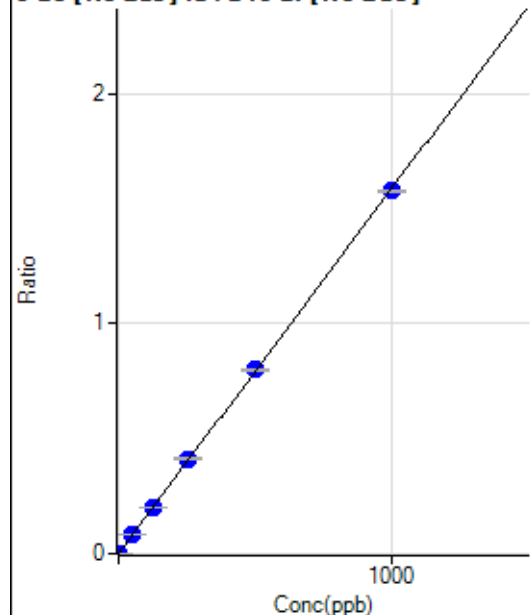


Batch Folder: D:\P8082317-MS.b\
Analysis File: P8082317-MS.batch.bin
DA Date-Time: 2017-08-23 16:33:34
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-08-23 13:05:00
2			
3	005CALS.d	S02	2017-08-23 13:12:08
4	006CALS.d	S03	2017-08-23 13:15:37
5	007CALS.d	S04	2017-08-23 13:19:08
6	008CALS.d	S05	2017-08-23 13:22:33
7	009CALS.d	S06	2017-08-23 13:25:53
8	010CALS.d	S07	2017-08-23 13:29:07
9	011CALS.d	S08	2017-08-23 13:32:19

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.48	0.0001	P	28.6
2	☐	0.100					
3	☐	1.000	0.898	903.76	0.0016	P	6.0
4	☐	50.000	51.968	46717.14	0.0826	P	3.9
5	☐	125.000	126.727	115147.77	0.2012	P	0.7
6	☐	250.000	260.047	230463.80	0.4128	P	1.8
7	☐	500.000	505.541	450232.54	0.8024	P	0.9
8	☐	1000.000	994.404	875518.08	1.5781	P	0.5
9	☐			303.72	0.0006	P	14.7

$$y = 0.0016 * x + 1.3579E-004$$

$$R = 0.9999$$

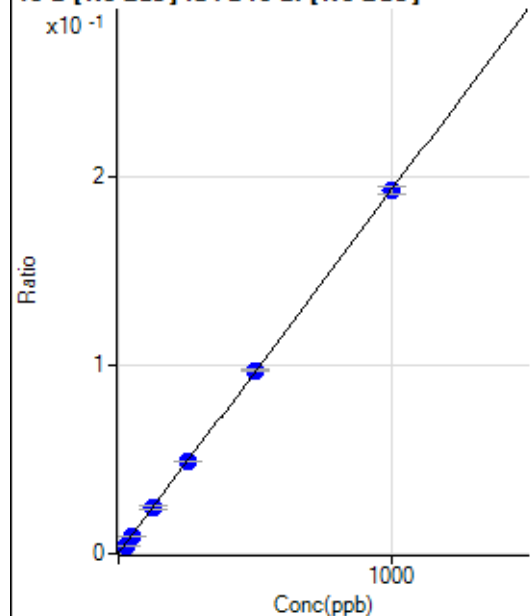
$$DL = 0.0734$$

$$BEC = 0.08557$$

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	161.12	0.0003	P	13.6
2	☐	2.500					
3	☐	25.000	21.525	2555.90	0.0044	P	1.6
4	☐	50.000	47.321	5306.77	0.0094	P	3.7
5	☐	125.000	125.590	13993.42	0.0245	P	4.8
6	☐	250.000	254.618	27532.98	0.0493	P	0.0
7	☐	500.000	502.508	54454.35	0.0970	P	0.9
8	☐	1000.000	997.738	106747.70	0.1924	P	2.2
9	☐			3678.40	0.0070	P	5.2

$$y = 1.9258E-004 * x + 2.6846E-004$$

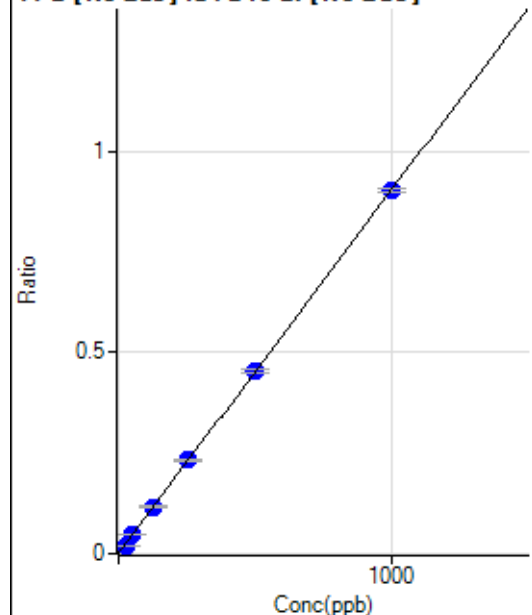
$$R = 1.0000$$

$$DL = 0.5669$$

$$BEC = 1.394$$

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	583.37	0.0010	P	6.3
2	☐	2.500					
3	☐	25.000	21.138	11627.43	0.0201	P	2.6
4	☐	50.000	50.957	26625.38	0.0470	P	2.8
5	☐	125.000	127.180	66345.64	0.1159	P	2.3
6	☐	250.000	255.975	129738.00	0.2324	P	1.8
7	☐	500.000	501.826	255122.69	0.4546	P	1.4
8	☐	1000.000	997.370	500767.39	0.9026	P	1.2
9	☐			17486.38	0.0334	P	6.2

$$y = 9.0405\text{E-}004 * x + 9.7148\text{E-}004$$

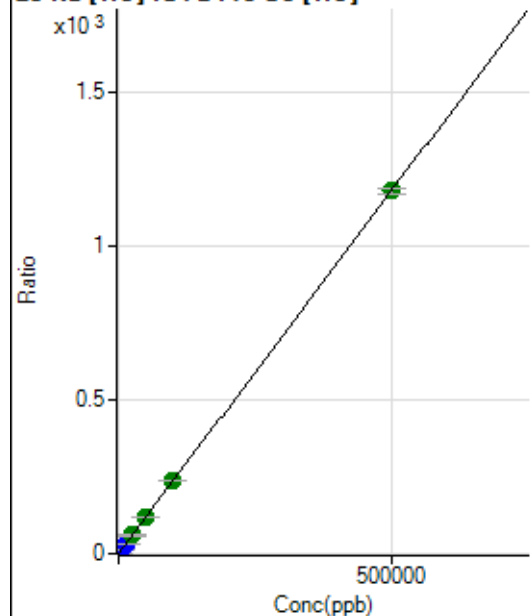
$$R = 1.0000$$

$$DL = 0.2034$$

$$BEC = 1.075$$

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	2739.29	0.0844	P	4.8
2	☐	50.000					
3	☐	500.000	465.991	36937.83	1.1822	P	3.1
4	☐	5000.000	5033.112	384194.76	11.9414	P	1.8
5	☐	12500.000	12770.664	960276.34	30.1695	P	2.4
6	☐	25000.000	25271.448	1903917.19	59.6188	A	1.4
7	☐	50000.000	50603.965	3638778.03	119.2971	A	0.6
8	☐	100000.00	100692.75	6978166.91	237.2961	A	0.7
9	☐	500000.00	499780.41	34403415.35	1,177.465	A	1.4

$$y = 0.0024 * x + 0.0844$$

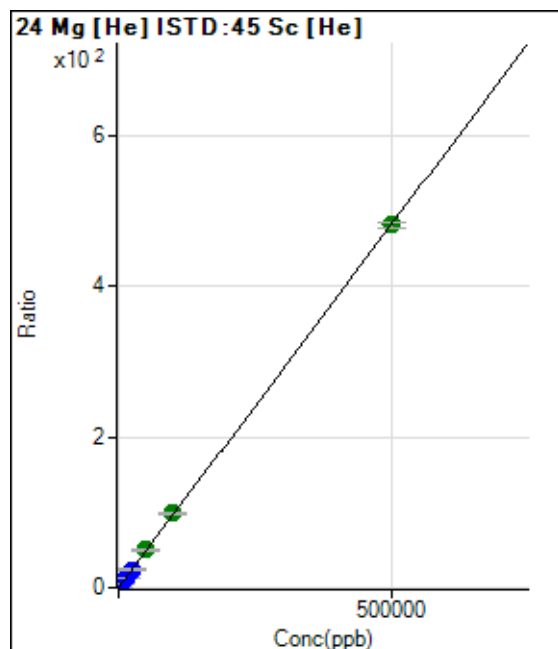
$$R = 1.0000$$

$$DL = 5.159$$

$$BEC = 35.84$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0025	P	33.8
2	☐	50.000					
3	☐	500.000	463.501	14049.21	0.4496	P	2.6
4	☐	5000.000	5097.602	158299.65	4.9197	P	0.8
5	☐	12500.000	12884.360	395633.01	12.4310	P	3.0
6	☐	25000.000	25089.587	772929.95	24.2045	P	1.8
7	☐	50000.000	51776.419	1523394.45	49.9472	A	1.2
8	☐	100000.00	102417.24	2905110.09	98.7965	A	1.4
9	☐	500000.00	499323.88	14073183.12	481.6616	A	1.4

$$y = 9.6462\text{E-}004 * x + 0.0025$$

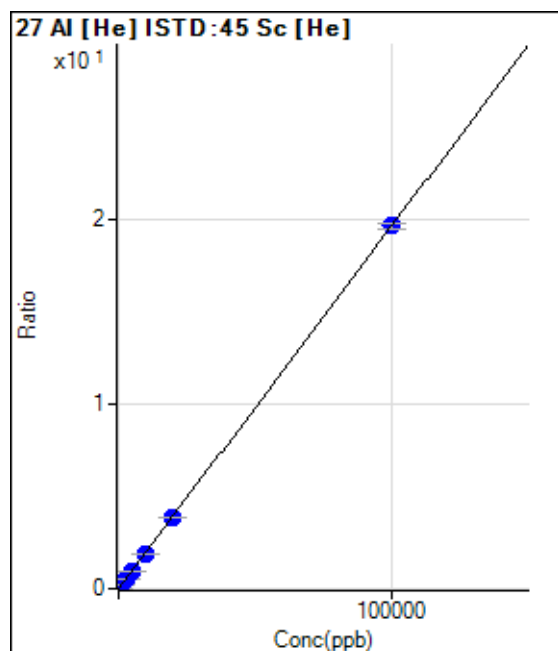
$$R = 1.0000$$

$$DL = 2.618$$

$$BEC = 2.578$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0001	P	173.2
2	☐	2.000					
3	☐	20.000	18.550	116.67	0.0037	P	7.4
4	☐	1000.000	982.386	6215.56	0.1932	P	4.7
5	☐	2500.000	2499.602	15639.84	0.4915	P	4.4
6	☐	5000.000	4835.140	30361.30	0.9508	P	1.8
7	☐	10000.000	9711.759	58239.59	1.9096	P	2.1
8	☐	20000.000	19581.228	113218.22	3.8501	P	0.6
9	☐	100000.00	100121.00	575162.37	19.6855	P	1.9

$$y = 1.9662\text{E-}004 * x + 8.6672\text{E-}005$$

$$R = 1.0000$$

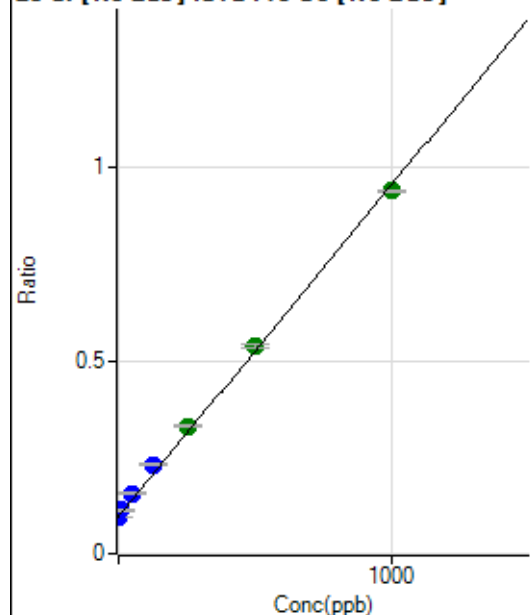
$$DL = 2.291$$

$$BEC = 0.4408$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	366663.18	0.0964	P	1.0
2	☐	1.000					
3	☐	10.000	18.676	415402.09	0.1124	P	2.1
4	☐	50.000	69.357	578280.54	0.1560	P	2.5
5	☐	125.000	157.107	871032.27	0.2314	P	0.8
6	☐	250.000	272.158	1217528.18	0.3302	A	1.9
7	☐	500.000	515.098	1962196.66	0.5389	A	1.5
8	☐	1000.000	981.844	3316357.78	0.9398	A	0.5
9	☐			374213.17	0.1098	P	1.8

$$y = 8.5901\text{E-}004 * x + 0.0964$$

$$R = 0.9993$$

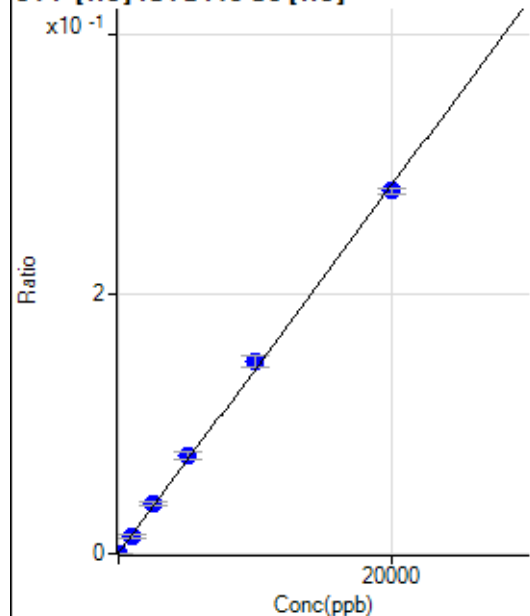
$$DL = 3.392$$

$$BEC = 112.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.539	8.33	0.0003	P	100.6
2	☐	0.000					
3	☐	0.000	0.539	8.33	0.0003	P	102.1
4	☐	1000.000	920.529	427.80	0.0133	P	12.7
5	☐	2500.000	2663.784	1211.22	0.0380	P	7.6
6	☐	5000.000	5318.962	2414.20	0.0756	P	8.3
7	☐	10000.000	10404.110	4506.49	0.1477	P	6.0
8	☐	20000.000	19701.705	8216.70	0.2794	P	1.5
9	☐			19.44	0.0007	P	49.3

$$y = 1.4170\text{E-}005 * x + 2.6618\text{E-}004$$

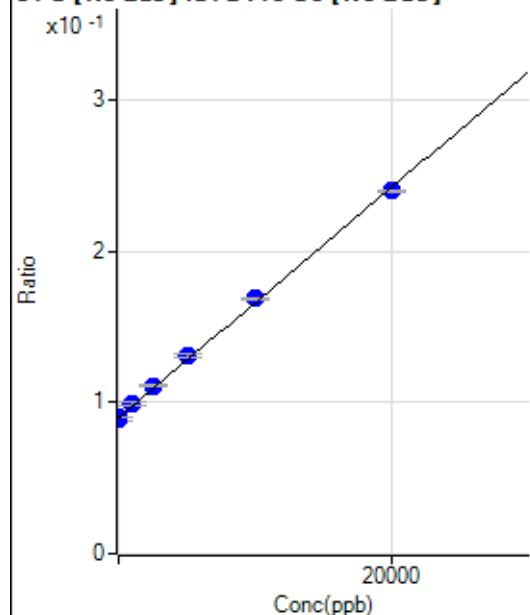
$$R = 0.9995$$

$$DL = 57.14$$

$$BEC = 18.79$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-104.547	338793.26	0.0891	P	1.5
2	☐	0.000					
3	☐	0.000	104.547	334984.01	0.0907	P	0.7
4	☐	1000.000	1283.483	369538.32	0.0997	P	2.3
5	☐	2500.000	2758.664	417616.75	0.1109	P	1.2
6	☐	5000.000	5422.469	483988.30	0.1313	P	2.1
7	☐	10000.000	10340.834	614666.61	0.1688	P	0.3
8	☐	20000.000	19677.459	847068.52	0.2401	P	0.6
9	☐			319875.58	0.0938	P	0.1

$$y = 7.6321\text{E-}006 * x + 0.0899$$

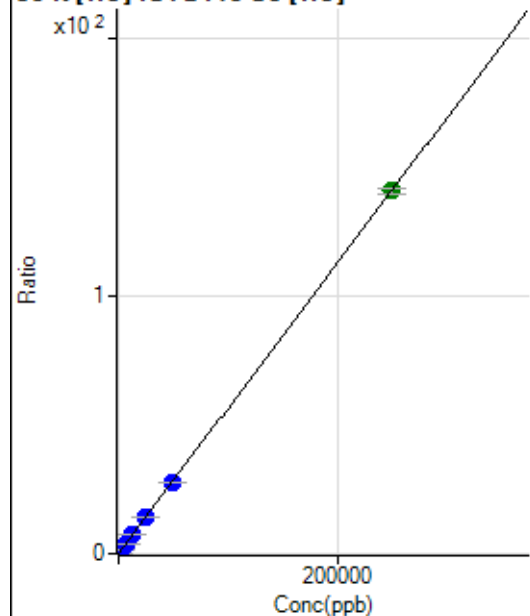
$$R = 0.9995$$

$$DL = 375.9$$

$$BEC = 1.178\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2503.12	0.0771	P	10.4
2	☐	50.000					
3	☐	500.000	494.501	11115.97	0.3559	P	4.2
4	☐	2500.000	2640.992	50385.42	1.5659	P	2.0
5	☐	6250.000	6690.941	122512.71	3.8490	P	2.3
6	☐	12500.000	12911.543	234881.06	7.3557	P	2.6
7	☐	25000.000	25323.412	437755.33	14.3527	P	1.2
8	☐	50000.000	49285.954	819274.68	27.8611	P	1.0
9	☐	250000.00	250077.46	4121345.40	141.0534	A	1.7

$$y = 5.6373\text{E-}004 * x + 0.0771$$

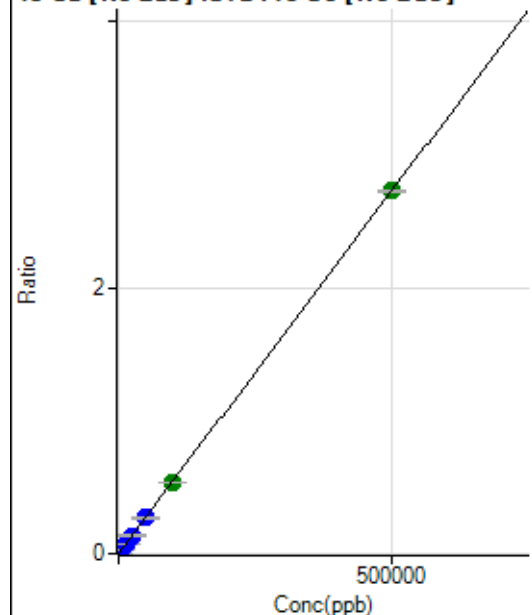
$$R = 1.0000$$

$$DL = 42.67$$

$$BEC = 136.8$$

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	2075.25	0.0005	P	2.2
2	☐	50.000					
3	☐	500.000	433.027	10723.95	0.0029	P	3.0
4	☐	5000.000	4999.887	102906.21	0.0278	P	4.2
5	☐	12500.000	12437.524	256991.31	0.0683	P	0.3
6	☐	25000.000	25087.068	505613.87	0.1371	P	2.1
7	☐	50000.000	49020.031	973791.21	0.2674	P	0.5
8	☐	100000.00	98240.634	1889153.06	0.5354	A	0.8
9	☐	500000.00	500447.14	9289384.15	2.7250	A	0.6

$$y = 5.4441\text{E-}006 * x + 5.4557\text{E-}004$$

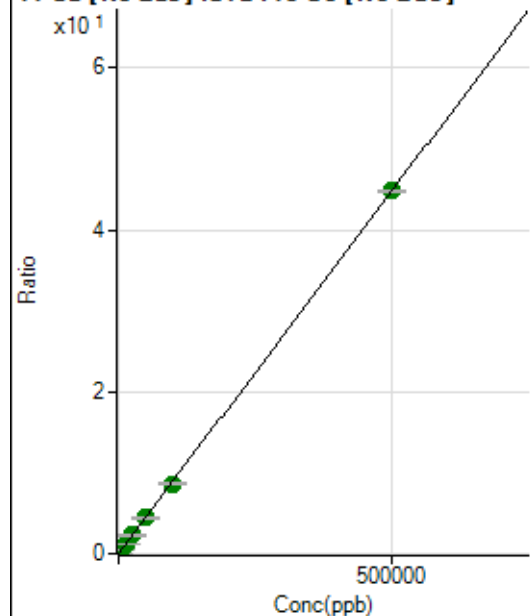
$$R = 1.0000$$

$$DL = 6.739$$

$$BEC = 100.2$$

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	32413.29	0.0085	P	1.8
2	☐	50.000					
3	☐	500.000	444.485	178361.87	0.0483	P	0.7
4	☐	5000.000	5119.521	1728914.47	0.4664	A	3.6
5	☐	12500.000	12474.790	4233093.32	1.1243	A	0.3
6	☐	25000.000	25131.380	8319929.61	2.2564	A	2.2
7	☐	50000.000	49072.404	16014130.57	4.3977	A	0.6
8	☐	100000.00	96546.088	30501657.63	8.6439	A	0.7
9	☐	500000.00	500776.46	152719102.0	44.7996	A	0.2

$$y = 8.9443\text{E-}005 * x + 0.0085$$

$$R = 1.0000$$

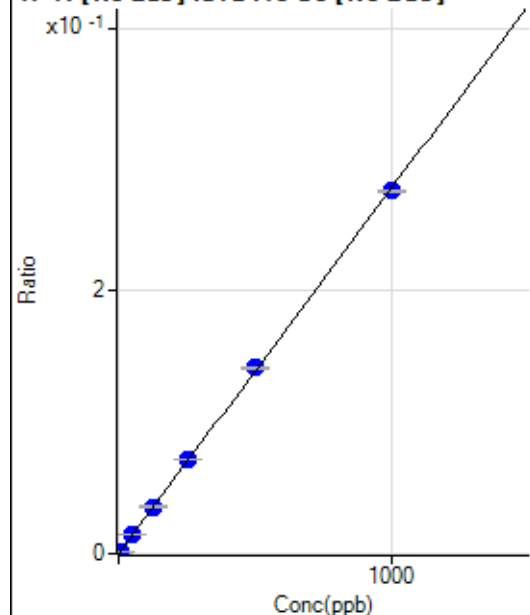
$$DL = 5.143$$

$$BEC = 95.27$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	9.0
2	☐	0.500					
3	☐	5.000	4.310	4517.60	0.0012	P	2.7
4	☐	50.000	51.993	53687.22	0.0145	P	3.1
5	☐	125.000	128.753	134888.27	0.0358	P	0.5
6	☐	250.000	258.725	265420.21	0.0720	P	0.8
7	☐	500.000	508.832	515334.21	0.1415	P	0.6
8	☐	1000.000	992.837	974314.73	0.2761	P	0.4
9	☐			880.63	0.0003	P	7.0

$$y = 2.7808\text{E-}004 * x + 2.4098\text{E-}005$$

$$R = 0.9999$$

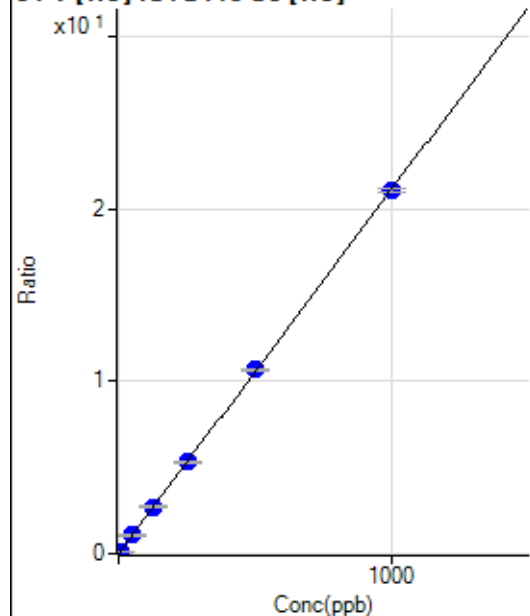
$$DL = 0.02331$$

$$BEC = 0.08666$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0007	P	24.2
2	☐	0.500					
3	☐	5.000	4.590	3051.49	0.0977	P	5.0
4	☐	50.000	50.471	34328.84	1.0670	P	1.9
5	☐	125.000	129.256	86933.01	2.7315	P	2.9
6	☐	250.000	251.446	169661.69	5.3130	P	1.8
7	☐	500.000	506.114	326152.53	10.6933	P	0.9
8	☐	1000.000	996.028	618798.30	21.0436	P	1.1
9	☐			197.79	0.0068	P	10.4

$$y = 0.0211 * x + 7.1870\text{E-}004$$

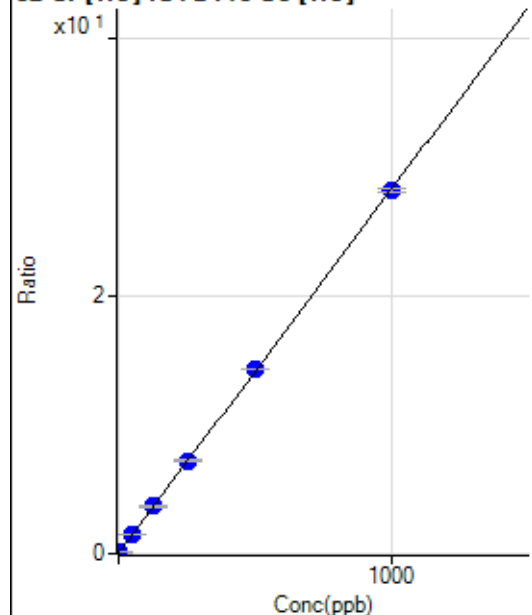
$$R = 1.0000$$

$$DL = 0.02469$$

$$BEC = 0.03402$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	798.93	0.0246	P	4.0
2	☐	0.200					
3	☐	2.000	2.051	2579.17	0.0826	P	6.6
4	☐	50.000	51.667	47795.99	1.4855	P	1.0
5	☐	125.000	130.297	118031.24	3.7087	P	3.0
6	☐	250.000	254.301	230393.94	7.2148	P	1.8
7	☐	500.000	505.525	436713.60	14.3180	P	0.7
8	☐	1000.000	995.417	828345.93	28.1694	P	1.0
9	☐			3718.33	0.1273	P	4.3

$$y = 0.0283 * x + 0.0246$$

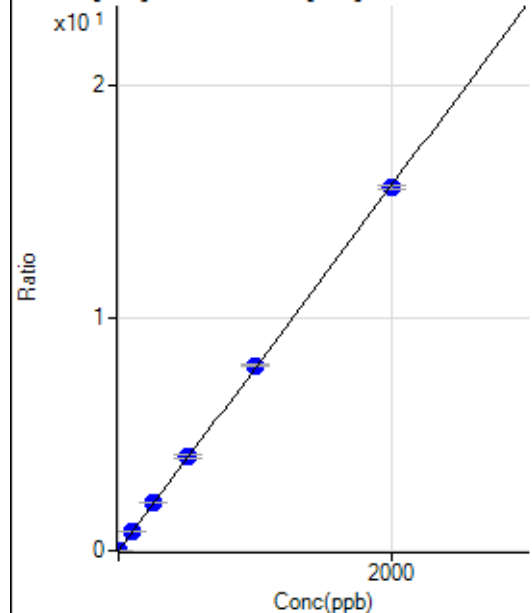
$$R = 1.0000$$

$$DL = 0.1049$$

$$BEC = 0.8711$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46.67	0.0014	P	20.6
2	☐	0.100					
3	☐	1.000	0.909	267.79	0.0086	P	6.0
4	☐	100.000	105.742	26709.03	0.8301	P	0.9
5	☐	250.000	264.340	65978.38	2.0730	P	2.6
6	☐	500.000	515.833	129128.96	4.0438	P	2.2
7	☐	1000.000	1015.207	242703.40	7.9572	P	0.6
8	☐	2000.000	1986.359	457778.26	15.5678	P	1.1
9	☐			1192.29	0.0408	P	6.3

$$y = 0.0078 * x + 0.0014$$

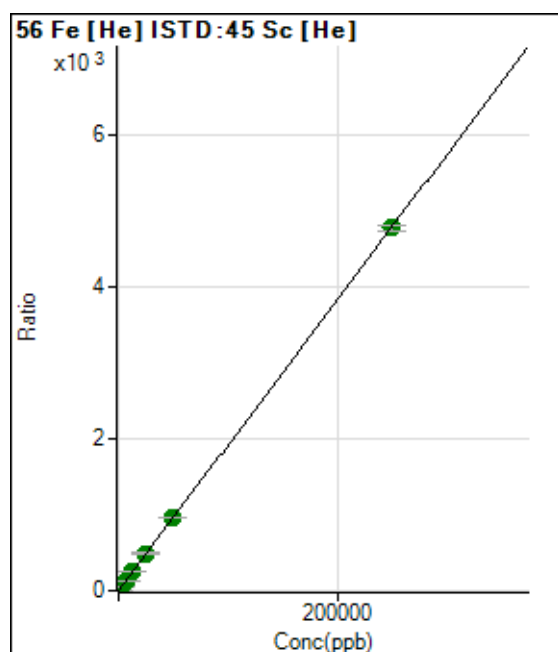
$$R = 0.9999$$

$$DL = 0.1131$$

$$BEC = 0.1833$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1839.07	0.0567	P	8.1
2	☐	5.000					
3	☐	50.000	47.648	30172.14	0.9661	P	5.1
4	☐	2500.000	2646.694	1627164.72	50.5720	A	1.0
5	☐	6250.000	6693.946	4068516.58	127.8186	A	2.2
6	☐	12500.000	12848.644	7833006.48	245.2882	A	1.6
7	☐	25000.000	25775.632	15007103.46	492.0151	A	0.4
8	☐	50000.000	50274.208	28217884.66	959.5993	A	1.1
9	☐	250000.00	249837.59	139326848.4	4,768.502	A	1.3

$$y = 0.0191 * x + 0.0567$$

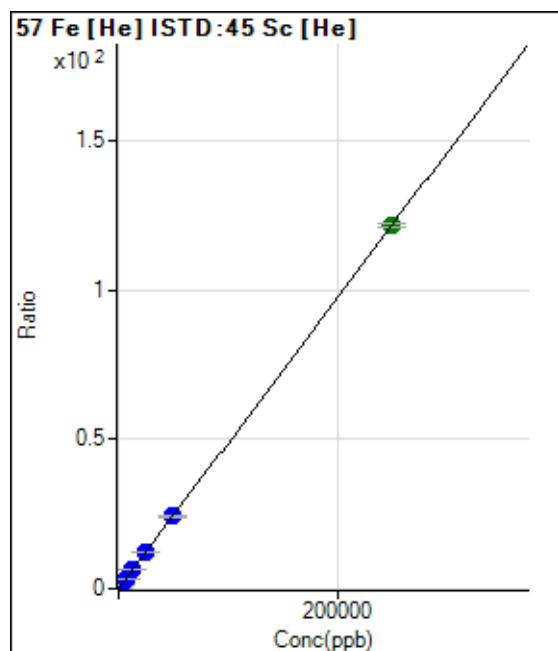
$$R = 1.0000$$

$$DL = 0.7213$$

$$BEC = 2.971$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.82	0.0020	P	11.0
2	☐	5.000					
3	☐	50.000	43.876	729.67	0.0233	P	2.2
4	☐	2500.000	2599.737	40741.75	1.2661	P	0.5
5	☐	6250.000	6587.296	101998.06	3.2050	P	3.3
6	☐	12500.000	12741.138	197898.13	6.1973	P	1.9
7	☐	25000.000	25505.154	378328.26	12.4037	P	1.1
8	☐	50000.000	49785.793	711923.10	24.2099	P	0.7
9	☐	250000.00	249970.84	3551479.86	121.5483	A	1.0

$$y = 4.8624E-004 * x + 0.0020$$

$$R = 1.0000$$

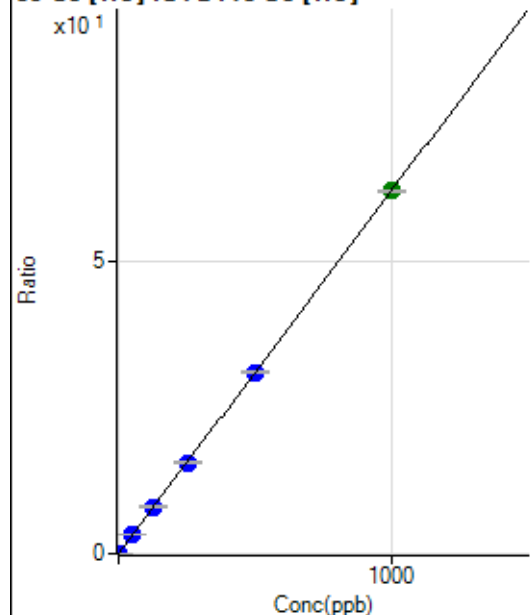
$$DL = 1.363$$

$$BEC = 4.112$$

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	118.89	0.0037	P	24.7
2	☐	0.100					
3	☐	1.000	0.923	1909.06	0.0611	P	4.2
4	☐	50.000	50.829	101885.42	3.1668	P	1.9
5	☐	125.000	128.725	255086.80	8.0143	P	2.5
6	☐	250.000	249.956	496848.46	15.5587	P	1.6
7	☐	500.000	499.598	948397.11	31.0942	P	0.8
8	☐	1000.000	999.705	1829564.16	62.2164	A	0.7
9	☐			2219.12	0.0759	P	6.2

$$y = 0.0622 * x + 0.0037$$

$$R = 1.0000$$

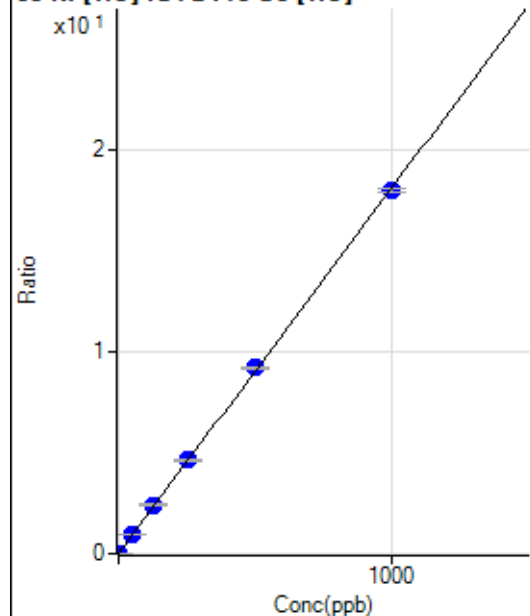
$$DL = 0.04363$$

$$BEC = 0.05882$$

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	183.34	0.0057	P	5.3
2	☐	0.100					
3	☐	1.000	1.007	745.59	0.0239	P	9.6
4	☐	50.000	52.223	30540.32	0.9493	P	1.8
5	☐	125.000	131.932	76032.71	2.3895	P	4.0
6	☐	250.000	255.834	147799.62	4.6282	P	1.4
7	☐	500.000	508.945	280656.77	9.2016	P	0.6
8	☐	1000.000	993.091	527811.17	17.9494	P	1.2
9	☐			1482.33	0.0507	P	1.1

$$y = 0.0181 * x + 0.0057$$

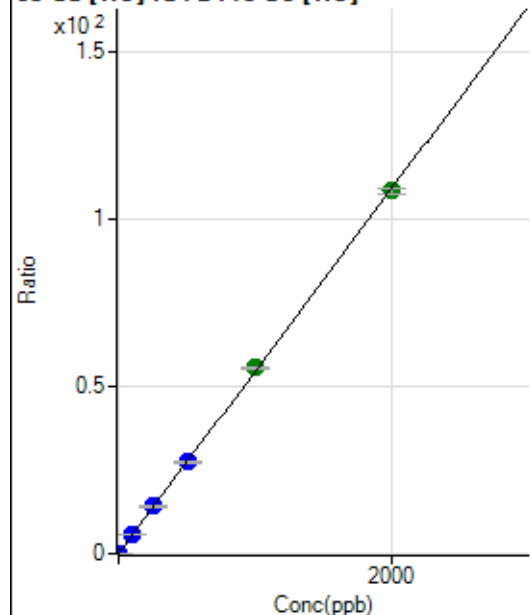
$$R = 0.9999$$

$$DL = 0.04951$$

$$BEC = 0.3128$$

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	776.70	0.0240	P	8.3
2	☐	0.200					
3	☐	2.000	1.893	3966.19	0.1271	P	7.3
4	☐	100.000	102.057	179659.13	5.5838	P	1.0
5	☐	250.000	259.842	451300.11	14.1795	P	2.7
6	☐	500.000	502.827	875531.58	27.4167	P	1.4
7	☐	1000.000	1018.915	1693770.48	55.5318	A	0.8
8	☐	2000.000	1988.503	3186134.19	108.3526	A	1.3
9	☐			4912.06	0.1681	P	2.5

$$y = 0.0545 * x + 0.0240$$

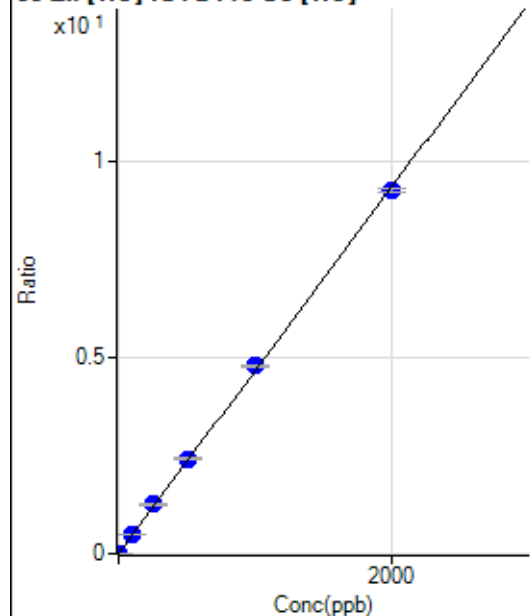
$$R = 0.9999$$

$$DL = 0.1089$$

$$BEC = 0.4397$$

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	35.55	0.0011	P	43.6
2	☐	0.200					
3	☐	2.000	2.246	361.12	0.0116	P	14.3
4	☐	100.000	107.664	16215.26	0.5040	P	1.9
5	☐	250.000	267.802	39843.91	1.2520	P	3.3
6	☐	500.000	517.507	77231.16	2.4184	P	1.1
7	☐	1000.000	1024.731	146029.80	4.7876	P	0.3
8	☐	2000.000	1980.649	272079.61	9.2527	P	1.2
9	☐			1423.43	0.0487	P	2.4

$$y = 0.0047 * x + 0.0011$$

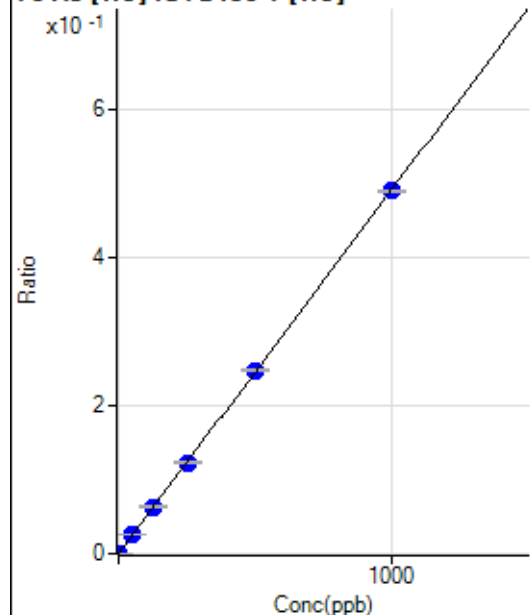
$$R = 0.9998$$

$$DL = 0.3063$$

$$BEC = 0.2341$$

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	5.56	0.0000	P	33.8
2	☐	0.100					
3	☐	1.000	0.946	109.88	0.0005	P	14.7
4	☐	50.000	50.541	5801.89	0.0249	P	1.1
5	☐	125.000	127.798	14480.51	0.0628	P	3.3
6	☐	250.000	250.896	28394.60	0.1234	P	0.4
7	☐	500.000	503.406	54497.01	0.2475	P	0.8
8	☐	1000.000	997.696	101397.96	0.4905	P	0.4
9	☐			36.42	0.0002	P	30.6

$$y = 4.9161\text{E-}004 * x + 2.3453\text{E-}005$$

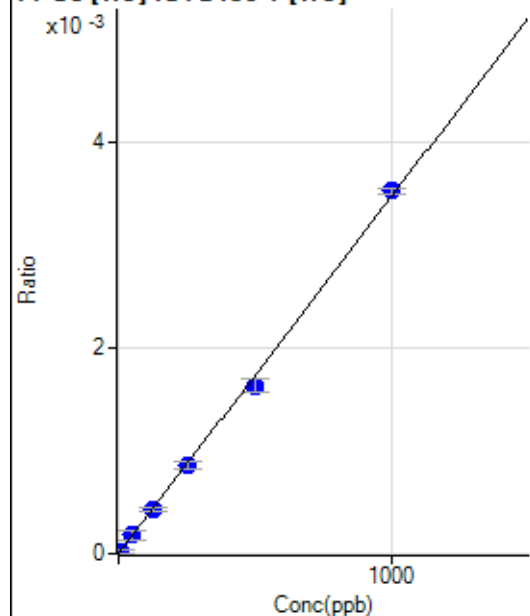
$$R = 1.0000$$

$$DL = 0.04839$$

$$BEC = 0.04771$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.835	4.44	0.0000	P	117.3
4	☐	50.000	52.060	42.22	0.0002	P	57.6
5	☐	125.000	123.737	98.89	0.0004	P	6.5
6	☐	250.000	247.446	197.78	0.0009	P	10.1
7	☐	500.000	469.401	358.90	0.0016	P	7.7
8	☐	1000.000	1015.989	728.92	0.0035	P	1.8
9	☐			2.22	0.0000	P	86.6

$$y = 3.4707\text{E-}006 * x + 0.0000\text{E+}000$$

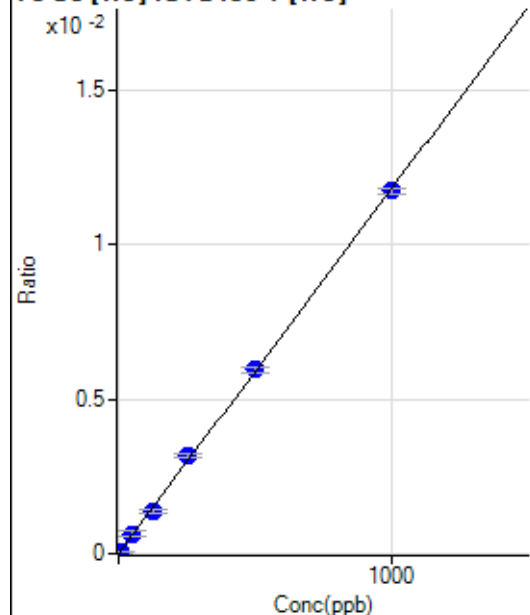
$$R = 0.9993$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.316	15.43	0.0001	P	21.9
4	☐	50.000	54.895	152.47	0.0007	P	24.0
5	☐	125.000	116.141	317.91	0.0014	P	9.2
6	☐	250.000	267.034	727.19	0.0032	P	3.4
7	☐	500.000	503.770	1311.19	0.0060	P	3.2
8	☐	1000.000	994.717	2429.86	0.0118	P	1.6
9	☐			3.70	0.0000	P	86.5

$$y = 1.1811\text{E-}005 * x + 5.2009\text{E-}006$$

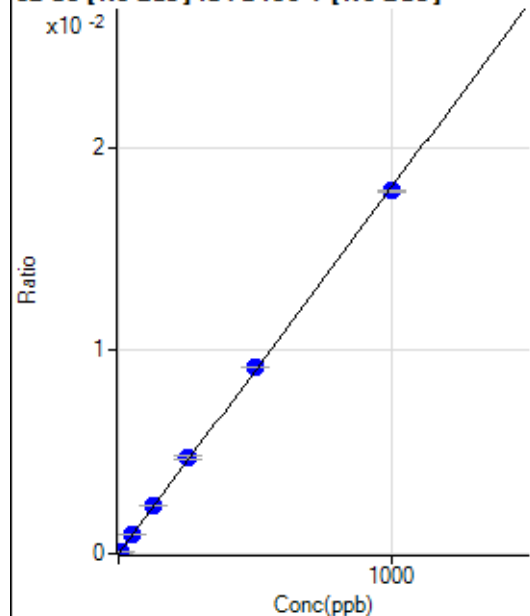
$$R = 0.9997$$

$$DL = 1.144$$

$$BEC = 0.4403$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-65.40	0.0000	P	-108.
2	☐	0.500					
3	☐	5.000	4.974	607.20	0.0001	P	3.0
4	☐	50.000	52.612	6964.23	0.0009	P	0.4
5	☐	125.000	130.003	17598.67	0.0023	P	0.4
6	☐	250.000	262.700	35067.95	0.0047	P	3.1
7	☐	500.000	510.600	67894.42	0.0092	P	0.2
8	☐	1000.000	990.769	128577.35	0.0179	P	0.8
9	☐			58.51	0.0000	P	37.4

