	578304	0.41	cps
Magnesium	24-2	20599	20198	20006	20268	1.49	cps
Manganese	55-2	41672	41124	40796	41197	1.07	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LDLX10	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	10
Date & Time Acquired ::	2018-01-23 15:29:56	DataFile Name :	067SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1917	1875	1709	1834	6.01	cps
Molybdenum	95-1	683	683	583	650	8.88	cps
Molybdenum	96-1	1208	900	775	961	23.21	cps
Molybdenum	97-1	583	433	483	500	15.28	cps
Molybdenum	98-1	1000	1058	1142	1067	6.68	cps
Neodymium	150-1	10638	9724	10758	10373	5.45	cps
Neodymium	150-2	1267	1253	1333	1285	3.34	cps
Nickel	60-2	2474	2420	2334	2409	2.93	cps
Phosphorus	31-2	8	17	50	25	88.19	cps
Potassium	39-2	3634	3142	3601	3459	7.95	cps
Rhodium	103-1	4297479	4212635	4250196	4253437	1.00	cps
Rhodium	103-2	1053287	925468	1046192	1008316	7.12	cps
Scandium	45-1	2190444	2167635	2203244	2187108	0.82	cps
Scandium	45-2	15495	13914	15195	14868	5.65	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	35	-10	85	37	128.67	cps
Silicon	28-1	520093	531245	510564	520634	1.99	cps
Silver	109-1	50	92	42	61	43.83	cps
Silver	107-1	100	117	83	100	16.66	cps
Sodium	23-2	7052	7044	6969	7022	0.65	cps
Strontium	86-1	13157	13349	12882	13129	1.79	cps
Strontium	88-1	107287	107488	108823	107866	0.77	cps
Sulfur	34-1	226757	226920	226654	226777	0.06	cps
Terbium	159-1	6468415	6422272	6417299	6435995	0.44	cps
Terbium	159-2	1172227	1033197	1154649	1120024	6.76	cps
Thallium	203-1	458	433	367	419	11.30	cps
Thallium	205-1	1225	1025	1033	1095	10.34	cps
Tin	118-1	1200	992	992	1061	11.34	cps
Titanium	47-1	3000	2984	3117	3034	2.39	cps
Uranium	238-1	2692	2759	2667	2706	1.75	cps
Vanadium	51-2	2357	2477	2477	2437	2.84	cps
Yttrium	89-1	4609527	4603800	4655470	4622932	0.61	cps
Yttrium	89-2	128548	113367	128423	123446	7.07	cps
Zinc	66-2	1177	1157	1183	1172	1.18	cps
Zirconium	90-1	4226	4109	3959	4098	3.26	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-18LDLX10	Instrumnet Name :	P8
Client Sample ID :	MF6B16L	Dilution Factor :	10
Date & Time Acquired ::	2018-01-23 15:29:56	DataFile Name :	067SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	908	908	825	881	5.46	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:33:07	DataFile Name :	068SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31753	30250	31561	31188	2.62	cps
Antimony	121-1	73646	71886	74792	73441	1.99	cps
Arsenic	75-2	2339	2232	2150	2240	4.23	cps
Barium	135-1	1381906	1386412	1374539	1380952	0.43	cps
Barium	137-1	2488528	2508396	2457703	2484876	1.03	cps
Beryllium	9-1	4084	4367	4195	4216	3.39	cps
Bismuth	209-1	4444509	4478748	4400299	4441185	0.89	cps
Bismuth	209-2	925361	1010509	1014633	983501	5.12	cps
Boron	10-1	242	200	158	200	20.83	cps
Boron	11-1	1050	1075	1175	1100	6.01	cps
Cadmium	111-1	8383	7976	8569	8309	3.65	cps
Cadmium	106-1	1759	1584	1717	1686	5.42	cps
Cadmium	108-1	542	608	521	557	8.21	cps
Calcium	43-1	68433	69825	67136	68465	1.96	cps
Calcium	44-1	1127773	1120847	1107620	1118747	0.92	cps
Chromium	52-2	17788	17695	17745	17743	0.26	cps