$$y = 1.8046\text{E-}005 * x - 8.6379\text{E-}006$$

$$R = 0.9998$$

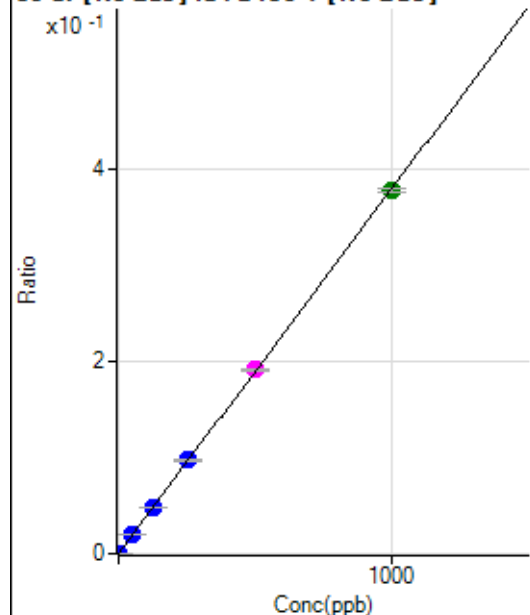
$$DL = 1.555$$

$$BEC = -0.4787$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	963.97	0.0001	P	6.0
2	☐	0.100					
3	☐	1.000	0.904	3522.86	0.0005	P	6.4
4	☐	50.000	51.536	145697.66	0.0197	P	1.8
5	☐	125.000	126.897	363565.81	0.0483	P	0.6
6	☐	250.000	256.641	722833.72	0.0975	P	2.4
7	☐	500.000	505.584	1416128.85	0.1920	M	1.2
8	☐	1000.000	995.234	2718433.85	0.3778	A	1.0
9	☐			91022.17	0.0130	P	1.0

$$y = 3.7951\text{E-}004 * x + 1.2750\text{E-}004$$

$$R = 1.0000$$

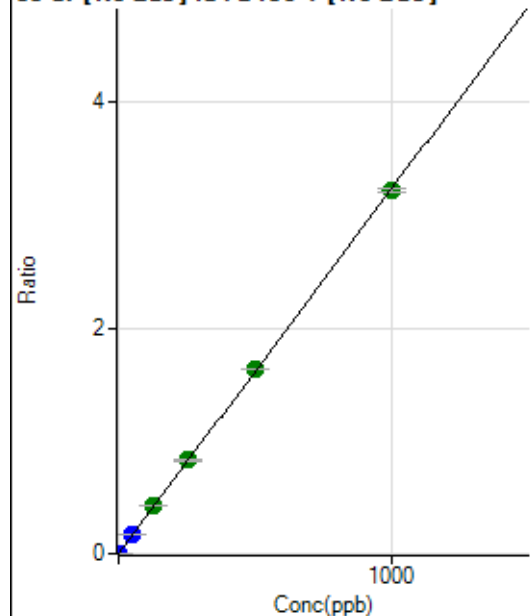
$$DL = 0.06042$$

$$BEC = 0.336$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	20.1
2	☐	0.100					
3	☐	1.000	0.917	22349.71	0.0030	P	2.3
4	☐	50.000	51.738	1237317.70	0.1672	P	2.8
5	☐	125.000	130.951	3186304.98	0.4232	A	0.6
6	☐	250.000	257.506	6168353.78	0.8321	A	1.5
7	☐	500.000	505.227	12041418.24	1.6326	A	0.3
8	☐	1000.000	994.679	23126232.29	3.2143	A	0.9
9	☐			784298.88	0.1120	P	0.9

$$y = 0.0032 * x + 2.2782\text{E-}005$$

$$R = 0.9999$$

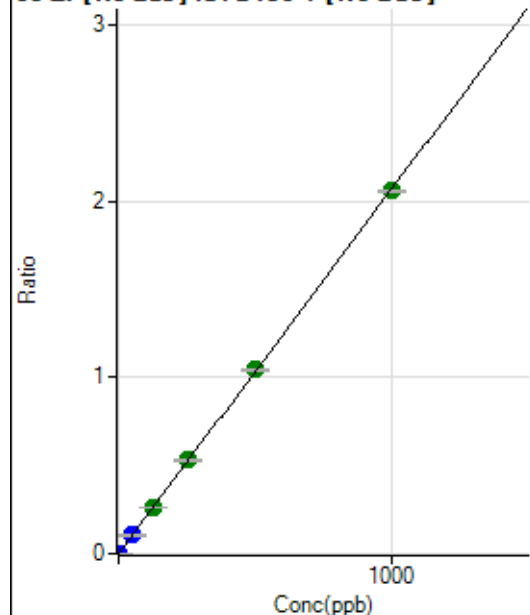
$$DL = 0.004258$$

$$BEC = 0.00705$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.24	0.0000	P	7.9
2	☐	0.100					
3	☐	1.000	0.835	13307.00	0.0018	P	3.3
4	☐	50.000	50.315	771136.03	0.1042	P	1.7
5	☐	125.000	127.627	1989332.36	0.2642	A	0.2
6	☐	250.000	256.794	3939775.18	0.5316	A	2.4
7	☐	500.000	504.509	7702171.44	1.0443	A	1.3
8	☐	1000.000	995.703	14828938.35	2.0610	A	0.5
9	☐			4678.82	0.0007	P	7.9

$$y = 0.0021 * x + 4.9241E-005$$

$$R = 1.0000$$

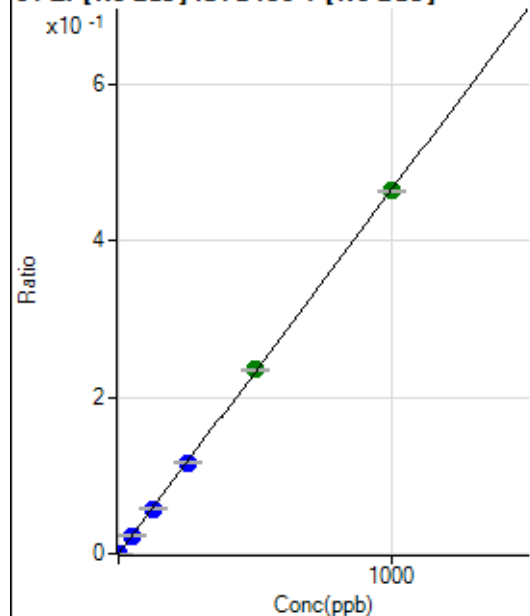
$$DL = 0.00563$$

$$BEC = 0.02379$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.22	0.0000	P	39.8
2	☐	0.100					
3	☐	1.000	0.819	2950.47	0.0004	P	2.3
4	☐	50.000	49.652	171088.07	0.0231	P	2.6
5	☐	125.000	124.130	435051.70	0.0578	P	0.7
6	☐	250.000	250.068	862658.49	0.1164	P	2.3
7	☐	500.000	505.659	1735752.17	0.2353	A	1.4
8	☐	1000.000	997.280	3339378.42	0.4641	A	0.9
9	☐			1019.54	0.0001	P	15.6

$$y = 4.6539E-004 * x + 1.2866E-005$$

$$R = 1.0000$$

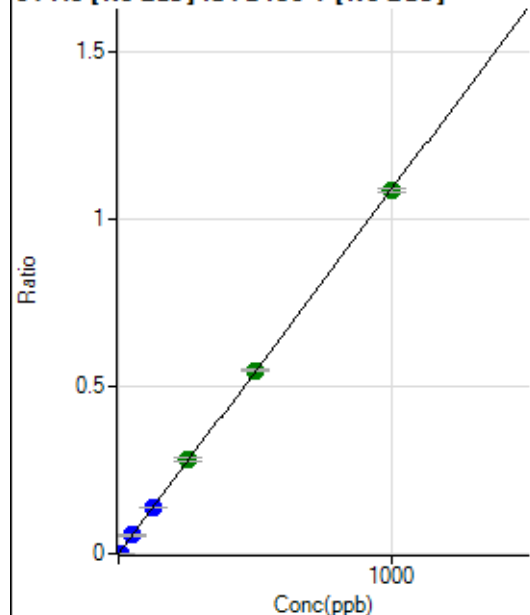
$$DL = 0.03298$$

$$BEC = 0.02765$$

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	300.01	0.0000	P	10.2
2	☐	0.500					
3	☐	5.000	1.867	15531.73	0.0021	P	1.8
4	☐	50.000	50.125	404663.69	0.0547	P	2.4
5	☐	125.000	125.029	1026531.17	0.1363	P	1.0
6	☐	250.000	258.094	2085558.03	0.2814	A	2.8
7	☐	500.000	503.878	4051594.49	0.5493	A	0.9
8	☐	1000.000	996.043	7812552.00	1.0859	A	1.1
9	☐			4664.89	0.0007	P	4.3

$$y = 0.0011 * x + 3.9691E-005$$

$$R = 0.9999$$

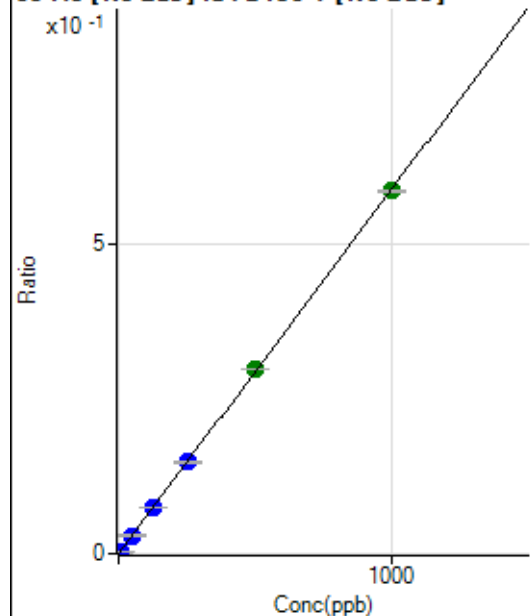
$$DL = 0.01116$$

$$BEC = 0.03641$$

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	194.45	0.0000	P	6.3
2	☐	0.500					
3	☐	5.000	4.209	18688.58	0.0025	P	1.7
4	☐	50.000	50.096	217801.26	0.0294	P	3.2
5	☐	125.000	125.037	552893.46	0.0734	P	0.8
6	☐	250.000	250.969	1092205.32	0.1474	P	2.5
7	☐	500.000	506.792	2194595.82	0.2976	A	0.7
8	☐	1000.000	996.356	4208850.83	0.5850	A	0.7
9	☐			4909.45	0.0007	P	2.8

$$y = 5.8708E-004 * x + 2.5720E-005$$

$$R = 1.0000$$

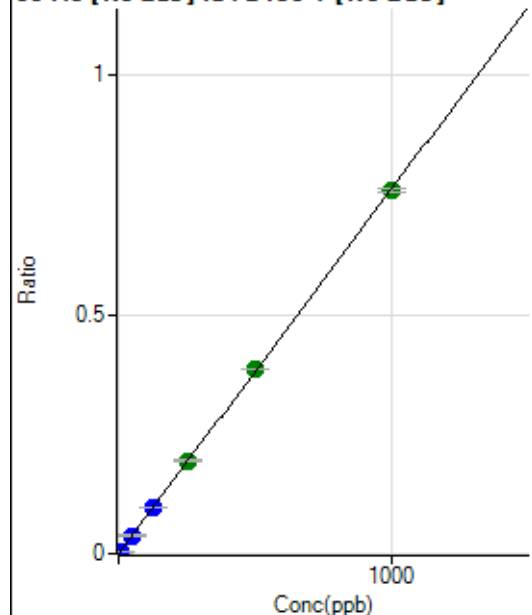
$$DL = 0.008271$$

$$BEC = 0.04381$$

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	269.46	0.0000	P	14.4
2	☐	0.500					
3	☐	5.000	3.717	21484.35	0.0029	P	2.9
4	☐	50.000	49.561	279976.96	0.0378	P	2.5
5	☐	125.000	124.091	712831.21	0.0947	P	0.3
6	☐	250.000	255.592	1445035.70	0.1950	A	2.5
7	☐	500.000	507.154	2852973.81	0.3868	A	0.7
8	☐	1000.000	995.167	5460903.68	0.7590	A	1.2
9	☐			8008.35	0.0011	P	3.0

$$y = 7.6266\text{E-}004 * x + 3.5638\text{E-}005$$

$$R = 0.9999$$

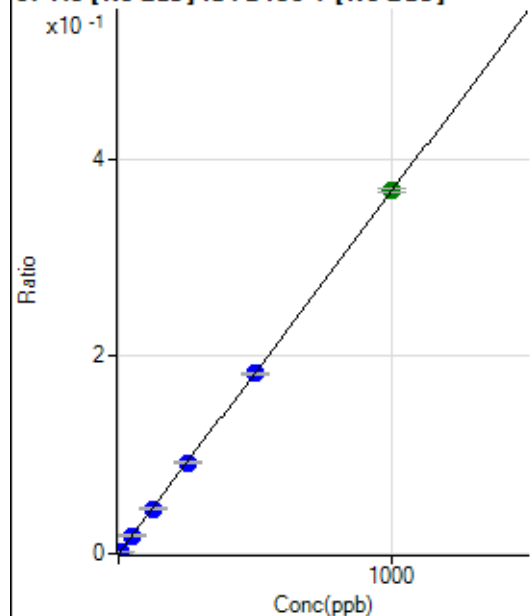
$$DL = 0.02023$$

$$BEC = 0.04673$$

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	172.23	0.0000	P	23.8
2	☐	0.500					
3	☐	5.000	4.348	12114.30	0.0016	P	1.2
4	☐	50.000	49.919	135729.62	0.0183	P	3.3
5	☐	125.000	124.309	343682.14	0.0456	P	1.1
6	☐	250.000	251.517	684359.68	0.0923	P	2.3
7	☐	500.000	496.372	1343794.94	0.1822	P	0.7
8	☐	1000.000	1001.529	2644785.74	0.3676	A	1.2
9	☐			3083.83	0.0004	P	6.0

$$y = 3.6702\text{E-}004 * x + 2.2781\text{E-}005$$

$$R = 1.0000$$

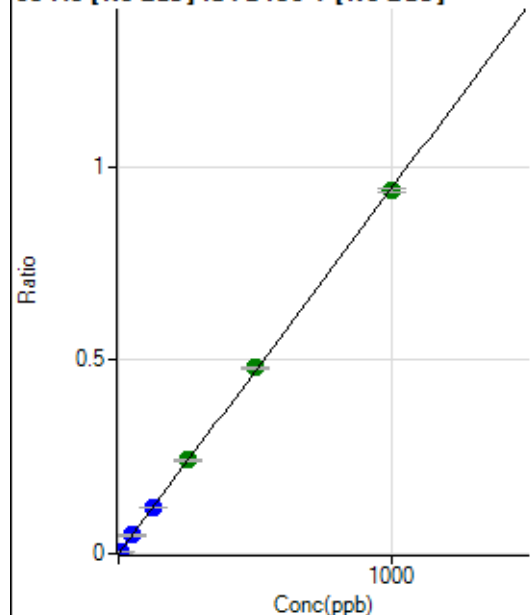
$$DL = 0.04435$$

$$BEC = 0.06207$$

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	327.80	0.0000	P	10.5
2	☐	0.500					
3	☐	5.000	4.220	30103.97	0.0040	P	0.9
4	☐	50.000	50.131	350089.94	0.0473	P	2.9
5	☐	125.000	124.609	884985.80	0.1175	P	0.6
6	☐	250.000	257.635	1800935.85	0.2430	A	1.9
7	☐	500.000	509.779	3545484.84	0.4807	A	0.7
8	☐	1000.000	993.248	6738530.88	0.9366	A	1.0
9	☐			7596.88	0.0011	P	1.8

$$y = 9.4291\text{E-}004 * x + 4.3368\text{E-}005$$

$$R = 0.9999$$

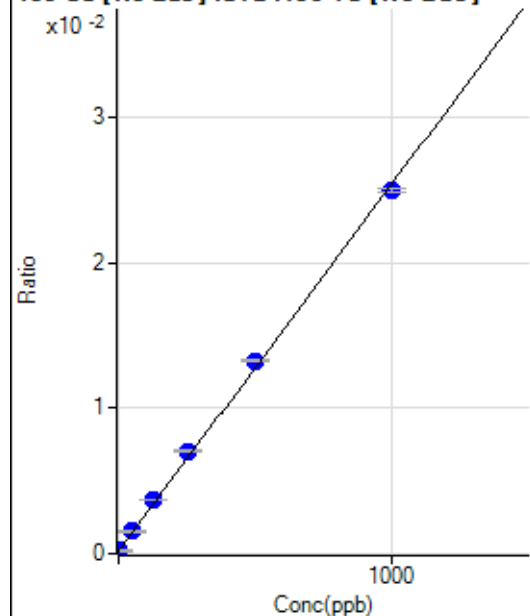
$$DL = 0.01446$$

$$BEC = 0.04599$$

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	1575.17	0.0002	P	11.6
2	☐	0.100					
3	☐	1.000	0.617	1694.63	0.0002	P	6.0
4	☐	50.000	53.910	13004.03	0.0015	P	4.0
5	☐	125.000	139.408	31420.87	0.0037	P	0.9
6	☐	250.000	272.679	60313.40	0.0071	P	2.4
7	☐	500.000	519.673	117438.12	0.0133	P	1.2
8	☐	1000.000	982.498	221540.44	0.0249	P	1.0
9	☐			1647.40	0.0002	P	8.8

$$y = 2.5191\text{E-}005 * x + 1.8495\text{E-}004$$

$$R = 0.9994$$

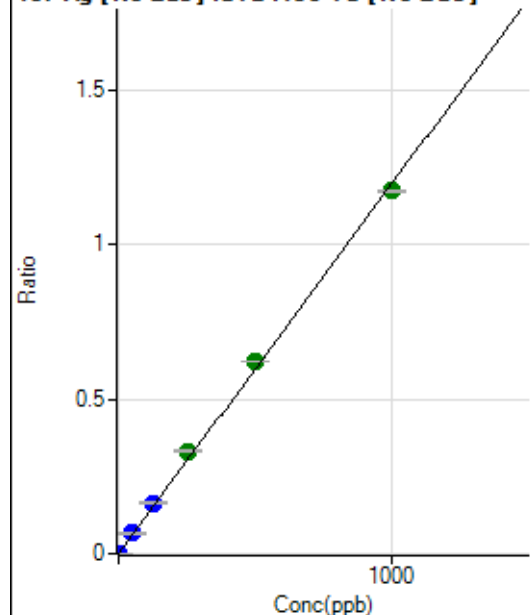
$$DL = 2.555$$

$$BEC = 7.342$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.23	0.0000	P	35.0
2	☐	0.100					
3	☐	1.000	1.277	12967.94	0.0015	P	3.2
4	☐	50.000	54.986	554038.05	0.0657	P	2.0
5	☐	125.000	137.464	1396360.11	0.1643	P	0.9
6	☐	250.000	275.914	2819318.10	0.3297	A	1.9
7	☐	500.000	519.754	5494465.19	0.6211	A	0.2
8	☐	1000.000	981.837	10425023.59	1.1734	A	0.6
9	☐			1930.78	0.0002	P	11.9

$$y = 0.0012 * x + 8.4741E-006$$

$$R = 0.9993$$

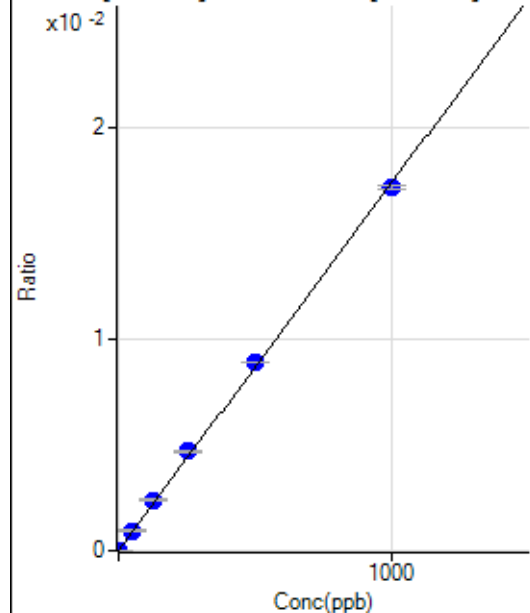
$$DL = 0.007441$$

$$BEC = 0.007091$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	57.2
2	☐	0.100					
3	☐	1.000	0.774	125.00	0.0000	P	20.2
4	☐	50.000	54.492	8008.10	0.0010	P	4.1
5	☐	125.000	138.279	20475.58	0.0024	P	1.5
6	☐	250.000	270.292	40246.27	0.0047	P	2.6
7	☐	500.000	512.425	78937.77	0.0089	P	0.9
8	☐	1000.000	986.831	152679.90	0.0172	P	0.9
9	☐			69.44	0.0000	P	44.6

$$y = 1.7412E-005 * x + 1.3054E-006$$

$$R = 0.9996$$

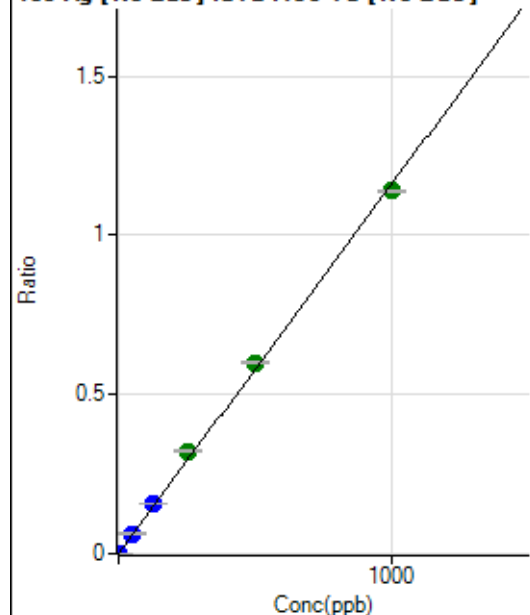
$$DL = 0.1287$$

$$BEC = 0.07497$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.2
2	☐	0.100					
3	☐	1.000	1.248	12256.10	0.0014	P	1.4
4	☐	50.000	54.525	532901.24	0.0632	P	2.5
5	☐	125.000	135.171	1331997.98	0.1567	P	1.0
6	☐	250.000	277.234	2747974.82	0.3214	A	2.3
7	☐	500.000	518.106	5313484.62	0.6007	A	0.6
8	☐	1000.000	982.641	10122014.38	1.1392	A	0.2
9	☐			1725.18	0.0002	P	7.3

$$y = 0.0012 * x + 2.6100E-006$$

$$R = 0.9993$$

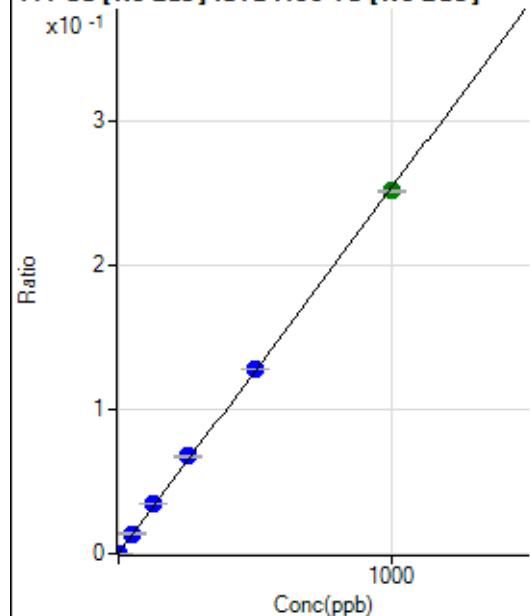
$$DL = 0.003865$$

$$BEC = 0.002251$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1186.51	0.0001	P	11.0
2	☐	0.100					
3	☐	1.000	0.972	3255.90	0.0004	P	2.9
4	☐	50.000	54.084	116473.65	0.0138	P	2.8
5	☐	125.000	134.527	290373.09	0.0342	P	0.7
6	☐	250.000	266.010	576375.71	0.0674	P	2.2
7	☐	500.000	505.161	1131377.12	0.1279	P	0.3
8	☐	1000.000	992.022	2230344.57	0.2510	A	0.9
9	☐			1689.32	0.0002	P	12.3

$$y = 2.5291E-004 * x + 1.3930E-004$$

$$R = 0.9998$$

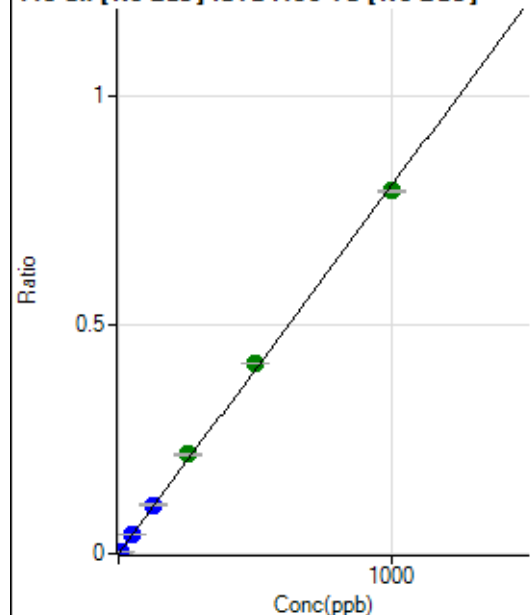
$$DL = 0.1816$$

$$BEC = 0.5508$$

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	1640.40	0.0002	P	70.3
2	☐	0.500					
3	☐	5.000	4.521	32406.88	0.0038	P	1.9
4	☐	50.000	53.202	362782.15	0.0430	P	2.4
5	☐	125.000	133.070	912447.07	0.1074	P	0.2
6	☐	250.000	269.192	1854774.26	0.2170	A	3.0
7	☐	500.000	515.663	3674970.26	0.4155	A	0.3
8	☐	1000.000	986.204	7057808.23	0.7944	A	0.4
9	☐			7171.71	0.0008	P	4.8

$$y = 8.0529E-004 * x + 1.9300E-004$$

$$R = 0.9996$$

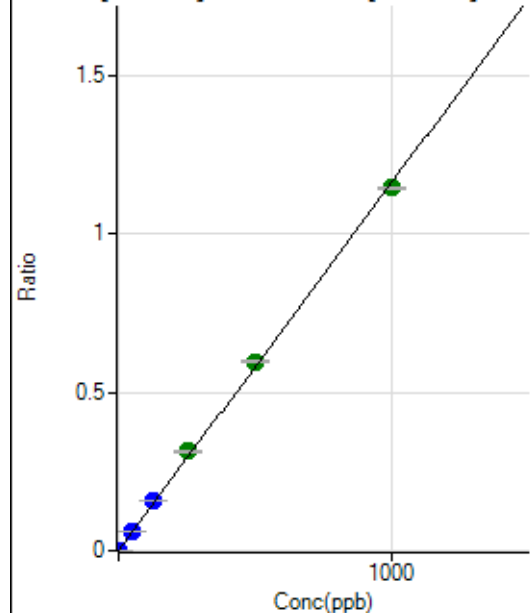
$$DL = 0.5055$$

$$BEC = 0.2397$$

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	50.01	0.0000	P	29.0
2	☐	0.200					
3	☐	2.000	1.925	18933.59	0.0022	P	1.4
4	☐	50.000	53.850	526782.75	0.0625	P	3.2
5	☐	125.000	134.646	1328139.04	0.1563	P	1.0
6	☐	250.000	270.464	2683524.28	0.3139	A	2.2
7	☐	500.000	514.283	5279407.28	0.5968	A	0.6
8	☐	1000.000	986.344	10170198.93	1.1447	A	0.3
9	☐			22970.62	0.0026	P	1.0

$$y = 0.0012 * x + 5.8742E-006$$

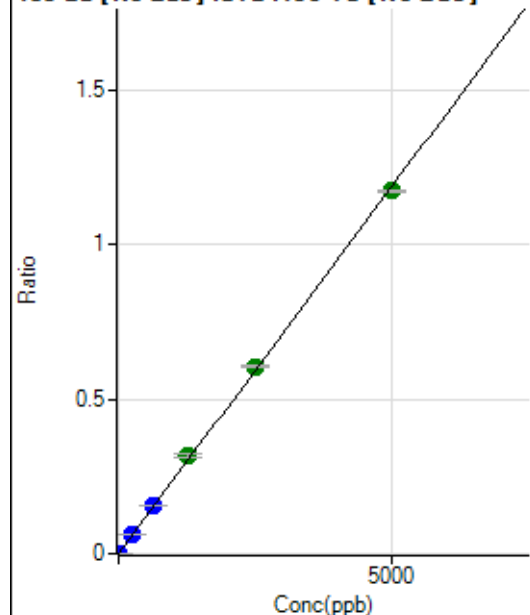
$$R = 0.9996$$

$$DL = 0.004411$$

$$BEC = 0.005062$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	17.4
2	☐	1.000					
3	☐	10.000	8.961	18124.15	0.0021	P	1.1
4	☐	250.000	262.669	524967.36	0.0623	P	2.7
5	☐	625.000	662.640	1335114.86	0.1571	P	0.1
6	☐	1250.000	1338.658	2712833.57	0.3173	A	2.4
7	☐	2500.000	2549.189	5344890.05	0.6042	A	0.6
8	☐	5000.000	4947.905	10419909.61	1.1728	A	0.3
9	☐			4609.37	0.0005	P	5.8

$$y = 2.3702\text{E-}004 * x + 2.0230\text{E-}005$$

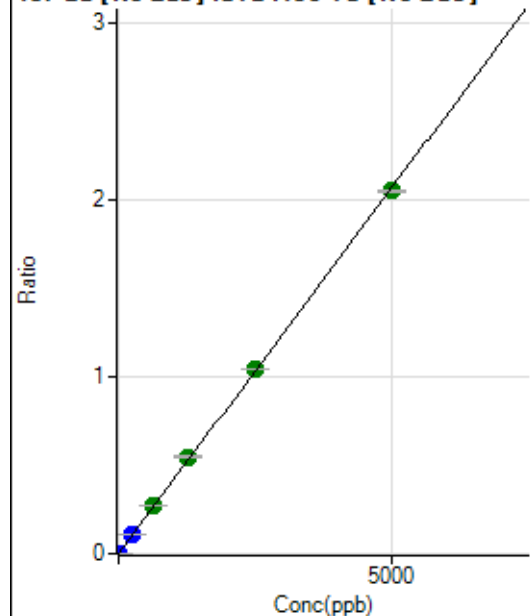
$$R = 0.9997$$

$$DL = 0.04445$$

$$BEC = 0.08535$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.24	0.0000	P	25.0
2	☐	1.000					
3	☐	10.000	8.987	31727.94	0.0038	P	1.5
4	☐	250.000	263.184	918308.58	0.1089	P	2.5
5	☐	625.000	666.782	2345392.85	0.2759	A	0.5
6	☐	1250.000	1326.554	4693407.62	0.5489	A	2.0
7	☐	2500.000	2525.199	9243248.12	1.0449	A	0.2
8	☐	5000.000	4962.382	18244114.81	2.0534	A	0.6
9	☐			8030.61	0.0009	P	8.4

$$y = 4.1379\text{E-}004 * x + 3.4879\text{E-}005$$

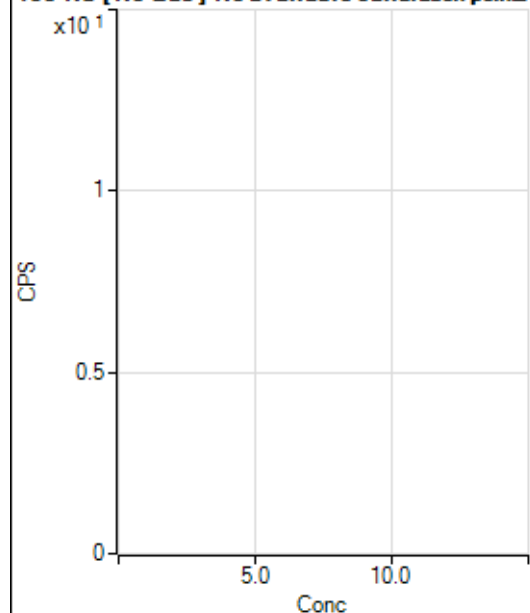
$$R = 0.9998$$

$$DL = 0.06315$$

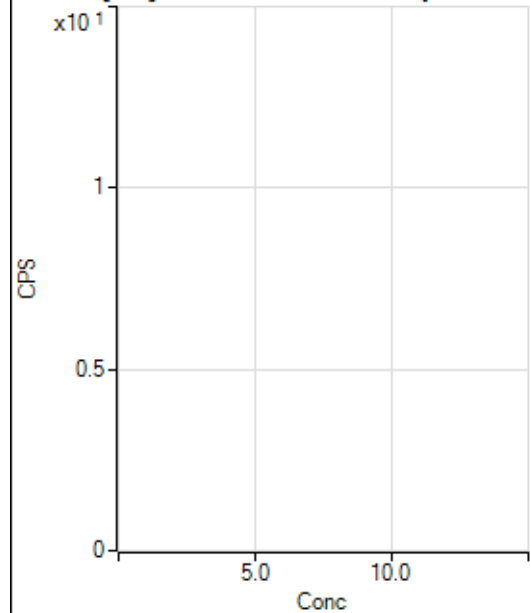
$$BEC = 0.08429$$

Weight: <None>

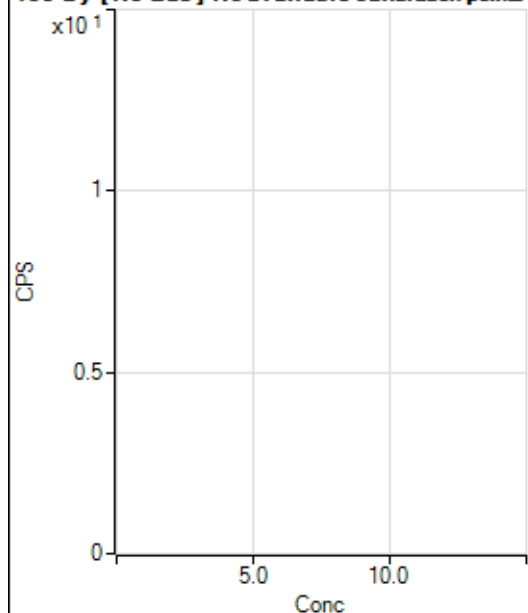
Min Conc: 0

150 Nd [No Gas] No available calibration points

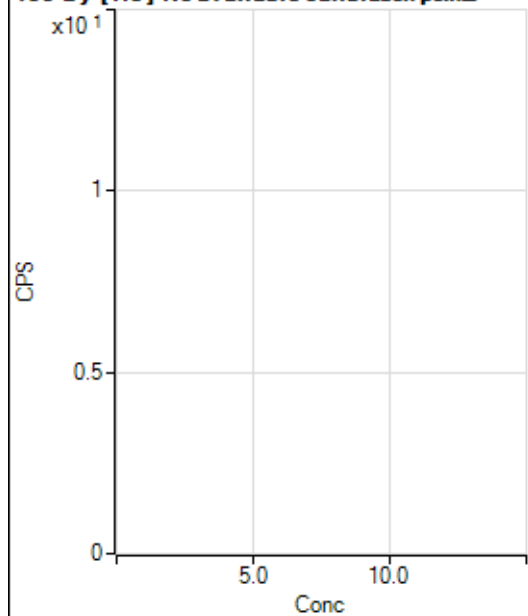
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	24.8
2	☐						
3	☐			13.33		P	132.3
4	☐			17.78		P	57.3
5	☐			44.45		P	22.9
6	☐			117.78		P	17.3
7	☐			228.90		P	33.5
8	☐			320.02		P	28.0
9	☐			104.45		P	36.3

150 Nd [He] No available calibration points

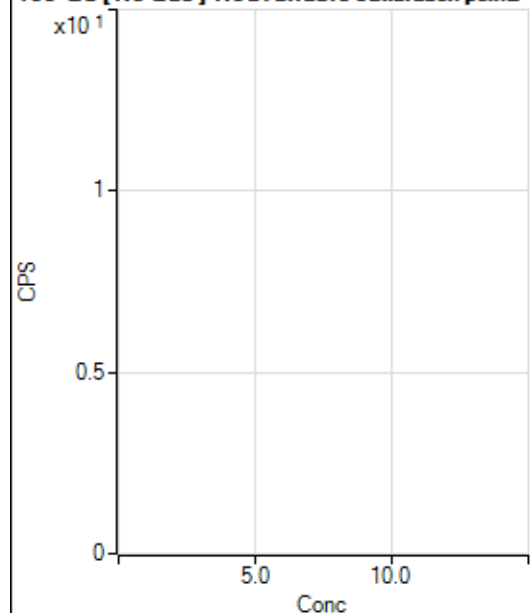
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	173.2
5	☐			3.33		P	0.0
6	☐			6.67		P	50.0
7	☐			8.89		P	21.6
8	☐			11.11		P	17.3
9	☐			18.89		P	51.0

156 Dy [No Gas] No available calibration points

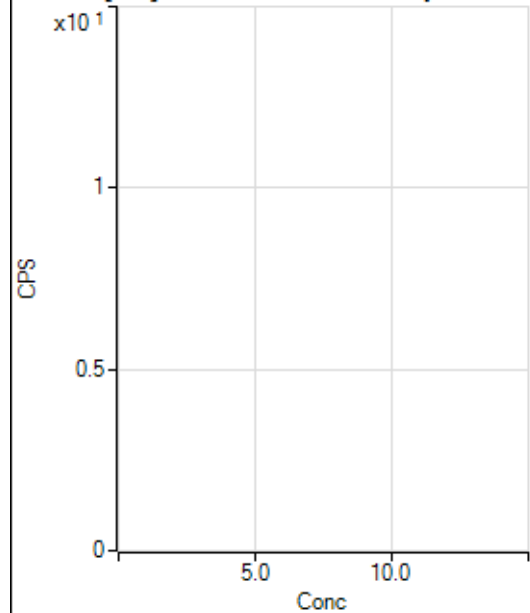
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			11.11		P	43.3
4	☐			22.22		P	43.3
5	☐			16.67		P	50.0
6	☐			69.45		P	6.9
7	☐			61.11		P	41.7
8	☐			155.56		P	20.3
9	☐			86.12		P	5.6

156 Dy [He] No available calibration points

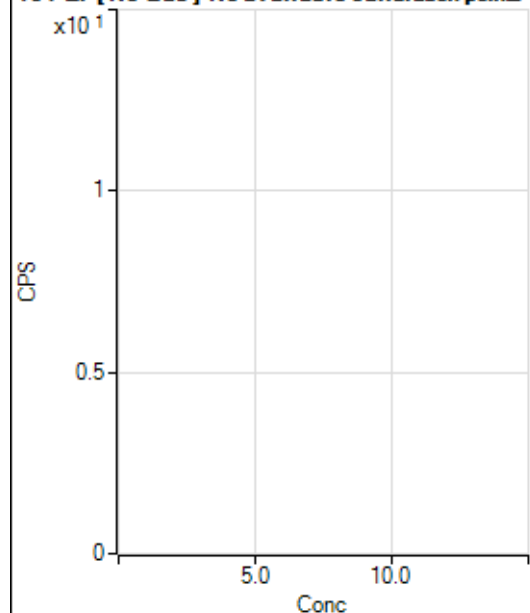
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			3.33		P	100.1
5	☐			3.33		P	0.0
6	☐			4.44		P	114.6
7	☐			18.89		P	36.7
8	☐			18.89		P	36.7
9	☐			16.67		P	40.0

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

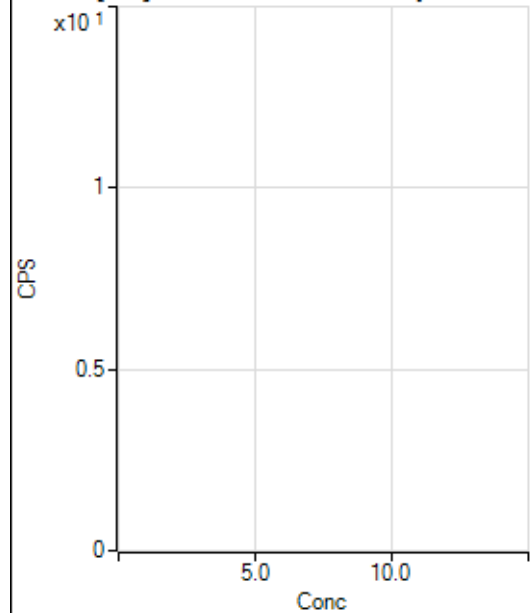
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	65.7
2	☐						
3	☐			63.89		P	41.9
4	☐			75.01		P	38.5
5	☐			61.12		P	34.3
6	☐			61.11		P	20.8
7	☐			116.67		P	25.8
8	☐			163.90		P	5.9
9	☐			94.45		P	22.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	66.8
2	☐						
3	☐			8.89		P	57.3
4	☐			10.00		P	57.7
5	☐			10.00		P	88.2
6	☐			10.00		P	88.2
7	☐			23.33		P	37.8
8	☐			26.67		P	25.0
9	☐			25.56		P	19.9

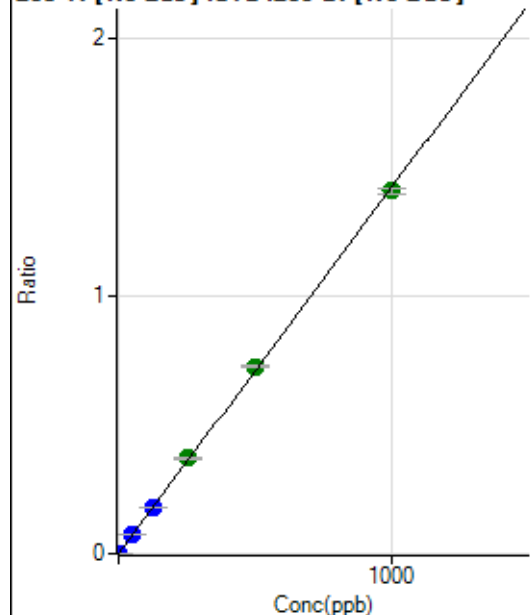
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			27.78		P	34.6
4	☐			44.45		P	28.7
5	☐			19.44		P	89.2
6	☐			38.89		P	12.4
7	☐			83.34		P	10.0
8	☐			69.45		P	18.3
9	☐			36.11		P	13.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			7.78		P	24.7
4	☐			3.33		P	100.1
5	☐			10.00		P	66.7
6	☐			3.33		P	0.0
7	☐			12.22		P	83.3
8	☐			10.00		P	33.3
9	☐			8.89		P	108.3

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.13	0.0000	P	20.5
2	☐	0.100					
3	☐	1.000	0.899	6160.13	0.0013	P	4.1
4	☐	50.000	51.255	339333.11	0.0727	P	3.3
5	☐	125.000	127.430	859323.39	0.1808	P	0.9
6	☐	250.000	260.749	1761166.55	0.3699	A	2.8
7	☐	500.000	511.745	3657168.70	0.7259	A	1.2
8	☐	1000.000	991.074	7238578.55	1.4058	A	1.7
9	☐			2997.73	0.0006	P	18.5

$$y = 0.0014 * x + 3.8582E-005$$

$$R = 0.9998$$

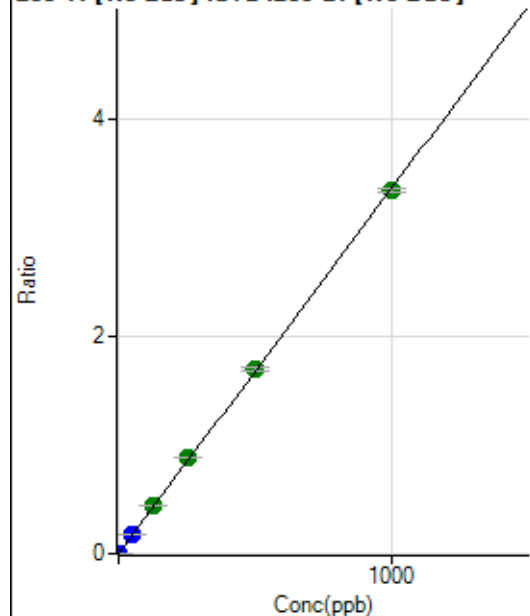
$$DL = 0.0167$$

$$BEC = 0.0272$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	530.59	0.0001	P	15.6
2	☐	0.100					
3	☐	1.000	0.901	14720.38	0.0031	P	3.9
4	☐	50.000	51.364	806271.10	0.1728	P	3.1
5	☐	125.000	129.668	2073060.48	0.4361	A	0.7
6	☐	250.000	262.745	4207726.44	0.8836	A	1.6
7	☐	500.000	505.116	8557411.56	1.6986	A	2.1
8	☐	1000.000	993.604	17203859.07	3.3412	A	1.1
9	☐			7043.94	0.0014	P	4.0

$$y = 0.0034 * x + 1.1007E-004$$

$$R = 0.9999$$

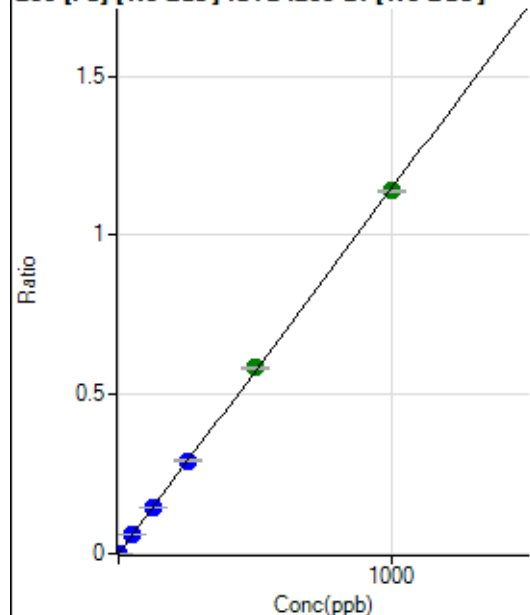
$$DL = 0.01534$$

$$BEC = 0.03273$$

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	613.00	0.0001	P	15.7
2	☐	0.100					
3	☐	1.000	1.045	6218.36	0.0013	P	2.3
4	☐	50.000	50.832	272517.75	0.0584	P	3.1
5	☐	125.000	126.171	688317.36	0.1448	P	0.3
6	☐	250.000	254.664	1391095.62	0.2921	P	2.1
7	☐	500.000	509.848	2946031.17	0.5848	A	1.4
8	☐	1000.000	993.722	5868147.41	1.1396	A	0.8
9	☐			11931.82	0.0025	P	0.5

$$y = 0.0011 * x + 1.2708E-004$$

$$R = 0.9999$$

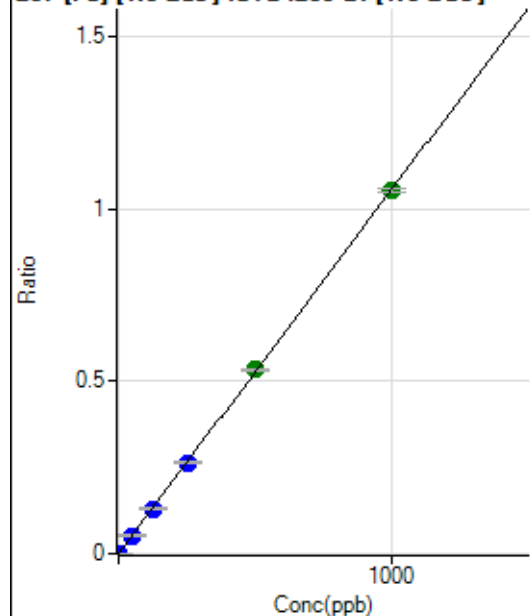
$$DL = 0.05231$$

$$BEC = 0.1108$$

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	616.70	0.0001	P	4.2
2	☐	0.100					
3	☐	1.000	1.035	5723.69	0.0012	P	5.5
4	☐	50.000	49.853	246162.75	0.0528	P	2.9
5	☐	125.000	123.915	622476.32	0.1310	P	0.9
6	☐	250.000	250.106	1258016.42	0.2642	P	1.9
7	☐	500.000	506.115	2692757.38	0.5345	A	1.5
8	☐	1000.000	997.059	5421121.82	1.0528	A	0.9
9	☐			10032.05	0.0021	P	0.3

$$y = 0.0011 * x + 1.2787E-004$$

$$R = 1.0000$$

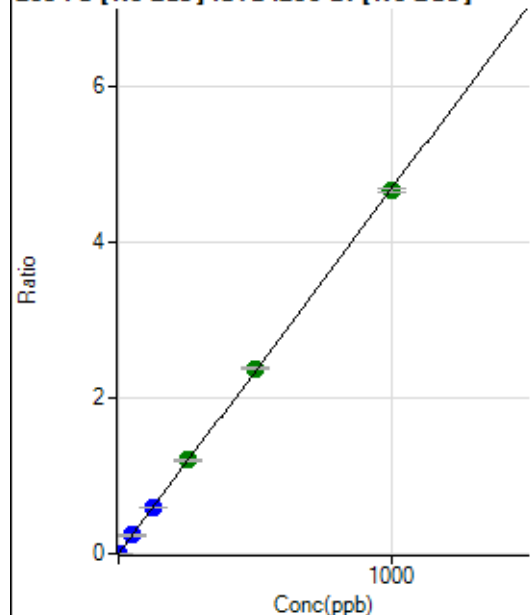
$$DL = 0.01525$$

$$BEC = 0.1211$$

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	2570.56	0.0005	P	4.9
2	☐	0.100					
3	☐	1.000	1.044	25481.16	0.0054	P	2.2
4	☐	50.000	50.417	1105716.23	0.2370	P	3.4
5	☐	125.000	124.959	2788726.61	0.5867	P	0.5
6	☐	250.000	256.154	5724327.18	1.2021	A	1.5
7	☐	500.000	507.895	12005235.05	2.3830	A	1.3
8	☐	1000.000	994.498	24023321.14	4.6655	A	1.0
9	☐			46309.96	0.0095	P	0.7

$$y = 0.0047 * x + 5.3304E-004$$

$$R = 0.9999$$

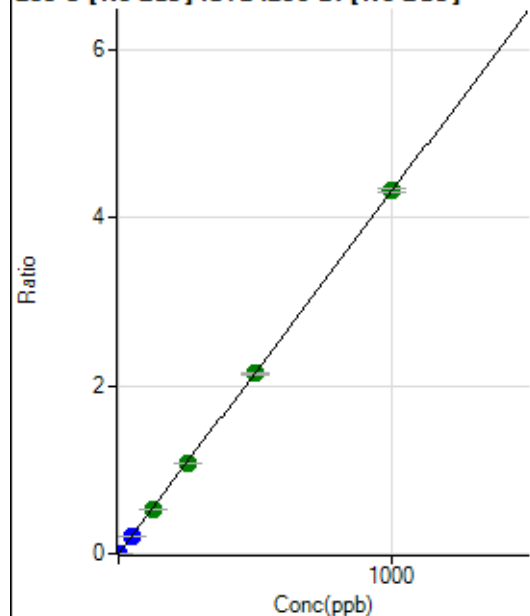
$$DL = 0.01679$$

$$BEC = 0.1136$$

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	1314.03	0.0003	P	11.7
2	☐	0.100					
3	☐	1.000	0.806	17579.78	0.0037	P	2.8
4	☐	50.000	48.823	982978.85	0.2107	P	2.5
5	☐	125.000	124.171	2544966.03	0.5354	A	0.5
6	☐	250.000	249.620	5124383.49	1.0760	A	1.4
7	☐	500.000	497.136	10795048.07	2.1427	A	1.4
8	☐	1000.000	1001.690	22229478.27	4.3172	A	0.9
9	☐			3931.37	0.0008	P	15.1

$$y = 0.0043 * x + 2.7246E-004$$

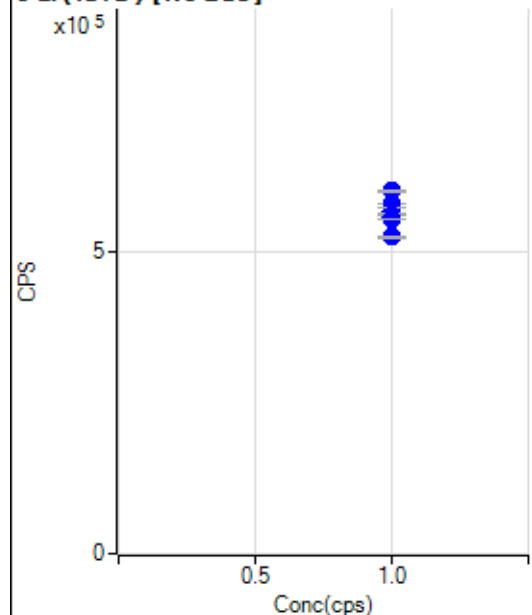
$$R = 1.0000$$

$$DL = 0.02219$$

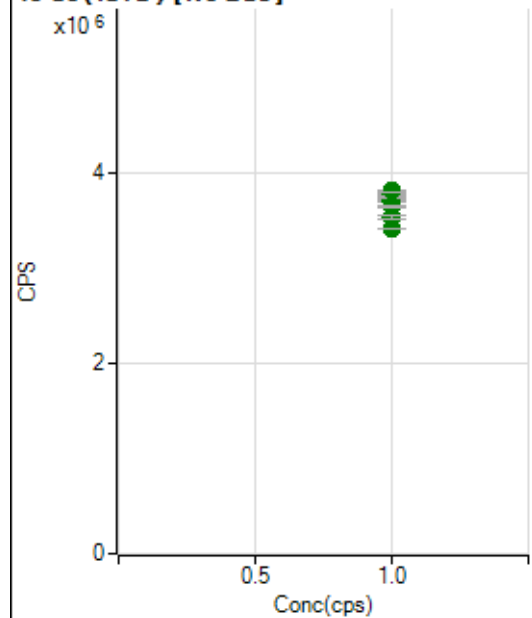
$$BEC = 0.06322$$

Weight: <None>

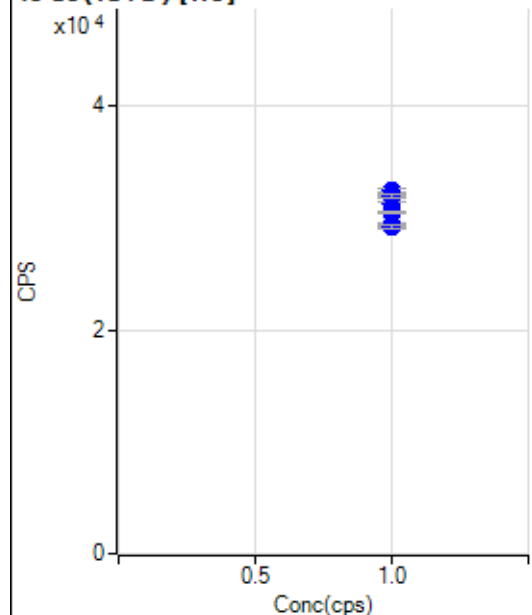
Min Conc: 0

6 Li (ISTD) [No Gas]

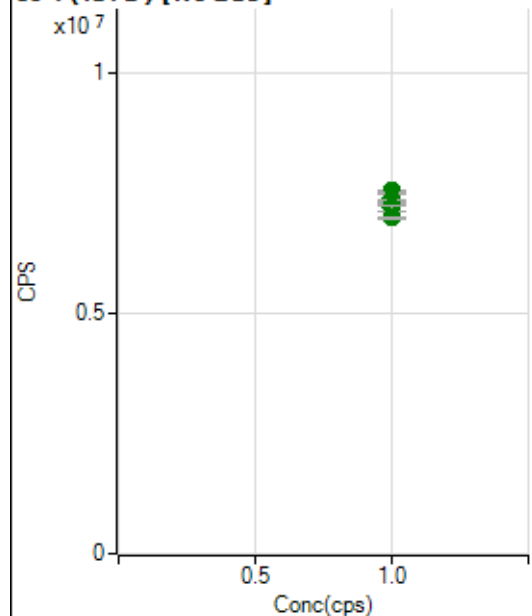
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		600441.44		P	0.5
2	☐	1.000					
3	☐	1.000		579071.93		P	0.5
4	☐	1.000		565900.51		P	2.3
5	☐	1.000		572208.76		P	0.3
6	☐	1.000		558431.97		P	2.2
7	☐	1.000		561141.00		P	0.4
8	☐	1.000		554781.68		P	0.1
9	☐	1.000		523612.53		P	0.9

45 Sc (ISTD) [No Gas]

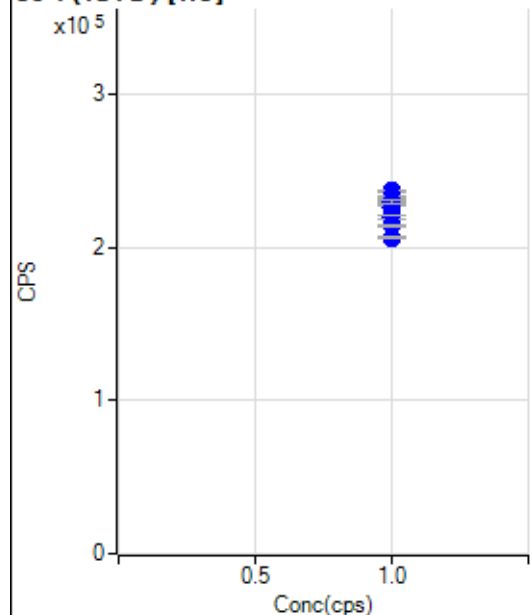
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3803717.62		A	0.7
2	☐	1.000					
3	☐	1.000		3694670.35		A	0.8
4	☐	1.000		3709291.79		A	2.9
5	☐	1.000		3765053.21		A	0.9
6	☐	1.000		3688355.81		A	1.9
7	☐	1.000		3641567.36		A	0.7
8	☐	1.000		3528849.73		A	1.0
9	☐	1.000		3408951.47		A	0.4

45 Sc (ISTD) [He]

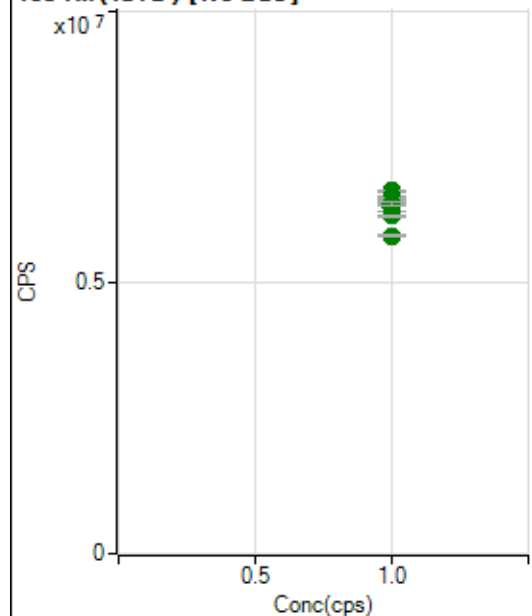
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		32441.00		P	1.1
2	☐	1.000					
3	☐	1.000		31270.64		P	4.1
4	☐	1.000		32178.16		P	1.3
5	☐	1.000		31842.99		P	2.7
6	☐	1.000		31937.54		P	1.1
7	☐	1.000		30502.14		P	0.9
8	☐	1.000		29407.62		P	1.0
9	☐	1.000		29220.47		P	1.0

89 Y (ISTD) [No Gas]

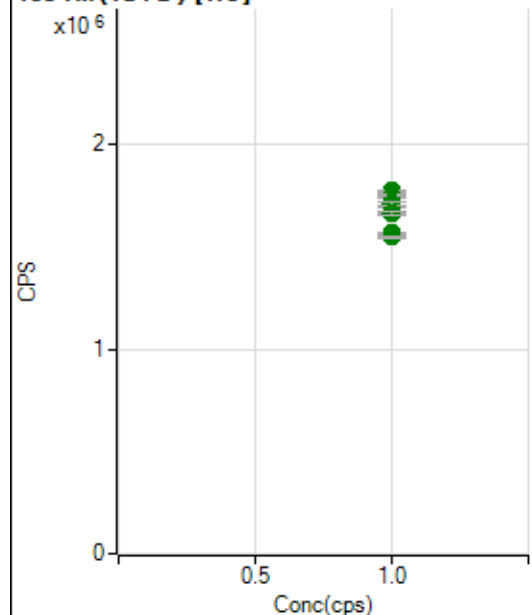
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7559687.94		A	0.3
2	☐	1.000					
3	☐	1.000		7484639.89		A	0.1
4	☐	1.000		7403081.97		A	2.5
5	☐	1.000		7529276.35		A	0.4
6	☐	1.000		7414199.12		A	2.2
7	☐	1.000		7375430.38		A	0.2
8	☐	1.000		7195395.52		A	1.2
9	☐	1.000		7002044.34		A	0.5

89 Y (ISTD) [He]

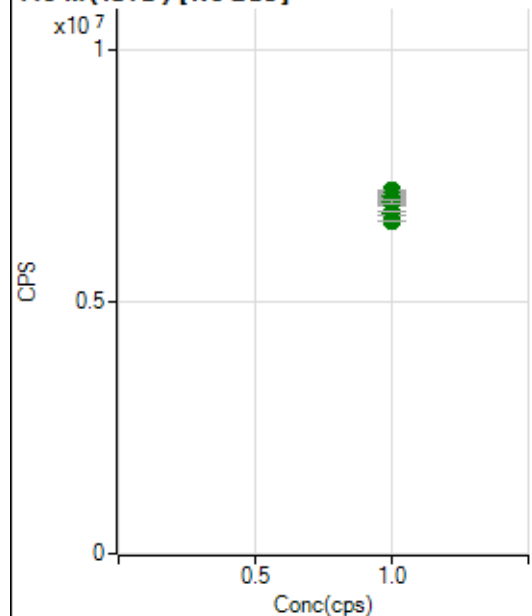
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		237173.58		P	0.5
2	☐	1.000					
3	☐	1.000		225806.97		P	4.0
4	☐	1.000		233302.98		P	0.8
5	☐	1.000		230523.87		P	2.5
6	☐	1.000		230161.09		P	0.9
7	☐	1.000		220198.24		P	0.9
8	☐	1.000		206726.46		P	0.5
9	☐	1.000		214543.17		P	0.3

103 Rh (ISTD) [No Gas]

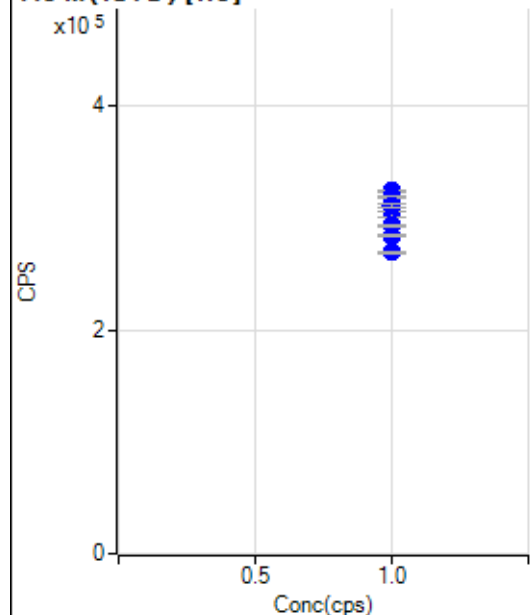
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6683559.13		A	0.8
2	☐	1.000					
3	☐	1.000		6573453.88		A	0.4
4	☐	1.000		6497336.91		A	2.5
5	☐	1.000		6552978.01		A	0.6
6	☐	1.000		6383307.52		A	2.1
7	☐	1.000		6445458.52		A	0.7
8	☐	1.000		6227283.00		A	0.5
9	☐	1.000		5862778.26		A	0.3

103 Rh (ISTD) [He]

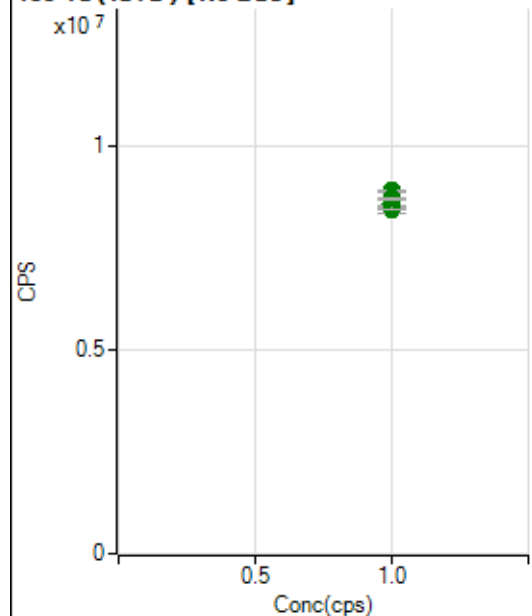
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1774431.57		A	0.8
2	☐	1.000					
3	☐	1.000		1701687.85		A	4.0
4	☐	1.000		1749443.95		A	0.6
5	☐	1.000		1720758.27		A	2.9
6	☐	1.000		1707922.80		A	1.2
7	☐	1.000		1664235.97		A	0.9
8	☐	1.000		1566684.14		A	0.5
9	☐	1.000		1548654.33		A	0.5

115 In (ISTD) [No Gas]

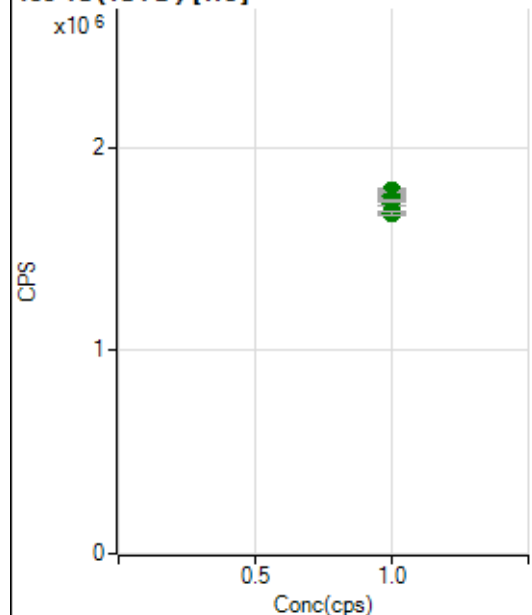
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7214593.49		A	0.8
2	☐	1.000					
3	☐	1.000		7079550.15		A	0.8
4	☐	1.000		7032466.41		A	2.8
5	☐	1.000		7096350.44		A	1.4
6	☐	1.000		7038249.10		A	1.3
7	☐	1.000		6991901.46		A	1.2
8	☐	1.000		6774119.55		A	1.1
9	☐	1.000		6611880.85		A	0.3

115 In (ISTD) [He]

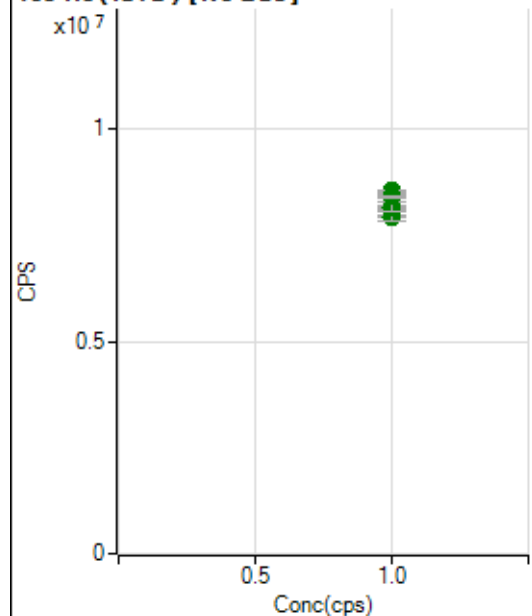
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		324220.22		P	0.2
2	☐	1.000					
3	☐	1.000		306726.93		P	3.5
4	☐	1.000		318780.69		P	0.8
5	☐	1.000		311730.61		P	3.5
6	☐	1.000		311078.82		P	0.7
7	☐	1.000		293389.15		P	0.9
8	☐	1.000		269519.00		P	0.8
9	☐	1.000		284286.30		P	0.6

159 Tb (ISTD) [No Gas]

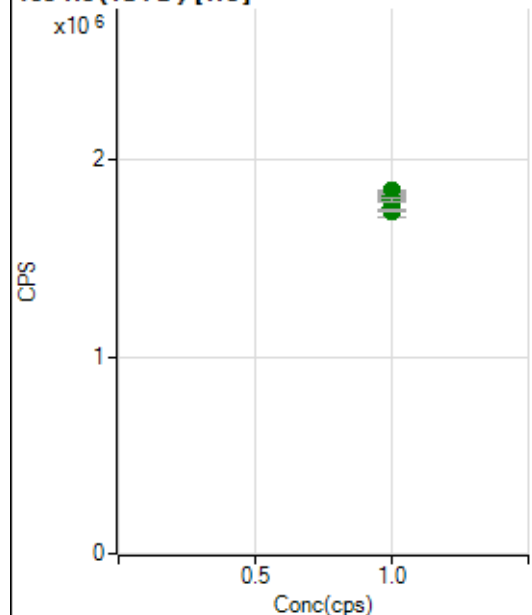
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8516940.84		A	0.4
2	☐	1.000					
3	☐	1.000		8452963.83		A	0.3
4	☐	1.000		8432857.72		A	2.3
5	☐	1.000		8499566.26		A	0.5
6	☐	1.000		8552614.11		A	2.4
7	☐	1.000		8845756.75		A	0.1
8	☐	1.000		8884878.76		A	0.6
9	☐	1.000		8707809.59		A	0.6

159 Tb (ISTD) [He]

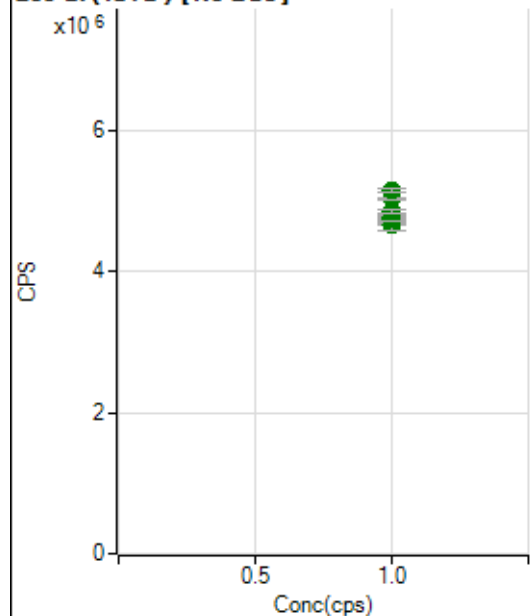
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1783864.70		A	1.1
2	☐	1.000					
3	☐	1.000		1720912.75		A	4.6
4	☐	1.000		1787328.79		A	1.2
5	☐	1.000		1752661.01		A	4.2
6	☐	1.000		1784165.15		A	1.1
7	☐	1.000		1766489.23		A	1.7
8	☐	1.000		1676146.69		A	0.9
9	☐	1.000		1739770.95		A	0.6

165 Ho (ISTD) [No Gas]

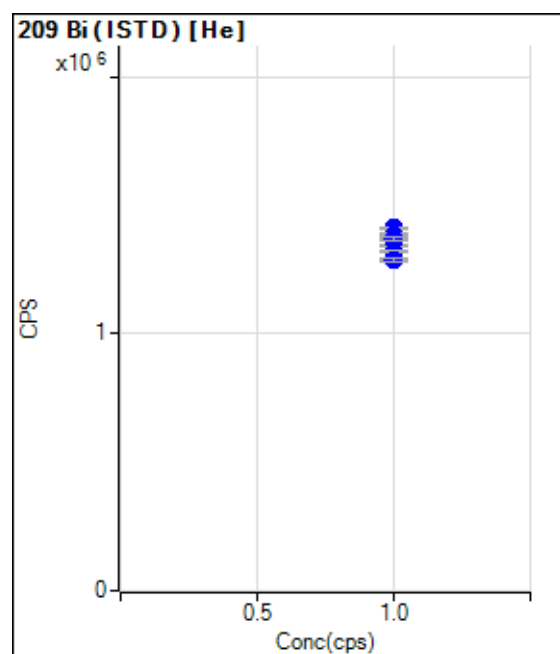
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8134886.90		A	0.3
2	☐	1.000					
3	☐	1.000		7973314.15		A	0.5
4	☐	1.000		7953645.40		A	2.6
5	☐	1.000		8155285.51		A	0.9
6	☐	1.000		8177067.11		A	2.9
7	☐	1.000		8437616.77		A	0.9
8	☐	1.000		8556021.46		A	0.4
9	☐	1.000		8419811.21		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1843362.58		A	0.3
2	☐	1.000					
3	☐	1.000		1754177.09		A	4.6
4	☐	1.000		1820134.52		A	0.8
5	☐	1.000		1814893.25		A	3.2
6	☐	1.000		1831944.90		A	0.4
7	☐	1.000		1818430.39		A	1.0
8	☐	1.000		1741511.44		A	0.3
9	☐	1.000		1797679.80		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4822519.27		A	0.4
2	☐	1.000					
3	☐	1.000		4690948.92		A	0.5
4	☐	1.000		4668074.65		A	3.0
5	☐	1.000		4753469.30		A	1.1
6	☐	1.000		4762884.41		A	2.0
7	☐	1.000		5038103.71		A	0.3
8	☐	1.000		5149363.71		A	1.0
9	☐	1.000		4859527.32		A	1.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1412425.93		P	0.5
2	☐	1.000					
3	☐	1.000		1317358.21		P	4.4
4	☐	1.000		1371232.06		P	0.6
5	☐	1.000		1363890.03		P	3.5
6	☐	1.000		1386664.81		P	0.4
7	☐	1.000		1372520.38		P	1.0
8	☐	1.000		1318984.27		P	0.6
9	☐	1.000		1288735.52		P	1.0

US EPA Tune Check Sample Report

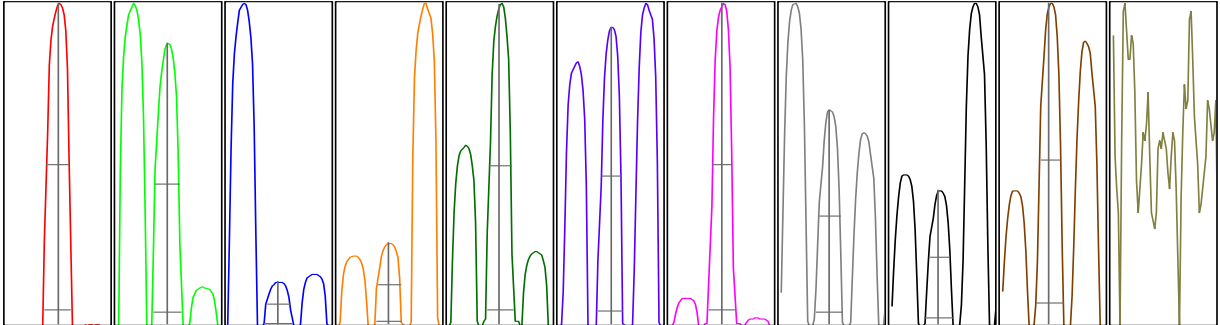
Batch Folder D:\P8082317-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5960	3.09	5.00	
24	38901	3.18	5.00	
25	5286	2.98	5.00	
26	6067	2.70	5.00	
59	85788	0.67	5.00	
113	13303	1.45	5.00	
115	163837	2.53	5.00	
206	30824	2.46	5.00	
207	28097	2.88	5.00	
208	66578	2.41	5.00	
220	1	9.35		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5950	6189	5857	6083	5719
24	38461	40188	37675	40252	37929
25	5245	5453	5115	5447	5168
26	6040	6174	5866	6281	5974
59	86191	85304	85305	86589	85553
113	13547	13143	13420	13081	13324
115	169407	161215	167047	159875	161641
206	31481	29865	31688	30410	30678
207	28755	27117	29037	27510	28065
208	67853	64890	68497	65127	66523
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	9327	9.05	8.9 - 9.1		0.786	0.900	
24	60522	24.00	23.9 - 24.1		0.832	0.900	
25	8221	25.00	24.9 - 25.1		0.799	0.900	
26	9753	26.00	25.9 - 26.1		0.745	0.900	
59	141929	59.00	58.9 - 59.1		0.786	0.900	
113	23368	113.05	112.9 - 113.1		0.734	0.900	
115	290490	115.05	114.9 - 115.1		0.770	0.900	
206	53750	205.95	205.9 - 206.1		0.780	0.900	
207	48194	206.90	206.9 - 207.1		0.780	0.900	
208	114767	207.90	207.9 - 208.1		0.783	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.7	V	Deflect	14.4	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11300	0.28	
89	3118	0.94	
205	15955	0.38	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11310	11273	11333	11321	11261
89	3149	3136	3111	3122	3072
205	16003	16028	15899	15954	15891

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	6.7	V	Deflect	2.6	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-110	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 13:05:00 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.44	-0.44	0.88	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.02	0.00	N/A	ppb
Barium	137-1	-0.02	0.00	0.02	0.00	N/A	ppb
Beryllium	9-1	0.02	0.01	-0.03	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.03	0.20	-0.17	0.00	N/A	ppb
Boron	11-1	0.08	-0.06	-0.02	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.07	-0.05	0.00	N/A	ppb
Cadmium	106-1	0.04	0.83	-0.87	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.05	0.04	0.00	N/A	ppb
Calcium	43-1	0.04	-2.26	2.23	0.00	N/A	ppb
Calcium	44-1	1.86	-0.34	-1.52	0.00	N/A	ppb
Chromium	52-2	0.02	-0.04	0.02	0.00	N/A	ppb
Cobalt	59-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	-0.03	0.04	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.12	-0.28	0.15	0.00	N/A	ppb
Iron	57-2	-0.26	-0.26	0.52	0.00	N/A	ppb
Lead	206-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.33	-0.99	0.66	0.00	N/A	ppb
Manganese	55-2	0.04	0.00	-0.04	0.00	N/A	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:05:00	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-18.79	-0.77	17.94	-0.54		ppb
Potassium	39-2	12.63	2.77	-15.41	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	0.22	-0.44	0.00	N/A	ppb
Selenium	82-1	-0.44	0.57	-0.13	0.00	N/A	ppb
Silicon	28-1	0.27	0.97	-1.24	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	1.98	-0.82	-1.16	0.00	N/A	ppb
Strontium	86-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-289.28	-78.24	53.88	-104.55		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.19	-0.10	-0.09	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.01	0.00	-0.01	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	-0.04	-0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:05:00	DataFile Name :	003CALB.d