Cobalt	59-2	72544	71030	72142	71905	1.09	cps
Copper	63-2	49809	49592	49190	49530	0.63	cps
Dysprosium	156-1	33360	33620	32425	33135	1.90	cps
Dysprosium	156-2	6482	6442	6685	6536	2.00	cps
Erbium	164-1	27522	27338	27388	27416	0.35	cps
Erbium	164-2	5018	4834	4831	4894	2.18	cps
Gadolinium	160-1	32500	31539	30737	31592	2.79	cps
Gadolinium	160-2	8383	8143	8386	8304	1.68	cps
Holmium	165-1	6365093	6276099	6335403	6325532	0.72	cps
Holmium	165-2	1091106	1192687	1195569	1159788	5.13	cps
Indium	115-1	4671297	4655369	4637794	4654820	0.36	cps
Indium	115-2	160418	174612	175749	170260	5.02	cps
Iron	56-2	7136235	7026816	7030748	7064600	0.88	cps
Iron	57-2	177960	174969	177679	176869	0.93	cps
Lead	206-1	132629	131977	131014	131874	0.62	cps
Lead	207-1	108184	109188	106886	108086	1.07	cps
Lead	208-1	509511	510729	502217	507486	0.91	cps
Lithium	6-1	578368	577323	569307	574999	0.86	cps
Magnesium	24-2	96015	94001	97358	95791	1.76	cps
Manganese	55-2	206759	203566	206616	205647	0.88	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:33:07	DataFile Name :	068SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9112	9554	9270	9312	2.40	cps
Molybdenum	95-1	3317	3367	3659	3448	5.35	cps
Molybdenum	96-1	5260	5051	4534	4948	7.55	cps
Molybdenum	97-1	2092	2184	1875	2050	7.72	cps
Molybdenum	98-1	5451	5410	5660	5507	2.43	cps
Neodymium	150-1	50853	49367	48825	49682	2.11	cps
Neodymium	150-2	5991	6162	6031	6062	1.47	cps
Nickel	60-2	26208	26626	26419	26417	0.79	cps
Phosphorus	31-2	142	75	92	103	33.76	cps
Potassium	39-2	10805	10796	10071	10557	3.99	cps
Rhodium	103-1	4247755	4289031	4194728	4243838	1.11	cps
Rhodium	103-2	938398	1023539	1024760	995566	4.97	cps
Scandium	45-1	2206249	2183389	2180606	2190081	0.64	cps
Scandium	45-2	14835	15222	15182	15079	1.41	cps
Selenium	77-2	23	13	17	18	28.64	cps
Selenium	78-2	37	39	24	33	24.23	cps
Selenium	82-1	743	916	822	827	10.53	cps
Silicon	28-1	1442135	1468482	1440800	1450473	1.08	cps
Silver	109-1	35181	32206	33075	33487	4.57	cps
Silver	107-1	33994	34303	34629	34309	0.93	cps
Sodium	23-2	15809	15242	16310	15787	3.38	cps
Strontium	86-1	62996	62963	62736	62898	0.22	cps
Strontium	88-1	541120	538313	541216	540216	0.31	cps
Sulfur	34-1	222863	222016	223032	222637	0.24	cps
Terbium	159-1	6511153	6487746	6417504	6472134	0.75	cps
Terbium	159-2	1044692	1136984	1150831	1110836	5.19	cps
Thallium	203-1	34289	34138	34882	34436	1.14	cps
Thallium	205-1	81554	82359	80907	81607	0.89	cps
Tin	118-1	4484	3951	3917	4118	7.73	cps
Titanium	47-1	16141	15359	14708	15403	4.66	cps
Uranium	238-1	13308	13691	13800	13600	1.90	cps
Vanadium	51-2	30113	30336	31098	30516	1.69	cps
Yttrium	89-1	4948449	4935024	4839743	4907739	1.21	cps
Yttrium	89-2	122417	131405	132165	128662	4.21	cps
Zinc	66-2	9760	9734	9800	9765	0.34	cps
Zirconium	90-1	20700	19732	19598	20010	3.00	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-20DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B16S	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:33:07	DataFile Name :	068SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4593	4618	4893	4701	3.54	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:36:17	DataFile Name :	069SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20007	19389	19631	19676	1.58	cps