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

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:12:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.93	19.26	19.45	18.55	7.56	ppb
Antimony	121-1	1.95	1.92	1.90	1.93	1.38	ppb
Arsenic	75-2	0.95	0.80	1.09	0.95	15.41	ppb
Barium	135-1	9.05	8.86	8.98	8.96	1.08	ppb
Barium	137-1	8.96	8.87	9.13	8.99	1.48	ppb
Beryllium	9-1	0.95	0.91	0.84	0.90	6.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.44	21.92	21.22	21.53	1.65	ppb
Boron	11-1	21.60	21.31	20.50	21.14	2.70	ppb
Cadmium	111-1	0.96	0.93	1.02	0.97	4.57	ppb
Cadmium	106-1	0.98	0.07	0.80	0.62	77.64	ppb
Cadmium	108-1	0.66	0.69	0.97	0.77	22.18	ppb
Calcium	43-1	414.48	441.07	443.53	433.03	3.72	ppb
Calcium	44-1	441.03	448.19	444.24	444.49	0.81	ppb
Chromium	52-2	1.99	1.90	2.27	2.05	9.37	ppb
Cobalt	59-2	0.95	0.88	0.94	0.92	4.50	ppb
Copper	63-2	1.79	1.79	2.09	1.89	9.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.86	46.50	50.59	47.65	5.38	ppb
Iron	57-2	42.73	44.76	44.15	43.88	2.37	ppb
Lead	206-1	1.03	1.08	1.03	1.05	2.51	ppb
Lead	207-1	1.06	1.09	0.96	1.03	6.19	ppb
Lead	208-1	1.07	1.04	1.02	1.04	2.44	ppb
Lithium	6-1						%
Magnesium	24-2	461.87	452.27	476.36	463.50	2.62	ppb
Manganese	55-2	0.84	0.96	0.93	0.91	7.25	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:12:08	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.88	1.83	1.89	1.87	1.86	ppb
Molybdenum	95-1	4.18	4.16	4.29	4.21	1.67	ppb
Molybdenum	96-1	3.60	3.73	3.82	3.72	2.98	ppb
Molybdenum	97-1	4.30	4.40	4.35	4.35	1.23	ppb
Molybdenum	98-1	4.25	4.17	4.24	4.22	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.10	1.06	1.01	12.61	ppb
Phosphorus	31-2	-0.25	-18.79	20.65	0.54	3658.66	ppb
Potassium	39-2	493.72	468.21	521.57	494.50	5.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.14	13.37	5.84	117.28	ppb
Selenium	78-2	6.38	5.65	3.92	5.32	23.69	ppb
Selenium	82-1	5.02	5.08	4.82	4.97	2.68	ppb
Silicon	28-1	16.34	18.05	21.64	18.68	14.48	ppb
Silver	109-1	1.24	1.23	1.27	1.25	1.45	ppb
Silver	107-1	1.32	1.24	1.28	1.28	3.17	ppb
Sodium	23-2	456.73	457.27	483.97	465.99	3.34	ppb
Strontium	86-1	0.87	1.00	0.85	0.90	8.80	ppb
Strontium	88-1	0.89	0.92	0.94	0.92	2.36	ppb
Sulfur	34-1	17.06	131.86	164.72	104.55	74.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.91	0.86	0.93	0.90	4.27	ppb
Thallium	205-1	0.91	0.86	0.93	0.90	4.06	ppb
Tin	118-1	4.62	4.51	4.43	4.52	2.05	ppb
Titanium	47-1	4.42	4.33	4.18	4.31	2.75	ppb
Uranium	238-1	0.80	0.79	0.83	0.81	2.97	ppb
Vanadium	51-2	4.39	4.53	4.85	4.59	5.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.90	2.22	2.61	2.25	15.81	ppb
Zirconium	90-1	0.80	0.85	0.85	0.84	3.38	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:12:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.80	0.82	0.82	2.36	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:15:37	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1035.16	958.60	953.40	982.39	4.66	ppb
Antimony	121-1	55.83	53.20	52.52	53.85	3.25	ppb
Arsenic	75-2	51.18	50.22	50.23	50.54	1.09	ppb
Barium	135-1	270.45	261.11	256.44	262.67	2.72	ppb
Barium	137-1	270.36	261.46	257.74	263.18	2.46	ppb
Beryllium	9-1	54.18	51.52	50.19	51.97	3.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	48.62	48.07	45.27	47.32	3.80	ppb
Boron	11-1	50.44	49.84	52.59	50.96	2.84	ppb
Cadmium	111-1	55.77	53.59	52.89	54.08	2.78	ppb
Cadmium	106-1	56.55	53.53	51.65	53.91	4.58	ppb
Cadmium	108-1	56.24	55.25	51.98	54.49	4.09	ppb
Calcium	43-1	5244.39	4866.72	4888.55	4999.89	4.24	ppb
Calcium	44-1	5333.49	4971.35	5053.73	5119.52	3.71	ppb
Chromium	52-2	52.24	51.21	51.55	51.67	1.02	ppb
Cobalt	59-2	51.96	50.29	50.24	50.83	1.93	ppb
Copper	63-2	103.26	101.47	101.44	102.06	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2677.95	2628.98	2633.16	2646.69	1.03	ppb
Iron	57-2	2590.09	2595.29	2613.83	2599.74	0.48	ppb
Lead	206-1	52.65	50.01	49.83	50.83	3.11	ppb
Lead	207-1	51.51	49.17	48.88	49.85	2.89	ppb
Lead	208-1	52.38	49.58	49.28	50.42	3.39	ppb
Lithium	6-1						%
Magnesium	24-2	5129.32	5052.11	5111.37	5097.60	0.79	ppb
Manganese	55-2	106.60	104.67	105.95	105.74	0.93	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:15:37	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	51.45	49.83	49.10	50.13	2.40	ppb
Molybdenum	95-1	51.88	49.71	48.70	50.10	3.25	ppb
Molybdenum	96-1	50.85	49.42	48.41	49.56	2.48	ppb
Molybdenum	97-1	51.73	49.46	48.57	49.92	3.26	ppb
Molybdenum	98-1	51.78	49.58	49.03	50.13	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.33	51.74	51.60	52.22	1.84	ppb
Phosphorus	31-2	1057.81	850.09	853.68	920.53	12.92	ppb
Potassium	39-2	2651.05	2581.98	2689.94	2640.99	2.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	41.55	28.72	85.90	52.06	57.63	ppb
Selenium	78-2	52.48	69.24	42.96	54.89	24.23	ppb
Selenium	82-1	52.85	52.56	52.43	52.61	0.41	ppb
Silicon	28-1	74.49	67.96	65.61	69.36	6.64	ppb
Silver	109-1	56.02	54.23	53.32	54.53	2.52	ppb
Silver	107-1	56.24	54.56	54.16	54.99	2.01	ppb
Sodium	23-2	5125.37	4945.26	5028.71	5033.11	1.79	ppb
Strontium	86-1	52.60	50.85	51.16	51.54	1.81	ppb
Strontium	88-1	53.30	51.41	50.50	51.74	2.77	ppb
Sulfur	34-1	1610.27	1039.01	1201.17	1283.48	22.94	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	53.22	50.30	50.25	51.26	3.32	ppb
Thallium	205-1	53.17	50.76	50.16	51.36	3.10	ppb
Tin	118-1	54.69	52.63	52.28	53.20	2.45	ppb
Titanium	47-1	53.77	51.53	50.68	51.99	3.07	ppb
Uranium	238-1	50.21	48.41	47.85	48.82	2.52	ppb
Vanadium	51-2	51.55	49.81	50.06	50.47	1.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	109.85	107.28	105.87	107.66	1.88	ppb
Zirconium	90-1	51.17	50.29	49.48	50.31	1.69	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:15:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.10	49.24	48.61	49.65	2.61	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:19:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2531.84	2376.67	2590.30	2499.60	4.42	ppb
Antimony	121-1	133.21	134.82	135.92	134.65	1.01	ppb
Arsenic	75-2	124.71	126.05	132.63	127.80	3.32	ppb
Barium	135-1	662.63	662.13	663.16	662.64	0.08	ppb
Barium	137-1	665.57	664.24	670.54	666.78	0.50	ppb
Beryllium	9-1	127.73	126.02	126.43	126.73	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	124.90	119.84	132.03	125.59	4.88	ppb
Boron	11-1	127.98	123.87	129.69	127.18	2.35	ppb
Cadmium	111-1	135.06	133.50	135.02	134.53	0.66	ppb
Cadmium	106-1	138.44	138.95	140.84	139.41	0.91	ppb
Cadmium	108-1	136.70	137.56	140.57	138.28	1.47	ppb
Calcium	43-1	12449.11	12401.79	12461.67	12437.52	0.25	ppb
Calcium	44-1	12513.62	12436.70	12474.05	12474.79	0.31	ppb
Chromium	52-2	131.85	125.77	133.27	130.30	3.05	ppb
Cobalt	59-2	129.78	125.16	131.23	128.72	2.46	ppb
Copper	63-2	260.83	252.45	266.25	259.84	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6740.85	6530.20	6810.80	6693.95	2.18	ppb
Iron	57-2	6692.52	6340.16	6729.20	6587.30	3.26	ppb
Lead	206-1	125.69	126.55	126.28	126.17	0.35	ppb
Lead	207-1	122.68	124.84	124.23	123.91	0.90	ppb
Lead	208-1	124.28	125.46	125.13	124.96	0.49	ppb
Lithium	6-1						%
Magnesium	24-2	12884.01	12497.53	13271.55	12884.36	3.00	ppb
Manganese	55-2	266.82	256.53	269.68	264.34	2.62	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:19:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	123.99	124.74	126.37	125.03	0.97	ppb
Molybdenum	95-1	124.03	125.18	125.90	125.04	0.75	ppb
Molybdenum	96-1	123.72	124.22	124.33	124.09	0.26	ppb
Molybdenum	97-1	122.97	124.39	125.58	124.31	1.05	ppb
Molybdenum	98-1	124.61	123.84	125.38	124.61	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.24	126.09	136.47	131.93	4.03	ppb
Phosphorus	31-2	2830.28	2724.07	2437.00	2663.78	7.64	ppb
Potassium	39-2	6754.14	6512.75	6805.94	6690.94	2.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	119.14	119.08	133.00	123.74	6.48	ppb
Selenium	78-2	123.63	120.88	103.91	116.14	9.20	ppb
Selenium	82-1	129.61	129.78	130.62	130.00	0.42	ppb
Silicon	28-1	159.48	156.50	155.34	157.11	1.36	ppb
Silver	109-1	133.91	134.96	136.65	135.17	1.02	ppb
Silver	107-1	137.14	136.48	138.78	137.46	0.86	ppb
Sodium	23-2	12855.05	12434.97	13021.98	12770.66	2.37	ppb
Strontium	86-1	126.45	126.51	127.73	126.90	0.57	ppb
Strontium	88-1	131.56	130.01	131.29	130.95	0.63	ppb
Sulfur	34-1	2914.55	2798.56	2562.88	2758.66	6.50	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	126.66	128.75	126.88	127.43	0.90	ppb
Thallium	205-1	129.78	130.56	128.66	129.67	0.73	ppb
Tin	118-1	132.71	133.24	133.26	133.07	0.24	ppb
Titanium	47-1	129.43	128.68	128.15	128.75	0.50	ppb
Uranium	238-1	124.33	124.73	123.46	124.17	0.52	ppb
Vanadium	51-2	130.76	125.02	131.99	129.26	2.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	269.83	258.23	275.34	267.80	3.26	ppb
Zirconium	90-1	127.89	127.42	127.57	127.63	0.19	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:19:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	123.51	123.72	125.16	124.13	0.72	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:22:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4930.89	4766.53	4808.00	4835.14	1.77	ppb
Antimony	121-1	275.76	271.68	263.96	270.46	2.22	ppb
Arsenic	75-2	251.86	249.97	250.86	250.90	0.38	ppb
Barium	135-1	1374.35	1331.47	1310.16	1338.66	2.44	ppb
Barium	137-1	1352.26	1328.85	1298.55	1326.55	2.03	ppb
Beryllium	9-1	261.68	263.74	254.72	260.05	1.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	254.48	254.70	254.68	254.62	0.05	ppb
Boron	11-1	259.89	257.30	250.73	255.97	1.84	ppb
Cadmium	111-1	271.02	267.63	259.38	266.01	2.25	ppb
Cadmium	106-1	280.58	268.34	269.11	272.68	2.51	ppb
Cadmium	108-1	275.97	272.41	262.50	270.29	2.58	ppb
Calcium	43-1	25662.16	24971.82	24627.22	25087.07	2.10	ppb
Calcium	44-1	25756.21	24901.24	24736.69	25131.38	2.18	ppb
Chromium	52-2	259.73	251.79	251.38	254.30	1.85	ppb
Cobalt	59-2	254.34	249.16	246.37	249.96	1.62	ppb
Copper	63-2	511.00	500.23	497.26	502.83	1.44	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13078.53	12778.91	12688.49	12848.64	1.59	ppb
Iron	57-2	13018.26	12661.08	12544.08	12741.14	1.94	ppb
Lead	206-1	257.95	257.50	248.55	254.66	2.08	ppb
Lead	207-1	252.23	253.46	244.62	250.11	1.91	ppb
Lead	208-1	258.00	258.70	251.75	256.15	1.49	ppb
Lithium	6-1						%
Magnesium	24-2	25599.59	24949.67	24719.50	25089.59	1.82	ppb
Manganese	55-2	528.48	513.07	505.95	515.83	2.23	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:22:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	266.29	255.05	252.94	258.09	2.78	ppb
Molybdenum	95-1	257.38	250.58	244.94	250.97	2.48	ppb
Molybdenum	96-1	262.77	253.01	250.99	255.59	2.47	ppb
Molybdenum	97-1	257.39	251.18	245.99	251.52	2.27	ppb
Molybdenum	98-1	262.38	257.92	252.61	257.64	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.07	256.37	252.06	255.83	1.38	ppb
Phosphorus	31-2	5741.54	5359.52	4855.83	5318.96	8.35	ppb
Potassium	39-2	13292.18	12770.30	12672.15	12911.54	2.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	272.96	223.09	246.29	247.45	10.08	ppb
Selenium	78-2	275.02	268.93	257.16	267.03	3.40	ppb
Selenium	82-1	270.56	263.28	254.26	262.70	3.11	ppb
Silicon	28-1	280.54	269.29	266.64	272.16	2.71	ppb
Silver	109-1	283.44	277.43	270.84	277.23	2.27	ppb
Silver	107-1	281.40	275.23	271.12	275.91	1.88	ppb
Sodium	23-2	25545.46	25406.03	24862.86	25271.45	1.43	ppb
Strontium	86-1	262.78	256.61	250.53	256.64	2.39	ppb
Strontium	88-1	261.27	257.47	253.78	257.51	1.46	ppb
Sulfur	34-1	5844.18	5259.04	5164.19	5422.47	6.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	263.13	266.43	252.69	260.75	2.75	ppb
Thallium	205-1	264.23	265.90	258.10	262.75	1.56	ppb
Tin	118-1	277.31	269.08	261.18	269.19	3.00	ppb
Titanium	47-1	260.93	258.55	256.69	258.73	0.82	ppb
Uranium	238-1	253.57	248.27	247.03	249.62	1.39	ppb
Vanadium	51-2	256.57	249.22	248.55	251.45	1.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	523.99	514.09	514.44	517.51	1.09	ppb
Zirconium	90-1	263.49	255.63	251.26	256.79	2.41	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:22:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	256.18	249.42	244.61	250.07	2.33	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:25:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9478.46	9868.69	9788.12	9711.76	2.12	ppb
Antimony	121-1	516.54	515.85	510.46	514.28	0.65	ppb
Arsenic	75-2	499.00	506.63	504.59	503.41	0.78	ppb
Barium	135-1	2534.57	2565.75	2547.25	2549.19	0.62	ppb
Barium	137-1	2518.85	2530.76	2525.98	2525.20	0.24	ppb
Beryllium	9-1	503.64	502.19	510.80	505.54	0.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	498.35	501.54	507.63	502.51	0.94	ppb
Boron	11-1	493.77	505.23	506.48	501.83	1.40	ppb
Cadmium	111-1	505.92	503.60	505.96	505.16	0.27	ppb
Cadmium	106-1	512.44	522.04	524.54	519.67	1.23	ppb
Cadmium	108-1	507.40	514.57	515.31	512.42	0.85	ppb
Calcium	43-1	48811.38	49266.02	48982.69	49020.03	0.47	ppb
Calcium	44-1	48707.98	49210.01	49299.22	49072.40	0.65	ppb
Chromium	52-2	503.94	509.40	503.24	505.52	0.67	ppb
Cobalt	59-2	498.03	504.18	496.59	499.60	0.81	ppb
Copper	63-2	1016.80	1027.89	1012.05	1018.91	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25690.99	25905.13	25730.78	25775.63	0.44	ppb
Iron	57-2	25602.83	25712.34	25200.29	25505.15	1.06	ppb
Lead	206-1	501.51	514.59	513.45	509.85	1.42	ppb
Lead	207-1	497.63	508.51	512.21	506.12	1.50	ppb
Lead	208-1	500.45	511.99	511.24	507.89	1.27	ppb
Lithium	6-1						%
Magnesium	24-2	51473.57	52464.32	51391.36	51776.42	1.15	ppb
Manganese	55-2	1011.36	1022.56	1011.70	1015.21	0.63	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:25:53	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	500.92	501.33	509.39	503.88	0.95	ppb
Molybdenum	95-1	505.29	504.44	510.65	506.79	0.66	ppb
Molybdenum	96-1	509.43	503.36	508.67	507.15	0.65	ppb
Molybdenum	97-1	499.35	492.32	497.45	496.37	0.73	ppb
Molybdenum	98-1	511.46	505.57	512.31	509.78	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.36	512.69	506.79	508.95	0.64	ppb
Phosphorus	31-2	10907.68	9704.09	10600.57	10404.11	6.01	ppb
Potassium	39-2	25068.36	25656.74	25245.13	25323.41	1.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	509.40	460.06	438.74	469.40	7.72	ppb
Selenium	78-2	489.36	521.01	500.94	503.77	3.18	ppb
Selenium	82-1	510.05	509.71	512.04	510.60	0.25	ppb
Silicon	28-1	504.37	518.71	522.22	515.10	1.84	ppb
Silver	109-1	514.59	519.96	519.77	518.11	0.59	ppb
Silver	107-1	520.83	520.03	518.41	519.75	0.24	ppb
Sodium	23-2	50752.33	50793.31	50266.25	50603.96	0.58	ppb
Strontium	86-1	500.60	512.44	503.71	505.58	1.21	ppb
Strontium	88-1	503.65	505.37	506.65	505.23	0.30	ppb
Sulfur	34-1	10277.00	10351.83	10393.67	10340.83	0.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	504.73	513.27	517.24	511.75	1.25	ppb
Thallium	205-1	493.28	509.22	512.85	505.12	2.06	ppb
Tin	118-1	515.52	517.36	514.11	515.66	0.32	ppb
Titanium	47-1	505.92	508.60	511.98	508.83	0.60	ppb
Uranium	238-1	489.45	502.57	499.39	497.14	1.38	ppb
Vanadium	51-2	505.29	511.28	501.77	506.11	0.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1022.45	1028.85	1022.88	1024.73	0.35	ppb
Zirconium	90-1	497.26	508.97	507.29	504.51	1.25	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:25:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.00	513.00	504.97	505.66	1.39	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:29:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19521.14	19718.44	19504.11	19581.23	0.61	ppb
Antimony	121-1	989.56	984.02	985.46	986.34	0.29	ppb
Arsenic	75-2	998.73	1001.08	993.28	997.70	0.40	ppb
Barium	135-1	4938.52	4942.38	4962.82	4947.90	0.26	ppb
Barium	137-1	4930.76	4973.72	4982.67	4962.38	0.56	ppb
Beryllium	9-1	988.56	998.28	996.37	994.40	0.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	974.24	1002.59	1016.39	997.74	2.15	ppb
Boron	11-1	984.88	998.73	1008.50	997.37	1.19	ppb
Cadmium	111-1	993.62	982.69	999.76	992.02	0.87	ppb
Cadmium	106-1	982.95	972.21	992.34	982.50	1.02	ppb
Cadmium	108-1	995.10	977.68	987.72	986.83	0.89	ppb
Calcium	43-1	97544.46	98035.17	99142.27	98240.63	0.83	ppb
Calcium	44-1	95731.55	96951.97	96954.75	96546.09	0.73	ppb
Chromium	52-2	994.98	1005.49	985.78	995.42	0.99	ppb
Cobalt	59-2	1005.95	1001.37	991.79	999.71	0.72	ppb
Copper	63-2	2003.89	2002.76	1958.86	1988.50	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50730.86	50396.39	49695.37	50274.21	1.05	ppb
Iron	57-2	49906.44	50079.07	49371.87	49785.79	0.74	ppb
Lead	206-1	985.11	998.88	997.18	993.72	0.76	ppb
Lead	207-1	990.52	1007.92	992.74	997.06	0.95	ppb
Lead	208-1	983.18	1001.21	999.11	994.50	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	102536.94	103824.44	100890.35	102417.25	1.44	ppb
Manganese	55-2	1999.48	1999.53	1960.07	1986.36	1.15	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:29:07	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	983.93	1003.12	1001.08	996.04	1.06	ppb
Molybdenum	95-1	989.16	995.95	1003.96	996.36	0.74	ppb
Molybdenum	96-1	983.40	994.27	1007.83	995.17	1.23	ppb
Molybdenum	97-1	988.43	1003.78	1012.37	1001.53	1.21	ppb
Molybdenum	98-1	981.31	999.16	999.27	993.25	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.32	1004.40	981.55	993.09	1.15	ppb
Phosphorus	31-2	19676.06	20014.48	19414.57	19701.70	1.53	ppb
Potassium	39-2	49560.14	49603.11	48694.61	49285.95	1.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1036.93	1003.67	1007.36	1015.99	1.79	ppb
Selenium	78-2	988.58	1013.04	982.53	994.72	1.62	ppb
Selenium	82-1	982.09	995.89	994.33	990.77	0.76	ppb
Silicon	28-1	976.29	986.63	982.61	981.84	0.53	ppb
Silver	109-1	981.79	980.98	985.15	982.64	0.23	ppb
Silver	107-1	985.82	974.97	984.72	981.84	0.61	ppb
Sodium	23-2	100118.76	101497.95	100461.56	100692.76	0.71	ppb
Strontium	86-1	984.01	997.18	1004.51	995.23	1.04	ppb
Strontium	88-1	984.45	997.37	1002.22	994.68	0.92	ppb
Sulfur	34-1	19448.04	19749.23	19835.11	19677.46	1.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	971.93	1001.28	1000.00	991.07	1.67	ppb
Thallium	205-1	983.03	1004.52	993.26	993.60	1.08	ppb
Tin	118-1	985.59	982.70	990.32	986.20	0.39	ppb
Titanium	47-1	987.69	995.65	995.18	992.84	0.45	ppb
Uranium	238-1	993.97	1011.77	999.33	1001.69	0.91	ppb
Vanadium	51-2	1001.57	1003.00	983.51	996.03	1.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1986.17	2001.75	1954.03	1980.65	1.23	ppb
Zirconium	90-1	990.41	1000.75	995.96	995.70	0.52	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:29:07	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	987.20	1002.05	1002.59	997.28	0.88	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:32:19	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98187.74	100160.94	102014.35	100121.01	1.91	ppb
Antimony	121-1	2.28	2.28	2.24	2.27	1.04	ppb
Arsenic	75-2	0.41	0.29	0.20	0.30	35.48	ppb
Barium	135-1	2.15	2.28	2.02	2.15	6.00	ppb
Barium	137-1	2.25	2.25	1.93	2.14	8.72	ppb
Beryllium	9-1	0.33	0.28	0.22	0.28	19.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	37.14	34.68	33.40	35.07	5.41	ppb
Boron	11-1	38.20	35.70	33.65	35.85	6.36	ppb
Cadmium	111-1	0.26	0.28	0.11	0.22	43.65	ppb
Cadmium	106-1	0.44	0.65	-0.59	0.17	396.26	ppb
Cadmium	108-1	0.31	0.23	0.62	0.38	53.34	ppb
Calcium	43-1	499929.11	497987.08	503425.26	500447.15	0.55	ppb
Calcium	44-1	501187.20	499448.72	501693.47	500776.46	0.24	ppb
Chromium	52-2	3.53	3.51	3.85	3.63	5.35	ppb
Cobalt	59-2	1.25	1.12	1.12	1.16	6.54	ppb
Copper	63-2	2.56	2.68	2.70	2.65	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	246174.40	251239.27	252099.12	249837.60	1.28	ppb
Iron	57-2	247228.63	251792.24	250891.66	249970.84	0.97	ppb
Lead	206-1	2.03	2.02	2.04	2.03	0.51	ppb
Lead	207-1	1.83	1.84	1.83	1.83	0.34	ppb
Lead	208-1	1.92	1.90	1.93	1.92	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	491325.27	501489.57	505156.80	499323.88	1.44	ppb
Manganese	55-2	5.39	4.92	4.76	5.02	6.54	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:32:19	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.59	0.59	0.54	0.57	4.54	ppb
Molybdenum	95-1	1.13	1.19	1.14	1.15	2.93	ppb
Molybdenum	96-1	1.46	1.49	1.40	1.45	3.06	ppb
Molybdenum	97-1	1.15	1.20	1.06	1.14	6.35	ppb
Molybdenum	98-1	1.12	1.08	1.11	1.10	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.47	2.49	2.53	2.49	1.24	ppb
Phosphorus	31-2	40.94	42.00	1.42	28.12	82.25	ppb
Potassium	39-2	246321.11	249088.56	254822.73	250077.47	1.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.49	4.46	2.98	86.60	ppb
Selenium	78-2	0.29	0.29	2.48	1.02	123.90	ppb
Selenium	82-1	1.05	0.74	1.03	0.94	18.38	ppb
Silicon	28-1	18.17	14.16	14.40	15.58	14.45	ppb
Silver	109-1	0.18	0.17	0.16	0.17	7.44	ppb
Silver	107-1	0.20	0.18	0.15	0.18	12.40	ppb
Sodium	23-2	492316.67	501170.67	505853.91	499780.42	1.38	ppb
Strontium	86-1	33.96	34.23	33.56	33.92	0.99	ppb
Strontium	88-1	34.39	34.59	35.00	34.66	0.89	ppb
Sulfur	34-1	531.97	511.59	514.01	519.19	2.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.47	0.43	0.32	0.41	19.70	ppb
Thallium	205-1	0.41	0.40	0.38	0.40	4.34	ppb
Tin	118-1	0.84	0.77	0.74	0.78	6.25	ppb
Titanium	47-1	0.82	0.79	0.92	0.84	7.77	ppb
Uranium	238-1	0.15	0.12	0.10	0.12	22.82	ppb
Vanadium	51-2	0.30	0.31	0.25	0.29	11.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.03	10.49	10.07	10.20	2.48	ppb
Zirconium	90-1	0.31	0.31	0.27	0.30	8.54	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:32:19	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.32	0.31	0.23	0.29	17.11	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:41:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.24	510.50	533.58	518.11	2.59	ppb
Antimony	121-1	200.91	202.84	200.74	201.50	0.58	ppb
Arsenic	75-2	195.59	195.43	213.99	201.67	5.29	ppb
Barium	135-1	99.41	99.10	99.47	99.33	0.20	ppb
Barium	137-1	99.55	99.97	98.05	99.19	1.01	ppb
Beryllium	9-1	96.76	97.16	98.51	97.48	0.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	476.30	476.77	499.22	484.10	2.71	ppb
Boron	11-1	480.00	486.15	495.11	487.09	1.56	ppb
Cadmium	111-1	101.27	102.36	102.58	102.07	0.69	ppb
Cadmium	106-1	152.26	148.72	149.07	150.02	1.30	ppb
Cadmium	108-1	129.38	132.03	131.75	131.05	1.11	ppb
Calcium	43-1	2039.45	2154.68	2115.66	2103.26	2.79	ppb
Calcium	44-1	2031.10	2082.27	2052.65	2055.34	1.25	ppb
Chromium	52-2	97.41	97.56	106.54	100.51	5.20	ppb
Cobalt	59-2	100.95	98.89	108.01	102.62	4.66	ppb
Copper	63-2	101.35	98.16	108.79	102.77	5.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1022.23	994.99	1083.18	1033.47	4.37	ppb
Iron	57-2	1019.81	991.83	1045.17	1018.93	2.62	ppb
Lead	206-1	197.85	201.27	198.62	199.24	0.90	ppb
Lead	207-1	186.91	191.46	188.56	188.98	1.22	ppb
Lead	208-1	196.29	200.07	196.54	197.63	1.07	ppb
Lithium	6-1						%
Magnesium	24-2	1205.98	1190.18	1287.74	1227.97	4.26	ppb
Manganese	55-2	99.71	99.92	104.31	101.31	2.56	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:41:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.42	503.12	496.29	498.94	0.73	ppb
Molybdenum	95-1	501.28	503.91	503.57	502.92	0.28	ppb
Molybdenum	96-1	496.62	505.83	500.04	500.83	0.93	ppb
Molybdenum	97-1	489.41	496.80	489.19	491.80	0.88	ppb
Molybdenum	98-1	498.53	509.57	505.27	504.46	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.93	102.94	111.38	106.08	4.35	ppb
Phosphorus	31-2	0.10	-0.24	1.56	0.48	201.03	ppb
Potassium	39-2	2036.95	1972.51	2214.30	2074.59	6.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	163.89	239.51	171.33	191.58	21.75	ppb
Selenium	78-2	215.66	206.93	234.65	219.08	6.47	ppb
Selenium	82-1	199.92	202.12	201.35	201.13	0.55	ppb
Silicon	28-1	506.67	508.69	499.27	504.88	0.98	ppb
Silver	109-1	99.29	100.58	98.96	99.61	0.86	ppb
Silver	107-1	101.20	102.47	101.75	101.81	0.63	ppb
Sodium	23-2	2011.72	1991.28	2158.21	2053.74	4.43	ppb
Strontium	86-1	493.92	499.46	494.26	495.88	0.63	ppb
Strontium	88-1	499.19	502.55	499.02	500.25	0.40	ppb
Sulfur	34-1	-405.92	-271.46	-590.15	-422.51		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	201.33	203.92	202.58	202.61	0.64	ppb
Thallium	205-1	206.26	208.26	208.05	207.52	0.53	ppb
Tin	118-1	517.29	524.81	523.74	521.94	0.78	ppb
Titanium	47-1	493.01	504.83	500.92	499.59	1.21	ppb
Uranium	238-1	529.55	526.46	530.56	528.86	0.40	ppb
Vanadium	51-2	98.70	96.12	107.64	100.82	5.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	206.36	203.04	224.37	211.26	5.43	ppb
Zirconium	90-1	491.33	499.31	488.86	493.17	1.11	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:41:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.11	503.05	492.63	498.26	1.06	ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 13:47:04 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.86	3.52	2.17	2.18	60.70	ppb
Antimony	121-1	0.08	0.06	0.07	0.07	9.64	ppb
Arsenic	75-2	-0.02	-0.02	-0.03	-0.02		ppb
Barium	135-1	-0.07	-0.07	-0.07	-0.07		ppb
Barium	137-1	-0.06	-0.06	-0.06	-0.06		ppb
Beryllium	9-1	0.06	0.01	0.01	0.03	99.24	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.54	9.21	8.98	9.91	14.30	ppb
Boron	11-1	10.05	10.62	10.63	10.44	3.17	ppb
Cadmium	111-1	-0.08	-0.04	-0.10	-0.07		ppb
Cadmium	106-1	-0.61	-0.21	-0.84	-0.55		ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	3.05	ppb
Calcium	43-1	-11.50	-11.33	-25.18	-16.00		ppb
Calcium	44-1	1.55	-1.53	-0.40	-0.13		ppb
Chromium	52-2	-0.06	-0.05	-0.05	-0.05		ppb
Cobalt	59-2	-0.04	-0.04	-0.05	-0.04		ppb
Copper	63-2	-0.35	-0.34	-0.32	-0.34		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.25	0.46	0.38	0.37	29.51	ppb
Iron	57-2	-0.59	-0.91	-0.59	-0.70		ppb
Lead	206-1	0.00	0.01	0.00	0.00	45.27	ppb
Lead	207-1	-0.01	-0.04	-0.01	-0.02		ppb
Lead	208-1	0.01	-0.01	-0.01	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	1.42	3.34	2.75	2.50	39.38	ppb
Manganese	55-2	-0.09	-0.06	-0.07	-0.07		ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:47:04	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.01	0.00	0.00	486.18	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	320.66	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.01	109.26	ppb
Molybdenum	97-1	-0.03	0.00	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.03	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.09	-0.11	-0.08		ppb
Phosphorus	31-2	17.47	17.83	-0.67	11.55	91.62	ppb
Potassium	39-2	11.76	11.41	5.39	9.52	37.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.09	0.00	0.00	1.36	173.21	ppb
Selenium	78-2	0.23	0.23	-0.44	0.01	6873.58	ppb
Selenium	82-1	0.38	0.37	1.01	0.59	63.00	ppb
Silicon	28-1	-12.57	-12.29	-11.55	-12.14		ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.45	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.93	ppb
Sodium	23-2	38.75	32.01	34.28	35.01	9.80	ppb
Strontium	86-1	-0.05	0.01	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	116.66	ppb
Sulfur	34-1	-978.75	-993.08	-851.70	-941.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.01	39.97	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	105.36	ppb
Tin	118-1	0.03	0.05	0.05	0.04	15.99	ppb
Titanium	47-1	-0.01	0.01	0.02	0.00	266.47	ppb
Uranium	238-1	-0.05	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.06	0.03	-0.01	-0.01		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	20.66	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:47:04	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.00	0.02	86.62	ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 13:50:13 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92315.68	93469.11	92096.29	92627.03	0.80	ppb
Antimony	121-1	1.15	1.15	1.21	1.17	2.84	ppb
Arsenic	75-2	0.41	0.23	0.31	0.32	29.28	ppb
Barium	135-1	1.55	1.47	1.41	1.48	5.04	ppb
Barium	137-1	1.32	1.39	1.44	1.38	4.32	ppb
Beryllium	9-1	0.25	0.35	0.29	0.30	17.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.13	11.01	8.62	10.59	16.94	ppb
Boron	11-1	11.24	11.15	11.30	11.23	0.71	ppb
Cadmium	111-1	0.12	0.07	0.15	0.11	33.23	ppb
Cadmium	106-1	-1.46	-1.19	-1.24	-1.30		ppb
Cadmium	108-1	6.96	6.24	6.65	6.61	5.47	ppb
Calcium	43-1	98672.84	96858.78	97092.34	97541.32	1.01	ppb
Calcium	44-1	96566.05	95498.27	96339.26	96134.52	0.59	ppb
Chromium	52-2	20.04	20.65	20.40	20.36	1.49	ppb
Cobalt	59-2	1.27	1.22	1.13	1.20	5.90	ppb
Copper	63-2	7.38	7.73	7.46	7.52	2.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	101278.46	100729.91	99326.28	100444.88	1.00	ppb
Iron	57-2	100831.56	101603.51	99398.56	100611.21	1.11	ppb
Lead	206-1	4.87	4.58	4.69	4.71	3.05	ppb
Lead	207-1	4.09	3.86	3.89	3.95	3.18	ppb
Lead	208-1	4.32	4.17	4.20	4.23	1.86	ppb
Lithium	6-1						%
Magnesium	24-2	101379.07	101638.60	102054.18	101690.62	0.33	ppb
Manganese	55-2	8.65	8.18	7.69	8.17	5.88	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:50:13	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	573.01	581.13	579.67	577.94	0.75	ppb
Molybdenum	95-1	1867.82	1874.86	1883.65	1875.44	0.42	ppb
Molybdenum	96-1	1552.86	1567.90	1568.79	1563.18	0.57	ppb
Molybdenum	97-1	1871.22	1893.78	1888.10	1884.37	0.62	ppb
Molybdenum	98-1	1879.30	1885.59	1891.66	1885.52	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.54	5.26	5.12	5.31	4.05	ppb
Phosphorus	31-2	100311.19	99913.72	97282.44	99169.12	1.66	ppb
Potassium	39-2	102079.90	101723.52	100768.60	101524.01	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.34	0.00	0.00	1.45	173.21	ppb
Selenium	78-2	0.27	3.13	1.71	1.70	84.00	ppb
Selenium	82-1	0.02	0.31	-0.18	0.05	500.37	ppb
Silicon	28-1	28.17	28.19	30.97	29.11	5.53	ppb
Silver	109-1	0.16	0.16	0.16	0.16	0.75	ppb
Silver	107-1	0.14	0.16	0.15	0.15	7.39	ppb
Sodium	23-2	100189.64	100583.43	99558.32	100110.46	0.52	ppb
Strontium	86-1	32.06	32.60	32.46	32.38	0.87	ppb
Strontium	88-1	33.09	32.97	32.85	32.97	0.37	ppb
Sulfur	34-1	75860.98	73746.25	74760.51	74789.25	1.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.12	0.10	0.11	9.26	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.39	ppb
Tin	118-1	0.16	0.17	0.15	0.16	6.59	ppb
Titanium	47-1	1981.58	1916.41	1974.42	1957.47	1.83	ppb
Uranium	238-1	-0.04	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	0.15	0.09	0.13	0.13	24.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.49	12.14	11.70	12.11	3.30	ppb
Zirconium	90-1	0.17	0.16	0.18	0.17	5.77	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:50:13	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.19	0.18	0.19	2.96	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:53:19	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89942.14	108225.97	94067.53	97411.88	9.84	ppb
Antimony	121-1	20.91	20.78	20.96	20.88	0.44	ppb
Arsenic	75-2	19.78	21.54	19.30	20.21	5.85	ppb
Barium	135-1	21.59	21.28	21.88	21.58	1.39	ppb
Barium	137-1	21.48	21.37	21.51	21.45	0.35	ppb
Beryllium	9-1	20.56	20.76	21.24	20.85	1.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	60.60	57.70	60.85	59.72	2.93	ppb
Boron	11-1	60.68	61.27	63.39	61.78	2.31	ppb
Cadmium	111-1	19.96	19.79	19.75	19.83	0.58	ppb
Cadmium	106-1	24.11	23.68	20.22	22.67	9.41	ppb
Cadmium	108-1	27.42	28.59	28.80	28.27	2.63	ppb
Calcium	43-1	97714.09	97949.26	96757.91	97473.75	0.65	ppb
Calcium	44-1	96865.80	96187.87	97674.41	96909.36	0.77	ppb
Chromium	52-2	39.27	47.22	41.51	42.66	9.61	ppb
Cobalt	59-2	20.43	25.23	22.11	22.59	10.78	ppb
Copper	63-2	26.87	32.87	28.74	29.50	10.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97168.56	117221.42	102045.85	105478.61	9.91	ppb
Iron	57-2	97447.38	118738.04	104263.20	106816.21	10.18	ppb
Lead	206-1	25.38	25.25	24.97	25.20	0.83	ppb
Lead	207-1	22.76	22.50	23.02	22.76	1.15	ppb
Lead	208-1	23.68	23.68	23.78	23.71	0.25	ppb
Lithium	6-1						%
Magnesium	24-2	98658.31	118646.38	103210.04	106838.24	9.81	ppb
Manganese	55-2	26.20	34.25	29.54	30.00	13.48	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:53:19	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	629.41	630.22	630.46	630.03	0.09	ppb
Molybdenum	95-1	1906.58	1924.89	1950.28	1927.25	1.14	ppb
Molybdenum	96-1	1599.87	1598.44	1636.68	1611.66	1.35	ppb
Molybdenum	97-1	1917.61	1936.28	1946.32	1933.41	0.75	ppb
Molybdenum	98-1	1921.53	1937.66	1973.21	1944.13	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.68	29.99	26.83	27.50	8.11	ppb
Phosphorus	31-2	96690.94	112353.35	100258.38	103100.89	7.96	ppb
Potassium	39-2	98018.42	118348.05	102989.93	106452.14	9.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	30.78	25.92	35.91	30.87	16.18	ppb
Selenium	78-2	22.54	28.33	22.27	24.38	14.04	ppb
Selenium	82-1	19.45	19.83	19.16	19.48	1.71	ppb
Silicon	28-1	88.76	88.84	91.86	89.82	1.97	ppb
Silver	109-1	18.75	19.08	18.93	18.92	0.89	ppb
Silver	107-1	18.73	18.91	19.20	18.95	1.25	ppb
Sodium	23-2	98020.50	117745.73	102314.08	106026.77	9.78	ppb
Strontium	86-1	83.77	84.70	85.72	84.73	1.15	ppb
Strontium	88-1	85.77	86.49	88.18	86.81	1.43	ppb
Sulfur	34-1	74284.38	73944.56	73644.31	73957.75	0.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.68	20.45	20.43	20.52	0.68	ppb
Thallium	205-1	20.62	20.54	20.70	20.62	0.39	ppb
Tin	118-1	52.87	52.33	52.99	52.73	0.67	ppb
Titanium	47-1	2006.11	2001.14	1999.81	2002.35	0.17	ppb
Uranium	238-1	52.75	52.72	52.95	52.81	0.23	ppb
Vanadium	51-2	19.49	24.56	20.34	21.46	12.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	31.68	38.22	32.81	34.24	10.21	ppb
Zirconium	90-1	52.30	52.02	52.56	52.29	0.52	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:53:19	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.55	51.34	51.63	51.17	1.09	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:56:24	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49262.11	49547.49	51004.79	49938.13	1.87	ppb
Antimony	121-1	501.79	502.97	501.84	502.20	0.13	ppb
Arsenic	75-2	480.23	491.38	491.66	487.76	1.34	ppb
Barium	135-1	2550.32	2531.43	2523.51	2535.09	0.54	ppb
Barium	137-1	2543.29	2545.86	2476.32	2521.82	1.56	ppb
Beryllium	9-1	514.00	511.70	511.41	512.37	0.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	512.28	516.94	519.96	516.40	0.75	ppb
Boron	11-1	514.24	518.08	517.70	516.67	0.41	ppb
Cadmium	111-1	483.57	481.77	478.36	481.23	0.55	ppb
Cadmium	106-1	489.75	492.47	482.41	488.21	1.07	ppb
Cadmium	108-1	488.86	488.26	483.79	486.97	0.57	ppb
Calcium	43-1	243460.09	241852.31	243417.48	242909.96	0.38	ppb
Calcium	44-1	244427.35	240338.69	242104.84	242290.29	0.85	ppb
Chromium	52-2	496.09	496.87	513.17	502.04	1.92	ppb
Cobalt	59-2	483.94	481.90	497.29	487.71	1.71	ppb
Copper	63-2	968.14	963.06	999.23	976.81	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121129.59	120840.87	123657.07	121875.84	1.27	ppb
Iron	57-2	124039.03	123524.91	124743.86	124102.60	0.49	ppb
Lead	206-1	517.00	517.70	516.68	517.13	0.10	ppb
Lead	207-1	521.87	517.05	509.38	516.10	1.22	ppb
Lead	208-1	516.85	519.43	510.48	515.59	0.89	ppb
Lithium	6-1						%
Magnesium	24-2	247389.31	244382.41	253936.22	248569.31	1.97	ppb
Manganese	55-2	995.67	996.57	1015.00	1002.41	1.09	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:56:24	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	505.08	503.24	508.18	505.50	0.49	ppb
Molybdenum	95-1	510.90	506.99	502.59	506.83	0.82	ppb
Molybdenum	96-1	507.28	510.40	502.48	506.72	0.79	ppb
Molybdenum	97-1	495.88	494.61	487.93	492.80	0.87	ppb
Molybdenum	98-1	499.45	508.85	498.56	502.29	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.72	488.50	503.73	493.65	1.77	ppb
Phosphorus	31-2	10327.79	9701.09	11224.21	10417.69	7.35	ppb
Potassium	39-2	124840.19	125927.53	127603.15	126123.62	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	517.32	575.95	483.23	525.50	8.92	ppb
Selenium	78-2	490.92	488.91	494.41	491.41	0.57	ppb
Selenium	82-1	491.40	493.26	488.95	491.20	0.44	ppb
Silicon	28-1	544.80	535.80	544.76	541.79	0.96	ppb
Silver	109-1	497.81	493.48	490.67	493.99	0.73	ppb
Silver	107-1	492.42	491.25	484.51	489.39	0.87	ppb
Sodium	23-2	244849.84	246264.99	253583.71	248232.85	1.89	ppb
Strontium	86-1	510.76	507.19	504.12	507.36	0.66	ppb
Strontium	88-1	515.64	516.81	505.95	512.80	1.16	ppb
Sulfur	34-1	8931.65	8848.70	8889.69	8890.01	0.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	519.41	523.24	512.33	518.33	1.07	ppb
Thallium	205-1	511.66	515.36	510.47	512.49	0.50	ppb
Tin	118-1	503.95	502.72	498.07	501.58	0.62	ppb
Titanium	47-1	504.78	500.11	506.83	503.91	0.68	ppb
Uranium	238-1	520.37	518.89	514.06	517.77	0.64	ppb
Vanadium	51-2	502.52	500.75	518.57	507.28	1.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	980.42	983.79	1008.42	990.88	1.54	ppb
Zirconium	90-1	502.46	506.23	497.73	502.14	0.85	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:56:24	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.45	505.79	502.64	504.29	0.31	ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P8
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 14:11:13 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	9.02	1.00	3.65	127.34	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	19.16	ppb
Arsenic	75-2	-0.03	-0.05	-0.01	-0.03		ppb
Barium	135-1	-0.06	-0.07	-0.05	-0.06		ppb
Barium	137-1	-0.06	-0.06	-0.06	-0.06		ppb
Beryllium	9-1	0.00	-0.01	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.00	3.36	3.27	3.54	11.30	ppb
Boron	11-1	4.34	4.15	4.64	4.38	5.65	ppb
Cadmium	111-1	-0.13	-0.10	-0.11	-0.11		ppb
Cadmium	106-1	-1.36	-0.82	-1.00	-1.06		ppb
Cadmium	108-1	0.06	0.06	0.03	0.05	31.32	ppb
Calcium	43-1	-14.99	-14.39	-14.64	-14.67		ppb
Calcium	44-1	4.17	2.36	0.97	2.50	64.21	ppb
Chromium	52-2	-0.18	-0.10	0.03	-0.08		ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.32	-0.31	-0.29	-0.31		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.56	0.56	0.89	0.67	28.83	ppb
Iron	57-2	-0.42	2.45	1.35	1.13	128.35	ppb
Lead	206-1	-0.03	-0.03	-0.01	-0.02		ppb
Lead	207-1	-0.03	-0.03	-0.04	-0.03		ppb
Lead	208-1	-0.02	-0.03	-0.02	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	6.08	2.93	3.91	4.31	37.46	ppb
Manganese	55-2	-0.02	-0.06	-0.05	-0.04		ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:11:13	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.01	54.88	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	97.52	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	747.54	ppb
Molybdenum	97-1	-0.02	0.01	0.01	0.00	1214.61	ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.19	-0.02	-0.07	-0.09		ppb
Phosphorus	31-2	0.23	-0.04	1.27	0.49	141.66	ppb
Potassium	39-2	25.33	24.01	47.35	32.23	40.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.25	-0.44	0.30	0.03	1183.29	ppb
Selenium	82-1	-0.12	0.66	0.02	0.19	223.38	ppb
Silicon	28-1	-9.25	-10.44	-9.95	-9.88		ppb
Silver	109-1	0.01	0.02	0.02	0.01	23.92	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.59	ppb
Sodium	23-2	35.92	41.12	50.49	42.51	17.37	ppb
Strontium	86-1	-0.03	0.00	0.03	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	77.30	ppb
Sulfur	34-1	-1062.31	-1050.15	-987.73	-1033.40		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.04	-0.04	-0.04		ppb
Titanium	47-1	0.05	0.01	0.02	0.03	79.97	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.03	-0.02	-0.03	-0.03		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.00	-0.12	-0.09	-0.07		ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	5.80	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:11:13	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.03	0.02	55.33	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:14:22	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.70	9.13	6.35	14.73	82.71	ppb