Antimony	121-1	875	992	875	914	7.37	cps
Arsenic	75-2	437	422	415	425	2.67	cps
Barium	135-1	333175	334557	331883	333205	0.40	cps
Barium	137-1	592209	583703	585342	587084	0.77	cps
Beryllium	9-1	672	594	578	615	8.20	cps
Bismuth	209-1	4606604	4529072	4619514	4585063	1.07	cps
Bismuth	209-2	1058373	987277	1029705	1025118	3.49	cps
Boron	10-1	200	208	275	228	18.05	cps
Boron	11-1	1067	967	1008	1014	4.95	cps
Cadmium	111-1	951	807	868	875	8.27	cps
Cadmium	106-1	1067	875	1117	1020	12.51	cps
Cadmium	108-1	29	38	38	35	13.85	cps
Calcium	43-1	152400	148654	151652	150902	1.31	cps
Calcium	44-1	2491742	2514415	2469163	2491773	0.91	cps
Chromium	52-2	4177	4608	4351	4379	4.94	cps
Cobalt	59-2	8042	7732	8002	7926	2.13	cps
Copper	63-2	13450	13226	13483	13387	1.04	cps
Dysprosium	156-1	19907	20024	19674	19869	0.90	cps
Dysprosium	156-2	3981	3927	4097	4002	2.17	cps
Erbium	164-1	16394	15877	16060	16111	1.63	cps
Erbium	164-2	2897	2760	2790	2816	2.55	cps
Gadolinium	160-1	19031	19732	18489	19084	3.27	cps
Gadolinium	160-2	4681	5171	4901	4918	4.99	cps
Holmium	165-1	6469657	6515628	6507570	6497618	0.38	cps
Holmium	165-2	1255706	1165727	1211771	1211068	3.72	cps
Indium	115-1	4810849	4806254	4750155	4789086	0.71	cps
Indium	115-2	183166	169934	177754	176951	3.76	cps
Iron	56-2	4748758	4749197	4666335	4721430	1.01	cps
Iron	57-2	118220	117871	115973	117354	1.03	cps
Lead	206-1	43508	43737	42416	43220	1.63	cps
Lead	207-1	35701	35400	35111	35404	0.83	cps
Lead	208-1	168203	166486	165569	166752	0.80	cps
Lithium	6-1	589329	583220	583119	585223	0.61	cps
Magnesium	24-2	74622	73240	73415	73759	1.02	cps
Manganese	55-2	28426	28002	27711	28046	1.28	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:36:17	DataFile Name :	069SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4601	4134	4668	4468	6.51	cps
Molybdenum	95-1	467	425	450	447	4.69	cps
Molybdenum	96-1	1200	1158	1300	1220	5.97	cps
Molybdenum	97-1	317	233	300	283	15.56	cps
Molybdenum	98-1	575	550	675	600	11.02	cps
Neodymium	150-1	31331	31719	31285	31445	0.76	cps
Neodymium	150-2	3784	3691	3847	3774	2.09	cps
Nickel	60-2	6262	6098	6272	6210	1.57	cps
Phosphorus	31-2	67	50	100	72	35.25	cps
Potassium	39-2	8978	10029	9979	9662	6.13	cps
Rhodium	103-1	4354274	4282602	4309873	4315583	0.84	cps
Rhodium	103-2	1070069	992129	1037198	1033132	3.79	cps
Scandium	45-1	2272491	2226052	2215102	2237881	1.36	cps
Scandium	45-2	16557	15102	15739	15799	4.62	cps
Selenium	77-2	7	20	10	12	56.76	cps
Selenium	78-2	13	11	7	10	26.93	cps
Selenium	82-1	51	-63	36	8	775.21	cps
Silicon	28-1	1680916	1667148	1662103	1670056	0.58	cps
Silver	109-1	258	208	250	239	11.22	cps
Silver	107-1	258	358	250	289	20.87	cps
Sodium	23-2	19606	18846	18521	18991	2.93	cps
Strontium	86-1	65792	65014	65089	65298	0.66	cps
Strontium	88-1	574057	569223	573240	572173	0.45	cps
Sulfur	34-1	230550	233786	234378	232905	0.88	cps
Terbium	159-1	6715153	6692243	6632921	6680106	0.64	cps
Terbium	159-2	1199007	1118005	1159913	1158975	3.50	cps
Thallium	203-1	1083	1067	1150	1100	4.01	cps
Thallium	205-1	2500	2484	2567	2517	1.75	cps
Tin	118-1	3351	3726	3467	3515	5.46	cps
Titanium	47-1	9279	9287	9245	9270	0.24	cps
Uranium	238-1	10088	11072	11190	10783	5.61	cps
Vanadium	51-2	5134	5358	5491	5328	3.38	cps
Yttrium	89-1	4895778	4816556	4827389	4846575	0.89	cps
Yttrium	89-2	133427	123956	129551	128978	3.69	cps
Zinc	66-2	3300	3297	3094	3230	3.66	cps
Zirconium	90-1	11864	11389	11789	11680	2.19	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-21DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B17	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:36:17	DataFile Name :	069SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2717	2484	2684	2628	4.80	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:39:27	DataFile Name :	070SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35019	34167	34835	34674	1.29	cps
Antimony	121-1	2034	2300	2525	2286	10.77	cps
Arsenic	75-2	3123	3099	3382	3201	4.91	cps
Barium	135-1	578657	576603	578036	577765	0.18	cps
Barium	137-1	1014979	1009977	1015728	1013561	0.31	cps
Beryllium	9-1	1106	1067	1322	1165	11.82	cps
Bismuth	209-1	4622571	4582888	4664417	4623292	0.88	cps
Bismuth	209-2	1064421	1056401	1052487	1057770	0.58	cps
Boron	10-1	317	250	267	278	12.49	cps
Boron	11-1	1350	1533	1608	1497	8.88	cps
Cadmium	111-1	1410	1395	1291	1365	4.75	cps
Cadmium	106-1	1033	1058	1033	1042	1.39	cps
Cadmium	108-1	67	42	58	56	22.91	cps
Calcium	43-1	432362	433892	429245	431833	0.55	cps
Calcium	44-1	7097671	7100994	7058756	7085807	0.33	cps
Chromium	52-2	7495	7262	7519	7425	1.91	cps
Cobalt	59-2	16787	16684	17077	16849	1.21	cps
Copper	63-2	36007	35328	35987	35774	1.08	cps
Dysprosium	156-1	30495	29827	29442	29921	1.78	cps
Dysprosium	156-2	6242	6212	5945	6133	2.66	cps
Erbium	164-1	23890	24716	24891	24499	2.18	cps
Erbium	164-2	4538	4541	4461	4513	1.00	cps
Gadolinium	160-1	28983	28081	29735	28933	2.86	cps
Gadolinium	160-2	7476	7736	7649	7620	1.74	cps
Holmium	165-1	6544641	6495263	6542861	6527589	0.43	cps
Holmium	165-2	1265489	1259359	1250386	1258411	0.60	cps
Indium	115-1	4729239	4757906	4745526	4744224	0.30	cps
Indium	115-2	183585	180652	179727	181322	1.11	cps
Iron	56-2	19398980	19196962	19122051	19239331	0.74	cps
Iron	57-2	482293	479274	479257	480275	0.36	cps
Lead	206-1	112712	113520	113547	113260	0.42	cps
Lead	207-1	93056	91779	91763	92199	0.80	cps
Lead	208-1	436062	434093	434890	435015	0.23	cps
Lithium	6-1	587848	584642	584451	585647	0.33	cps
Magnesium	24-2	135666	139361	137863	137630	1.35	cps
Manganese	55-2	94862	92621	93121	93535	1.26	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:39:27	DataFile Name :	070SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10955	11222	10913	11030	1.52	cps
Molybdenum	95-1	3284	2867	3000	3050	6.98	cps
Molybdenum	96-1	5501	5526	5368	5465	1.56	cps
Molybdenum	97-1	2042	2175	2009	2075	4.25	cps
Molybdenum	98-1	5001	5285	4893	5059	4.00	cps
Neodymium	150-1	46055	45573	45653	45760	0.56	cps