Antimony	121-1	1.98	1.89	1.92	1.93	2.33	ppb
Arsenic	75-2	1.18	0.84	0.80	0.94	22.06	ppb
Barium	135-1	9.15	9.10	8.96	9.07	1.08	ppb
Barium	137-1	9.12	9.14	8.91	9.06	1.46	ppb
Beryllium	9-1	0.91	0.85	0.88	0.88	3.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.93	25.29	24.24	25.16	3.39	ppb
Boron	11-1	25.18	24.72	24.92	24.94	0.93	ppb
Cadmium	111-1	0.93	0.97	0.97	0.96	2.58	ppb
Cadmium	106-1	0.85	0.49	0.88	0.74	29.45	ppb
Cadmium	108-1	0.95	0.72	0.99	0.89	16.67	ppb
Calcium	43-1	451.78	444.15	413.74	436.56	4.61	ppb
Calcium	44-1	444.37	452.17	444.53	447.02	1.00	ppb
Chromium	52-2	1.73	1.92	2.09	1.91	9.29	ppb
Cobalt	59-2	0.85	0.92	0.88	0.88	3.74	ppb
Copper	63-2	1.62	1.65	1.74	1.67	4.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.17	48.68	46.61	47.49	2.25	ppb
Iron	57-2	42.31	50.45	50.05	47.60	9.64	ppb
Lead	206-1	1.01	1.06	1.02	1.03	2.34	ppb
Lead	207-1	1.05	0.99	0.94	0.99	5.63	ppb
Lead	208-1	1.05	1.04	0.99	1.03	3.05	ppb
Lithium	6-1						%
Magnesium	24-2	460.40	464.59	459.42	461.47	0.59	ppb
Manganese	55-2	0.93	1.09	0.89	0.97	10.88	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:14:22	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.00	2.02	1.89	1.97	3.70	ppb
Molybdenum	95-1	4.28	4.31	4.19	4.26	1.54	ppb
Molybdenum	96-1	3.92	3.73	3.73	3.79	2.84	ppb
Molybdenum	97-1	4.48	4.19	4.22	4.30	3.62	ppb
Molybdenum	98-1	4.49	4.23	4.52	4.41	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	1.00	1.03	0.95	11.28	ppb
Phosphorus	31-2	17.98	-18.79	37.72	12.30	233.06	ppb
Potassium	39-2	462.63	483.59	541.95	496.06	8.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.22	0.00	16.91	7.04	124.98	ppb
Selenium	78-2	7.83	2.31	4.39	4.84	57.58	ppb
Selenium	82-1	5.18	5.00	4.40	4.86	8.42	ppb
Silicon	28-1	7.03	5.66	5.49	6.06	13.92	ppb
Silver	109-1	1.23	1.32	1.29	1.28	3.85	ppb
Silver	107-1	1.29	1.26	1.32	1.29	2.44	ppb
Sodium	23-2	481.90	510.66	497.93	496.83	2.90	ppb
Strontium	86-1	0.98	1.01	0.78	0.92	13.38	ppb
Strontium	88-1	0.90	0.92	0.95	0.92	2.94	ppb
Sulfur	34-1	-748.99	-733.83	-891.51	-791.44		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.84	0.96	0.95	0.92	7.56	ppb
Thallium	205-1	0.91	0.94	0.91	0.92	1.77	ppb
Tin	118-1	4.69	4.67	4.75	4.70	0.85	ppb
Titanium	47-1	4.61	4.52	4.35	4.49	2.93	ppb
Uranium	238-1	0.83	0.81	0.85	0.83	2.26	ppb
Vanadium	51-2	4.32	4.70	4.35	4.46	4.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.75	2.21	2.07	2.01	11.67	ppb
Zirconium	90-1	0.92	0.85	0.89	0.89	3.99	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:14:22	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.87	0.85	0.80	0.84	4.36	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:17:31	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.64	4.69	2.16	4.83	56.76	ppb
Antimony	121-1	0.27	0.28	0.28	0.28	1.89	ppb
Arsenic	75-2	0.36	0.23	0.29	0.29	21.60	ppb
Barium	135-1	1.43	1.31	1.31	1.35	5.22	ppb
Barium	137-1	1.21	1.22	1.29	1.24	3.49	ppb
Beryllium	9-1	0.23	0.24	0.29	0.26	12.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.80	2.97	3.87	3.54	14.16	ppb
Boron	11-1	3.32	3.87	4.09	3.76	10.54	ppb
Cadmium	111-1	0.14	0.26	0.16	0.19	34.28	ppb
Cadmium	106-1	-0.98	0.49	-0.79	-0.43		ppb
Cadmium	108-1	0.14	0.32	0.32	0.26	40.93	ppb
Calcium	43-1	6.87	11.81	4.44	7.71	48.71	ppb
Calcium	44-1	23.95	23.32	24.59	23.95	2.65	ppb
Chromium	52-2	0.11	0.08	0.24	0.14	60.73	ppb
Cobalt	59-2	0.24	0.23	0.21	0.22	5.64	ppb
Copper	63-2	0.29	0.19	0.30	0.26	22.96	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.85	12.84	14.14	13.94	7.32	ppb
Iron	57-2	14.76	14.91	16.21	15.29	5.21	ppb
Lead	206-1	0.28	0.27	0.26	0.27	3.40	ppb
Lead	207-1	0.24	0.25	0.24	0.24	2.19	ppb
Lead	208-1	0.26	0.25	0.24	0.25	2.89	ppb
Lithium	6-1						%
Magnesium	24-2	27.60	27.76	29.21	28.19	3.14	ppb
Manganese	55-2	0.55	0.50	0.59	0.54	8.00	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:17:31	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.23	0.24	0.24	2.75	ppb
Molybdenum	95-1	0.20	0.19	0.24	0.21	13.04	ppb
Molybdenum	96-1	0.23	0.23	0.23	0.23	0.93	ppb
Molybdenum	97-1	0.25	0.27	0.22	0.25	9.27	ppb
Molybdenum	98-1	0.23	0.22	0.23	0.23	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.15	0.24	0.20	23.88	ppb
Phosphorus	31-2	18.58	16.83	-0.76	11.55	92.61	ppb
Potassium	39-2	35.07	16.31	37.30	29.56	39.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.33	3.99	4.05	5.45	45.60	ppb
Selenium	78-2	3.63	0.86	2.21	2.23	62.05	ppb
Selenium	82-1	2.80	1.90	1.44	2.05	33.70	ppb
Silicon	28-1	-14.46	-11.92	-13.29	-13.22		ppb
Silver	109-1	0.29	0.30	0.28	0.29	3.67	ppb
Silver	107-1	0.30	0.29	0.28	0.29	3.37	ppb
Sodium	23-2	58.67	52.23	55.51	55.47	5.81	ppb
Strontium	86-1	0.25	0.27	0.19	0.24	17.54	ppb
Strontium	88-1	0.26	0.27	0.28	0.27	3.33	ppb
Sulfur	34-1	-1148.20	-1176.07	-1199.06	-1174.44		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.27	0.22	0.24	0.25	11.09	ppb
Thallium	205-1	0.24	0.24	0.23	0.23	2.52	ppb
Tin	118-1	0.16	0.17	0.13	0.15	13.84	ppb
Titanium	47-1	0.27	0.19	0.27	0.24	19.41	ppb
Uranium	238-1	0.19	0.20	0.21	0.20	5.21	ppb
Vanadium	51-2	0.29	0.26	0.21	0.25	15.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.38	0.78	0.55	0.57	35.45	ppb
Zirconium	90-1	0.24	0.27	0.23	0.25	9.55	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:17:31	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.21	0.21	0.21	0.96	ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : IDL-2 Instrumnet Name : P8
 Client Sample ID : IDL-2 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 14:20:40 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.92	10.65	7.46	9.35	17.89	ppb
Antimony	121-1	0.26	0.28	0.27	0.27	2.75	ppb
Arsenic	75-2	0.33	0.23	0.24	0.27	21.66	ppb
Barium	135-1	1.13	1.16	1.24	1.17	4.70	ppb
Barium	137-1	1.16	1.21	1.24	1.21	3.20	ppb
Beryllium	9-1	0.24	0.21	0.19	0.21	11.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.46	3.07	2.84	3.12	9.93	ppb
Boron	11-1	3.09	2.83	3.44	3.12	9.82	ppb
Cadmium	111-1	0.12	0.11	0.12	0.12	6.68	ppb
Cadmium	106-1	-1.24	-1.75	-0.82	-1.27		ppb
Cadmium	108-1	0.29	0.27	0.54	0.37	40.92	ppb
Calcium	43-1	-1.37	19.56	10.60	9.59	109.48	ppb
Calcium	44-1	24.26	18.59	24.69	22.52	15.11	ppb
Chromium	52-2	0.18	0.20	0.20	0.19	3.99	ppb
Cobalt	59-2	0.23	0.26	0.19	0.22	15.84	ppb
Copper	63-2	0.14	0.22	0.23	0.20	23.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.95	14.67	13.41	14.01	4.54	ppb
Iron	57-2	11.25	7.48	11.15	9.96	21.61	ppb
Lead	206-1	0.21	0.28	0.21	0.23	17.55	ppb
Lead	207-1	0.23	0.23	0.20	0.22	9.05	ppb
Lead	208-1	0.22	0.23	0.21	0.22	4.55	ppb
Lithium	6-1						%
Magnesium	24-2	33.07	33.60	24.53	30.40	16.73	ppb
Manganese	55-2	0.51	0.53	0.50	0.51	2.44	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-2	Instrumnet Name :	P8
Client Sample ID :	IDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:20:40	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.22	0.20	0.21	5.03	ppb
Molybdenum	95-1	0.24	0.22	0.24	0.23	4.89	ppb
Molybdenum	96-1	0.22	0.26	0.22	0.23	9.69	ppb
Molybdenum	97-1	0.23	0.21	0.25	0.23	8.03	ppb
Molybdenum	98-1	0.25	0.23	0.16	0.21	21.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.24	0.20	0.23	13.09	ppb
Phosphorus	31-2	-0.82	38.93	54.32	30.81	92.35	ppb
Potassium	39-2	29.50	17.03	39.63	28.72	39.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	5.51	0.28	5.51	3.77	80.18	ppb
Selenium	82-1	2.18	2.48	1.86	2.17	14.14	ppb
Silicon	28-1	-12.76	-17.45	-12.99	-14.40		ppb
Silver	109-1	0.27	0.27	0.26	0.27	3.11	ppb
Silver	107-1	0.25	0.26	0.29	0.27	7.65	ppb
Sodium	23-2	48.94	58.62	56.74	54.77	9.37	ppb
Strontium	86-1	0.23	0.28	0.25	0.25	10.19	ppb
Strontium	88-1	0.27	0.26	0.27	0.27	3.76	ppb
Sulfur	34-1	-1132.72	-1325.40	-1270.09	-1242.74		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.26	0.25	0.24	7.96	ppb
Thallium	205-1	0.23	0.24	0.25	0.24	3.60	ppb
Tin	118-1	0.15	0.12	0.10	0.13	17.81	ppb
Titanium	47-1	0.29	0.24	0.25	0.26	11.15	ppb
Uranium	238-1	0.19	0.18	0.16	0.18	8.22	ppb
Vanadium	51-2	0.26	0.25	0.19	0.24	16.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.42	0.68	0.52	0.54	23.97	ppb
Zirconium	90-1	0.22	0.24	0.25	0.24	6.07	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-2	Instrumnet Name :	P8
Client Sample ID :	IDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:20:40	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.22	0.24	0.23	6.40	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:23:50	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.25	13.03	7.31	7.53	71.65	ppb
Antimony	121-1	0.30	0.29	0.28	0.29	3.34	ppb
Arsenic	75-2	0.28	0.25	0.16	0.23	27.73	ppb
Barium	135-1	1.35	1.29	1.22	1.29	4.93	ppb
Barium	137-1	1.41	1.28	1.27	1.32	6.00	ppb
Beryllium	9-1	0.33	0.27	0.26	0.29	11.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.35	1.45	2.17	1.99	23.91	ppb
Boron	11-1	2.76	3.17	2.91	2.95	7.08	ppb
Cadmium	111-1	0.19	0.13	0.12	0.15	23.35	ppb
Cadmium	106-1	-0.04	-1.02	-1.31	-0.79		ppb
Cadmium	108-1	0.38	0.22	0.19	0.26	38.71	ppb
Calcium	43-1	16.35	14.52	5.67	12.18	46.88	ppb
Calcium	44-1	24.13	24.91	23.36	24.13	3.23	ppb
Chromium	52-2	0.28	0.14	0.17	0.20	34.94	ppb
Cobalt	59-2	0.27	0.26	0.25	0.26	2.43	ppb
Copper	63-2	0.22	0.25	0.18	0.22	17.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.09	14.91	13.98	14.33	3.53	ppb
Iron	57-2	10.02	10.05	15.39	11.82	26.17	ppb
Lead	206-1	0.18	0.20	0.20	0.19	8.00	ppb
Lead	207-1	0.19	0.20	0.21	0.20	4.88	ppb
Lead	208-1	0.21	0.23	0.22	0.22	6.37	ppb
Lithium	6-1						%
Magnesium	24-2	25.36	33.11	32.44	30.31	14.17	ppb
Manganese	55-2	0.60	0.57	0.72	0.63	12.75	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:23:50	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.22	0.27	0.24	11.55	ppb
Molybdenum	95-1	0.20	0.23	0.21	0.21	6.19	ppb
Molybdenum	96-1	0.24	0.23	0.25	0.24	3.25	ppb
Molybdenum	97-1	0.20	0.17	0.20	0.19	8.89	ppb
Molybdenum	98-1	0.22	0.23	0.23	0.23	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.26	0.24	0.26	6.54	ppb
Phosphorus	31-2	18.52	-0.10	-0.87	5.85	187.72	ppb
Potassium	39-2	42.30	49.74	23.18	38.41	35.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.20	4.17	4.04	4.14	1.98	ppb
Selenium	78-2	3.68	6.37	4.19	4.74	30.12	ppb
Selenium	82-1	1.98	2.68	2.34	2.33	15.02	ppb
Silicon	28-1	-11.35	-13.02	-14.04	-12.80		ppb
Silver	109-1	0.30	0.29	0.29	0.29	1.45	ppb
Silver	107-1	0.29	0.27	0.27	0.27	4.13	ppb
Sodium	23-2	61.77	61.43	55.83	59.68	5.59	ppb
Strontium	86-1	0.32	0.29	0.22	0.28	17.53	ppb
Strontium	88-1	0.26	0.26	0.26	0.26	0.79	ppb
Sulfur	34-1	-956.27	-1042.50	-1256.40	-1085.06		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.27	0.22	0.26	0.25	10.18	ppb
Thallium	205-1	0.26	0.25	0.23	0.25	5.53	ppb
Tin	118-1	0.16	0.13	0.14	0.14	13.29	ppb
Titanium	47-1	0.40	0.27	0.35	0.34	20.18	ppb
Uranium	238-1	0.18	0.20	0.19	0.19	5.07	ppb
Vanadium	51-2	0.30	0.25	0.24	0.26	12.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.47	0.60	0.57	0.55	13.08	ppb
Zirconium	90-1	0.28	0.25	0.24	0.26	7.68	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:23:50	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.26	0.23	0.26	11.79	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:27:00	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.38	4.85	7.37	7.87	41.87	ppb
Antimony	121-1	0.25	0.23	0.28	0.25	9.38	ppb
Arsenic	75-2	0.25	0.24	0.06	0.18	56.94	ppb
Barium	135-1	1.19	1.04	1.10	1.11	6.83	ppb
Barium	137-1	1.19	1.25	1.12	1.19	5.30	ppb
Beryllium	9-1	0.28	0.25	0.25	0.26	6.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.43	2.47	1.63	2.18	21.91	ppb
Boron	11-1	2.55	2.01	2.43	2.33	12.08	ppb
Cadmium	111-1	0.16	0.17	0.20	0.18	12.42	ppb
Cadmium	106-1	-0.53	-0.84	-0.53	-0.64		ppb
Cadmium	108-1	0.40	0.24	0.19	0.28	39.85	ppb
Calcium	43-1	-2.18	4.05	10.15	4.01	153.81	ppb
Calcium	44-1	21.56	21.77	27.08	23.47	13.32	ppb
Chromium	52-2	0.11	0.15	0.15	0.14	17.55	ppb
Cobalt	59-2	0.21	0.17	0.19	0.19	8.89	ppb
Copper	63-2	0.23	0.21	0.15	0.20	21.42	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.68	13.84	13.14	13.22	4.39	ppb
Iron	57-2	12.89	16.22	11.69	13.60	17.25	ppb
Lead	206-1	0.23	0.23	0.21	0.22	3.40	ppb
Lead	207-1	0.20	0.18	0.23	0.20	12.78	ppb
Lead	208-1	0.22	0.19	0.21	0.21	5.50	ppb
Lithium	6-1						%
Magnesium	24-2	26.62	30.32	27.69	28.21	6.76	ppb
Manganese	55-2	0.57	0.63	0.38	0.52	24.70	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:27:00	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.21	0.20	0.20	4.06	ppb
Molybdenum	95-1	0.19	0.24	0.21	0.21	10.16	ppb
Molybdenum	96-1	0.21	0.19	0.19	0.20	4.09	ppb
Molybdenum	97-1	0.20	0.18	0.24	0.21	15.31	ppb
Molybdenum	98-1	0.17	0.19	0.19	0.18	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.23	0.16	0.18	23.14	ppb
Phosphorus	31-2	-0.56	-0.44	-0.72	-0.57		ppb
Potassium	39-2	28.69	30.28	12.25	23.74	42.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	4.05	1.35	173.21	ppb
Selenium	78-2	1.54	0.87	0.88	1.10	34.78	ppb
Selenium	82-1	1.69	1.49	2.24	1.81	21.56	ppb
Silicon	28-1	-15.59	-15.62	-11.62	-14.28		ppb
Silver	109-1	0.26	0.25	0.24	0.25	4.07	ppb
Silver	107-1	0.24	0.24	0.28	0.26	9.12	ppb
Sodium	23-2	46.21	56.28	54.09	52.19	10.14	ppb
Strontium	86-1	0.28	0.27	0.20	0.25	18.25	ppb
Strontium	88-1	0.25	0.27	0.24	0.25	5.32	ppb
Sulfur	34-1	-1364.88	-1214.95	-1122.70	-1234.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.24	0.26	0.24	4.45	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	2.86	ppb
Tin	118-1	0.09	0.14	0.13	0.12	18.66	ppb
Titanium	47-1	0.26	0.32	0.33	0.31	11.74	ppb
Uranium	238-1	0.17	0.18	0.17	0.17	2.40	ppb
Vanadium	51-2	0.21	0.24	0.24	0.23	8.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.50	0.14	0.75	0.46	65.74	ppb
Zirconium	90-1	0.22	0.24	0.23	0.23	4.26	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:27:00	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.26	0.22	0.22	18.69	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:30:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.02	7.41	6.18	9.53	50.23	ppb
Antimony	121-1	0.28	0.28	0.29	0.28	2.92	ppb
Arsenic	75-2	0.17	0.22	0.24	0.21	15.98	ppb
Barium	135-1	1.24	1.32	1.21	1.26	4.78	ppb
Barium	137-1	1.23	1.19	1.24	1.22	2.32	ppb
Beryllium	9-1	0.20	0.19	0.23	0.20	11.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.30	2.53	3.03	2.95	13.14	ppb
Boron	11-1	2.13	2.30	2.59	2.34	9.90	ppb
Cadmium	111-1	0.15	0.17	0.15	0.16	7.61	ppb
Cadmium	106-1	-0.46	-0.45	-1.12	-0.68		ppb
Cadmium	108-1	0.33	0.31	0.34	0.33	4.45	ppb
Calcium	43-1	12.23	4.09	17.59	11.30	60.14	ppb
Calcium	44-1	22.15	19.42	19.49	20.35	7.66	ppb
Chromium	52-2	0.22	0.14	0.22	0.19	22.04	ppb
Cobalt	59-2	0.24	0.24	0.24	0.24	0.34	ppb
Copper	63-2	0.18	0.27	0.16	0.20	27.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.81	13.68	13.85	13.78	0.65	ppb
Iron	57-2	12.56	17.05	15.51	15.04	15.19	ppb
Lead	206-1	0.23	0.21	0.21	0.21	4.71	ppb
Lead	207-1	0.21	0.19	0.19	0.20	6.91	ppb
Lead	208-1	0.22	0.21	0.21	0.21	3.38	ppb
Lithium	6-1						%
Magnesium	24-2	28.40	29.69	29.79	29.29	2.64	ppb
Manganese	55-2	0.50	0.59	0.64	0.58	12.13	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:30:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.21	0.22	0.23	9.71	ppb
Molybdenum	95-1	0.23	0.18	0.23	0.21	13.28	ppb
Molybdenum	96-1	0.27	0.23	0.20	0.23	14.38	ppb
Molybdenum	97-1	0.21	0.21	0.21	0.21	0.28	ppb
Molybdenum	98-1	0.22	0.25	0.21	0.23	9.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.15	0.18	0.16	10.32	ppb
Phosphorus	31-2	-18.79	-18.79	-0.43	-12.67		ppb
Potassium	39-2	28.12	35.29	27.07	30.16	14.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.99	0.00	8.04	4.01	100.27	ppb
Selenium	78-2	1.52	2.82	5.46	3.27	61.56	ppb
Selenium	82-1	1.93	2.39	2.94	2.42	20.82	ppb
Silicon	28-1	-16.87	-18.69	-13.95	-16.50		ppb
Silver	109-1	0.29	0.29	0.25	0.28	7.42	ppb
Silver	107-1	0.24	0.28	0.30	0.27	10.90	ppb
Sodium	23-2	55.03	46.30	45.24	48.86	10.99	ppb
Strontium	86-1	0.24	0.21	0.18	0.21	15.97	ppb
Strontium	88-1	0.25	0.26	0.26	0.25	2.59	ppb
Sulfur	34-1	-1174.55	-1545.54	-1173.52	-1297.87		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.23	0.24	0.24	3.74	ppb
Thallium	205-1	0.26	0.24	0.26	0.25	3.88	ppb
Tin	118-1	0.18	0.17	0.15	0.16	10.48	ppb
Titanium	47-1	0.17	0.36	0.29	0.27	34.06	ppb
Uranium	238-1	0.18	0.18	0.18	0.18	1.26	ppb
Vanadium	51-2	0.24	0.18	0.32	0.25	29.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.79	0.69	0.50	0.66	21.96	ppb
Zirconium	90-1	0.26	0.26	0.25	0.26	1.89	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:30:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.25	0.27	0.26	3.17	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:33:19	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.01	8.64	7.35	7.67	11.22	ppb
Antimony	121-1	0.31	0.27	0.28	0.28	7.73	ppb
Arsenic	75-2	0.32	0.21	0.35	0.29	25.56	ppb
Barium	135-1	1.19	1.23	1.40	1.27	8.58	ppb
Barium	137-1	1.27	1.20	1.24	1.24	3.07	ppb
Beryllium	9-1	0.30	0.29	0.26	0.28	6.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.98	2.84	2.67	2.83	5.46	ppb
Boron	11-1	2.18	2.45	2.62	2.42	9.33	ppb
Cadmium	111-1	0.22	0.09	0.19	0.16	42.18	ppb
Cadmium	106-1	0.10	-1.01	-0.68	-0.53		ppb
Cadmium	108-1	0.35	0.35	0.22	0.30	25.16	ppb
Calcium	43-1	20.03	17.85	11.60	16.49	26.52	ppb
Calcium	44-1	22.76	22.60	22.67	22.68	0.34	ppb
Chromium	52-2	0.34	0.14	0.12	0.20	59.53	ppb
Cobalt	59-2	0.20	0.20	0.22	0.21	5.16	ppb
Copper	63-2	0.30	0.22	0.23	0.25	16.89	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15.68	13.99	13.84	14.51	7.05	ppb
Iron	57-2	15.18	9.53	15.49	13.40	25.03	ppb
Lead	206-1	0.21	0.23	0.22	0.22	4.75	ppb
Lead	207-1	0.22	0.23	0.24	0.23	4.25	ppb
Lead	208-1	0.22	0.22	0.22	0.22	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	32.98	33.93	37.12	34.68	6.26	ppb
Manganese	55-2	0.33	0.55	0.42	0.43	25.83	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:33:19	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.21	0.20	0.21	4.98	ppb
Molybdenum	95-1	0.22	0.20	0.22	0.21	5.75	ppb
Molybdenum	96-1	0.21	0.21	0.21	0.21	1.89	ppb
Molybdenum	97-1	0.17	0.24	0.17	0.19	22.16	ppb
Molybdenum	98-1	0.21	0.19	0.18	0.19	7.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.17	0.20	0.20	11.81	ppb
Phosphorus	31-2	-18.79	-0.78	-18.79	-12.78		ppb
Potassium	39-2	53.59	28.01	31.27	37.62	37.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	7.14	1.56	1.56	3.42	94.10	ppb
Selenium	82-1	1.75	1.91	1.85	1.84	4.43	ppb
Silicon	28-1	-15.48	3.90	-13.95	-8.51		ppb
Silver	109-1	0.29	0.29	0.27	0.28	3.15	ppb
Silver	107-1	0.25	0.26	0.27	0.26	3.06	ppb
Sodium	23-2	61.25	53.22	46.87	53.78	13.40	ppb
Strontium	86-1	0.31	0.22	0.24	0.25	17.89	ppb
Strontium	88-1	0.28	0.26	0.26	0.27	4.44	ppb
Sulfur	34-1	-820.60	-663.41	-907.74	-797.25		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.27	0.24	0.24	11.27	ppb
Thallium	205-1	0.25	0.23	0.22	0.23	7.60	ppb
Tin	118-1	0.14	0.09	0.15	0.13	22.56	ppb
Titanium	47-1	0.38	0.26	0.28	0.31	20.31	ppb
Uranium	238-1	0.17	0.19	0.20	0.19	7.56	ppb
Vanadium	51-2	0.24	0.26	0.31	0.27	14.41	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.59	0.33	0.62	0.52	30.59	ppb
Zirconium	90-1	0.27	0.24	0.25	0.25	4.61	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:33:19	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.25	0.23	0.24	5.58	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:36:28	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.38	4.84	10.11	7.44	35.42	ppb
Antimony	121-1	0.30	0.25	0.26	0.27	8.95	ppb
Arsenic	75-2	0.08	0.24	0.19	0.17	48.84	ppb
Barium	135-1	1.28	1.21	1.42	1.30	8.22	ppb
Barium	137-1	1.25	1.25	1.14	1.22	5.17	ppb
Beryllium	9-1	0.26	0.25	0.24	0.25	4.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.47	2.12	1.69	1.76	18.78	ppb
Boron	11-1	2.38	2.02	2.32	2.24	8.59	ppb
Cadmium	111-1	0.21	0.20	0.11	0.17	32.80	ppb
Cadmium	106-1	0.09	-0.42	-0.82	-0.38		ppb
Cadmium	108-1	0.15	0.27	0.38	0.26	43.08	ppb
Calcium	43-1	13.50	8.00	2.77	8.09	66.31	ppb
Calcium	44-1	27.27	26.61	20.59	24.82	14.82	ppb
Chromium	52-2	0.18	0.10	0.11	0.13	34.54	ppb
Cobalt	59-2	0.24	0.22	0.23	0.23	2.78	ppb
Copper	63-2	0.15	0.23	0.19	0.19	22.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.31	12.97	13.65	13.31	2.55	ppb
Iron	57-2	12.39	9.05	12.59	11.35	17.52	ppb
Lead	206-1	0.22	0.23	0.19	0.22	9.65	ppb
Lead	207-1	0.21	0.21	0.21	0.21	0.96	ppb
Lead	208-1	0.22	0.21	0.21	0.21	2.99	ppb
Lithium	6-1						%
Magnesium	24-2	28.49	27.02	29.41	28.31	4.25	ppb
Manganese	55-2	0.46	0.65	0.56	0.56	17.47	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:36:28	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.20	0.20	0.20	2.56	ppb
Molybdenum	95-1	0.24	0.17	0.19	0.20	16.48	ppb
Molybdenum	96-1	0.23	0.22	0.24	0.23	5.35	ppb
Molybdenum	97-1	0.25	0.19	0.18	0.21	16.38	ppb
Molybdenum	98-1	0.22	0.19	0.17	0.20	12.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.19	0.15	0.20	28.60	ppb
Phosphorus	31-2	17.38	-0.48	-18.79	-0.63		ppb
Potassium	39-2	25.91	40.97	26.05	30.98	27.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	4.84	3.59	0.89	3.11	64.88	ppb
Selenium	82-1	1.54	1.88	1.34	1.59	17.14	ppb
Silicon	28-1	-9.35	-10.45	-13.14	-10.98		ppb
Silver	109-1	0.28	0.25	0.25	0.26	6.64	ppb
Silver	107-1	0.28	0.23	0.27	0.26	10.63	ppb
Sodium	23-2	46.17	46.49	54.87	49.17	10.04	ppb
Strontium	86-1	0.30	0.22	0.24	0.25	15.63	ppb
Strontium	88-1	0.26	0.27	0.24	0.26	4.57	ppb
Sulfur	34-1	-400.97	-720.87	-941.34	-687.73		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.24	0.21	0.23	7.35	ppb
Thallium	205-1	0.22	0.21	0.22	0.21	2.22	ppb
Tin	118-1	0.14	0.10	0.14	0.13	18.08	ppb
Titanium	47-1	0.23	0.34	0.33	0.30	20.86	ppb
Uranium	238-1	0.20	0.16	0.17	0.18	11.53	ppb
Vanadium	51-2	0.22	0.27	0.16	0.21	25.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.58	0.52	0.57	0.55	5.29	ppb
Zirconium	90-1	0.25	0.24	0.23	0.24	4.91	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:36:28	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.24	0.22	0.23	7.20	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:39:38	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50965.51	51266.99	50281.77	50838.09	0.99	ppb
Antimony	121-1	491.26	506.71	514.16	504.04	2.32	ppb
Arsenic	75-2	498.46	496.59	488.68	494.58	1.05	ppb
Barium	135-1	2465.51	2568.54	2599.93	2544.66	2.76	ppb
Barium	137-1	2462.37	2528.56	2554.31	2515.08	1.89	ppb
Beryllium	9-1	506.55	516.90	522.73	515.40	1.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	499.01	516.56	524.31	513.30	2.53	ppb
Boron	11-1	500.22	521.07	532.46	517.92	3.16	ppb
Cadmium	111-1	471.52	486.47	490.18	482.72	2.05	ppb
Cadmium	106-1	478.38	499.55	504.61	494.18	2.82	ppb
Cadmium	108-1	489.56	500.58	499.46	496.53	1.22	ppb
Calcium	43-1	239276.73	246330.88	245339.94	243649.18	1.57	ppb
Calcium	44-1	238295.78	244589.00	243244.75	242043.18	1.37	ppb
Chromium	52-2	515.36	513.30	508.23	512.30	0.72	ppb
Cobalt	59-2	495.57	494.92	485.27	491.92	1.17	ppb
Copper	63-2	998.11	1005.41	970.97	991.50	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	125498.89	125119.10	124124.89	124914.29	0.57	ppb
Iron	57-2	125054.37	126900.59	125841.03	125932.00	0.74	ppb
Lead	206-1	502.84	524.13	525.70	517.56	2.47	ppb
Lead	207-1	503.52	519.25	521.58	514.78	1.91	ppb
Lead	208-1	501.81	520.50	518.63	513.65	2.00	ppb
Lithium	6-1						%
Magnesium	24-2	254586.58	251808.20	247959.55	251451.44	1.32	ppb
Manganese	55-2	1028.10	1020.44	1013.00	1020.51	0.74	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:39:38	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	491.35	504.96	510.47	502.26	1.96	ppb
Molybdenum	95-1	497.42	511.80	509.26	506.16	1.52	ppb
Molybdenum	96-1	491.50	505.28	512.82	503.20	2.15	ppb
Molybdenum	97-1	478.36	491.45	494.90	488.24	1.79	ppb
Molybdenum	98-1	495.92	506.89	511.40	504.74	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.45	498.32	491.26	497.01	1.05	ppb
Phosphorus	31-2	10013.72	10646.46	10064.97	10241.72	3.43	ppb
Potassium	39-2	128807.12	129004.90	128466.25	128759.42	0.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	490.23	507.11	455.42	484.26	5.44	ppb
Selenium	78-2	500.12	478.13	465.15	481.13	3.67	ppb
Selenium	82-1	480.91	492.91	499.02	490.94	1.88	ppb
Silicon	28-1	542.16	562.95	579.19	561.43	3.31	ppb
Silver	109-1	482.67	497.50	507.54	495.90	2.52	ppb
Silver	107-1	482.48	497.09	505.84	495.14	2.38	ppb
Sodium	23-2	252570.72	249990.55	248524.22	250361.83	0.82	ppb
Strontium	86-1	507.95	508.00	510.23	508.72	0.26	ppb
Strontium	88-1	498.83	515.46	521.18	511.82	2.27	ppb
Sulfur	34-1	9635.26	10001.88	9858.54	9831.89	1.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	507.07	526.82	528.27	520.72	2.27	ppb
Thallium	205-1	500.99	517.52	521.82	513.44	2.14	ppb
Tin	118-1	495.69	513.33	512.53	507.19	1.96	ppb
Titanium	47-1	498.76	503.37	504.25	502.12	0.59	ppb
Uranium	238-1	504.70	518.64	521.17	514.84	1.72	ppb
Vanadium	51-2	517.70	515.52	506.37	513.20	1.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.01	1009.85	998.59	1005.15	0.58	ppb
Zirconium	90-1	491.79	502.27	510.50	501.52	1.87	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:39:38	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.22	505.25	515.95	502.47	3.00	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:54:49	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.10	-0.44	0.87	2.18	158.97	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	13.44	ppb
Arsenic	75-2	-0.02	0.03	0.03	0.02	171.82	ppb
Barium	135-1	-0.07	-0.07	-0.05	-0.07		ppb
Barium	137-1	-0.08	-0.06	-0.06	-0.07		ppb
Beryllium	9-1	-0.03	0.01	-0.01	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.77	3.08	2.55	2.47	26.81	ppb
Boron	11-1	2.67	2.47	2.41	2.52	5.35	ppb
Cadmium	111-1	-0.15	-0.11	-0.11	-0.12		ppb
Cadmium	106-1	-1.59	-0.91	-1.06	-1.19		ppb
Cadmium	108-1	-0.07	0.06	-0.05	-0.02		ppb
Calcium	43-1	-10.01	-20.19	-22.90	-17.70		ppb
Calcium	44-1	-0.85	-0.40	-2.11	-1.12		ppb
Chromium	52-2	-0.15	-0.15	-0.07	-0.12		ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	-0.34	-0.36	-0.34	-0.35		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.07	0.20	0.12	0.08	165.79	ppb
Iron	57-2	-1.64	-2.00	-0.93	-1.53		ppb
Lead	206-1	-0.01	-0.04	-0.02	-0.02		ppb
Lead	207-1	-0.04	-0.02	-0.03	-0.03		ppb
Lead	208-1	-0.02	-0.03	-0.03	-0.03		ppb
Lithium	6-1						%
Magnesium	24-2	1.69	1.67	1.97	1.78	9.39	ppb
Manganese	55-2	-0.05	0.01	-0.04	-0.03		ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P8
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 14:54:49 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	95-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	97-1	-0.04	-0.04	-0.03	-0.04		ppb
Molybdenum	98-1	-0.03	-0.03	-0.03	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.08	-0.08	-0.09		ppb
Phosphorus	31-2	-18.79	17.41	-18.79	-6.72		ppb
Potassium	39-2	7.39	20.15	25.75	17.76	52.99	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	1.54	0.89	0.67	151.92	ppb
Selenium	82-1	0.01	0.36	0.30	0.22	84.19	ppb
Silicon	28-1	-13.59	-16.25	-13.54	-14.46		ppb
Silver	109-1	0.01	0.00	0.01	0.01	19.62	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.01	ppb
Sodium	23-2	26.50	32.09	32.42	30.34	10.96	ppb
Strontium	86-1	-0.02	-0.06	0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	21.07	ppb
Sulfur	34-1	-1029.23	-1024.82	-875.72	-976.59		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	-0.14	-0.14	-0.10	-0.13		ppb
Titanium	47-1	-0.02	0.02	0.05	0.02	230.69	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.02	-0.03	-0.02	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.03	-0.10	-0.12	-0.07		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	58.24	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:54:49	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.00	0.01	61.21	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:57:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.79	3.48	3.48	3.91	19.29	ppb
Antimony	121-1	0.24	0.26	0.29	0.26	9.04	ppb
Arsenic	75-2	0.14	0.29	0.19	0.21	36.21	ppb
Barium	135-1	1.16	1.38	1.13	1.22	11.28	ppb
Barium	137-1	1.18	1.16	1.18	1.17	1.22	ppb
Beryllium	9-1	0.27	0.17	0.22	0.22	22.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.65	1.97	1.98	1.86	10.17	ppb
Boron	11-1	2.73	2.48	2.59	2.60	4.88	ppb
Cadmium	111-1	0.09	0.16	0.19	0.15	33.54	ppb
Cadmium	106-1	-1.28	-1.01	-0.34	-0.88		ppb
Cadmium	108-1	0.32	0.30	0.19	0.27	25.79	ppb
Calcium	43-1	20.01	16.43	16.40	17.61	11.79	ppb
Calcium	44-1	25.81	20.91	25.41	24.04	11.31	ppb
Chromium	52-2	0.18	0.17	0.04	0.13	59.79	ppb
Cobalt	59-2	0.23	0.21	0.18	0.21	11.73	ppb
Copper	63-2	0.22	0.22	0.11	0.19	34.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.22	13.06	13.48	13.25	1.60	ppb
Iron	57-2	6.81	16.32	15.25	12.79	40.73	ppb
Lead	206-1	0.22	0.24	0.20	0.22	8.72	ppb
Lead	207-1	0.22	0.16	0.19	0.19	14.94	ppb
Lead	208-1	0.21	0.21	0.22	0.21	2.69	ppb
Lithium	6-1						%
Magnesium	24-2	25.65	26.45	30.96	27.69	10.33	ppb
Manganese	55-2	0.47	0.62	0.48	0.52	15.22	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:57:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.21	0.21	0.23	12.51	ppb
Molybdenum	95-1	0.23	0.24	0.17	0.21	17.88	ppb
Molybdenum	96-1	0.23	0.22	0.20	0.21	6.72	ppb
Molybdenum	97-1	0.29	0.19	0.19	0.22	25.03	ppb
Molybdenum	98-1	0.22	0.19	0.22	0.21	8.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.15	0.07	0.10	43.42	ppb
Phosphorus	31-2	35.61	-0.66	-0.67	11.42	183.36	ppb
Potassium	39-2	18.19	45.07	21.73	28.33	51.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.52	0.89	2.21	1.54	43.09	ppb
Selenium	82-1	1.40	1.76	2.47	1.88	28.90	ppb
Silicon	28-1	-13.94	-15.17	-13.21	-14.10		ppb
Silver	109-1	0.24	0.27	0.24	0.25	6.73	ppb
Silver	107-1	0.25	0.25	0.26	0.25	1.83	ppb
Sodium	23-2	52.08	58.40	49.95	53.48	8.22	ppb
Strontium	86-1	0.20	0.25	0.24	0.23	11.06	ppb
Strontium	88-1	0.27	0.25	0.25	0.26	4.07	ppb
Sulfur	34-1	-864.24	-979.71	-1001.44	-948.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.20	0.27	0.23	16.52	ppb
Thallium	205-1	0.23	0.22	0.21	0.22	4.56	ppb
Tin	118-1	0.15	0.16	0.10	0.14	23.52	ppb
Titanium	47-1	0.37	0.25	0.26	0.29	22.59	ppb
Uranium	238-1	0.17	0.17	0.19	0.18	5.13	ppb
Vanadium	51-2	0.17	0.23	0.25	0.22	21.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.65	0.56	0.67	0.62	9.30	ppb
Zirconium	90-1	0.24	0.24	0.23	0.23	3.38	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:57:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.24	0.21	0.24	9.79	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:01:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.93	5.98	4.79	8.90	68.75	ppb
Antimony	121-1	0.28	0.27	0.27	0.27	2.61	ppb
Arsenic	75-2	0.26	0.32	0.22	0.27	17.76	ppb
Barium	135-1	1.28	1.19	1.30	1.26	4.46	ppb
Barium	137-1	1.17	1.17	1.27	1.20	4.97	ppb
Beryllium	9-1	0.29	0.16	0.26	0.24	29.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.18	2.42	2.68	2.43	10.22	ppb
Boron	11-1	1.88	1.83	1.90	1.87	1.97	ppb
Cadmium	111-1	0.18	0.21	0.14	0.18	17.94	ppb
Cadmium	106-1	-0.76	-0.28	-1.12	-0.72		ppb
Cadmium	108-1	0.24	0.21	0.24	0.23	6.02	ppb
Calcium	43-1	-2.04	2.85	6.94	2.58	174.05	ppb
Calcium	44-1	19.29	23.92	17.79	20.33	15.71	ppb
Chromium	52-2	0.02	0.19	0.20	0.14	75.04	ppb
Cobalt	59-2	0.22	0.22	0.18	0.21	12.42	ppb
Copper	63-2	0.20	0.21	0.24	0.21	9.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.00	13.16	13.91	13.36	3.65	ppb
Iron	57-2	13.88	13.88	10.69	12.82	14.34	ppb
Lead	206-1	0.23	0.23	0.25	0.24	4.79	ppb
Lead	207-1	0.24	0.23	0.21	0.23	5.93	ppb
Lead	208-1	0.23	0.22	0.23	0.23	2.73	ppb
Lithium	6-1						%
Magnesium	24-2	27.19	26.19	28.08	27.15	3.47	ppb
Manganese	55-2	0.60	0.52	0.62	0.58	8.45	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:01:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.27	0.23	0.25	8.24	ppb
Molybdenum	95-1	0.23	0.21	0.18	0.21	12.05	ppb
Molybdenum	96-1	0.22	0.25	0.21	0.23	8.73	ppb
Molybdenum	97-1	0.23	0.22	0.21	0.22	4.82	ppb
Molybdenum	98-1	0.18	0.22	0.21	0.20	9.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.15	0.15	0.16	9.32	ppb
Phosphorus	31-2	16.16	-0.99	-18.79	-1.20		ppb
Potassium	39-2	26.60	22.13	17.86	22.20	19.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.97	4.03	0.00	2.67	86.61	ppb
Selenium	78-2	0.85	0.88	2.20	1.31	58.77	ppb
Selenium	82-1	2.28	2.07	1.74	2.03	13.34	ppb
Silicon	28-1	-13.28	-15.29	-14.75	-14.44		ppb
Silver	109-1	0.26	0.26	0.27	0.26	3.54	ppb
Silver	107-1	0.27	0.31	0.26	0.28	8.02	ppb
Sodium	23-2	51.30	57.37	50.52	53.06	7.07	ppb
Strontium	86-1	0.25	0.28	0.19	0.24	20.04	ppb
Strontium	88-1	0.27	0.26	0.27	0.27	2.53	ppb
Sulfur	34-1	-1229.40	-1160.34	-1249.56	-1213.10		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.26	0.26	0.26	0.32	ppb
Thallium	205-1	0.25	0.23	0.25	0.24	3.59	ppb
Tin	118-1	0.14	0.17	0.16	0.15	11.04	ppb
Titanium	47-1	0.30	0.25	0.30	0.29	9.32	ppb
Uranium	238-1	0.19	0.20	0.18	0.19	4.50	ppb
Vanadium	51-2	0.32	0.23	0.32	0.29	17.08	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.49	0.28	0.87	0.55	54.16	ppb
Zirconium	90-1	0.25	0.28	0.26	0.26	6.22	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:01:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.27	0.21	0.25	12.99	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:04:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.21	6.08	2.20	5.16	50.91	ppb
Antimony	121-1	0.25	0.27	0.24	0.25	4.92	ppb
Arsenic	75-2	0.22	0.16	0.11	0.16	32.62	ppb
Barium	135-1	1.23	1.19	1.15	1.19	3.19	ppb
Barium	137-1	1.31	1.05	1.23	1.20	11.11	ppb
Beryllium	9-1	0.25	0.19	0.24	0.23	13.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.95	1.78	1.34	1.36	30.55	ppb
Boron	11-1	1.95	1.60	2.17	1.91	15.19	ppb
Cadmium	111-1	0.18	0.13	0.14	0.15	16.36	ppb
Cadmium	106-1	-0.75	-0.98	-0.72	-0.82		ppb
Cadmium	108-1	0.14	0.38	0.24	0.25	48.04	ppb
Calcium	43-1	0.87	2.89	-2.21	0.52	496.52	ppb
Calcium	44-1	22.32	25.02	23.93	23.76	5.71	ppb
Chromium	52-2	0.12	0.20	0.13	0.15	30.13	ppb
Cobalt	59-2	0.22	0.19	0.26	0.22	15.61	ppb
Copper	63-2	0.22	0.16	0.20	0.19	17.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.55	13.42	14.04	13.34	5.63	ppb
Iron	57-2	15.13	8.55	11.18	11.62	28.51	ppb
Lead	206-1	0.22	0.23	0.18	0.21	12.73	ppb
Lead	207-1	0.19	0.17	0.19	0.18	7.09	ppb
Lead	208-1	0.20	0.20	0.21	0.21	2.18	ppb
Lithium	6-1						%
Magnesium	24-2	26.26	25.35	31.84	27.82	12.64	ppb
Manganese	55-2	0.44	0.75	0.70	0.63	25.97	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:04:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.24	0.23	0.23	4.59	ppb
Molybdenum	95-1	0.20	0.19	0.21	0.20	6.27	ppb
Molybdenum	96-1	0.23	0.21	0.22	0.22	4.16	ppb
Molybdenum	97-1	0.17	0.18	0.17	0.17	4.07	ppb
Molybdenum	98-1	0.20	0.20	0.20	0.20	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.26	0.28	0.22	34.07	ppb
Phosphorus	31-2	-1.11	-0.69	-18.79	-6.86		ppb
Potassium	39-2	39.74	24.32	36.24	33.44	24.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.99	0.00	4.07	2.69	86.62	ppb
Selenium	78-2	3.47	5.53	0.89	3.30	70.59	ppb
Selenium	82-1	1.64	2.48	1.78	1.97	22.79	ppb
Silicon	28-1	-13.30	-13.78	-13.36	-13.48		ppb
Silver	109-1	0.25	0.28	0.25	0.26	5.11	ppb
Silver	107-1	0.25	0.25	0.28	0.26	6.44	ppb
Sodium	23-2	45.25	47.81	51.82	48.29	6.87	ppb
Strontium	86-1	0.19	0.21	0.21	0.20	7.90	ppb
Strontium	88-1	0.27	0.26	0.25	0.26	3.80	ppb
Sulfur	34-1	-855.84	-640.47	-1059.15	-851.82		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.25	0.22	0.23	6.50	ppb
Thallium	205-1	0.23	0.22	0.24	0.23	2.82	ppb
Tin	118-1	0.14	0.12	0.14	0.13	8.38	ppb
Titanium	47-1	0.17	0.23	0.28	0.23	23.67	ppb
Uranium	238-1	0.18	0.17	0.17	0.17	4.19	ppb
Vanadium	51-2	0.25	0.19	0.27	0.24	17.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.60	0.67	0.63	0.63	5.03	ppb
Zirconium	90-1	0.27	0.26	0.26	0.26	1.48	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:04:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.23	0.26	0.25	8.26	ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : IDL-11 Instrumnet Name : P8
 Client Sample ID : IDL-11 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 15:07:28 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.86	0.86	12.49	6.07	97.38	ppb
Antimony	121-1	0.28	0.29	0.25	0.27	8.26	ppb
Arsenic	75-2	0.17	0.22	0.30	0.23	27.13	ppb
Barium	135-1	1.39	1.25	1.25	1.30	6.14	ppb
Barium	137-1	1.29	1.31	1.26	1.29	2.17	ppb
Beryllium	9-1	0.19	0.27	0.15	0.20	30.19	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.49	1.56	2.15	1.73	20.91	ppb
Boron	11-1	2.11	1.90	2.40	2.14	11.78	ppb
Cadmium	111-1	0.11	0.14	0.25	0.17	45.89	ppb
Cadmium	106-1	-1.53	-1.53	0.01	-1.02		ppb
Cadmium	108-1	0.35	0.28	0.22	0.28	23.25	ppb
Calcium	43-1	18.05	3.08	0.22	7.12	134.55	ppb
Calcium	44-1	24.65	25.36	24.16	24.72	2.43	ppb
Chromium	52-2	0.16	0.16	0.41	0.24	60.42	ppb
Cobalt	59-2	0.25	0.20	0.23	0.23	11.96	ppb
Copper	63-2	0.19	0.13	0.18	0.17	21.15	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.16	13.45	15.91	14.51	8.71	ppb
Iron	57-2	12.68	13.06	15.26	13.66	10.20	ppb
Lead	206-1	0.18	0.22	0.21	0.21	9.71	ppb
Lead	207-1	0.23	0.22	0.19	0.21	9.54	ppb
Lead	208-1	0.22	0.22	0.23	0.22	1.96	ppb
Lithium	6-1						%
Magnesium	24-2	33.89	30.54	36.97	33.80	9.51	ppb
Manganese	55-2	0.51	0.55	0.47	0.51	8.04	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:07:28	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.21	0.24	0.22	6.25	ppb
Molybdenum	95-1	0.26	0.23	0.21	0.23	10.07	ppb
Molybdenum	96-1	0.27	0.22	0.23	0.24	10.31	ppb
Molybdenum	97-1	0.20	0.26	0.20	0.22	16.18	ppb
Molybdenum	98-1	0.22	0.21	0.20	0.21	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.19	0.35	0.25	36.17	ppb
Phosphorus	31-2	-0.41	-18.79	-18.79	-12.66		ppb
Potassium	39-2	27.77	27.81	40.17	31.92	22.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	8.16	0.00	2.72	173.21	ppb
Selenium	78-2	1.52	0.89	2.43	1.61	47.95	ppb
Selenium	82-1	1.94	2.13	2.71	2.26	17.85	ppb
Silicon	28-1	-12.47	-13.06	-14.91	-13.48		ppb
Silver	109-1	0.26	0.28	0.28	0.27	3.93	ppb
Silver	107-1	0.29	0.29	0.27	0.28	2.83	ppb
Sodium	23-2	44.47	48.37	62.90	51.91	18.70	ppb
Strontium	86-1	0.26	0.24	0.21	0.23	10.55	ppb
Strontium	88-1	0.27	0.28	0.26	0.27	3.77	ppb
Sulfur	34-1	-582.47	-628.67	-756.52	-655.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.23	0.25	0.24	5.13	ppb
Thallium	205-1	0.24	0.26	0.22	0.24	9.67	ppb
Tin	118-1	0.12	0.15	0.14	0.14	8.34	ppb
Titanium	47-1	0.30	0.42	0.22	0.31	33.28	ppb
Uranium	238-1	0.19	0.18	0.17	0.18	3.24	ppb
Vanadium	51-2	0.17	0.30	0.22	0.23	28.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.61	0.55	0.52	0.56	8.78	ppb
Zirconium	90-1	0.26	0.25	0.26	0.26	3.34	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:07:28	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.23	0.23	0.23	1.08	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:10:37	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.13	12.57	2.21	6.97	75.05	ppb
Antimony	121-1	0.28	0.29	0.28	0.28	1.26	ppb
Arsenic	75-2	0.34	0.22	0.27	0.28	20.73	ppb
Barium	135-1	1.46	1.33	1.31	1.37	6.12	ppb