Neodymium	150-2	5858	5711	5608	5726	2.20	cps
Nickel	60-2	15876	15642	15719	15746	0.76	cps
Phosphorus	31-2	183	158	208	183	13.64	cps
Potassium	39-2	13474	13182	12990	13215	1.84	cps
Rhodium	103-1	4334504	4300752	4297100	4310785	0.48	cps
Rhodium	103-2	1068831	1065303	1052493	1062209	0.81	cps
Scandium	45-1	2259177	2250556	2220170	2243301	0.91	cps
Scandium	45-2	16126	15302	15572	15667	2.68	cps
Selenium	77-2	17	27	33	26	32.81	cps
Selenium	78-2	9	13	2	8	70.51	cps
Selenium	82-1	4	10	-17	-1	-1546.41	cps
Silicon	28-1	2036833	2053691	2131061	2073862	2.42	cps
Silver	109-1	317	358	283	319	11.76	cps
Silver	107-1	350	350	375	358	4.03	cps
Sodium	23-2	19848	19088	18663	19200	3.13	cps
Strontium	86-1	112805	111006	114292	112701	1.46	cps
Strontium	88-1	978539	981678	981682	980633	0.18	cps
Sulfur	34-1	243935	243717	244361	244004	0.13	cps
Terbium	159-1	6626327	6686967	6709736	6674343	0.65	cps
Terbium	159-2	1203852	1203498	1192333	1199894	0.55	cps
Thallium	203-1	1408	1233	1508	1383	10.06	cps
Thallium	205-1	3551	3359	3509	3473	2.90	cps
Tin	118-1	4234	4209	4193	4212	0.50	cps
Titanium	47-1	14016	16757	18048	16274	12.65	cps
Uranium	238-1	26337	25594	25285	25739	2.10	cps
Vanadium	51-2	24916	24692	25073	24893	0.77	cps
Yttrium	89-1	4971816	5004835	4990398	4989016	0.33	cps
Yttrium	89-2	134719	133975	133723	134139	0.39	cps
Zinc	66-2	6952	6528	6495	6658	3.83	cps
Zirconium	90-1	25567	24440	25303	25103	2.35	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	J1227-22DLX2	Instrumnet Name :	P8
Client Sample ID :	MF6B18	Dilution Factor :	2
Date & Time Acquired ::	2018-01-23 15:39:27	DataFile Name :	070SMPL_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5126	5443	5493	5354	3.72	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:48:52	DataFile Name :	073CCV_P8012318 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172265	173261	173324	172950	0.34	cps
Antimony	121-1	3434120	3494695	3504500	3477772	1.10	cps
Arsenic	75-2	30411	30552	30378	30447	0.30	cps
Barium	135-1	3679894	3746181	3798025	3741366	1.58	cps
Barium	137-1	6431487	6530939	6544096	6502174	0.95	cps
Beryllium	9-1	309877	316733	318931	315180	1.50	cps
Bismuth	209-1	4107468	4179121	4171772	4152787	0.95	cps
Bismuth	209-2	977806	969612	973708	973709	0.42	cps
Boron	10-1	33916	34617	36255	34930	3.44	cps
Boron	11-1	161769	169608	170554	167310	2.88	cps
Cadmium	111-1	673326	689391	683300	682006	1.19	cps
Cadmium	106-1	70175	70107	72101	70794	1.60	cps
Cadmium	108-1	48232	48027	48178	48146	0.22	cps
Calcium	43-1	2967426	2977496	2993914	2979612	0.45	cps
Calcium	44-1	47449767	48220653	48751847	48140756	1.36	cps
Chromium	52-2	240974	241123	241327	241141	0.07	cps
Cobalt	59-2	525028	524705	523946	524560	0.11	cps
Copper	63-2	905347	908112	905569	906343	0.17	cps
Dysprosium	156-1	83	92	117	97	17.84	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	117	17	56	96.44	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	50	83	42	58	37.80	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	6071567	6176307	6164197	6137357	0.93	cps