Barium	137-1	1.41	1.23	1.25	1.30	7.43	ppb
Beryllium	9-1	0.24	0.22	0.20	0.22	9.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.73	0.97	2.14	1.61	36.90	ppb
Boron	11-1	1.62	1.24	1.64	1.50	15.13	ppb
Cadmium	111-1	0.14	0.16	0.30	0.20	43.50	ppb
Cadmium	106-1	-0.88	-1.12	1.16	-0.28		ppb
Cadmium	108-1	0.34	0.27	0.27	0.30	14.16	ppb
Calcium	43-1	21.10	6.12	-2.93	8.10	149.88	ppb
Calcium	44-1	31.02	25.89	23.98	26.96	13.51	ppb
Chromium	52-2	0.07	0.15	0.24	0.15	57.29	ppb
Cobalt	59-2	0.17	0.22	0.27	0.22	21.88	ppb
Copper	63-2	0.22	0.17	0.19	0.19	12.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.75	14.25	13.74	13.91	2.08	ppb
Iron	57-2	14.67	17.64	11.61	14.64	20.58	ppb
Lead	206-1	0.26	0.21	0.22	0.23	11.73	ppb
Lead	207-1	0.20	0.21	0.20	0.20	2.99	ppb
Lead	208-1	0.24	0.20	0.21	0.22	9.04	ppb
Lithium	6-1						%
Magnesium	24-2	30.91	24.75	29.85	28.50	11.57	ppb
Manganese	55-2	0.27	0.47	0.43	0.39	27.91	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:10:37	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.24	0.22	0.24	5.57	ppb
Molybdenum	95-1	0.23	0.22	0.22	0.23	3.12	ppb
Molybdenum	96-1	0.25	0.22	0.23	0.23	5.73	ppb
Molybdenum	97-1	0.26	0.23	0.16	0.22	24.61	ppb
Molybdenum	98-1	0.25	0.22	0.23	0.23	7.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.11	0.16	0.16	33.46	ppb
Phosphorus	31-2	-18.79	-0.73	-0.39	-6.64		ppb
Potassium	39-2	23.22	26.65	31.58	27.15	15.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	8.11	4.10	4.07	99.61	ppb
Selenium	78-2	2.23	0.88	2.91	2.01	51.45	ppb
Selenium	82-1	2.73	1.99	2.16	2.29	16.93	ppb
Silicon	28-1	-6.76	-12.24	-14.66	-11.22		ppb
Silver	109-1	0.31	0.26	0.29	0.28	9.06	ppb
Silver	107-1	0.27	0.26	0.31	0.28	9.03	ppb
Sodium	23-2	56.66	47.49	47.73	50.63	10.31	ppb
Strontium	86-1	0.32	0.25	0.26	0.28	14.22	ppb
Strontium	88-1	0.28	0.28	0.29	0.28	1.89	ppb
Sulfur	34-1	-65.15	-811.23	-819.30	-565.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.26	0.24	0.24	0.24	5.45	ppb
Thallium	205-1	0.24	0.21	0.23	0.23	7.92	ppb
Tin	118-1	0.20	0.19	0.15	0.18	15.32	ppb
Titanium	47-1	0.41	0.32	0.23	0.32	27.83	ppb
Uranium	238-1	0.22	0.18	0.19	0.20	9.00	ppb
Vanadium	51-2	0.20	0.23	0.19	0.21	9.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.45	0.36	0.48	0.43	14.95	ppb
Zirconium	90-1	0.26	0.24	0.27	0.25	6.53	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:10:37	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.24	0.22	0.24	13.08	ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : IDL-13 Instrumnet Name : P8
 Client Sample ID : IDL-13 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 15:13:47 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.90	6.43	7.44	6.26	20.41	ppb
Antimony	121-1	0.25	0.26	0.25	0.25	2.72	ppb
Arsenic	75-2	0.23	0.19	0.26	0.22	15.29	ppb
Barium	135-1	1.09	1.04	1.23	1.12	8.90	ppb
Barium	137-1	1.16	1.17	1.14	1.16	1.37	ppb
Beryllium	9-1	0.18	0.15	0.25	0.19	24.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.60	0.61	1.40	1.20	43.59	ppb
Boron	11-1	1.39	1.42	1.56	1.46	6.02	ppb
Cadmium	111-1	0.19	0.11	0.15	0.15	26.28	ppb
Cadmium	106-1	-0.06	-1.38	-0.95	-0.80		ppb
Cadmium	108-1	0.19	0.38	0.22	0.26	38.98	ppb
Calcium	43-1	2.58	8.62	0.29	3.83	112.48	ppb
Calcium	44-1	22.46	23.99	20.52	22.32	7.78	ppb
Chromium	52-2	0.08	0.21	0.07	0.12	67.51	ppb
Cobalt	59-2	0.16	0.24	0.21	0.20	19.54	ppb
Copper	63-2	0.20	0.19	0.17	0.19	7.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.48	13.15	13.00	12.88	2.73	ppb
Iron	57-2	12.09	14.42	11.11	12.54	13.55	ppb
Lead	206-1	0.22	0.23	0.21	0.22	4.47	ppb
Lead	207-1	0.17	0.18	0.17	0.17	3.13	ppb
Lead	208-1	0.20	0.19	0.19	0.19	1.13	ppb
Lithium	6-1						%
Magnesium	24-2	32.00	34.41	31.95	32.78	4.29	ppb
Manganese	55-2	0.41	0.62	0.38	0.47	27.44	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:13:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.19	0.20	0.20	3.16	ppb
Molybdenum	95-1	0.23	0.19	0.18	0.20	12.19	ppb
Molybdenum	96-1	0.20	0.20	0.19	0.19	1.29	ppb
Molybdenum	97-1	0.21	0.17	0.19	0.19	11.47	ppb
Molybdenum	98-1	0.23	0.19	0.22	0.21	9.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.18	0.14	0.15	22.50	ppb
Phosphorus	31-2	-18.79	-18.79	-0.57	-12.71		ppb
Potassium	39-2	21.15	49.75	4.75	25.22	90.32	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.15	0.00	4.08	2.74	86.61	ppb
Selenium	78-2	1.60	4.47	2.89	2.98	48.19	ppb
Selenium	82-1	1.90	1.72	2.64	2.09	23.28	ppb
Silicon	28-1	-14.19	-11.34	-7.77	-11.10		ppb
Silver	109-1	0.25	0.29	0.25	0.26	7.91	ppb
Silver	107-1	0.26	0.25	0.25	0.26	2.71	ppb
Sodium	23-2	50.79	49.43	44.40	48.21	6.98	ppb
Strontium	86-1	0.27	0.18	0.27	0.24	21.96	ppb
Strontium	88-1	0.25	0.25	0.25	0.25	1.57	ppb
Sulfur	34-1	-973.97	-754.08	-1085.82	-937.96		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.20	0.22	0.21	5.47	ppb
Thallium	205-1	0.21	0.22	0.21	0.21	2.44	ppb
Tin	118-1	0.10	0.10	0.06	0.09	24.70	ppb
Titanium	47-1	0.33	0.18	0.30	0.27	29.61	ppb
Uranium	238-1	0.16	0.16	0.18	0.17	4.50	ppb
Vanadium	51-2	0.33	0.25	0.23	0.27	20.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.58	0.34	0.38	0.43	28.35	ppb
Zirconium	90-1	0.24	0.22	0.21	0.22	7.20	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:13:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.23	0.23	0.22	7.60	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:16:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.88	12.58	3.45	8.64	54.31	ppb
Antimony	121-1	0.29	0.28	0.27	0.28	3.24	ppb
Arsenic	75-2	0.24	0.16	0.26	0.22	22.98	ppb
Barium	135-1	1.34	1.47	1.30	1.37	6.35	ppb
Barium	137-1	1.32	1.40	1.26	1.33	5.35	ppb
Beryllium	9-1	0.22	0.29	0.22	0.24	17.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.69	1.21	1.67	1.19	41.40	ppb
Boron	11-1	1.22	1.16	1.11	1.16	4.70	ppb
Cadmium	111-1	0.19	0.26	0.23	0.23	14.96	ppb
Cadmium	106-1	-0.16	0.13	-0.52	-0.18		ppb
Cadmium	108-1	0.17	0.12	0.14	0.15	15.31	ppb
Calcium	43-1	13.53	18.69	10.70	14.31	28.35	ppb
Calcium	44-1	25.36	27.16	23.89	25.47	6.42	ppb
Chromium	52-2	0.05	0.15	0.11	0.10	45.99	ppb
Cobalt	59-2	0.22	0.24	0.21	0.22	5.01	ppb
Copper	63-2	0.16	0.19	0.18	0.18	9.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.91	13.70	13.47	13.69	1.59	ppb
Iron	57-2	14.67	10.98	14.07	13.24	14.94	ppb
Lead	206-1	0.24	0.20	0.24	0.23	8.85	ppb
Lead	207-1	0.20	0.23	0.20	0.21	9.21	ppb
Lead	208-1	0.21	0.24	0.22	0.22	6.12	ppb
Lithium	6-1						%
Magnesium	24-2	29.25	26.09	25.19	26.84	7.94	ppb
Manganese	55-2	0.50	0.69	0.56	0.58	16.65	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:16:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.26	0.26	0.26	0.95	ppb
Molybdenum	95-1	0.21	0.27	0.27	0.25	13.00	ppb
Molybdenum	96-1	0.23	0.22	0.21	0.22	5.68	ppb
Molybdenum	97-1	0.29	0.19	0.20	0.23	25.69	ppb
Molybdenum	98-1	0.21	0.28	0.20	0.23	20.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.18	0.16	0.18	8.80	ppb
Phosphorus	31-2	52.84	17.36	-0.79	23.14	117.90	ppb
Potassium	39-2	21.66	19.50	25.68	22.28	14.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.03	0.00	8.19	4.07	100.56	ppb
Selenium	78-2	1.53	2.91	2.23	2.23	30.97	ppb
Selenium	82-1	2.56	1.80	1.97	2.11	18.82	ppb
Silicon	28-1	-11.74	-9.03	-10.52	-10.43		ppb
Silver	109-1	0.27	0.29	0.28	0.28	3.72	ppb
Silver	107-1	0.27	0.27	0.25	0.26	3.89	ppb
Sodium	23-2	43.34	43.64	43.87	43.62	0.62	ppb
Strontium	86-1	0.21	0.26	0.22	0.23	10.44	ppb
Strontium	88-1	0.27	0.28	0.26	0.27	3.30	ppb
Sulfur	34-1	-683.65	-135.22	-797.37	-538.75		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.26	0.26	0.25	4.90	ppb
Thallium	205-1	0.24	0.26	0.23	0.24	5.68	ppb
Tin	118-1	0.14	0.17	0.13	0.15	13.89	ppb
Titanium	47-1	0.32	0.25	0.30	0.29	11.38	ppb
Uranium	238-1	0.17	0.20	0.16	0.18	12.29	ppb
Vanadium	51-2	0.27	0.32	0.27	0.28	9.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.42	0.42	0.57	0.47	18.79	ppb
Zirconium	90-1	0.24	0.29	0.26	0.26	8.50	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:16:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.26	0.27	0.25	6.72	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:20:06	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51779.58	51513.56	50305.74	51199.63	1.53	ppb
Antimony	121-1	500.77	517.23	510.03	509.34	1.62	ppb
Arsenic	75-2	497.41	487.03	487.71	490.71	1.18	ppb
Barium	135-1	2517.64	2613.94	2577.58	2569.72	1.89	ppb
Barium	137-1	2501.44	2582.37	2550.46	2544.75	1.60	ppb
Beryllium	9-1	523.32	525.03	520.10	522.81	0.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	506.27	522.22	514.20	514.23	1.55	ppb
Boron	11-1	512.46	521.56	526.04	520.02	1.33	ppb
Cadmium	111-1	478.80	494.79	485.21	486.26	1.65	ppb
Cadmium	106-1	486.11	499.65	495.31	493.69	1.40	ppb
Cadmium	108-1	486.78	499.81	492.85	493.15	1.32	ppb
Calcium	43-1	242790.41	246321.81	249761.64	246291.29	1.42	ppb
Calcium	44-1	240897.34	247794.39	246546.96	245079.57	1.50	ppb
Chromium	52-2	513.02	510.02	507.41	510.15	0.55	ppb
Cobalt	59-2	495.56	492.07	487.08	491.57	0.87	ppb
Copper	63-2	988.54	984.25	997.17	989.99	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124675.04	124982.45	122973.10	124210.20	0.87	ppb
Iron	57-2	126133.36	125710.40	124757.19	125533.65	0.56	ppb
Lead	206-1	519.61	528.79	519.25	522.55	1.03	ppb
Lead	207-1	520.30	526.60	516.36	521.09	0.99	ppb
Lead	208-1	518.26	526.54	515.04	519.95	1.14	ppb
Lithium	6-1						%
Magnesium	24-2	251425.22	252935.35	250264.79	251541.78	0.53	ppb
Manganese	55-2	1023.56	1030.43	1010.91	1021.63	0.97	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:20:06	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	508.82	522.36	517.47	516.22	1.33	ppb
Molybdenum	95-1	509.50	522.17	517.69	516.45	1.24	ppb
Molybdenum	96-1	509.19	525.01	512.97	515.73	1.60	ppb
Molybdenum	97-1	491.44	507.29	499.76	499.50	1.59	ppb
Molybdenum	98-1	502.35	521.73	520.74	514.94	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.79	498.49	493.66	496.98	0.58	ppb
Phosphorus	31-2	10452.81	10107.59	10226.27	10262.22	1.71	ppb
Potassium	39-2	131727.53	129614.09	128126.31	129822.64	1.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	563.29	446.77	519.83	509.96	11.55	ppb
Selenium	78-2	497.14	492.41	446.69	478.75	5.82	ppb
Selenium	82-1	493.50	503.26	497.44	498.07	0.99	ppb
Silicon	28-1	538.80	580.94	569.82	563.18	3.88	ppb
Silver	109-1	489.25	502.29	502.44	497.99	1.52	ppb
Silver	107-1	490.96	509.96	501.11	500.67	1.90	ppb
Sodium	23-2	251511.92	250150.94	245624.01	249095.62	1.24	ppb
Strontium	86-1	506.22	528.38	516.15	516.92	2.15	ppb
Strontium	88-1	512.86	529.88	524.83	522.52	1.67	ppb
Sulfur	34-1	9653.91	10143.50	9919.49	9905.63	2.47	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.97	533.90	520.31	524.39	1.57	ppb
Thallium	205-1	511.76	531.02	509.57	517.45	2.28	ppb
Tin	118-1	506.56	526.83	516.32	516.57	1.96	ppb
Titanium	47-1	498.04	514.31	505.66	506.01	1.61	ppb
Uranium	238-1	514.62	534.18	516.41	521.73	2.07	ppb
Vanadium	51-2	514.25	516.36	504.83	511.81	1.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1003.29	997.01	980.81	993.70	1.17	ppb
Zirconium	90-1	503.28	519.54	507.32	510.05	1.66	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:20:06	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.55	517.81	504.56	509.97	1.36	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:27:18	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.21	0.92	5.02	2.72	77.11	ppb
Antimony	121-1	0.09	0.10	0.08	0.09	11.64	ppb
Arsenic	75-2	-0.05	0.00	-0.03	-0.03		ppb
Barium	135-1	-0.07	-0.07	-0.05	-0.06		ppb
Barium	137-1	-0.07	-0.06	-0.05	-0.06		ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	106.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3.31	3.74	3.83	3.63	7.59	ppb
Boron	11-1	3.38	3.49	3.80	3.55	6.12	ppb
Cadmium	111-1	-0.08	-0.14	-0.09	-0.10		ppb
Cadmium	106-1	-0.62	-1.48	-0.82	-0.97		ppb
Cadmium	108-1	-0.02	0.03	0.06	0.02	193.18	ppb
Calcium	43-1	-17.97	-26.14	-20.63	-21.58		ppb
Calcium	44-1	-2.29	-4.16	-4.02	-3.49		ppb
Chromium	52-2	-0.11	-0.02	-0.05	-0.06		ppb
Cobalt	59-2	-0.04	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.32	-0.36	-0.35	-0.35		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.41	0.60	0.71	0.57	26.48	ppb
Iron	57-2	-0.89	-1.54	-0.06	-0.83		ppb
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.03	-0.01	-0.02		ppb
Lead	208-1	-0.02	-0.01	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	1.48	1.59	3.27	2.11	47.49	ppb
Manganese	55-2	-0.02	-0.03	0.04	-0.01		ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:27:18	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	90.56	ppb
Molybdenum	95-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.02	-0.04	-0.02		ppb
Molybdenum	98-1	-0.03	-0.04	-0.03	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.12	-0.10	-0.11		ppb
Phosphorus	31-2	-0.39	-18.79	-18.79	-12.65		ppb
Potassium	39-2	-0.30	25.48	36.71	20.63	91.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	1.66	-0.44	0.48	223.15	ppb
Selenium	82-1	-0.35	-0.53	0.23	-0.22		ppb
Silicon	28-1	-16.62	-16.39	-16.21	-16.41		ppb
Silver	109-1	0.02	0.01	0.02	0.02	9.96	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.21	ppb
Sodium	23-2	45.43	41.37	40.36	42.39	6.34	ppb
Strontium	86-1	0.02	-0.03	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1380.94	-1406.52	-1357.63	-1381.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.00	203.46	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	284.38	ppb
Tin	118-1	-0.08	-0.10	-0.11	-0.10		ppb
Titanium	47-1	0.03	0.04	0.11	0.06	77.94	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.02	-0.01	-0.02	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.06	-0.03	-0.07	-0.05		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.29	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:27:18	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.00	0.01	117.04	ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : IDL-15 Instrumnet Name : P8
 Client Sample ID : IDL-15 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 15:30:28 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.86	11.25	8.55	9.89	13.62	ppb
Antimony	121-1	0.31	0.31	0.32	0.32	1.73	ppb
Arsenic	75-2	0.36	0.25	0.13	0.25	47.68	ppb
Barium	135-1	1.12	1.30	1.26	1.22	7.64	ppb
Barium	137-1	1.22	1.23	1.20	1.22	1.07	ppb
Beryllium	9-1	0.24	0.25	0.23	0.24	4.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.81	3.35	3.04	3.06	8.86	ppb
Boron	11-1	3.19	2.72	2.95	2.95	8.09	ppb
Cadmium	111-1	0.12	0.15	0.17	0.15	17.98	ppb
Cadmium	106-1	-0.95	-1.41	-0.47	-0.94		ppb
Cadmium	108-1	0.37	0.26	0.27	0.30	20.51	ppb
Calcium	43-1	-9.67	10.16	27.18	9.22	200.03	ppb
Calcium	44-1	20.50	28.64	23.98	24.37	16.76	ppb
Chromium	52-2	0.17	0.06	0.19	0.14	51.03	ppb
Cobalt	59-2	0.24	0.19	0.22	0.22	12.79	ppb
Copper	63-2	0.13	0.15	0.17	0.15	10.89	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.42	13.05	13.96	13.48	3.38	ppb
Iron	57-2	12.54	11.64	13.55	12.58	7.60	ppb
Lead	206-1	0.20	0.23	0.23	0.22	7.00	ppb
Lead	207-1	0.22	0.21	0.23	0.22	3.32	ppb
Lead	208-1	0.22	0.23	0.22	0.22	1.39	ppb
Lithium	6-1						%
Magnesium	24-2	25.76	28.66	28.85	27.76	6.25	ppb
Manganese	55-2	0.48	0.40	0.59	0.49	19.28	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:30:28	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.21	0.23	0.21	6.28	ppb
Molybdenum	95-1	0.18	0.23	0.22	0.21	12.37	ppb
Molybdenum	96-1	0.20	0.25	0.24	0.23	10.55	ppb
Molybdenum	97-1	0.22	0.15	0.19	0.19	17.62	ppb
Molybdenum	98-1	0.18	0.22	0.21	0.21	10.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.13	0.17	0.16	15.47	ppb
Phosphorus	31-2	-18.79	17.26	-0.96	-0.83		ppb
Potassium	39-2	39.68	31.76	29.96	33.80	15.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.87	1.55	1.54	1.32	29.36	ppb
Selenium	82-1	2.11	1.84	2.45	2.13	14.35	ppb
Silicon	28-1	-16.59	-11.57	-12.29	-13.48		ppb
Silver	109-1	0.25	0.27	0.27	0.26	5.38	ppb
Silver	107-1	0.25	0.30	0.27	0.27	8.00	ppb
Sodium	23-2	56.15	60.34	57.17	57.88	3.77	ppb
Strontium	86-1	0.23	0.20	0.23	0.22	8.43	ppb
Strontium	88-1	0.27	0.29	0.24	0.27	9.75	ppb
Sulfur	34-1	-1335.31	-930.12	-1224.56	-1163.33		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.26	0.24	0.25	3.10	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	0.89	ppb
Tin	118-1	0.16	0.21	0.17	0.18	14.46	ppb
Titanium	47-1	0.32	0.35	0.25	0.31	16.87	ppb
Uranium	238-1	0.17	0.20	0.19	0.19	6.25	ppb
Vanadium	51-2	0.20	0.24	0.18	0.20	16.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.61	0.51	0.41	0.51	19.17	ppb
Zirconium	90-1	0.25	0.25	0.26	0.25	2.34	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:30:28	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.24	0.25	0.25	3.92	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:33:38	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.02	6.08	7.50	6.53	12.77	ppb
Antimony	121-1	0.27	0.30	0.26	0.28	7.31	ppb
Arsenic	75-2	0.24	0.19	0.19	0.21	11.95	ppb
Barium	135-1	1.32	1.28	1.13	1.24	7.77	ppb
Barium	137-1	1.19	1.17	1.02	1.13	7.98	ppb
Beryllium	9-1	0.22	0.25	0.22	0.23	7.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.66	2.54	2.85	2.68	5.86	ppb
Boron	11-1	2.41	2.69	1.99	2.36	15.08	ppb
Cadmium	111-1	0.11	0.15	0.14	0.13	14.72	ppb
Cadmium	106-1	-0.97	-0.68	-0.83	-0.83		ppb
Cadmium	108-1	0.34	0.17	0.29	0.27	33.67	ppb
Calcium	43-1	6.87	13.36	9.04	9.76	33.84	ppb
Calcium	44-1	22.31	30.86	21.45	24.87	20.92	ppb
Chromium	52-2	0.06	0.19	0.16	0.14	52.17	ppb
Cobalt	59-2	0.20	0.18	0.20	0.20	5.55	ppb
Copper	63-2	0.14	0.23	0.19	0.19	24.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12.87	13.00	14.24	13.37	5.67	ppb
Iron	57-2	14.35	10.66	11.58	12.20	15.76	ppb
Lead	206-1	0.22	0.22	0.22	0.22	1.33	ppb
Lead	207-1	0.21	0.22	0.20	0.21	5.77	ppb
Lead	208-1	0.21	0.22	0.22	0.22	2.43	ppb
Lithium	6-1						%
Magnesium	24-2	25.08	25.61	28.16	26.29	6.27	ppb
Manganese	55-2	0.56	0.47	0.57	0.53	10.22	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:33:38	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.23	0.23	0.23	3.04	ppb
Molybdenum	95-1	0.19	0.23	0.22	0.21	10.06	ppb
Molybdenum	96-1	0.18	0.21	0.19	0.19	7.73	ppb
Molybdenum	97-1	0.19	0.22	0.21	0.20	7.13	ppb
Molybdenum	98-1	0.19	0.23	0.23	0.21	11.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.20	0.15	0.16	26.46	ppb
Phosphorus	31-2	-18.79	35.53	-0.44	5.44	508.32	ppb
Potassium	39-2	8.37	13.87	24.27	15.51	52.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.87	2.23	1.57	1.56	43.51	ppb
Selenium	82-1	1.62	1.09	2.01	1.58	29.22	ppb
Silicon	28-1	-15.16	-8.30	-13.87	-12.44		ppb
Silver	109-1	0.24	0.25	0.27	0.26	5.18	ppb
Silver	107-1	0.27	0.27	0.25	0.26	5.14	ppb
Sodium	23-2	51.87	52.29	54.72	52.96	2.91	ppb
Strontium	86-1	0.16	0.20	0.26	0.21	24.42	ppb
Strontium	88-1	0.26	0.26	0.24	0.25	4.45	ppb
Sulfur	34-1	-1215.22	-716.64	-1138.21	-1023.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.22	0.24	0.25	0.24	6.10	ppb
Thallium	205-1	0.22	0.25	0.23	0.23	5.88	ppb
Tin	118-1	0.08	0.17	0.14	0.13	38.00	ppb
Titanium	47-1	0.28	0.20	0.27	0.25	17.11	ppb
Uranium	238-1	0.17	0.19	0.18	0.18	7.47	ppb
Vanadium	51-2	0.23	0.26	0.23	0.24	8.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.55	0.80	0.50	0.62	25.91	ppb
Zirconium	90-1	0.24	0.29	0.25	0.26	11.48	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:33:38	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.24	0.28	0.27	8.08	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:36:47	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.10	8.97	9.96	8.34	24.00	ppb
Antimony	121-1	0.29	0.27	0.28	0.28	4.39	ppb
Arsenic	75-2	0.19	0.13	0.21	0.18	22.34	ppb
Barium	135-1	1.22	1.30	1.21	1.24	4.27	ppb
Barium	137-1	1.13	1.28	1.30	1.24	7.60	ppb
Beryllium	9-1	0.36	0.18	0.25	0.26	33.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.37	1.85	1.14	1.46	24.95	ppb
Boron	11-1	1.63	2.47	2.35	2.15	21.09	ppb
Cadmium	111-1	0.19	0.21	0.08	0.16	42.36	ppb
Cadmium	106-1	-0.42	-0.34	-1.79	-0.85		ppb
Cadmium	108-1	0.47	0.22	0.50	0.40	38.53	ppb
Calcium	43-1	19.98	23.88	22.40	22.08	8.91	ppb
Calcium	44-1	34.73	37.68	39.57	37.33	6.54	ppb
Chromium	52-2	0.12	0.13	0.20	0.15	29.33	ppb
Cobalt	59-2	0.21	0.24	0.22	0.22	5.04	ppb
Copper	63-2	0.21	0.23	0.22	0.22	4.42	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.06	13.85	14.30	14.07	1.61	ppb
Iron	57-2	14.94	18.71	14.46	16.04	14.51	ppb
Lead	206-1	0.23	0.20	0.25	0.23	9.90	ppb
Lead	207-1	0.19	0.20	0.20	0.20	1.09	ppb
Lead	208-1	0.22	0.22	0.22	0.22	1.57	ppb
Lithium	6-1						%
Magnesium	24-2	30.50	35.50	27.10	31.04	13.61	ppb
Manganese	55-2	0.42	0.59	0.52	0.51	16.29	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:36:47	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.25	0.26	0.25	6.63	ppb
Molybdenum	95-1	0.22	0.21	0.21	0.21	3.42	ppb
Molybdenum	96-1	0.26	0.22	0.23	0.24	8.05	ppb
Molybdenum	97-1	0.18	0.23	0.22	0.21	13.48	ppb
Molybdenum	98-1	0.21	0.20	0.24	0.22	10.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.14	0.15	0.17	26.47	ppb
Phosphorus	31-2	17.54	-0.15	17.30	11.57	87.70	ppb
Potassium	39-2	41.73	36.20	37.37	38.44	7.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.09	8.38	0.00	4.15	100.85	ppb
Selenium	78-2	3.56	4.34	1.56	3.16	45.54	ppb
Selenium	82-1	2.49	2.17	1.95	2.20	12.51	ppb
Silicon	28-1	-12.68	-12.94	-9.75	-11.79		ppb
Silver	109-1	0.28	0.27	0.26	0.27	4.46	ppb
Silver	107-1	0.28	0.28	0.28	0.28	0.68	ppb
Sodium	23-2	49.82	63.01	52.40	55.08	12.68	ppb
Strontium	86-1	0.26	0.28	0.26	0.27	4.91	ppb
Strontium	88-1	0.28	0.27	0.26	0.27	2.28	ppb
Sulfur	34-1	-847.25	-959.72	-827.04	-878.00		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.29	0.24	0.22	0.25	14.36	ppb
Thallium	205-1	0.24	0.27	0.26	0.26	5.35	ppb
Tin	118-1	0.13	0.11	0.15	0.13	12.84	ppb
Titanium	47-1	0.33	0.26	0.24	0.27	17.27	ppb
Uranium	238-1	0.19	0.20	0.19	0.19	4.64	ppb
Vanadium	51-2	0.27	0.27	0.19	0.24	17.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.56	0.44	0.73	0.58	24.77	ppb
Zirconium	90-1	0.24	0.26	0.25	0.25	4.59	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:36:47	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.26	0.20	0.24	13.23	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:39:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.31	3.48	2.12	4.30	62.59	ppb
Antimony	121-1	0.29	0.29	0.26	0.28	6.53	ppb
Arsenic	75-2	0.16	0.27	0.31	0.25	32.79	ppb
Barium	135-1	1.28	1.25	1.25	1.26	1.72	ppb
Barium	137-1	1.32	1.21	1.23	1.25	4.50	ppb
Beryllium	9-1	0.15	0.21	0.29	0.22	33.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.10	1.30	1.24	1.54	31.21	ppb
Boron	11-1	1.87	1.56	1.71	1.71	8.94	ppb
Cadmium	111-1	0.19	0.15	0.16	0.16	13.63	ppb
Cadmium	106-1	-0.51	-0.75	-0.85	-0.70		ppb
Cadmium	108-1	0.29	0.22	0.25	0.25	14.22	ppb
Calcium	43-1	8.43	9.94	10.88	9.75	12.69	ppb
Calcium	44-1	30.34	23.08	22.86	25.43	16.74	ppb
Chromium	52-2	0.24	0.13	-0.01	0.12	104.46	ppb
Cobalt	59-2	0.23	0.21	0.22	0.22	4.95	ppb
Copper	63-2	0.19	0.17	0.11	0.16	25.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.86	13.67	13.24	13.59	2.37	ppb
Iron	57-2	9.48	14.22	12.09	11.93	19.93	ppb
Lead	206-1	0.24	0.19	0.23	0.22	11.78	ppb
Lead	207-1	0.21	0.20	0.22	0.21	6.22	ppb
Lead	208-1	0.23	0.21	0.22	0.22	5.64	ppb
Lithium	6-1						%
Magnesium	24-2	28.77	31.28	26.61	28.89	8.09	ppb
Manganese	55-2	0.58	0.51	0.54	0.54	6.53	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:39:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.20	0.22	0.24	18.92	ppb
Molybdenum	95-1	0.25	0.19	0.21	0.22	13.47	ppb
Molybdenum	96-1	0.23	0.21	0.20	0.22	5.84	ppb
Molybdenum	97-1	0.24	0.23	0.23	0.23	1.97	ppb
Molybdenum	98-1	0.22	0.21	0.20	0.21	3.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.23	0.20	0.17	43.81	ppb
Phosphorus	31-2	-18.79	-0.65	-1.05	-6.83		ppb
Potassium	39-2	37.24	30.65	26.02	31.31	18.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.04	4.02	0.00	5.35	114.51	ppb
Selenium	78-2	1.53	3.50	0.21	1.75	94.70	ppb
Selenium	82-1	1.97	1.68	1.87	1.84	8.06	ppb
Silicon	28-1	-10.21	-10.25	-13.82	-11.43		ppb
Silver	109-1	0.27	0.29	0.27	0.27	3.69	ppb
Silver	107-1	0.27	0.27	0.25	0.26	4.10	ppb
Sodium	23-2	55.77	52.17	47.21	51.71	8.31	ppb
Strontium	86-1	0.34	0.20	0.26	0.27	26.49	ppb
Strontium	88-1	0.28	0.29	0.26	0.27	5.89	ppb
Sulfur	34-1	-531.89	-977.73	-1035.76	-848.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.27	0.24	0.22	0.24	9.05	ppb
Thallium	205-1	0.26	0.22	0.23	0.24	8.67	ppb
Tin	118-1	0.13	0.13	0.12	0.13	4.91	ppb
Titanium	47-1	0.20	0.25	0.30	0.25	19.22	ppb
Uranium	238-1	0.19	0.17	0.18	0.18	6.38	ppb
Vanadium	51-2	0.27	0.26	0.21	0.25	13.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.46	0.40	0.45	0.44	7.13	ppb
Zirconium	90-1	0.24	0.25	0.26	0.25	3.82	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:39:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.19	0.24	0.23	15.40	ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : IDL-19 Instrumnet Name : P8
 Client Sample ID : IDL-19 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 15:43:06 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.11	11.54	6.08	7.91	39.74	ppb
Antimony	121-1	0.27	0.29	0.27	0.28	4.28	ppb
Arsenic	75-2	0.20	0.20	0.19	0.20	4.35	ppb
Barium	135-1	1.21	1.20	1.36	1.26	7.00	ppb
Barium	137-1	1.27	1.23	1.30	1.27	3.07	ppb
Beryllium	9-1	0.22	0.27	0.25	0.25	10.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.67	0.49	1.17	1.11	53.14	ppb
Boron	11-1	1.50	1.56	1.79	1.62	9.35	ppb
Cadmium	111-1	0.19	0.12	0.12	0.14	29.55	ppb
Cadmium	106-1	-0.26	-0.91	-0.79	-0.65		ppb
Cadmium	108-1	0.30	0.25	0.41	0.32	26.05	ppb
Calcium	43-1	2.69	-7.87	1.94	-1.08		ppb
Calcium	44-1	18.58	22.49	23.03	21.37	11.35	ppb
Chromium	52-2	0.19	0.15	0.19	0.18	11.67	ppb
Cobalt	59-2	0.22	0.21	0.21	0.21	3.23	ppb
Copper	63-2	0.22	0.24	0.19	0.22	11.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.65	14.08	13.26	13.66	3.03	ppb
Iron	57-2	8.25	8.45	13.47	10.05	29.43	ppb
Lead	206-1	0.24	0.22	0.20	0.22	8.62	ppb
Lead	207-1	0.22	0.19	0.20	0.20	9.52	ppb
Lead	208-1	0.23	0.21	0.21	0.21	4.92	ppb
Lithium	6-1						%
Magnesium	24-2	32.66	26.72	30.92	30.10	10.14	ppb
Manganese	55-2	0.54	0.51	0.31	0.45	27.01	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-19	Instrumnet Name :	P8
Client Sample ID :	IDL-19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:43:06	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.24	0.19	0.22	12.93	ppb
Molybdenum	95-1	0.20	0.19	0.20	0.20	4.45	ppb
Molybdenum	96-1	0.21	0.20	0.22	0.21	4.53	ppb
Molybdenum	97-1	0.19	0.21	0.19	0.20	5.52	ppb
Molybdenum	98-1	0.22	0.22	0.23	0.22	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.17	0.18	0.15	24.12	ppb
Phosphorus	31-2	-0.62	-0.32	-0.70	-0.55		ppb
Potassium	39-2	50.09	23.41	30.19	34.56	40.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.01	0.00	0.00	2.67	173.21	ppb
Selenium	78-2	4.79	4.14	4.15	4.36	8.45	ppb
Selenium	82-1	2.13	1.57	2.00	1.90	15.68	ppb
Silicon	28-1	-14.89	-16.90	-14.19	-15.32		ppb
Silver	109-1	0.27	0.26	0.25	0.26	4.75	ppb
Silver	107-1	0.25	0.26	0.26	0.25	3.61	ppb
Sodium	23-2	58.64	51.84	46.26	52.24	11.87	ppb
Strontium	86-1	0.21	0.26	0.33	0.27	24.02	ppb
Strontium	88-1	0.28	0.25	0.27	0.27	5.53	ppb
Sulfur	34-1	-1172.21	-949.30	-1047.44	-1056.32		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.25	0.22	0.23	9.44	ppb
Thallium	205-1	0.23	0.22	0.22	0.22	3.31	ppb
Tin	118-1	0.09	0.11	0.13	0.11	18.11	ppb
Titanium	47-1	0.31	0.35	0.29	0.32	9.09	ppb
Uranium	238-1	0.19	0.16	0.18	0.18	8.18	ppb
Vanadium	51-2	0.22	0.25	0.19	0.22	12.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.80	0.44	0.53	0.59	31.89	ppb
Zirconium	90-1	0.24	0.22	0.24	0.23	6.78	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-19	Instrumnet Name :	P8
Client Sample ID :	IDL-19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:43:06	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.23	0.20	0.22	10.72	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:46:16	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.56	8.72	3.45	6.24	42.38	ppb
Antimony	121-1	0.28	0.30	0.26	0.28	6.56	ppb
Arsenic	75-2	0.30	0.22	0.23	0.25	17.18	ppb
Barium	135-1	1.17	1.20	1.29	1.22	5.03	ppb
Barium	137-1	1.29	1.26	1.26	1.27	1.36	ppb
Beryllium	9-1	0.26	0.19	0.20	0.22	16.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1.46	0.94	1.34	1.25	21.76	ppb
Boron	11-1	1.30	1.08	1.38	1.25	12.50	ppb
Cadmium	111-1	0.13	0.16	0.21	0.17	24.38	ppb
Cadmium	106-1	-1.35	-1.19	-0.24	-0.93		ppb
Cadmium	108-1	0.17	0.36	0.28	0.27	36.17	ppb
Calcium	43-1	15.16	6.82	19.13	13.71	45.83	ppb
Calcium	44-1	21.04	23.41	23.48	22.64	6.14	ppb
Chromium	52-2	0.26	0.03	0.17	0.15	75.11	ppb
Cobalt	59-2	0.31	0.27	0.23	0.27	15.10	ppb
Copper	63-2	0.31	0.17	0.16	0.21	38.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	15.97	14.21	14.18	14.78	6.95	ppb
Iron	57-2	16.26	14.58	16.19	15.68	6.06	ppb
Lead	206-1	0.26	0.22	0.24	0.24	8.60	ppb
Lead	207-1	0.25	0.22	0.21	0.22	9.58	ppb
Lead	208-1	0.23	0.22	0.22	0.23	2.47	ppb
Lithium	6-1						%
Magnesium	24-2	29.09	28.62	26.54	28.08	4.84	ppb
Manganese	55-2	0.58	0.67	0.52	0.59	12.87	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:46:16	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.24	0.24	0.23	5.52	ppb
Molybdenum	95-1	0.24	0.23	0.33	0.27	20.57	ppb
Molybdenum	96-1	0.24	0.21	0.22	0.22	7.00	ppb
Molybdenum	97-1	0.23	0.22	0.17	0.21	14.67	ppb
Molybdenum	98-1	0.21	0.21	0.23	0.22	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.18	0.17	0.17	8.71	ppb
Phosphorus	31-2	-18.79	-18.79	-18.79	-18.79		ppb
Potassium	39-2	43.84	34.82	28.10	35.59	22.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	8.14	0.00	2.71	173.21	ppb
Selenium	78-2	3.05	0.22	4.79	2.69	85.78	ppb
Selenium	82-1	1.97	1.61	1.87	1.81	10.22	ppb
Silicon	28-1	-14.43	-13.69	-13.46	-13.86		ppb
Silver	109-1	0.26	0.30	0.29	0.28	7.50	ppb
Silver	107-1	0.27	0.27	0.29	0.28	3.65	ppb
Sodium	23-2	56.58	40.94	48.50	48.67	16.06	ppb
Strontium	86-1	0.23	0.21	0.21	0.22	6.85	ppb
Strontium	88-1	0.25	0.28	0.26	0.26	5.28	ppb
Sulfur	34-1	-1058.41	-925.69	-963.16	-982.42		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.28	0.25	0.25	0.26	6.64	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	1.38	ppb
Tin	118-1	0.12	0.12	0.15	0.13	12.59	ppb
Titanium	47-1	0.32	0.28	0.44	0.35	23.75	ppb
Uranium	238-1	0.19	0.19	0.19	0.19	1.20	ppb
Vanadium	51-2	0.27	0.25	0.18	0.24	21.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.66	0.47	0.75	0.63	22.72	ppb
Zirconium	90-1	0.24	0.25	0.22	0.24	5.65	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:46:16	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.24	0.23	0.23	3.77	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:49:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.41	3.42	5.98	4.27	34.70	ppb
Antimony	121-1	0.27	0.26	0.27	0.27	2.78	ppb
Arsenic	75-2	0.27	0.35	0.30	0.31	13.34	ppb
Barium	135-1	1.12	1.12	1.15	1.13	1.44	ppb
Barium	137-1	1.22	1.30	1.16	1.22	5.88	ppb
Beryllium	9-1	0.23	0.26	0.32	0.27	17.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	0.96	1.16	0.49	0.87	39.30	ppb
Boron	11-1	1.06	0.94	1.15	1.05	9.62	ppb
Cadmium	111-1	0.17	0.17	0.16	0.17	3.00	ppb
Cadmium	106-1	-0.63	-0.53	-0.94	-0.70		ppb
Cadmium	108-1	0.28	0.11	0.25	0.21	40.94	ppb
Calcium	43-1	3.93	17.27	11.32	10.84	61.66	ppb
Calcium	44-1	19.88	25.93	21.17	22.33	14.26	ppb
Chromium	52-2	0.26	0.14	0.23	0.21	28.21	ppb
Cobalt	59-2	0.27	0.19	0.20	0.22	19.30	ppb
Copper	63-2	0.22	0.18	0.14	0.18	19.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.03	13.13	12.41	13.19	6.14	ppb
Iron	57-2	14.91	12.87	10.08	12.62	19.24	ppb
Lead	206-1	0.18	0.23	0.17	0.19	15.82	ppb
Lead	207-1	0.16	0.17	0.19	0.18	9.43	ppb
Lead	208-1	0.19	0.20	0.20	0.20	1.15	ppb
Lithium	6-1						%
Magnesium	24-2	24.36	24.68	25.42	24.82	2.19	ppb
Manganese	55-2	0.52	0.46	0.68	0.56	20.18	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:49:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.22	0.22	0.23	3.48	ppb
Molybdenum	95-1	0.19	0.22	0.22	0.21	7.99	ppb
Molybdenum	96-1	0.23	0.21	0.23	0.22	4.19	ppb
Molybdenum	97-1	0.21	0.23	0.24	0.22	7.20	ppb
Molybdenum	98-1	0.18	0.21	0.18	0.19	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.12	0.11	0.13	19.74	ppb
Phosphorus	31-2	-18.79	16.91	-18.79	-6.89		ppb
Potassium	39-2	3.78	26.51	33.39	21.23	73.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	4.02	1.34	173.21	ppb
Selenium	78-2	1.53	0.22	0.22	0.66	115.84	ppb
Selenium	82-1	2.71	1.21	2.04	1.99	37.75	ppb
Silicon	28-1	-13.11	-12.81	-11.59	-12.50		ppb
Silver	109-1	0.28	0.26	0.29	0.28	5.12	ppb
Silver	107-1	0.27	0.27	0.28	0.27	3.02	ppb
Sodium	23-2	45.15	44.04	46.36	45.18	2.58	ppb
Strontium	86-1	0.27	0.21	0.22	0.23	15.31	ppb
Strontium	88-1	0.27	0.26	0.26	0.26	3.61	ppb
Sulfur	34-1	-1071.90	-877.97	-971.48	-973.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.25	0.23	0.23	0.24	4.98	ppb
Thallium	205-1	0.23	0.23	0.26	0.24	6.93	ppb
Tin	118-1	0.12	0.16	0.11	0.13	23.16	ppb
Titanium	47-1	0.34	0.30	0.27	0.30	10.30	ppb
Uranium	238-1	0.19	0.17	0.18	0.18	4.80	ppb
Vanadium	51-2	0.19	0.19	0.26	0.21	19.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.61	0.42	0.46	0.49	20.56	ppb
Zirconium	90-1	0.24	0.25	0.25	0.25	2.36	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:49:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.28	0.29	0.26	13.66	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:52:36	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49616.55	50737.53	50303.50	50219.19	1.13	ppb
Antimony	121-1	507.15	515.20	509.55	510.63	0.81	ppb
Arsenic	75-2	491.13	486.92	482.73	486.93	0.86	ppb
Barium	135-1	2561.73	2572.97	2547.76	2560.82	0.49	ppb
Barium	137-1	2518.74	2544.41	2512.49	2525.22	0.67	ppb
Beryllium	9-1	518.96	524.34	521.17	521.49	0.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	509.17	518.54	522.88	516.86	1.36	ppb
Boron	11-1	511.46	518.81	528.67	519.65	1.66	ppb
Cadmium	111-1	483.30	492.61	485.53	487.15	1.00	ppb
Cadmium	106-1	493.20	502.86	497.88	497.98	0.97	ppb
Cadmium	108-1	495.82	508.61	490.79	498.41	1.84	ppb
Calcium	43-1	245765.55	245002.03	245913.93	245560.50	0.20	ppb
Calcium	44-1	244337.95	245729.90	246200.87	245422.91	0.39	ppb
Chromium	52-2	494.59	503.08	499.37	499.02	0.85	ppb
Cobalt	59-2	475.66	484.31	482.63	480.87	0.95	ppb
Copper	63-2	962.34	980.82	968.58	970.58	0.97	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121700.95	123334.37	121917.39	122317.57	0.73	ppb
Iron	57-2	120841.78	124108.66	124198.05	123049.50	1.55	ppb
Lead	206-1	510.30	517.90	518.29	515.50	0.87	ppb
Lead	207-1	508.03	524.71	518.34	517.03	1.63	ppb
Lead	208-1	510.05	519.27	518.91	516.08	1.01	ppb
Lithium	6-1						%
Magnesium	24-2	246842.35	249032.89	246889.57	247588.27	0.51	ppb
Manganese	55-2	993.76	1021.02	999.80	1004.86	1.42	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:52:36	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.55	508.15	513.93	508.88	0.93	ppb
Molybdenum	95-1	508.62	514.31	511.61	511.52	0.56	ppb
Molybdenum	96-1	506.28	515.18	516.27	512.57	1.07	ppb
Molybdenum	97-1	493.91	500.76	496.18	496.95	0.70	ppb
Molybdenum	98-1	506.66	517.51	507.47	510.54	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.25	490.17	484.98	483.47	1.57	ppb
Phosphorus	31-2	10594.67	10314.91	10560.67	10490.09	1.46	ppb
Potassium	39-2	126596.58	127883.80	126143.79	126874.72	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	555.01	437.13	460.80	484.31	12.88	ppb
Selenium	78-2	506.81	486.25	447.37	480.14	6.29	ppb
Selenium	82-1	489.43	501.00	497.30	495.91	1.19	ppb
Silicon	28-1	544.62	561.08	564.91	556.87	1.94	ppb
Silver	109-1	500.04	507.96	495.15	501.05	1.29	ppb
Silver	107-1	499.32	510.47	502.29	504.03	1.15	ppb
Sodium	23-2	241392.32	247630.73	243757.80	244260.28	1.29	ppb
Strontium	86-1	505.08	524.15	511.38	513.54	1.89	ppb
Strontium	88-1	518.88	525.96	517.98	520.94	0.84	ppb
Sulfur	34-1	9781.62	9756.00	9700.73	9746.12	0.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.33	523.04	523.20	521.52	0.53	ppb
Thallium	205-1	508.31	513.43	517.94	513.23	0.94	ppb
Tin	118-1	515.54	520.10	513.17	516.27	0.68	ppb
Titanium	47-1	505.89	508.95	504.36	506.40	0.46	ppb
Uranium	238-1	514.13	517.13	518.47	516.58	0.43	ppb
Vanadium	51-2	494.75	507.46	498.09	500.10	1.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	973.79	983.60	984.46	980.62	0.60	ppb
Zirconium	90-1	500.09	516.32	508.33	508.25	1.60	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:52:36	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.86	513.64	516.07	512.19	0.93	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:59:02	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.44	0.87	2.19	2.17	59.46	ppb
Antimony	121-1	0.12	0.10	0.10	0.11	9.06	ppb
Arsenic	75-2	-0.03	0.00	-0.05	-0.03		ppb
Barium	135-1	-0.07	-0.07	-0.06	-0.07		ppb
Barium	137-1	-0.07	-0.07	-0.06	-0.07		ppb
Beryllium	9-1	0.04	0.04	0.05	0.05	10.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.03	4.29	4.29	4.54	9.50	ppb
Boron	11-1	5.29	4.85	5.00	5.05	4.43	ppb
Cadmium	111-1	-0.09	-0.11	-0.14	-0.11		ppb
Cadmium	106-1	-0.84	-1.12	-1.61	-1.19		ppb
Cadmium	108-1	-0.05	0.00	-0.05	-0.03		ppb
Calcium	43-1	-19.92	-21.54	1.49	-13.32		ppb
Calcium	44-1	-0.99	-3.16	1.31	-0.95		ppb
Chromium	52-2	-0.20	-0.13	-0.16	-0.17		ppb
Cobalt	59-2	-0.03	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.34	-0.34	-0.37	-0.35		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.59	0.57	0.69	0.62	10.21	ppb
Iron	57-2	-1.32	-1.29	0.15	-0.82		ppb
Lead	206-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	207-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.02	-0.01	0.00	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	2.70	2.75	1.18	2.21	40.35	ppb
Manganese	55-2	-0.03	-0.08	-0.02	-0.04		ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:59:02	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	153.68	ppb
Molybdenum	95-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.03	-0.02	-0.03	-0.03		ppb
Molybdenum	98-1	-0.02	-0.03	-0.03	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.09	-0.05	-0.05		ppb
Phosphorus	31-2	-0.83	-18.79	-18.79	-12.80		ppb
Potassium	39-2	25.37	21.43	28.66	25.15	14.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	0.22	0.22	0.00		ppb
Selenium	82-1	-0.49	0.08	-0.32	-0.25		ppb
Silicon	28-1	-16.02	-16.96	-7.90	-13.63		ppb
Silver	109-1	0.01	0.02	0.02	0.01	31.09	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.15	ppb
Sodium	23-2	48.69	52.99	40.71	47.46	13.13	ppb
Strontium	86-1	-0.01	-0.04	0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	69.28	ppb
Sulfur	34-1	-1311.97	-1300.05	-530.40	-1047.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	35.51	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	41.08	ppb
Tin	118-1	-0.07	-0.06	-0.05	-0.06		ppb
Titanium	47-1	-0.02	0.05	0.02	0.02	188.47	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.01	0.00	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.10	-0.12	-0.15	-0.12		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	21.87	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:59:02	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.03	21.67	ppb

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : PB101771BL Instrumnet Name : P8
 Client Sample ID : PB101771BL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 16:02:12 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.84	3.45	1.08	1.79	80.56	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	14.74	ppb
Arsenic	75-2	-0.02	-0.02	-0.05	-0.03		ppb
Barium	135-1	-0.08	-0.06	-0.04	-0.06		ppb
Barium	137-1	-0.06	-0.06	-0.07	-0.06		ppb
Beryllium	9-1	-0.01	0.01	0.02	0.01	197.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.20	3.11	2.94	3.42	20.07	ppb
Boron	11-1	3.73	3.13	3.18	3.35	9.89	ppb
Cadmium	111-1	-0.05	-0.10	-0.13	-0.09		ppb
Cadmium	106-1	-0.18	-0.98	-1.37	-0.84		ppb
Cadmium	108-1	-0.05	-0.07	-0.02	-0.05		ppb
Calcium	43-1	-19.68	-17.38	-24.56	-20.54		ppb
Calcium	44-1	-0.10	-2.21	-4.50	-2.27		ppb
Chromium	52-2	-0.12	-0.17	-0.07	-0.12		ppb
Cobalt	59-2	-0.04	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.33	-0.35	-0.33	-0.34		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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.16	0.42	1.10	0.56	87.46	ppb
Iron	57-2	-1.01	0.08	-0.41	-0.44		ppb
Lead	206-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	207-1	-0.02	-0.02	-0.03	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1						%
Magnesium	24-2	0.29	2.45	3.95	2.23	82.50	ppb
Manganese	55-2	-0.03	0.00	-0.05	-0.03		ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BL	Instrumnet Name :	P8
Client Sample ID :	PB101771BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:02:12	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.03	-0.01	-0.03	-0.02		ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.04	-0.03	-0.03	-0.03		ppb
Molybdenum	98-1	-0.03	-0.04	-0.04	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.12	-0.07	-0.08		ppb
Phosphorus	31-2	-1.03	-18.79	2.37	-5.82		ppb
Potassium	39-2	9.21	40.63	59.02	36.29	69.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.87	1.57	0.32	0.92	68.03	ppb
Selenium	82-1	0.17	0.06	-0.18	0.01	1283.10	ppb
Silicon	28-1	-13.49	-14.36	-16.84	-14.90		ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.52	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.24	ppb
Sodium	23-2	35.64	34.46	51.13	40.41	23.02	ppb
Strontium	86-1	0.01	0.02	-0.07	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	65.08	ppb
Sulfur	34-1	-818.92	-932.90	-958.22	-903.35		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	-0.01	0.00	1733.48	ppb
Thallium	205-1	0.00	-0.01	-0.01	0.00		ppb
Tin	118-1	-0.10	-0.11	-0.12	-0.11		ppb
Titanium	47-1	0.01	0.03	0.03	0.02	53.73	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.01	-0.01	-0.03	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.08	-0.12	-0.03	-0.08		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	15.96	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BL	Instrumnet Name :	P8
Client Sample ID :	PB101771BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:02:12	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.00	119.10	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BS	Instrumnet Name :	P8
Client Sample ID :	PB101771BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:05:23	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9921.76	10337.16	9787.69	10015.54	2.86	ppb
Antimony	121-1	503.13	523.70	508.85	511.89	2.07	ppb
Arsenic	75-2	492.85	503.08	502.65	499.53	1.16	ppb
Barium	135-1	2513.81	2603.09	2517.13	2544.68	1.99	ppb
Barium	137-1	2505.17	2570.31	2514.13	2529.87	1.40	ppb
Beryllium	9-1	502.92	507.76	502.21	504.30	0.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	471.08	498.16	508.11	492.45	3.89	ppb
Boron	11-1	478.21	502.02	496.98	492.41	2.55	ppb
Cadmium	111-1	492.18	510.07	495.65	499.30	1.90	ppb
Cadmium	106-1	507.09	516.23	502.33	508.55	1.39	ppb
Cadmium	108-1	496.65	522.99	499.29	506.31	2.86	ppb
Calcium	43-1	48039.21	50157.13	48637.63	48944.66	2.23	ppb
Calcium	44-1	48563.92	50553.09	49060.49	49392.50	2.10	ppb
Chromium	52-2	505.37	516.81	506.23	509.47	1.25	ppb
Cobalt	59-2	499.18	506.94	497.60	501.24	1.00	ppb
Copper	63-2	1030.98	1049.85	1002.57	1027.80	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25832.63	26282.27	25731.19	25948.70	1.13	ppb
Iron	57-2	25200.05	25750.41	25286.17	25412.21	1.16	ppb
Lead	206-1	503.52	511.79	503.89	506.40	0.92	ppb
Lead	207-1	502.09	515.31	499.27	505.56	1.69	ppb
Lead	208-1	501.82	511.46	502.17	505.15	1.08	ppb
Lithium	6-1						%
Magnesium	24-2	53265.49	53512.13	51810.76	52862.80	1.74	ppb
Manganese	55-2	1027.55	1043.21	1018.91	1029.89	1.20	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BS	Instrumnet Name :	P8
Client Sample ID :	PB101771BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:05:23	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.08	511.59	493.04	500.23	1.99	ppb
Molybdenum	95-1	501.06	513.12	501.09	505.09	1.38	ppb
Molybdenum	96-1	502.10	509.76	494.67	502.18	1.50	ppb
Molybdenum	97-1	482.94	493.58	480.61	485.71	1.42	ppb
Molybdenum	98-1	499.66	504.12	493.75	499.18	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.22	519.94	504.32	510.49	1.63	ppb
Phosphorus	31-2	10262.85	10454.91	10264.41	10327.39	1.07	ppb
Potassium	39-2	25594.25	26119.11	25798.92	25837.42	1.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	465.80	485.76	499.05	483.54	3.46	ppb
Selenium	78-2	488.61	495.20	531.60	505.13	4.58	ppb
Selenium	82-1	496.88	503.32	487.47	495.89	1.61	ppb
Silicon	28-1	522.87	551.84	534.11	536.27	2.72	ppb
Silver	109-1	509.82	524.61	504.82	513.08	2.01	ppb
Silver	107-1	510.69	526.51	501.57	512.92	2.46	ppb
Sodium	23-2	51866.59	52814.00	50999.39	51893.33	1.75	ppb
Strontium	86-1	484.42	493.29	481.89	486.53	1.23	ppb
Strontium	88-1	496.53	504.15	491.58	497.42	1.27	ppb
Sulfur	34-1	9099.21	9887.13	9179.28	9388.54	4.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.53	522.61	506.14	510.76	2.03	ppb
Thallium	205-1	490.45	512.48	501.58	501.50	2.20	ppb
Tin	118-1	513.24	529.64	508.35	517.08	2.16	ppb
Titanium	47-1	493.15	509.74	500.17	501.02	1.66	ppb
Uranium	238-1	485.52	499.25	485.59	490.12	1.61	ppb
Vanadium	51-2	507.15	514.74	506.40	509.43	0.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1024.35	1050.30	1018.75	1031.13	1.63	ppb
Zirconium	90-1	495.32	507.23	493.20	498.58	1.52	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BS	Instrumnet Name :	P8
Client Sample ID :	PB101771BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:05:23	DataFile Name :	047LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.60	504.77	499.53	500.30	0.83	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BSD	Instrumnet Name :	P8
Client Sample ID :	PB101771BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:08:23	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9689.13	10215.43	9784.02	9896.19	2.83	ppb
Antimony	121-1	507.42	513.60	505.05	508.69	0.87	ppb
Arsenic	75-2	494.92	519.47	489.35	501.25	3.20	ppb
Barium	135-1	2525.63	2522.39	2562.27	2536.77	0.87	ppb
Barium	137-1	2493.45	2525.70	2527.03	2515.39	0.76	ppb
Beryllium	9-1	504.70	501.68	502.10	502.83	0.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	490.25	492.01	509.94	497.40	2.19	ppb
Boron	11-1	501.66	498.35	503.04	501.02	0.48	ppb
Cadmium	111-1	493.23	495.51	498.65	495.80	0.55	ppb
Cadmium	106-1	495.41	500.95	501.87	499.41	0.70	ppb
Cadmium	108-1	497.62	503.95	503.95	501.84	0.73	ppb
Calcium	43-1	48790.12	48903.78	49584.31	49092.73	0.87	ppb
Calcium	44-1	49292.30	48738.58	50234.74	49421.87	1.53	ppb
Chromium	52-2	493.84	528.39	498.92	507.05	3.68	ppb
Cobalt	59-2	487.08	521.27	486.11	498.15	4.02	ppb
Copper	63-2	1000.83	1056.98	994.98	1017.60	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25190.26	27010.27	25214.96	25805.16	4.04	ppb
Iron	57-2	24885.18	26473.72	24843.59	25400.83	3.66	ppb
Lead	206-1	512.56	505.38	511.92	509.95	0.78	ppb
Lead	207-1	509.10	504.32	515.09	509.50	1.06	ppb
Lead	208-1	506.88	505.55	510.63	507.69	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	50946.09	54328.39	51079.56	52118.01	3.68	ppb
Manganese	55-2	998.08	1064.00	1010.91	1024.33	3.41	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BSD	Instrumnet Name :	P8
Client Sample ID :	PB101771BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:08:23	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.90	498.63	497.06	497.53	0.19	ppb
Molybdenum	95-1	501.91	505.86	502.60	503.46	0.42	ppb
Molybdenum	96-1	494.71	505.06	494.83	498.20	1.19	ppb
Molybdenum	97-1	486.69	488.76	484.13	486.53	0.48	ppb
Molybdenum	98-1	505.74	498.26	499.58	501.19	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.60	530.88	498.11	506.86	4.15	ppb
Phosphorus	31-2	9171.76	10005.90	10074.18	9750.62	5.15	ppb
Potassium	39-2	25160.87	26522.85	24980.34	25554.69	3.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	484.03	569.95	565.81	539.93	8.97	ppb
Selenium	78-2	491.85	550.50	480.99	507.78	7.36	ppb
Selenium	82-1	493.37	497.81	495.97	495.72	0.45	ppb
Silicon	28-1	535.93	535.51	549.38	540.27	1.46	ppb
Silver	109-1	512.65	511.02	515.32	513.00	0.42	ppb
Silver	107-1	514.78	506.27	517.28	512.78	1.13	ppb
Sodium	23-2	50194.18	53173.72	50513.36	51293.75	3.19	ppb
Strontium	86-1	485.31	492.29	487.36	488.32	0.73	ppb
Strontium	88-1	494.52	500.82	495.40	496.91	0.69	ppb
Sulfur	34-1	8787.68	8788.70	9045.70	8874.03	1.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	514.18	514.43	517.58	515.40	0.37	ppb
Thallium	205-1	512.12	504.97	510.28	509.12	0.73	ppb
Tin	118-1	508.05	511.97	508.66	509.56	0.41	ppb
Titanium	47-1	499.88	501.37	507.56	502.94	0.81	ppb
Uranium	238-1	493.66	495.07	499.86	496.20	0.65	ppb
Vanadium	51-2	494.57	520.55	497.02	504.04	2.85	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1000.77	1069.21	1013.56	1027.85	3.54	ppb
Zirconium	90-1	491.30	499.08	497.63	496.00	0.83	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BSD	Instrumnet Name :	P8
Client Sample ID :	PB101771BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:08:23	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.02	498.93	490.83	495.26	0.83	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01	Instrumnet Name :	P8
Client Sample ID :	1708015690	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	173.94	166.28	201.33	180.52	10.21	ppb
Antimony	121-1	0.59	0.53	0.48	0.53	10.63	ppb
Arsenic	75-2	0.36	0.27	0.43	0.35	23.18	ppb
Barium	135-1	237.38	240.56	238.54	238.83	0.67	ppb
Barium	137-1	235.62	235.74	239.27	236.88	0.88	ppb
Beryllium	9-1	0.09	0.11	0.15	0.12	23.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	127.18	127.10	124.59	126.29	1.17	ppb
Boron	11-1	132.20	129.93	126.87	129.67	2.06	ppb
Cadmium	111-1	0.09	0.09	0.12	0.10	14.25	ppb
Cadmium	106-1	0.95	0.72	0.49	0.72	31.39	ppb
Cadmium	108-1	1.29	1.21	0.94	1.15	15.96	ppb
Calcium	43-1	42940.40	43406.87	42905.72	43084.33	0.65	ppb
Calcium	44-1	43603.22	43814.34	43592.92	43670.16	0.29	ppb
Chromium	52-2	3.26	3.75	4.07	3.69	10.95	ppb
Cobalt	59-2	1.99	2.18	2.21	2.13	5.67	ppb
Copper	63-2	86.09	88.68	87.56	87.45	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	557.26	582.02	576.96	572.08	2.29	ppb
Iron	57-2	553.95	610.92	535.60	566.82	6.93	ppb
Lead	206-1	1.01	1.02	1.00	1.01	0.77	ppb
Lead	207-1	0.92	0.86	0.87	0.88	3.97	ppb
Lead	208-1	0.96	0.95	0.93	0.94	1.53	ppb
Lithium	6-1						%
Magnesium	24-2	31312.56	32101.98	31633.29	31682.61	1.25	ppb
Manganese	55-2	185.36	191.89	191.82	189.69	1.98	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01	Instrumnet Name :	P8
Client Sample ID :	1708015690	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	19.15	19.48	19.51	19.38	1.04	ppb
Molybdenum	95-1	44.93	45.57	45.45	45.32	0.75	ppb
Molybdenum	96-1	38.17	39.23	39.03	38.81	1.46	ppb
Molybdenum	97-1	45.12	45.26	44.91	45.10	0.40	ppb
Molybdenum	98-1	45.13	45.98	45.33	45.48	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.89	14.36	14.74	14.33	2.94	ppb
Phosphorus	31-2	55280.08	56138.17	57563.47	56327.24	2.05	ppb
Potassium	39-2	457181.35	474245.54	469555.21	466994.03	1.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	8.76	2.92	173.21	ppb
Selenium	78-2	3.12	1.76	3.84	2.91	36.44	ppb
Selenium	82-1	1.31	1.87	1.38	1.52	20.08	ppb
Silicon	28-1	3773.70	3465.20	3746.97	3661.96	4.67	ppb
Silver	109-1	0.11	0.09	0.09	0.10	12.98	ppb
Silver	107-1	0.09	0.10	0.10	0.09	7.95	ppb
Sodium	23-2	3845.87	3962.91	3918.89	3909.22	1.51	ppb
Strontium	86-1	416.67	422.17	422.15	420.33	0.75	ppb
Strontium	88-1	424.87	432.13	431.59	429.53	0.94	ppb
Sulfur	34-1	20652.48	20793.86	20475.34	20640.56	0.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.19	0.16	0.14	0.16	14.84	ppb
Thallium	205-1	0.19	0.20	0.17	0.19	7.45	ppb
Tin	118-1	3.44	3.17	3.22	3.28	4.48	ppb
Titanium	47-1	27.60	28.28	27.27	27.72	1.86	ppb
Uranium	238-1	0.05	0.04	0.05	0.04	14.29	ppb
Vanadium	51-2	0.30	0.33	0.25	0.30	13.48	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	288.13	301.93	301.83	297.30	2.67	ppb
Zirconium	90-1	7.98	8.42	8.14	8.18	2.67	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01	Instrumnet Name :	P8
Client Sample ID :	1708015690	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	7.94	8.23	7.73	7.97	3.16	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708015690DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-23 16:14:31	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112.17	74.42	106.84	97.81	20.89	ppb
Antimony	121-1	0.15	0.12	0.11	0.13	17.34	ppb
Arsenic	75-2	0.17	0.15	0.25	0.19	28.14	ppb
Barium	135-1	117.25	117.13	114.84	116.40	1.17	ppb
Barium	137-1	118.17	116.78	115.34	116.76	1.21	ppb
Beryllium	9-1	0.02	0.09	0.07	0.06	62.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	61.04	61.12	61.14	61.10	0.08	ppb
Boron	11-1	63.94	61.03	59.81	61.59	3.44	ppb
Cadmium	111-1	-0.03	-0.04	-0.08	-0.05		ppb
Cadmium	106-1	-0.71	-0.58	-1.03	-0.77		ppb
Cadmium	108-1	0.57	0.44	0.59	0.53	15.72	ppb
Calcium	43-1	21317.70	21015.98	21032.73	21122.14	0.80	ppb
Calcium	44-1	21551.18	21169.44	21231.87	21317.49	0.96	ppb
Chromium	52-2	2.07	1.57	1.76	1.80	13.95	ppb
Cobalt	59-2	1.19	0.98	1.03	1.06	10.26	ppb
Copper	63-2	46.10	41.81	41.91	43.27	5.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	298.61	271.64	275.35	281.87	5.19	ppb
Iron	57-2	292.22	266.33	265.10	274.55	5.58	ppb
Lead	206-1	0.47	0.52	0.48	0.49	5.73	ppb
Lead	207-1	0.41	0.41	0.39	0.40	2.65	ppb
Lead	208-1	0.45	0.43	0.42	0.44	3.58	ppb
Lithium	6-1						%
Magnesium	24-2	16479.68	14977.31	15064.45	15507.15	5.44	ppb
Manganese	55-2	100.87	90.53	90.58	93.99	6.33	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708015690DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-23 16:14:31	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.31	9.32	9.23	9.29	0.54	ppb
Molybdenum	95-1	21.79	21.60	21.79	21.72	0.51	ppb
Molybdenum	96-1	18.44	18.87	18.94	18.75	1.43	ppb
Molybdenum	97-1	22.00	22.05	22.11	22.05	0.27	ppb
Molybdenum	98-1	22.14	22.17	22.12	22.14	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.38	6.49	6.64	6.84	6.93	ppb
Phosphorus	31-2	30246.19	26697.39	27723.04	28222.20	6.47	ppb
Potassium	39-2	249644.66	228338.38	229635.42	235872.82	5.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.52	4.16	0.00	2.89	86.83	ppb
Selenium	78-2	1.04	1.60	2.28	1.64	38.07	ppb
Selenium	82-1	0.91	1.12	0.86	0.96	14.63	ppb
Silicon	28-1	1816.42	1647.17	1523.82	1662.47	8.84	ppb
Silver	109-1	0.06	0.04	0.04	0.05	18.79	ppb
Silver	107-1	0.05	0.05	0.04	0.05	14.85	ppb
Sodium	23-2	2071.78	1881.89	1912.85	1955.51	5.21	ppb
Strontium	86-1	205.18	204.53	204.83	204.85	0.16	ppb
Strontium	88-1	209.08	211.02	211.27	210.45	0.57	ppb
Sulfur	34-1	9043.42	8640.23	8569.51	8751.05	2.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.07	0.05	0.06	29.32	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	9.42	ppb
Tin	118-1	1.54	1.41	1.32	1.42	7.57	ppb
Titanium	47-1	13.29	13.49	12.84	13.20	2.52	ppb
Uranium	238-1	-0.03	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.11	0.09	0.13	0.11	19.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	156.52	140.94	142.38	146.61	5.87	ppb
Zirconium	90-1	3.65	3.73	3.67	3.68	1.09	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708015690DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-23 16:14:31	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.62	3.84	3.44	3.63	5.41	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	1708015690DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-23 16:17:40	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.60	44.46	39.39	42.48	6.38	ppb
Antimony	121-1	0.06	0.07	0.07	0.06	10.44	ppb
Arsenic	75-2	-0.02	0.13	0.07	0.06	121.37	ppb
Barium	135-1	48.44	48.31	48.44	48.39	0.16	ppb
Barium	137-1	48.19	48.25	47.34	47.93	1.06	ppb
Beryllium	9-1	0.08	0.01	0.03	0.04	87.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.93	28.68	27.28	27.97	2.50	ppb
Boron	11-1	28.53	28.34	27.99	28.29	0.97	ppb
Cadmium	111-1	-0.08	-0.12	-0.06	-0.09		ppb
Cadmium	106-1	-1.12	-1.56	-0.83	-1.17		ppb
Cadmium	108-1	0.09	0.16	0.14	0.13	31.04	ppb
Calcium	43-1	8687.53	8625.45	8618.48	8643.82	0.44	ppb
Calcium	44-1	9066.71	8902.30	8936.50	8968.50	0.97	ppb
Chromium	52-2	0.64	0.73	0.61	0.66	9.49	ppb
Cobalt	59-2	0.37	0.40	0.36	0.37	5.45	ppb
Copper	63-2	16.63	16.83	17.24	16.90	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	108.85	113.07	110.91	110.95	1.90	ppb
Iron	57-2	116.76	104.46	111.79	111.01	5.57	ppb
Lead	206-1	0.16	0.16	0.15	0.16	5.96	ppb
Lead	207-1	0.11	0.12	0.13	0.12	9.03	ppb
Lead	208-1	0.15	0.15	0.14	0.15	0.90	ppb
Lithium	6-1						%
Magnesium	24-2	6106.76	6217.60	6207.98	6177.45	0.99	ppb
Manganese	55-2	38.75	37.69	38.22	38.22	1.38	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	1708015690DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-23 16:17:40	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.71	3.81	3.77	3.76	1.29	ppb
Molybdenum	95-1	9.12	9.33	9.23	9.23	1.17	ppb
Molybdenum	96-1	8.00	7.91	7.91	7.94	0.66	ppb
Molybdenum	97-1	8.76	8.98	9.43	9.05	3.77	ppb
Molybdenum	98-1	9.04	9.11	8.92	9.02	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.49	2.45	2.78	2.57	6.98	ppb
Phosphorus	31-2	11630.38	10725.74	10885.11	11080.41	4.36	ppb
Potassium	39-2	94633.65	95518.67	98234.89	96129.07	1.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.10	0.00	0.00	1.37	173.21	ppb
Selenium	78-2	1.57	0.23	0.91	0.90	74.21	ppb
Selenium	82-1	0.37	0.83	0.70	0.63	37.14	ppb
Silicon	28-1	607.60	652.17	607.59	622.45	4.13	ppb
Silver	109-1	0.03	0.03	0.03	0.03	10.78	ppb
Silver	107-1	0.04	0.02	0.03	0.03	28.39	ppb
Sodium	23-2	770.30	800.26	796.48	789.01	2.07	ppb
Strontium	86-1	84.68	84.24	85.04	84.65	0.47	ppb
Strontium	88-1	87.76	86.85	89.35	87.99	1.44	ppb
Sulfur	34-1	2560.39	2473.86	2477.92	2504.05	1.95	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.02	41.22	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	15.88	ppb
Tin	118-1	0.39	0.38	0.45	0.41	10.17	ppb
Titanium	47-1	5.48	5.60	5.14	5.40	4.44	ppb
Uranium	238-1	-0.04	-0.05	-0.04	-0.04		ppb
Vanadium	51-2	0.03	0.09	0.05	0.06	61.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	57.82	55.91	61.26	58.33	4.65	ppb
Zirconium	90-1	1.44	1.39	1.32	1.38	4.46	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	1708015690DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-23 16:17:40	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.39	1.45	1.34	1.39	3.86	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:20:48	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50657.51	50497.43	50377.43	50510.79	0.28	ppb
Antimony	121-1	506.24	502.57	501.57	503.46	0.49	ppb
Arsenic	75-2	483.36	497.27	488.59	489.74	1.43	ppb
Barium	135-1	2541.45	2518.03	2545.79	2535.09	0.59	ppb
Barium	137-1	2512.42	2488.89	2505.09	2502.13	0.48	ppb
Beryllium	9-1	517.03	507.80	509.14	511.32	0.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	488.26	503.57	512.65	501.49	2.46	ppb
Boron	11-1	493.45	503.07	516.69	504.40	2.32	ppb
Cadmium	111-1	480.71	476.63	478.76	478.70	0.43	ppb
Cadmium	106-1	492.69	479.56	483.03	485.09	1.40	ppb
Cadmium	108-1	493.48	480.50	485.09	486.36	1.35	ppb
Calcium	43-1	241416.96	243764.06	245487.55	243556.19	0.84	ppb
Calcium	44-1	241586.06	238656.06	241826.17	240689.43	0.73	ppb
Chromium	52-2	494.44	500.73	504.61	499.93	1.03	ppb
Cobalt	59-2	476.64	481.62	484.40	480.89	0.82	ppb
Copper	63-2	962.93	966.37	961.21	963.50	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121671.91	122811.63	123384.50	122622.68	0.71	ppb
Iron	57-2	124097.10	122972.06	124045.42	123704.86	0.51	ppb
Lead	206-1	514.03	503.74	516.10	511.29	1.29	ppb
Lead	207-1	516.21	504.58	508.60	509.80	1.16	ppb
Lead	208-1	511.30	503.34	509.79	508.14	0.83	ppb
Lithium	6-1						%
Magnesium	24-2	243934.15	248276.75	250008.56	247406.49	1.26	ppb
Manganese	55-2	1007.01	1012.83	1024.39	1014.74	0.87	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:20:48	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	492.77	497.65	492.58	494.33	0.58	ppb
Molybdenum	95-1	496.89	500.59	498.62	498.70	0.37	ppb
Molybdenum	96-1	495.09	501.74	495.65	497.50	0.74	ppb
Molybdenum	97-1	483.25	481.48	482.96	482.56	0.20	ppb
Molybdenum	98-1	490.07	499.44	492.83	494.11	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.34	483.97	486.57	484.96	0.29	ppb
Phosphorus	31-2	10442.57	10306.69	9952.18	10233.81	2.47	ppb
Potassium	39-2	130390.49	128135.00	129872.12	129465.87	0.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	508.25	476.72	403.96	462.98	11.55	ppb
Selenium	78-2	494.63	484.20	500.48	493.10	1.67	ppb
Selenium	82-1	480.45	484.33	481.91	482.23	0.41	ppb
Silicon	28-1	545.98	552.14	562.20	553.44	1.48	ppb
Silver	109-1	500.22	491.79	498.71	496.90	0.90	ppb
Silver	107-1	496.10	487.19	497.95	493.75	1.16	ppb
Sodium	23-2	242965.32	243874.97	245949.72	244263.34	0.63	ppb
Strontium	86-1	502.80	511.95	508.31	507.69	0.91	ppb
Strontium	88-1	509.31	513.11	510.15	510.86	0.39	ppb
Sulfur	34-1	8809.47	8635.24	8782.26	8742.32	1.07	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	520.18	514.24	516.98	517.13	0.58	ppb
Thallium	205-1	512.68	507.00	513.30	511.00	0.68	ppb
Tin	118-1	506.51	505.60	505.91	506.01	0.09	ppb
Titanium	47-1	498.91	494.10	494.23	495.75	0.55	ppb
Uranium	238-1	510.74	507.87	508.50	509.04	0.30	ppb
Vanadium	51-2	497.46	503.55	504.56	501.85	0.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	980.07	978.37	1002.53	986.99	1.37	ppb
Zirconium	90-1	494.93	497.52	495.31	495.92	0.28	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:20:48	DataFile Name :	052CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.90	499.70	499.51	499.70	0.04	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:27:18	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	0.83	-0.44	0.82	153.17	ppb
Antimony	121-1	0.09	0.09	0.12	0.10	17.18	ppb
Arsenic	75-2	-0.05	-0.02	-0.02	-0.03		ppb
Barium	135-1	-0.06	-0.07	-0.06	-0.06		ppb
Barium	137-1	-0.07	-0.08	-0.07	-0.07		ppb
Beryllium	9-1	0.06	0.03	0.07	0.05	34.11	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.79	5.83	7.38	6.67	11.76	ppb
Boron	11-1	6.80	6.79	6.44	6.68	3.13	ppb
Cadmium	111-1	-0.12	-0.14	-0.03	-0.10		ppb
Cadmium	106-1	-1.16	-1.57	0.02	-0.90		ppb
Cadmium	108-1	0.10	0.08	0.03	0.07	53.71	ppb
Calcium	43-1	-23.99	-27.94	-25.03	-25.65		ppb
Calcium	44-1	0.45	1.40	0.17	0.68	95.72	ppb
Chromium	52-2	-0.16	-0.11	-0.26	-0.18		ppb
Cobalt	59-2	-0.05	-0.05	-0.05	-0.05		ppb
Copper	63-2	-0.33	-0.34	-0.33	-0.33		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.90	0.90	0.72	0.84	12.78	ppb
Iron	57-2	-0.71	0.68	-0.62	-0.22		ppb
Lead	206-1	0.02	0.02	0.02	0.02	5.22	ppb
Lead	207-1	0.02	0.02	0.02	0.02	12.30	ppb
Lead	208-1	0.02	0.02	0.01	0.02	46.17	ppb
Lithium	6-1						%
Magnesium	24-2	0.25	2.86	4.28	2.46	82.96	ppb
Manganese	55-2	-0.02	0.01	-0.13	-0.05		ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:27:18	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	97-1	-0.03	-0.02	-0.04	-0.03		ppb
Molybdenum	98-1	-0.03	-0.02	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.12	-0.18	-0.15		ppb
Phosphorus	31-2	-1.29	-18.79	-0.84	-6.97		ppb
Potassium	39-2	51.12	46.30	50.08	49.16	5.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.97	1.32	173.21	ppb
Selenium	78-2	0.20	-0.44	3.45	1.07	195.08	ppb
Selenium	82-1	0.04	-0.21	-0.26	-0.14		ppb
Silicon	28-1	-15.88	-15.95	-15.39	-15.74		ppb
Silver	109-1	0.02	0.02	0.03	0.02	26.30	ppb
Silver	107-1	0.02	0.01	0.01	0.01	32.25	ppb
Sodium	23-2	63.26	53.60	48.74	55.20	13.39	ppb
Strontium	86-1	-0.04	-0.01	-0.06	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	128.09	ppb
Sulfur	34-1	-1475.02	-1362.60	-1347.38	-1395.00		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.02	0.02	13.53	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	1.53	ppb
Tin	118-1	-0.05	-0.07	-0.07	-0.06		ppb
Titanium	47-1	0.07	0.04	0.04	0.05	36.98	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.02	-0.02	-0.03	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.13	-0.15	0.01	-0.09		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	25.15	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:27:18	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.02	0.02	14.63	ppb