Holmium	165-2	1218598	1216378	1203810	1212929	0.66	cps
Indium	115-1	4327995	4351059	4353704	4344253	0.33	cps
Indium	115-2	167571	168809	169704	168695	0.63	cps
Iron	56-2	39569422	39595529	39653415	39606122	0.11	cps
Iron	57-2	995269	991979	992775	993341	0.17	cps
Lead	206-1	2514665	2586874	2554997	2552179	1.42	cps
Lead	207-1	2313264	2328769	2349118	2330384	0.77	cps
Lead	208-1	10312896	10419512	10467033	10399814	0.76	cps
Lithium	6-1	549937	553994	555578	553170	0.53	cps
Magnesium	24-2	4156481	4138565	4167348	4154131	0.35	cps
Manganese	55-2	135348	135775	137061	136061	0.66	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:48:52	DataFile Name :	073CCV_P8012318 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5438890	5467449	5583615	5496651	1.39	cps
Molybdenum	95-1	6572057	6673091	6711408	6652185	1.08	cps
Molybdenum	96-1	7358856	7505912	7620795	7495188	1.75	cps
Molybdenum	97-1	4183370	4210752	4287884	4227335	1.28	cps
Molybdenum	98-1	10625381	10778301	10892285	10765322	1.24	cps
Neodymium	150-1	233	147	240	207	25.20	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	151406	151543	154448	152466	1.13	cps
Phosphorus	31-2	2167	2509	2234	2303	7.87	cps
Potassium	39-2	1115289	1104958	1107429	1109225	0.49	cps
Rhodium	103-1	3820241	3843451	3889840	3851177	0.92	cps
Rhodium	103-2	970616	970231	968587	969811	0.11	cps
Scandium	45-1	2089604	2108911	2120418	2106311	0.74	cps
Scandium	45-2	15779	15682	15462	15641	1.04	cps
Selenium	77-2	173	200	263	212	21.78	cps
Selenium	78-2	687	735	669	697	4.94	cps
Selenium	82-1	38318	39075	39200	38864	1.23	cps
Silicon	28-1	1350396	1373219	1399206	1374274	1.78	cps
Silver	109-1	3171563	3197097	3239614	3202758	1.07	cps
Silver	107-1	3313374	3384654	3381978	3360002	1.20	cps
Sodium	23-2	9644214	9569324	9586174	9599904	0.41	cps
Strontium	86-1	832701	852294	850607	845201	1.28	cps
Strontium	88-1	7355512	7474704	7513337	7447851	1.10	cps
Sulfur	34-1	416731	424910	424528	422056	1.09	cps
Terbium	159-1	6263647	6290546	6311607	6288600	0.38	cps
Terbium	159-2	1158502	1157602	1153464	1156523	0.23	cps
Thallium	203-1	3091256	3114388	3133522	3113055	0.68	cps
Thallium	205-1	7253599	7351068	7416418	7340361	1.12	cps
Tin	118-1	2357193	2376903	2398818	2377638	0.88	cps
Titanium	47-1	1479251	1514463	1511635	1501783	1.30	cps
Uranium	238-1	10550613	10589755	10621887	10587418	0.34	cps
Vanadium	51-2	181330	180684	181300	181105	0.20	cps
Yttrium	89-1	4347323	4413600	4463077	4408000	1.32	cps
Yttrium	89-2	122627	122288	121707	122207	0.38	cps
Zinc	66-2	80713	81189	80901	80934	0.30	cps
Zirconium	90-1	4502854	4579070	4610352	4564092	1.21	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:48:52	DataFile Name :	073CCV_P8012318 MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	991998	1000962	1009355	1000772	0.87	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P8
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:51:54	DataFile Name :	074CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	3884	3734	4134	3917	5.16	cps
Arsenic	75-2	0	0	2	1	173.21	cps
Barium	135-1	17	25	50	31	56.77	cps
Barium	137-1	117	92	117	108	13.32	cps
Beryllium	9-1	372	411	256	346	23.38	cps
Bismuth	209-1	4383368	4379347	4400005	4387573	0.25	cps
Bismuth	209-2	1030056	881285	1023233	978191	8.59	cps
Boron	10-1	1892	1517	1392	1600	16.26	cps
Boron	11-1	7877	7844	7477	7733	2.87	cps
Cadmium	111-1	600	720	665	662	9.11	cps
Cadmium	106-1	800	917	875	864	6.84	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	625	617	567	603	5.23	cps
Calcium	44-1	9587	9962	10104	9884	2.70	cps
Chromium	52-2	140	213	207	187	21.73	cps
Cobalt	59-2	37	50	53	47	18.89	cps
Copper	63-2	157	153	127	146	11.30	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6161882	6123708	6097436	6127675	0.53	cps
Holmium	165-2	1202915	1040817	1201461	1148398	8.11	cps
Indium	115-1	4629609	4592041	4569687	4597112	0.66	cps
Indium	115-2	180691	154442	177019	170717	8.33	cps
Iron	56-2	3312	3212	3062	3195	3.94	cps
Iron	57-2	83	94	106	94	11.76	cps
Lead	206-1	739	600	522	620	17.69	cps
Lead	207-1	478	594	511	528	11.39	cps
Lead	208-1	2639	2728	2539	2635	3.59	cps
Lithium	6-1	583364	583529	584449	583781	0.10	cps
Magnesium	24-2	217	342	350	303	24.67	cps
Manganese	55-2	23	17	17	19	20.36	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P8
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:51:54	DataFile Name :	074CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	450	492	483	6.22	cps
Molybdenum	95-1	417	642	608	556	21.86	cps
Molybdenum	96-1	600	517	675	597	13.26	cps
Molybdenum	97-1	417	433	275	375	23.20	cps
Molybdenum	98-1	842	933	942	906	6.13	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	487	413	423	441	9.01	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1784	1884	1800	1822	2.94	cps
Rhodium	103-1	4156441	4159387	4035045	4116957	1.72	cps
Rhodium	103-2	1033061	888584	1026480	982709	8.30	cps
Scandium	45-1	2150084	2140392	2150435	2146970	0.27	cps
Scandium	45-2	15612	13460	15629	14900	8.37	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	6	-59	-46	-33	-105.26	cps
Silicon	28-1	265201	265748	277891	269614	2.66	cps
Silver	109-1	175	150	208	178	16.46	cps
Silver	107-1	192	183	225	200	11.02	cps
Sodium	23-2	6393	6302	5718	6138	5.97	cps
Strontium	86-1	325	342	392	353	9.83	cps
Strontium	88-1	167	225	225	206	16.39	cps
Sulfur	34-1	260494	265271	264488	263418	0.97	cps
Terbium	159-1	6345933	6362258	6259290	6322494	0.88	cps
Terbium	159-2	1153642	990051	1156823	1100172	8.67	cps
Thallium	203-1	992	983	908	961	4.78	cps
Thallium	205-1	2442	2317	2109	2289	7.36	cps
Tin	118-1	833	800	775	803	3.65	cps
Titanium	47-1	50	100	83	78	32.73	cps
Uranium	238-1	217	108	175	167	32.79	cps
Vanadium	51-2	7	0	10	6	91.64	cps
Yttrium	89-1	4531797	4523117	4425063	4493326	1.32	cps
Yttrium	89-2	124821	106805	123577	118401	8.50	cps
Zinc	66-2	10	40	37	29	56.92	cps
Zirconium	90-1	408	517	483	469	11.82	cps

LB Number :	LB92850	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P8
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2018-01-23 15:51:54	DataFile Name :	074CCBE_P8012318 MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	142	100	125	17.63	cps