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:05:00	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	58	33	58	50	28.86	cps
Arsenic	75-2	4	7	6	6	33.38	cps
Barium	135-1	200	175	142	172	16.99	cps
Barium	137-1	225	292	375	297	25.29	cps
Beryllium	9-1	100	89	56	81	28.38	cps
Bismuth	209-1	4814748	4844488	4808322	4822519	0.40	cps
Bismuth	209-2	1419642	1412676	1404960	1412426	0.52	cps
Boron	10-1	158	183	142	161	13.02	cps
Boron	11-1	625	550	575	583	6.55	cps
Cadmium	111-1	1152	1332	1075	1187	11.12	cps
Cadmium	106-1	1575	1759	1392	1575	11.64	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	2092	2017	2117	2075	2.51	cps
Calcium	44-1	33298	32113	31829	32413	2.40	cps
Chromium	52-2	827	767	803	799	3.79	cps
Cobalt	59-2	153	107	97	119	25.44	cps
Copper	63-2	753	737	840	777	7.14	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	42	25	92	53	65.74	cps
Gadolinium	160-2	33	13	10	19	66.81	cps
Holmium	165-1	8145557	8110034	8149070	8134887	0.27	cps
Holmium	165-2	1846520	1846036	1837532	1843363	0.27	cps
Indium	115-1	7257590	7150954	7235236	7214593	0.78	cps
Indium	115-2	323547	324745	324369	324220	0.19	cps
Iron	56-2	1928	1678	1911	1839	7.60	cps
Iron	57-2	61	61	72	65	9.91	cps
Lead	206-1	667	672	500	613	15.97	cps
Lead	207-1	589	644	617	617	4.50	cps
Lead	208-1	2706	2550	2456	2571	4.91	cps
Lithium	6-1	601108	596981	603235	600441	0.53	cps
Magnesium	24-2	92	50	100	81	33.26	cps
Manganese	55-2	57	47	37	47	21.43	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:05:00	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	333	292	300	10.02	cps
Molybdenum	95-1	208	183	192	194	6.55	cps
Molybdenum	96-1	300	225	283	269	14.62	cps
Molybdenum	97-1	192	200	125	172	23.87	cps
Molybdenum	98-1	292	333	358	328	10.28	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	190	187	183	4.81	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2750	2567	2192	2503	11.37	cps
Rhodium	103-1	6747386	6654322	6648969	6683559	0.83	cps
Rhodium	103-2	1779942	1758919	1784434	1774432	0.77	cps
Scandium	45-1	3833026	3782297	3795829	3803718	0.69	cps
Scandium	45-2	32655	32631	32037	32441	1.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-126	13	-83	-65	-108.35	cps
Silicon	28-1	370385	367751	361854	366663	1.19	cps
Silver	109-1	25	8	33	22	57.29	cps
Silver	107-1	50	67	100	72	35.26	cps
Sodium	23-2	2909	2692	2617	2739	5.53	cps
Strontium	86-1	1033	925	933	964	6.25	cps
Strontium	88-1	183	200	133	172	20.15	cps
Sulfur	34-1	336018	337663	342699	338793	1.03	cps
Terbium	159-1	8473799	8540003	8537021	8516941	0.44	cps
Terbium	159-2	1806025	1775313	1770256	1783865	1.09	cps
Thallium	203-1	208	208	142	186	20.68	cps
Thallium	205-1	550	442	600	531	15.26	cps
Tin	118-1	2963	950	1008	1640	69.83	cps
Titanium	47-1	92	83	100	92	9.09	cps
Uranium	238-1	1467	1317	1158	1314	11.74	cps
Vanadium	51-2	20	30	20	23	24.74	cps
Yttrium	89-1	7581526	7546289	7551249	7559688	0.25	cps
Yttrium	89-2	238237	236051	237232	237174	0.46	cps
Zinc	66-2	53	30	23	36	44.31	cps
Zirconium	90-1	375	400	342	372	7.86	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:05:00	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	142	75	97	39.59	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:12:08	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	125	117	117	7.14	cps
Antimony	121-1	19165	18906	18731	18934	1.15	cps
Arsenic	75-2	113	96	120	110	11.22	cps
Barium	135-1	18238	17963	18172	18124	0.79	cps
Barium	137-1	31530	31405	32249	31728	1.43	cps
Beryllium	9-1	950	911	850	904	5.58	cps
Bismuth	209-1	4665743	4706350	4700754	4690949	0.47	cps
Bismuth	209-2	1345871	1354819	1251384	1317358	4.35	cps
Boron	10-1	2534	2600	2534	2556	1.51	cps
Boron	11-1	11814	11722	11347	11627	2.13	cps
Cadmium	111-1	3228	3180	3360	3256	2.86	cps
Cadmium	106-1	1767	1583	1734	1695	5.76	cps
Cadmium	108-1	108	113	154	125	20.28	cps
Calcium	43-1	10446	10813	10913	10724	2.29	cps
Calcium	44-1	178825	178362	177898	178362	0.26	cps
Chromium	52-2	2564	2527	2647	2579	2.38	cps
Cobalt	59-2	2000	1877	1850	1909	4.19	cps
Copper	63-2	3861	3927	4111	3966	3.27	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	83	33	75	64	41.93	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	7941555	8015606	7962781	7973314	0.48	cps
Holmium	165-2	1798001	1803112	1661418	1754177	4.58	cps
Indium	115-1	7044549	7051829	7142273	7079550	0.77	cps
Indium	115-2	313483	312324	294374	306727	3.49	cps
Iron	56-2	29554	30467	30495	30172	1.77	cps
Iron	57-2	722	767	700	730	4.65	cps
Lead	206-1	6102	6402	6152	6218	2.59	cps
Lead	207-1	5796	5996	5379	5724	5.50	cps
Lead	208-1	25906	25561	24977	25481	1.84	cps
Lithium	6-1	576274	579230	581712	579072	0.47	cps
Magnesium	24-2	14208	14158	13782	14049	1.66	cps
Manganese	55-2	253	290	260	268	7.29	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:12:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15626	15226	15743	15532	1.75	cps
Molybdenum	95-1	18563	18480	19023	18689	1.56	cps
Molybdenum	96-1	20833	21551	22069	21484	2.89	cps
Molybdenum	97-1	11973	12273	12097	12114	1.25	cps
Molybdenum	98-1	30302	29801	30210	30104	0.89	cps
Neodymium	150-1	7	33	0	13	132.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	673	823	740	746	10.08	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	11272	11005	11072	11116	1.25	cps
Rhodium	103-1	6594709	6547271	6578382	6573454	0.37	cps
Rhodium	103-2	1735079	1746848	1623136	1701688	4.01	cps
Scandium	45-1	3728018	3669378	3686615	3694670	0.82	cps
Scandium	45-2	31713	32267	29832	31271	4.08	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	19	17	11	15	24.99	cps
Selenium	82-1	614	622	586	607	3.05	cps
Silicon	28-1	411703	410601	423902	415402	1.78	cps
Silver	109-1	12173	12139	12456	12256	1.42	cps
Silver	107-1	13332	12590	12982	12968	2.86	cps
Sodium	23-2	36799	37484	36531	36938	1.33	cps
Strontium	86-1	3426	3784	3359	3523	6.49	cps
Strontium	88-1	21802	22436	22812	22350	2.28	cps
Sulfur	34-1	335529	333466	335957	334984	0.40	cps
Terbium	159-1	8426648	8476049	8456194	8452964	0.29	cps
Terbium	159-2	1763733	1770175	1628830	1720913	4.64	cps
Thallium	203-1	6210	5893	6377	6160	3.99	cps
Thallium	205-1	14809	14125	15227	14720	3.78	cps
Tin	118-1	32958	32449	31814	32407	1.77	cps
Titanium	47-1	4668	4509	4376	4518	3.23	cps
Uranium	238-1	17271	17296	18172	17580	2.92	cps
Vanadium	51-2	2967	3110	3077	3051	2.46	cps
Yttrium	89-1	7486537	7490116	7477267	7484640	0.09	cps
Yttrium	89-2	230022	231876	215523	225807	3.97	cps
Zinc	66-2	317	370	397	361	11.28	cps
Zirconium	90-1	12806	13541	13574	13307	3.26	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:12:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3017	2884	2950	2950	2.26	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:15:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6452	6127	6068	6216	3.32	cps
Antimony	121-1	532389	524329	523630	526783	0.92	cps
Arsenic	75-2	5820	5783	5803	5802	0.32	cps
Barium	135-1	526847	525778	522277	524967	0.46	cps
Barium	137-1	919440	919097	916389	918309	0.18	cps
Beryllium	9-1	47473	46721	45958	46717	1.62	cps
Bismuth	209-1	4506053	4738370	4759801	4668075	3.01	cps
Bismuth	209-2	1371616	1363197	1378883	1371232	0.57	cps
Boron	10-1	5310	5435	5176	5307	2.44	cps
Boron	11-1	25674	26258	27944	26625	4.43	cps
Cadmium	111-1	117040	116279	116102	116474	0.43	cps
Cadmium	106-1	13224	13023	12765	13004	1.77	cps
Cadmium	108-1	8057	8182	7786	8008	2.53	cps
Calcium	43-1	104295	102077	102347	102906	1.18	cps
Calcium	44-1	1740492	1710737	1735514	1728914	0.92	cps
Chromium	52-2	47584	47848	47955	47796	0.40	cps
Cobalt	59-2	102574	101805	101278	101885	0.64	cps
Copper	63-2	179007	180385	179586	179659	0.39	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	58	42	33	44	28.65	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	92	92	42	75	38.49	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	7712560	8070109	8078268	7953645	2.63	cps
Holmium	165-2	1806111	1819978	1834315	1820135	0.77	cps
Indium	115-1	6819715	7067758	7209927	7032466	2.81	cps
Indium	115-2	316158	321128	319056	318781	0.78	cps
Iron	56-2	1621320	1632150	1628024	1627165	0.34	cps
Iron	57-2	39969	41067	41190	40742	1.65	cps
Lead	206-1	272633	272321	272599	272518	0.06	cps
Lead	207-1	245629	246596	246264	246163	0.20	cps
Lead	208-1	1109646	1104585	1102918	1105716	0.32	cps
Lithium	6-1	551247	570465	575989	565901	2.29	cps
Magnesium	24-2	156856	158422	159621	158300	0.88	cps
Manganese	55-2	26515	26699	26913	26709	0.74	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:15:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	403749	406611	403631	404664	0.42	cps
Molybdenum	95-1	219295	218489	215620	217801	0.89	cps
Molybdenum	96-1	279238	282220	278473	279977	0.71	cps
Molybdenum	97-1	136734	135960	134495	135730	0.84	cps
Molybdenum	98-1	351536	350039	348695	350090	0.41	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	30711	30557	30353	30540	0.59	cps
Phosphorus	31-2	483	400	400	428	11.25	cps
Potassium	39-2	49797	49797	51562	50385	2.02	cps
Rhodium	103-1	6306923	6607217	6577871	6497337	2.55	cps
Rhodium	103-2	1737145	1756641	1754545	1749444	0.61	cps
Scandium	45-1	3584463	3775004	3768409	3709292	2.92	cps
Scandium	45-2	31686	32491	32357	32178	1.34	cps
Selenium	77-2	33	23	70	42	58.20	cps
Selenium	78-2	144	193	120	152	24.12	cps
Selenium	82-1	6798	7030	7064	6964	2.08	cps
Silicon	28-1	574903	584285	575654	578281	0.90	cps
Silver	109-1	533655	534024	531025	532901	0.31	cps
Silver	107-1	552274	553759	556081	554038	0.35	cps
Sodium	23-2	385261	381265	386058	384195	0.67	cps
Strontium	86-1	144515	145316	147262	145698	0.97	cps
Strontium	88-1	1239227	1242864	1229862	1237318	0.54	cps
Sulfur	34-1	366194	369201	373220	369538	0.95	cps
Terbium	159-1	8216169	8492624	8589781	8432858	2.30	cps
Terbium	159-2	1769603	1781918	1810465	1787329	1.17	cps
Thallium	203-1	340322	338231	339447	339333	0.31	cps
Thallium	205-1	806174	809239	803400	806271	0.36	cps
Tin	118-1	363455	361580	363311	362782	0.29	cps
Titanium	47-1	53679	54181	53202	53687	0.91	cps
Uranium	238-1	976220	989834	982882	982979	0.69	cps
Vanadium	51-2	34533	34212	34242	34329	0.52	cps
Yttrium	89-1	7193403	7480304	7535538	7403082	2.48	cps
Yttrium	89-2	231099	234017	234794	233303	0.84	cps
Zinc	66-2	16293	16316	16036	16215	0.96	cps
Zirconium	90-1	762292	779019	772097	771136	1.09	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:15:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	171164	171527	170573	171088	0.28	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 13:19:08 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15726	15334	15860	15640	1.75	cps
Antimony	121-1	1320608	1324431	1339379	1328139	0.75	cps
Arsenic	75-2	14339	14500	14602	14481	0.92	cps
Barium	135-1	1341831	1328651	1334863	1335115	0.49	cps
Barium	137-1	2352934	2326939	2356305	2345393	0.69	cps
Beryllium	9-1	115627	114765	115051	115148	0.38	cps
Bismuth	209-1	4794691	4696798	4768918	4753469	1.07	cps
Bismuth	209-2	1393452	1389973	1308246	1363890	3.54	cps
Boron	10-1	13866	13390	14725	13993	4.83	cps
Boron	11-1	66513	64780	67744	66346	2.24	cps
Cadmium	111-1	292994	286986	291140	290373	1.06	cps
Cadmium	106-1	31371	31195	31696	31421	0.81	cps
Cadmium	108-1	20345	20286	20795	20476	1.36	cps
Calcium	43-1	256451	254482	260041	256991	1.10	cps
Calcium	44-1	4233371	4191032	4274877	4233093	0.99	cps
Chromium	52-2	118530	117481	118083	118031	0.45	cps
Cobalt	59-2	255220	255656	254384	255087	0.25	cps
Copper	63-2	449568	451990	452342	451300	0.33	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	25	0	19	89.21	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	58	42	83	61	34.32	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	8196494	8066286	8203077	8155286	0.95	cps
Holmium	165-2	1853659	1842121	1748900	1814893	3.17	cps
Indium	115-1	7108133	6990229	7190689	7096350	1.42	cps
Indium	115-2	316901	319244	299046	311731	3.54	cps
Iron	56-2	4065502	4090991	4049057	4068517	0.52	cps
Iron	57-2	102849	101209	101936	101998	0.81	cps
Lead	206-1	691638	682151	691163	688317	0.78	cps
Lead	207-1	621646	619675	626107	622476	0.53	cps
Lead	208-1	2797724	2766692	2801764	2788727	0.69	cps
Lithium	6-1	570073	573502	573052	572209	0.33	cps
Magnesium	24-2	392631	395600	398668	395633	0.76	cps
Manganese	55-2	66089	66002	65844	65978	0.19	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:19:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1020602	1019865	1039126	1026531	1.06	cps
Molybdenum	95-1	549886	551215	557579	552893	0.74	cps
Molybdenum	96-1	712568	710589	715337	712831	0.33	cps
Molybdenum	97-1	340852	342465	347730	343682	1.05	cps
Molybdenum	98-1	887278	875846	891834	884986	0.93	cps
Neodymium	150-1	33	47	53	44	22.92	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	76217	74930	76951	76033	1.35	cps
Phosphorus	31-2	1275	1275	1083	1211	9.14	cps
Potassium	39-2	122698	122984	121856	122513	0.48	cps
Rhodium	103-1	6511112	6580009	6567813	6552978	0.56	cps
Rhodium	103-2	1740484	1758042	1663749	1720758	2.91	cps
Scandium	45-1	3753719	3738986	3802454	3765053	0.88	cps
Scandium	45-2	31586	32808	31135	31843	2.72	cps
Selenium	77-2	97	97	103	99	3.89	cps
Selenium	78-2	343	335	276	318	11.49	cps
Selenium	82-1	17590	17496	17710	17599	0.61	cps
Silicon	28-1	876097	863074	873926	871032	0.80	cps
Silver	109-1	1326235	1324511	1345248	1331998	0.86	cps
Silver	107-1	1400091	1380690	1408299	1396360	1.02	cps
Sodium	23-2	959202	963869	957758	960276	0.33	cps
Strontium	86-1	363212	360953	366533	363566	0.77	cps
Strontium	88-1	3209402	3150100	3199413	3186305	1.00	cps
Sulfur	34-1	420851	415890	416109	417617	0.67	cps
Terbium	159-1	8542478	8464934	8491287	8499566	0.46	cps
Terbium	159-2	1808745	1780514	1668724	1752661	4.22	cps
Thallium	203-1	861575	857961	858434	859323	0.23	cps
Thallium	205-1	2092973	2062446	2063763	2073060	0.83	cps
Tin	118-1	914569	909926	912846	912447	0.26	cps
Titanium	47-1	135187	133885	135592	134888	0.66	cps
Uranium	238-1	2570300	2525899	2538699	2544966	0.90	cps
Vanadium	51-2	87279	86679	86840	86933	0.36	cps
Yttrium	89-1	7548773	7497946	7541110	7529276	0.36	cps
Yttrium	89-2	233789	233910	223873	230524	2.50	cps
Zinc	66-2	39844	39610	40078	39844	0.59	cps
Zirconium	90-1	1998517	1977862	1991619	1989332	0.53	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:19:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433997	431826	439332	435052	0.89	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 13:22:33 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30592	30033	30459	30361	0.96	cps
Antimony	121-1	2678326	2682585	2689661	2683524	0.21	cps
Arsenic	75-2	28760	28045	28379	28395	1.26	cps
Barium	135-1	2726443	2685291	2726766	2712834	0.88	cps
Barium	137-1	4683309	4678739	4718175	4693408	0.46	cps
Beryllium	9-1	228385	231619	231388	230464	0.78	cps
Bismuth	209-1	4696786	4721051	4870816	4762884	1.98	cps
Bismuth	209-2	1392582	1383553	1383860	1386665	0.37	cps
Boron	10-1	27093	27285	28220	27533	2.19	cps
Boron	11-1	129715	129228	130271	129738	0.40	cps
Cadmium	111-1	574821	577085	577221	576376	0.23	cps
Cadmium	106-1	60704	59088	61148	60313	1.80	cps
Cadmium	108-1	40227	40369	40143	40246	0.28	cps
Calcium	43-1	506267	505682	504892	505614	0.14	cps
Calcium	44-1	8346501	8283091	8330197	8319930	0.40	cps
Chromium	52-2	232490	228914	229778	230394	0.81	cps
Cobalt	59-2	499519	496959	494067	496848	0.55	cps
Copper	63-2	879100	873987	873508	875532	0.35	cps
Dysprosium	156-1	67	75	67	69	6.93	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	20	7	3	10	88.20	cps
Holmium	165-1	7933753	8195857	8401592	8177067	2.87	cps
Holmium	165-2	1841271	1828415	1826149	1831945	0.45	cps
Indium	115-1	6937950	7051269	7125528	7038249	1.34	cps
Indium	115-2	313461	310928	308847	311079	0.74	cps
Iron	56-2	7877811	7817228	7803981	7833006	0.50	cps
Iron	57-2	199789	197335	196571	197898	0.85	cps
Lead	206-1	1389845	1394586	1388856	1391096	0.22	cps
Lead	207-1	1251397	1264001	1258651	1258016	0.50	cps
Lead	208-1	5686702	5731629	5754650	5724327	0.60	cps
Lithium	6-1	549815	553232	572249	558432	2.16	cps
Magnesium	24-2	779225	771269	768295	772930	0.73	cps
Manganese	55-2	130718	128884	127784	129129	1.15	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:22:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2105990	2061830	2088854	2085558	1.07	cps
Molybdenum	95-1	1096275	1090936	1089406	1092205	0.33	cps
Molybdenum	96-1	1453984	1430949	1450174	1445036	0.85	cps
Molybdenum	97-1	685410	683675	683994	684360	0.13	cps
Molybdenum	98-1	1794910	1803469	1804429	1800936	0.29	cps
Neodymium	150-1	113	100	140	118	17.30	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	147875	148612	146912	147800	0.58	cps
Phosphorus	31-2	2575	2442	2225	2414	7.32	cps
Potassium	39-2	238860	233152	232632	234881	1.47	cps
Rhodium	103-1	6257639	6365909	6526375	6383308	2.12	cps
Rhodium	103-2	1730526	1691185	1702057	1707923	1.19	cps
Scandium	45-1	3609700	3704804	3750563	3688356	1.95	cps
Scandium	45-2	31552	32043	32217	31938	1.08	cps
Selenium	77-2	220	177	197	198	10.97	cps
Selenium	78-2	756	726	700	727	3.82	cps
Selenium	82-1	35354	35163	34687	35068	0.98	cps
Silicon	28-1	1217854	1214142	1220588	1217528	0.27	cps
Silver	109-1	2750213	2736664	2757048	2747975	0.38	cps
Silver	107-1	2814491	2798597	2844865	2819318	0.83	cps
Sodium	23-2	1901469	1920551	1889731	1903917	0.82	cps
Strontium	86-1	724338	723024	721139	722834	0.22	cps
Strontium	88-1	6124467	6168930	6211664	6168354	0.71	cps
Sulfur	34-1	485414	481658	484892	483988	0.42	cps
Terbium	159-1	8369224	8508347	8780271	8552614	2.44	cps
Terbium	159-2	1773960	1772238	1806297	1784165	1.08	cps
Thallium	203-1	1753189	1784316	1745996	1761167	1.16	cps
Thallium	205-1	4173575	4221724	4227881	4207726	0.71	cps
Tin	118-1	1870579	1845314	1848430	1854774	0.74	cps
Titanium	47-1	261998	266456	267807	265420	1.15	cps
Uranium	238-1	5133850	5052535	5186765	5124383	1.32	cps
Vanadium	51-2	171053	168739	169194	169662	0.72	cps
Yttrium	89-1	7253825	7414429	7574343	7414199	2.16	cps
Yttrium	89-2	232234	228173	230077	230161	0.88	cps
Zinc	66-2	77260	76982	77451	77231	0.31	cps
Zirconium	90-1	3956338	3923443	3939545	3939775	0.42	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:22:33	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	864921	860725	862330	862658	0.25	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:25:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57291	58580	58848	58240	1.43	cps
Antimony	121-1	5301131	5290778	5246313	5279407	0.55	cps
Arsenic	75-2	54583	54600	54308	54497	0.30	cps
Barium	135-1	5312764	5374832	5347074	5344890	0.58	cps
Barium	137-1	9217461	9255353	9256930	9243248	0.24	cps
Beryllium	9-1	448243	449275	453179	450233	0.58	cps
Bismuth	209-1	5056423	5022437	5035450	5038104	0.34	cps
Bismuth	209-2	1388265	1360393	1368903	1372520	1.04	cps
Boron	10-1	53969	54596	54798	54454	0.79	cps
Boron	11-1	250864	258008	256496	255123	1.48	cps
Cadmium	111-1	1132751	1126885	1134495	1131377	0.35	cps
Cadmium	106-1	115793	117861	118660	117438	1.26	cps
Cadmium	108-1	78141	79198	79474	78938	0.89	cps
Calcium	43-1	977007	976227	968140	973791	0.50	cps
Calcium	44-1	16016206	16019136	16007050	16014131	0.04	cps
Chromium	52-2	438762	435554	435825	436714	0.41	cps
Cobalt	59-2	952848	947315	945028	948397	0.42	cps
Copper	63-2	1703528	1691232	1686551	1693770	0.52	cps
Dysprosium	156-1	67	33	83	61	41.67	cps
Dysprosium	156-2	17	27	13	19	36.75	cps
Erbium	164-1	92	75	83	83	10.00	cps
Erbium	164-2	23	3	10	12	83.33	cps
Gadolinium	160-1	150	92	108	117	25.76	cps
Gadolinium	160-2	27	30	13	23	37.81	cps
Holmium	165-1	8355059	8504079	8453712	8437617	0.90	cps
Holmium	165-2	1840285	1805056	1809950	1818430	1.05	cps
Indium	115-1	7084828	6928736	6962140	6991901	1.18	cps
Indium	115-2	296294	292691	291182	293389	0.90	cps
Iron	56-2	15075091	14928175	15018044	15007103	0.49	cps
Iron	57-2	382754	377499	374732	378328	1.08	cps
Lead	206-1	2908474	2964273	2965346	2946031	1.10	cps
Lead	207-1	2657298	2697169	2723805	2692757	1.24	cps
Lead	208-1	11872623	12064717	12078365	12005235	0.96	cps
Lithium	6-1	560761	563674	558988	561141	0.42	cps
Magnesium	24-2	1526418	1527900	1515866	1523394	0.43	cps
Manganese	55-2	243681	241963	242466	242703	0.36	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:25:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4020258	4036459	4098067	4051594	1.01	cps
Molybdenum	95-1	2184000	2187335	2212452	2194596	0.71	cps
Molybdenum	96-1	2860435	2835455	2863031	2852974	0.53	cps
Molybdenum	97-1	1349346	1334612	1347427	1343795	0.60	cps
Molybdenum	98-1	3550553	3520955	3564946	3545485	0.63	cps
Neodymium	150-1	153	227	307	229	33.51	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	281980	279828	280163	280657	0.41	cps
Phosphorus	31-2	4759	4159	4601	4506	6.90	cps
Potassium	39-2	436788	438969	437509	437755	0.25	cps
Rhodium	103-1	6477570	6396164	6462641	6445459	0.67	cps
Rhodium	103-2	1673287	1673211	1646210	1664236	0.94	cps
Scandium	45-1	3669129	3632434	3623138	3641567	0.67	cps
Scandium	45-2	30740	30189	30577	30502	0.93	cps
Selenium	77-2	393	350	333	359	8.63	cps
Selenium	78-2	1287	1350	1296	1311	2.59	cps
Selenium	82-1	67695	67867	68122	67894	0.32	cps
Silicon	28-1	1943367	1968668	1974555	1962197	0.84	cps
Silver	109-1	5275979	5327732	5336743	5313485	0.62	cps
Silver	107-1	5504308	5492459	5486628	5494465	0.16	cps
Sodium	23-2	3677989	3614954	3623391	3638778	0.94	cps
Strontium	86-1	1399557	1437220	1411610	1416129	1.36	cps
Strontium	88-1	11981524	12061042	12081689	12041418	0.44	cps
Sulfur	34-1	617539	613437	613024	614667	0.41	cps
Terbium	159-1	8843296	8837871	8856103	8845757	0.11	cps
Terbium	159-2	1802011	1745779	1751678	1766489	1.75	cps
Thallium	203-1	3620247	3656726	3694534	3657169	1.02	cps
Thallium	205-1	8387561	8600446	8684228	8557412	1.79	cps
Tin	118-1	3672950	3683791	3668170	3674970	0.22	cps
Titanium	47-1	516272	513817	515914	515334	0.26	cps
Uranium	238-1	10667165	10879417	10838562	10795048	1.04	cps
Vanadium	51-2	328180	326115	324162	326153	0.62	cps
Yttrium	89-1	7361670	7385308	7379313	7375430	0.17	cps
Yttrium	89-2	222483	219202	218910	220198	0.90	cps
Zinc	66-2	146847	145116	146126	146030	0.60	cps
Zirconium	90-1	7577311	7780617	7748586	7702171	1.42	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:25:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1709673	1763301	1734282	1735752	1.55	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:29:07	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112476	113173	114005	113218	0.68	cps
Antimony	121-1	10238091	10176806	10095700	10170199	0.70	cps
Arsenic	75-2	100965	101730	101499	101398	0.39	cps
Barium	135-1	10435732	10439799	10384198	10419910	0.30	cps
Barium	137-1	18189974	18341247	18201123	18244115	0.46	cps
Beryllium	9-1	871542	878562	876450	875518	0.41	cps
Bismuth	209-1	5182960	5091724	5173408	5149364	0.97	cps
Bismuth	209-2	1311031	1318494	1327428	1318984	0.62	cps
Boron	10-1	104378	107223	108642	106748	2.03	cps
Boron	11-1	495166	501244	505892	500767	1.07	cps
Cadmium	111-1	2241603	2216101	2233330	2230345	0.58	cps
Cadmium	106-1	222404	219907	222311	221540	0.64	cps
Cadmium	108-1	154485	151720	151834	152680	1.02	cps
Calcium	43-1	1897017	1881100	1889343	1889153	0.42	cps
Calcium	44-1	30586841	30562883	30355249	30501658	0.42	cps
Chromium	52-2	825117	830593	829327	828346	0.35	cps
Cobalt	59-2	1834581	1819162	1834949	1829564	0.49	cps
Copper	63-2	3199728	3185554	3173120	3186134	0.42	cps
Dysprosium	156-1	142	133	192	156	20.28	cps
Dysprosium	156-2	17	27	13	19	36.75	cps
Erbium	164-1	83	58	67	69	18.33	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	158	175	158	164	5.87	cps
Gadolinium	160-2	27	20	33	27	24.99	cps
Holmium	165-1	8533264	8536762	8598038	8556021	0.43	cps
Holmium	165-2	1742392	1747015	1735127	1741511	0.34	cps
Indium	115-1	6858281	6756804	6707274	6774120	1.14	cps
Indium	115-2	268658	271830	268069	269519	0.75	cps
Iron	56-2	28375542	28079352	28198760	28217885	0.53	cps
Iron	57-2	711168	710865	713736	711923	0.22	cps
Lead	206-1	5855433	5832764	5916245	5868147	0.74	cps
Lead	207-1	5421058	5419136	5423171	5421122	0.04	cps
Lead	208-1	23905855	23915775	24248333	24023321	0.81	cps
Lithium	6-1	555522	554549	554274	554782	0.12	cps
Magnesium	24-2	2898520	2923552	2893258	2905110	0.56	cps
Manganese	55-2	459211	457445	456679	457778	0.28	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:29:07	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7826697	7825889	7785070	7812552	0.30	cps
Molybdenum	95-1	4237400	4184462	4204691	4208851	0.63	cps
Molybdenum	96-1	5472708	5426755	5483249	5460904	0.55	cps
Molybdenum	97-1	2647153	2636558	2650646	2644786	0.28	cps
Molybdenum	98-1	6751703	6742329	6721561	6738531	0.23	cps
Neodymium	150-1	220	347	393	320	28.03	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	526110	529918	527405	527811	0.37	cps
Phosphorus	31-2	8178	8286	8186	8217	0.73	cps
Potassium	39-2	820972	818501	818351	819275	0.18	cps
Rhodium	103-1	6247863	6245975	6188011	6227283	0.55	cps
Rhodium	103-2	1562332	1576324	1561396	1566684	0.53	cps
Scandium	45-1	3568615	3520977	3496957	3528850	1.03	cps
Scandium	45-2	29304	29191	29728	29408	0.96	cps
Selenium	77-2	740	720	727	729	1.40	cps
Selenium	78-2	2402	2474	2413	2430	1.60	cps
Selenium	82-1	129249	128547	127936	128577	0.51	cps
Silicon	28-1	3336793	3323526	3288754	3316358	0.75	cps
Silver	109-1	10147884	10135456	10082704	10122014	0.34	cps
Silver	107-1	10503101	10383491	10388479	10425024	0.65	cps
Sodium	23-2	6914111	6982188	7038203	6978167	0.89	cps
Strontium	86-1	2725797	2709158	2720347	2718434	0.31	cps
Strontium	88-1	23211889	23064342	23102466	23126232	0.33	cps
Sulfur	34-1	850403	847145	843658	847069	0.40	cps
Terbium	159-1	8915195	8911703	8827739	8884879	0.56	cps
Terbium	159-2	1680116	1660090	1688234	1676147	0.86	cps
Thallium	203-1	7145569	7231771	7338395	7238579	1.33	cps
Thallium	205-1	17132965	17199335	17279277	17203859	0.43	cps
Tin	118-1	7077610	7054065	7041750	7057808	0.26	cps
Titanium	47-1	980209	974920	967815	974315	0.64	cps
Uranium	238-1	22203409	22203131	22281895	22229478	0.20	cps
Vanadium	51-2	620094	618573	617727	618798	0.19	cps
Yttrium	89-1	7296535	7156236	7133416	7195396	1.23	cps
Yttrium	89-2	205629	206699	207851	206726	0.54	cps
Zinc	66-2	271898	272969	271371	272080	0.30	cps
Zirconium	90-1	14957936	14823437	14705442	14828938	0.85	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:29:07	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3352331	3337327	3328478	3339378	0.36	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:32:19	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	570302	571569	583616	575162	1.28	cps
Antimony	121-1	23254	23063	22595	22971	1.48	cps
Arsenic	75-2	48	35	26	36	30.64	cps
Barium	135-1	4634	4868	4326	4609	5.90	cps
Barium	137-1	8461	8411	7219	8031	8.76	cps
Beryllium	9-1	350	306	256	304	15.56	cps
Bismuth	209-1	4893055	4896275	4789252	4859527	1.25	cps
Bismuth	209-2	1296383	1273934	1295889	1288736	0.99	cps
Boron	10-1	3917	3642	3476	3678	6.07	cps
Boron	11-1	18746	17428	16285	17486	7.04	cps
Cadmium	111-1	1807	1818	1443	1689	12.63	cps
Cadmium	106-1	1717	1750	1475	1647	9.11	cps
Cadmium	108-1	58	46	104	69	44.23	cps
Calcium	43-1	9243076	9278892	9346185	9289384	0.56	cps
Calcium	44-1	152239928	152893633	153023745	152719102	0.28	cps
Chromium	52-2	3674	3594	3887	3718	4.08	cps
Cobalt	59-2	2404	2120	2134	2219	7.21	cps
Copper	63-2	4824	4928	4984	4912	1.65	cps
Dysprosium	156-1	92	83	83	86	5.58	cps
Dysprosium	156-2	10	17	23	17	39.99	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	3	3	20	9	108.30	cps
Gadolinium	160-1	92	117	75	94	22.21	cps
Gadolinium	160-2	27	20	30	26	19.92	cps
Holmium	165-1	8467383	8401212	8390839	8419811	0.49	cps
Holmium	165-2	1811618	1782461	1798960	1797680	0.81	cps
Indium	115-1	6633221	6596566	6605856	6611881	0.29	cps
Indium	115-2	286092	282895	283872	284286	0.58	cps
Iron	56-2	138801484	139174884	140004178	139326848	0.44	cps
Iron	57-2	3551284	3553457	3549698	3551480	0.05	cps
Lead	206-1	12039	11956	11800	11932	1.02	cps
Lead	207-1	10104	10138	9854	10032	1.54	cps
Lead	208-1	46634	46351	45945	46310	0.75	cps
Lithium	6-1	527920	524223	518695	523613	0.89	cps
Magnesium	24-2	14000895	14040119	14178536	14073183	0.66	cps
Manganese	55-2	1290	1160	1127	1192	7.24	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:32:19	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4809	4768	4418	4665	4.61	cps
Molybdenum	95-1	4834	5060	4834	4909	2.65	cps
Molybdenum	96-1	8103	8203	7719	8008	3.19	cps
Molybdenum	97-1	3126	3251	2875	3084	6.19	cps
Molybdenum	98-1	7753	7436	7602	7597	2.09	cps
Neodymium	150-1	147	93	73	104	36.29	cps
Neodymium	150-2	13	13	30	19	50.96	cps
Nickel	60-2	1483	1470	1493	1482	0.79	cps
Phosphorus	31-2	25	25	8	19	49.50	cps
Potassium	39-2	4104319	4077677	4182040	4121345	1.32	cps
Rhodium	103-1	5883418	5848301	5856616	5862778	0.31	cps
Rhodium	103-2	1553611	1551876	1540476	1548654	0.46	cps
Scandium	45-1	3395456	3421903	3409495	3408951	0.39	cps
Scandium	45-2	29541	29023	29097	29220	0.96	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	72	33	70	59	37.52	cps
Silicon	28-1	380319	371472	370848	374213	1.42	cps
Silver	109-1	1875	1692	1608	1725	7.91	cps
Silver	107-1	2134	1992	1667	1931	12.39	cps
Sodium	23-2	34264234	34269187	34676825	34403415	0.69	cps
Strontium	86-1	91632	91706	89729	91022	1.23	cps
Strontium	88-1	782492	781470	788934	784299	0.52	cps
Sulfur	34-1	318941	320893	319792	319876	0.31	cps
Terbium	159-1	8762548	8691667	8669214	8707810	0.56	cps
Terbium	159-2	1736707	1731223	1751383	1739771	0.60	cps
Thallium	203-1	3467	3184	2342	2998	19.52	cps
Thallium	205-1	7352	7136	6644	7044	5.16	cps
Tin	118-1	7594	7077	6844	7172	5.35	cps
Titanium	47-1	858	833	950	881	6.98	cps
Uranium	238-1	4593	3867	3334	3931	16.07	cps
Vanadium	51-2	210	210	173	198	10.70	cps
Yttrium	89-1	7040146	6990976	6975011	7002044	0.48	cps
Yttrium	89-2	214855	213880	214894	214543	0.27	cps
Zinc	66-2	1417	1453	1400	1423	1.92	cps
Zirconium	90-1	4918	4884	4234	4679	8.24	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:32:19	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1133	1092	833	1020	15.94	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:41:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3125	3184	3034	3114	2.43	cps
Antimony	121-1	2090590	2082953	2083968	2085837	0.20	cps
Arsenic	75-2	21981	21580	21825	21795	0.93	cps
Barium	135-1	211440	208018	211090	210183	0.90	cps
Barium	137-1	369645	366335	363256	366412	0.87	cps
Beryllium	9-1	88454	88593	89739	88929	0.79	cps
Bismuth	209-1	5146513	5098646	5150240	5131800	0.56	cps
Bismuth	209-2	1430796	1420101	1316691	1389196	4.54	cps
Boron	10-1	52949	52865	55299	53704	2.57	cps
Boron	11-1	250321	252870	257294	253495	1.39	cps
Cadmium	111-1	230886	230299	233320	231502	0.69	cps
Cadmium	106-1	36049	34788	35247	35361	1.81	cps
Cadmium	108-1	20211	20353	20533	20366	0.79	cps
Calcium	43-1	43168	44965	44781	44304	2.23	cps
Calcium	44-1	704819	713408	713163	710464	0.69	cps
Chromium	52-2	86502	88206	87753	87487	1.01	cps
Cobalt	59-2	195676	195162	194312	195050	0.35	cps
Copper	63-2	172610	170241	171935	171596	0.71	cps
Dysprosium	156-1	0	42	8	17	132.30	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	50	75	33	53	39.74	cps
Gadolinium	160-2	17	17	10	14	26.66	cps
Holmium	165-1	8542553	8561185	8554993	8552910	0.11	cps
Holmium	165-2	1836911	1840403	1690119	1789144	4.79	cps
Indium	115-1	7114685	7189721	7208978	7171128	0.69	cps
Indium	115-2	305723	301638	279249	295537	4.82	cps
Iron	56-2	609089	603659	598978	603909	0.84	cps
Iron	57-2	15498	15348	14742	15196	2.63	cps
Lead	206-1	1168241	1177377	1173633	1173084	0.39	cps
Lead	207-1	1016294	1031313	1025982	1024530	0.74	cps
Lead	208-1	4741426	4787655	4750965	4760015	0.51	cps
Lithium	6-1	575555	574079	573576	574403	0.18	cps
Magnesium	24-2	36289	36464	35963	36239	0.70	cps
Manganese	55-2	24368	24862	23660	24297	2.49	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:41:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4060541	4053692	4041076	4051770	0.24	cps
Molybdenum	95-1	2203744	2186522	2208230	2199499	0.52	cps
Molybdenum	96-1	2836225	2851296	2848572	2845364	0.28	cps
Molybdenum	97-1	1345125	1347682	1341140	1344649	0.25	cps
Molybdenum	98-1	3520025	3551236	3558650	3543304	0.58	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	58629	59128	58312	58690	0.70	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	38144	37685	38295	38041	0.84	cps
Rhodium	103-1	6625965	6659955	6652016	6645979	0.27	cps
Rhodium	103-2	1775518	1731814	1615829	1707720	4.83	cps
Scandium	45-1	3705884	3662895	3712136	3693638	0.73	cps
Scandium	45-2	31128	31693	28894	30571	4.84	cps
Selenium	77-2	130	187	123	147	23.73	cps
Selenium	78-2	583	550	576	570	3.07	cps
Selenium	82-1	26949	26891	27073	26971	0.34	cps
Silicon	28-1	1970173	1953670	1949887	1957910	0.55	cps
Silver	109-1	1032100	1031826	1026372	1030099	0.31	cps
Silver	107-1	1084430	1083682	1087785	1085299	0.20	cps
Sodium	23-2	150150	151347	149343	150280	0.67	cps
Strontium	86-1	1404517	1401822	1401941	1402760	0.11	cps
Strontium	88-1	12078639	12001971	12043984	12041532	0.32	cps
Sulfur	34-1	321573	321602	316896	320024	0.85	cps
Terbium	159-1	8966099	8848512	8945382	8919997	0.70	cps
Terbium	159-2	1806032	1787119	1658221	1750457	4.60	cps
Thallium	203-1	1469936	1474942	1480096	1474991	0.34	cps
Thallium	205-1	3570008	3571137	3603549	3581565	0.53	cps
Tin	118-1	3736715	3741269	3774524	3750836	0.55	cps
Titanium	47-1	508142	514291	517162	513198	0.90	cps
Uranium	238-1	11746593	11569363	11777591	11697849	0.96	cps
Vanadium	51-2	64933	64384	65727	65014	1.04	cps
Yttrium	89-1	7487671	7390407	7468816	7448964	0.69	cps
Yttrium	89-2	228543	224564	207419	220175	5.10	cps
Zinc	66-2	30039	30093	30313	30148	0.48	cps
Zirconium	90-1	7615048	7638105	7557645	7603599	0.54	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:41:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1739305	1730282	1712414	1727333	0.79	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 13:47:04 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	883	742	783	803	9.07	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	92	100	75	89	14.33	cps
Beryllium	9-1	139	94	89	107	25.51	cps
Bismuth	209-1	5382919	5352527	5327261	5354235	0.52	cps
Bismuth	209-2	1472949	1469378	1465464	1469264	0.25	cps
Boron	10-1	1483	1208	1175	1289	13.13	cps
Boron	11-1	5993	6260	6227	6160	2.36	cps
Cadmium	111-1	1109	1181	1060	1117	5.48	cps
Cadmium	106-1	1567	1659	1508	1578	4.79	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	1850	1867	1558	1759	9.86	cps
Calcium	44-1	33174	32347	32372	32631	1.44	cps
Chromium	52-2	743	747	757	749	0.93	cps
Cobalt	59-2	30	43	23	32	31.61	cps
Copper	63-2	163	167	203	178	12.48	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	8	50	22	108.27	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	50	83	83	72	26.65	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	8867173	8794943	8761376	8807830	0.61	cps
Holmium	165-2	1909967	1911029	1896481	1905825	0.43	cps
Indium	115-1	7619419	7520450	7418640	7519503	1.34	cps
Indium	115-2	322806	321043	322214	322021	0.28	cps
Iron	56-2	1995	2106	2078	2059	2.81	cps
Iron	57-2	56	50	56	54	5.98	cps
Lead	206-1	700	722	706	709	1.63	cps
Lead	207-1	639	483	606	576	14.22	cps
Lead	208-1	3050	2656	2711	2806	7.61	cps
Lithium	6-1	595691	592004	588278	591991	0.63	cps
Magnesium	24-2	125	183	167	158	18.97	cps
Manganese	55-2	23	30	30	28	13.86	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:47:04	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	400	308	322	22.30	cps
Molybdenum	95-1	225	183	208	206	10.20	cps
Molybdenum	96-1	292	283	342	306	10.33	cps
Molybdenum	97-1	100	175	175	150	28.87	cps
Molybdenum	98-1	292	242	142	225	33.94	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	127	120	134	14.53	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	2717	2684	2600	2667	2.25	cps
Rhodium	103-1	6995742	7029669	6864905	6963439	1.25	cps
Rhodium	103-2	1812626	1801202	1812985	1808938	0.37	cps
Scandium	45-1	3830968	3858007	3815095	3834690	0.57	cps
Scandium	45-2	32448	32127	32448	32341	0.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-14	-16	74	15	344.08	cps
Silicon	28-1	327936	331177	329899	329671	0.50	cps
Silver	109-1	125	142	108	125	13.33	cps
Silver	107-1	158	208	167	178	15.07	cps
Sodium	23-2	5701	5135	5360	5398	5.29	cps
Strontium	86-1	850	1008	800	886	12.27	cps
Strontium	88-1	275	225	167	222	24.40	cps
Sulfur	34-1	315679	317485	318070	317078	0.39	cps
Terbium	159-1	9237559	9227272	9217085	9227305	0.11	cps
Terbium	159-2	1856110	1842617	1849579	1849435	0.36	cps
Thallium	203-1	325	258	325	303	12.71	cps
Thallium	205-1	817	567	750	711	18.20	cps
Tin	118-1	2042	2134	2117	2098	2.33	cps
Titanium	47-1	83	100	108	97	13.09	cps
Uranium	238-1	308	217	242	256	18.54	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Yttrium	89-1	7787470	7728341	7719840	7745217	0.48	cps
Yttrium	89-2	234429	233875	236787	235030	0.66	cps
Zinc	66-2	27	40	33	33	20.00	cps
Zirconium	90-1	667	567	642	625	8.33	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:47:04	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	175	100	156	31.39	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:50:13	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	545476	547869	546960	546768	0.22	cps
Antimony	121-1	11889	12248	12665	12267	3.16	cps
Arsenic	75-2	50	30	39	40	25.82	cps
Barium	135-1	3451	3359	3184	3331	4.07	cps
Barium	137-1	5168	5568	5685	5474	4.95	cps
Beryllium	9-1	300	394	339	344	13.78	cps
Bismuth	209-1	4919925	5080182	5056098	5018735	1.72	cps
Bismuth	209-2	1331374	1324333	1313745	1323151	0.67	cps
Boron	10-1	1458	1350	1092	1300	14.49	cps
Boron	11-1	6235	6243	6335	6271	0.89	cps
Cadmium	111-1	1502	1443	1593	1513	4.99	cps
Cadmium	106-1	1317	1417	1383	1372	3.71	cps
Cadmium	108-1	1088	1004	1054	1049	4.00	cps
Calcium	43-1	1935300	1939893	1914065	1929753	0.71	cps
Calcium	44-1	31116260	31422686	31201917	31246955	0.51	cps
Chromium	52-2	17771	18139	18169	18026	1.23	cps
Cobalt	59-2	2477	2367	2227	2357	5.32	cps
Copper	63-2	12809	13263	12996	13023	1.75	cps
Dysprosium	156-1	8	42	50	33	66.15	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	83	83	67	78	12.37	cps
Gadolinium	160-2	17	10	23	17	39.99	cps
Holmium	165-1	8580411	8778824	8613932	8657723	1.23	cps
Holmium	165-2	1834799	1800401	1797029	1810743	1.15	cps
Indium	115-1	6970079	7129573	7062358	7054003	1.14	cps
Indium	115-2	295319	292804	293640	293921	0.44	cps
Iron	56-2	58093585	57316247	57264958	57558263	0.81	cps
Iron	57-2	1473486	1472876	1459968	1468777	0.52	cps
Lead	206-1	28081	27341	27820	27747	1.35	cps
Lead	207-1	21880	21346	21430	21552	1.33	cps
Lead	208-1	102270	102100	102188	102186	0.08	cps
Lithium	6-1	559887	565085	566086	563686	0.59	cps
Magnesium	24-2	2938976	2922904	2973665	2945182	0.88	cps
Manganese	55-2	2080	1954	1863	1966	5.54	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:50:13	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4630683	4729740	4692778	4684400	1.07	cps
Molybdenum	95-1	8128590	8217351	8212022	8185988	0.61	cps
Molybdenum	96-1	8779114	8927237	8884897	8863749	0.86	cps
Molybdenum	97-1	5090945	5189025	5145989	5141986	0.96	cps
Molybdenum	98-1	13135552	13273375	13245420	13218115	0.55	cps
Neodymium	150-1	13	20	80	38	97.20	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	3180	3000	2967	3049	3.76	cps
Phosphorus	31-2	42724	42214	41646	42194	1.28	cps
Potassium	39-2	1731699	1711843	1718219	1720587	0.59	cps
Rhodium	103-1	6321664	6372315	6368601	6354193	0.44	cps
Rhodium	103-2	1636802	1641597	1635137	1637845	0.20	cps
Scandium	45-1	3599041	3675081	3617436	3630519	1.09	cps
Scandium	45-2	30052	29812	30206	30023	0.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	9	6	6	66.68	cps
Selenium	82-1	-61	-23	-89	-58	-57.72	cps
Silicon	28-1	434013	443257	444930	440733	1.33	cps
Silver	109-1	1692	1750	1700	1714	1.84	cps
Silver	107-1	1550	1834	1734	1706	8.43	cps
Sodium	23-2	7095702	7066535	7087035	7083091	0.21	cps
Strontium	86-1	91137	93318	92436	92297	1.19	cps
Strontium	88-1	792894	795599	788379	792291	0.46	cps
Sulfur	34-1	2407213	2398757	2389134	2398368	0.38	cps
Terbium	159-1	8881914	9137673	9006772	9008786	1.42	cps
Terbium	159-2	1737553	1764005	1734026	1745194	0.94	cps
Thallium	203-1	900	1058	933	964	8.66	cps
Thallium	205-1	1975	2109	2084	2056	3.45	cps
Tin	118-1	2825	3000	2809	2878	3.69	cps
Titanium	47-1	1983263	1958568	1986191	1976007	0.77	cps
Uranium	238-1	542	483	492	506	6.24	cps
Vanadium	51-2	120	80	107	102	19.92	cps
Yttrium	89-1	7412625	7465423	7425770	7434606	0.37	cps
Yttrium	89-2	220919	219626	218848	219798	0.48	cps
Zinc	66-2	1787	1723	1683	1731	3.01	cps
Zirconium	90-1	2942	2834	3117	2964	4.82	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:50:13	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	750	767	725	747	2.81	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:53:19	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543799	544267	540567	542878	0.37	cps
Antimony	121-1	218058	216959	217620	217546	0.25	cps
Arsenic	75-2	2128	1967	2035	2043	3.96	cps
Barium	135-1	46157	45547	46575	46093	1.12	cps
Barium	137-1	80159	79824	79917	79967	0.22	cps
Beryllium	9-1	18418	18629	18991	18679	1.55	cps
Bismuth	209-1	5011969	4998775	5017734	5009493	0.19	cps
Bismuth	209-2	1327194	1130444	1306455	1254698	8.62	cps
Boron	10-1	6710	6410	6727	6616	2.70	cps
Boron	11-1	31377	31745	32705	31942	2.15	cps
Cadmium	111-1	46613	46263	45924	46267	0.75	cps
Cadmium	106-1	7119	7027	6210	6785	7.37	cps
Cadmium	108-1	4301	4488	4497	4429	2.50	cps
Calcium	43-1	1928757	1934891	1901646	1921765	0.92	cps
Calcium	44-1	31412147	31216667	31537172	31388662	0.51	cps
Chromium	52-2	34897	34777	35024	34899	0.35	cps
Cobalt	59-2	39212	40251	40325	39929	1.56	cps
Copper	63-2	45755	46414	46468	46212	0.86	cps
Dysprosium	156-1	75	25	33	44	60.28	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	92	42	42	58	49.48	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	100	67	117	94	26.96	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	8690443	8615598	8570228	8625423	0.70	cps
Holmium	165-2	1788419	1511117	1761853	1687130	9.07	cps
Indium	115-1	7019349	7004814	7003191	7009118	0.13	cps
Indium	115-2	293933	248045	285918	275965	8.88	cps
Iron	56-2	57031217	57226425	56926698	57061447	0.27	cps
Iron	57-2	1457121	1476784	1481800	1471902	0.89	cps
Lead	206-1	146525	145378	144321	145408	0.76	cps
Lead	207-1	121078	119390	122608	121025	1.33	cps
Lead	208-1	559462	557881	562427	559923	0.41	cps
Lithium	6-1	562034	563257	561207	562166	0.18	cps
Magnesium	24-2	2926558	2927393	2909908	2921286	0.34	cps
Manganese	55-2	6358	6902	6808	6689	4.34	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:53:19	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5102645	5115182	5055902	5091243	0.61	cps
Molybdenum	95-1	8323765	8413574	8422508	8386616	0.65	cps
Molybdenum	96-1	9073703	9076249	9182161	9110704	0.68	cps
Molybdenum	97-1	5233808	5290971	5254743	5259841	0.55	cps
Molybdenum	98-1	13473561	13602644	13686348	13587517	0.79	cps
Neodymium	150-1	67	53	33	51	32.83	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	14444	14004	14334	14261	1.61	cps
Phosphorus	31-2	42139	40727	41529	41465	1.71	cps
Potassium	39-2	1701529	1708417	1699150	1703032	0.28	cps
Rhodium	103-1	6363697	6401965	6368872	6378178	0.33	cps
Rhodium	103-2	1654141	1389300	1577298	1540247	8.85	cps
Scandium	45-1	3622032	3624836	3606373	3617747	0.28	cps
Scandium	45-2	30751	25578	29227	28519	9.32	cps
Selenium	77-2	23	17	27	22	22.91	cps
Selenium	78-2	59	63	57	60	4.72	cps
Selenium	82-1	2545	2599	2480	2542	2.35	cps
Silicon	28-1	625314	626038	632210	627854	0.60	cps
Silver	109-1	195306	199008	196337	196884	0.97	cps
Silver	107-1	201156	203365	205316	203279	1.02	cps
Sodium	23-2	7103431	7097001	7047165	7082532	0.43	cps
Strontium	86-1	237354	240271	240228	239284	0.70	cps
Strontium	88-1	2061139	2081020	2096239	2079466	0.85	cps
Sulfur	34-1	2379008	2371448	2351105	2367187	0.61	cps
Terbium	159-1	8983977	8993468	8944950	8974132	0.29	cps
Terbium	159-2	1742864	1449945	1683114	1625308	9.52	cps
Thallium	203-1	147237	145222	145618	146026	0.73	cps
Thallium	205-1	348053	345833	349837	347908	0.58	cps
Tin	118-1	384266	380695	383419	382793	0.49	cps
Titanium	47-1	2020642	2017190	2005586	2014473	0.39	cps
Uranium	238-1	1140788	1137168	1146405	1141453	0.41	cps
Vanadium	51-2	12683	13290	12579	12851	2.99	cps
Yttrium	89-1	7436273	7445020	7355891	7412395	0.66	cps
Yttrium	89-2	218354	185291	213997	205881	8.73	cps
Zinc	66-2	4584	4594	4511	4563	1.00	cps
Zirconium	90-1	805355	801926	800590	802624	0.31	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:53:19	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175046	177967	176851	176621	0.83	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:56:24	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297359	300674	299601	299211	0.57	cps
Antimony	121-1	5168463	5220932	5231787	5207061	0.65	cps
Arsenic	75-2	53042	53179	52849	53023	0.31	cps
Barium	135-1	5365170	5366881	5373272	5368441	0.08	cps
Barium	137-1	9340622	9422823	9205209	9322885	1.18	cps
Beryllium	9-1	446086	451875	451303	449755	0.71	cps
Bismuth	209-1	4956661	4991467	5037392	4995173	0.81	cps
Bismuth	209-2	1347372	1329027	1325071	1333823	0.89	cps
Boron	10-1	54095	55542	55826	55154	1.68	cps
Boron	11-1	254748	261143	260769	258887	1.39	cps
Cadmium	111-1	1086701	1091083	1088061	1088615	0.21	cps
Cadmium	106-1	111140	112618	110829	111529	0.86	cps
Cadmium	108-1	75560	76055	75686	75767	0.34	cps
Calcium	43-1	4727122	4750126	4745940	4741063	0.26	cps
Calcium	44-1	77971220	77552493	77551658	77691791	0.31	cps
Chromium	52-2	431377	434356	434210	433314	0.39	cps
Cobalt	59-2	924697	925705	924647	925016	0.06	cps
Copper	63-2	1619934	1620019	1626981	1622312	0.25	cps
Dysprosium	156-1	158	117	92	122	27.56	cps
Dysprosium	156-2	20	23	30	24	20.83	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	200	100	125	142	36.74	cps
Gadolinium	160-2	20	30	30	27	21.65	cps
Holmium	165-1	8574956	8652238	8592449	8606548	0.47	cps
Holmium	165-2	1838225	1801135	1803012	1814124	1.15	cps
Indium	115-1	6775971	6831031	6858912	6821971	0.62	cps
Indium	115-2	291498	288068	285429	288332	1.06	cps
Iron	56-2	70978147	71186168	70511310	70891875	0.49	cps
Iron	57-2	1851697	1853846	1812159	1839234	1.28	cps
Lead	206-1	2939130	2963813	2985161	2962702	0.78	cps
Lead	207-1	2731767	2725534	2709790	2722364	0.42	cps
Lead	208-1	12019778	12164472	12064870	12083040	0.61	cps
Lithium	6-1	546818	556398	556013	553077	0.98	cps
Magnesium	24-2	7326350	7275855	7318076	7306760	0.37	cps
Manganese	55-2	239589	241084	237674	239449	0.71	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:56:24	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4031334	4021466	4109524	4054108	1.19	cps
Molybdenum	95-1	2196103	2181869	2188815	2188929	0.33	cps
Molybdenum	96-1	2832721	2853507	2842838	2843022	0.37	cps
Molybdenum	97-1	1332584	1330745	1328492	1330607	0.15	cps
Molybdenum	98-1	3448099	3517134	3487309	3484181	0.99	cps
Neodymium	150-1	240	233	253	242	4.20	cps
Neodymium	150-2	17	13	3	11	62.48	cps
Nickel	60-2	271273	272597	272082	271984	0.25	cps
Phosphorus	31-2	4501	4251	4759	4504	5.65	cps
Potassium	39-2	2162948	2193389	2151337	2169225	1.00	cps
Rhodium	103-1	6164287	6160030	6142566	6155628	0.19	cps
Rhodium	103-2	1645195	1617693	1575936	1612941	2.16	cps
Scandium	45-1	3565065	3606219	3579883	3583722	0.58	cps
Scandium	45-2	30700	30864	29875	30480	1.74	cps
Selenium	77-2	403	440	367	403	9.09	cps
Selenium	78-2	1304	1272	1278	1285	1.31	cps
Selenium	82-1	64858	65181	65384	65141	0.41	cps
Silicon	28-1	2012064	2007422	2020289	2013259	0.32	cps
Silver	109-1	5122472	5117345	5110332	5116717	0.12	cps
Silver	107-1	5222952	5251068	5201479	5225167	0.48	cps
Sodium	23-2	17711121	17908362	17849704	17823062	0.57	cps
Strontium	86-1	1420084	1411812	1420078	1417325	0.34	cps
Strontium	88-1	12199101	12241355	12127362	12189273	0.47	cps
Sulfur	34-1	563418	567639	564614	565224	0.38	cps
Terbium	159-1	8875373	8944431	8983214	8934339	0.61	cps
Terbium	159-2	1777596	1754771	1740779	1757715	1.06	cps
Thallium	203-1	3652003	3704775	3660915	3672564	0.77	cps
Thallium	205-1	8528454	8650437	8647145	8608678	0.81	cps
Tin	118-1	3603544	3622761	3604847	3610384	0.30	cps
Titanium	47-1	500505	501596	504623	502241	0.42	cps
Uranium	238-1	11117087	11163346	11161363	11147265	0.23	cps
Vanadium	51-2	325955	326536	327327	326606	0.21	cps
Yttrium	89-1	7321169	7329828	7417536	7356177	0.72	cps
Yttrium	89-2	224649	220124	218630	221135	1.42	cps
Zinc	66-2	140627	141863	140756	141082	0.48	cps
Zirconium	90-1	7614366	7680520	7641948	7645611	0.43	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 13:56:24	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1718832	1725442	1735205	1726493	0.48	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P8
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 14:11:13 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	58	8	25	115.49	cps
Antimony	121-1	567	483	683	578	17.39	cps
Arsenic	75-2	2	0	4	2	100.00	cps
Barium	135-1	50	42	75	56	31.22	cps
Barium	137-1	83	100	75	86	14.78	cps
Beryllium	9-1	78	72	61	70	12.06	cps
Bismuth	209-1	5202244	5261749	5155064	5206352	1.03	cps
Bismuth	209-2	1421146	1413693	1307148	1380662	4.62	cps
Boron	10-1	608	533	517	553	8.83	cps
Boron	11-1	2867	2750	2975	2864	3.93	cps
Cadmium	111-1	949	1036	1006	997	4.45	cps
Cadmium	106-1	1358	1483	1442	1428	4.46	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	1750	1742	1734	1742	0.48	cps
Calcium	44-1	33550	32555	32029	32711	2.36	cps
Chromium	52-2	607	683	743	678	10.11	cps
Cobalt	59-2	47	33	30	37	24.06	cps
Copper	63-2	193	213	247	218	12.37	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	58	75	17	50	60.09	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	8630554	8667741	8505577	8601291	0.99	cps
Holmium	165-2	1862639	1863221	1722497	1816119	4.46	cps
Indium	115-1	7359041	7312370	7255082	7308831	0.71	cps
Indium	115-2	316163	313685	293284	307711	4.08	cps
Iron	56-2	2084	2111	2161	2119	1.86	cps
Iron	57-2	56	100	78	78	28.57	cps
Lead	206-1	461	500	589	517	12.68	cps
Lead	207-1	522	489	461	491	6.23	cps
Lead	208-1	2250	2150	2217	2206	2.31	cps
Lithium	6-1	585212	582136	575643	580997	0.84	cps
Magnesium	24-2	258	167	183	203	24.08	cps
Manganese	55-2	40	30	30	33	17.32	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:11:13	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	333	400	378	10.19	cps
Molybdenum	95-1	200	217	233	217	7.69	cps
Molybdenum	96-1	250	242	350	281	21.49	cps
Molybdenum	97-1	125	200	208	178	25.81	cps
Molybdenum	98-1	217	192	208	206	6.19	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	70	163	130	121	39.05	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2825	2842	3042	2903	4.15	cps
Rhodium	103-1	6804156	6790051	6725764	6773324	0.62	cps
Rhodium	103-2	1739808	1763502	1643057	1715456	3.72	cps
Scandium	45-1	3772217	3728189	3721080	3740495	0.74	cps
Scandium	45-2	30918	31355	29308	30527	3.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-83	25	-62	-40	-142.55	cps
Silicon	28-1	333669	325954	326883	328835	1.28	cps
Silver	109-1	133	200	192	175	20.76	cps
Silver	107-1	200	142	167	169	17.27	cps
Sodium	23-2	5226	5685	5960	5624	6.59	cps
Strontium	86-1	892	975	1050	972	8.15	cps
Strontium	88-1	267	183	275	242	20.98	cps
Sulfur	34-1	308432	305178	306369	306660	0.54	cps
Terbium	159-1	9012329	9024660	9019202	9018731	0.07	cps
Terbium	159-2	1779675	1791795	1652531	1741334	4.43	cps
Thallium	203-1	175	208	133	172	21.82	cps
Thallium	205-1	392	442	400	411	6.52	cps
Tin	118-1	1425	1425	1417	1422	0.34	cps
Titanium	47-1	142	100	108	117	18.89	cps
Uranium	238-1	75	42	58	58	28.57	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Yttrium	89-1	7724100	7696301	7520026	7646809	1.45	cps
Yttrium	89-2	228056	229157	212026	223080	4.30	cps
Zinc	66-2	33	17	20	23	37.78	cps
Zirconium	90-1	817	767	767	783	3.68	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:11:13	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	125	192	169	22.71	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:14:22	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	58	42	94	81.98	cps
Antimony	121-1	19891	19231	19515	19546	1.69	cps
Arsenic	75-2	137	100	94	110	20.95	cps
Barium	135-1	18914	19031	18714	18886	0.85	cps
Barium	137-1	32925	33393	32474	32931	1.40	cps
Beryllium	9-1	883	839	867	863	2.60	cps
Bismuth	209-1	4966900	4957710	5004456	4976355	0.50	cps
Bismuth	209-2	1385834	1375789	1372624	1378082	0.50	cps
Boron	10-1	2950	2909	2792	2884	2.85	cps
Boron	11-1	13307	13198	13290	13265	0.44	cps
Cadmium	111-1	3237	3373	3361	3324	2.27	cps
Cadmium	106-1	1784	1725	1809	1772	2.41	cps
Cadmium	108-1	154	121	163	146	15.12	cps
Calcium	43-1	11113	10896	10421	10810	3.28	cps
Calcium	44-1	178496	180032	179820	179449	0.46	cps
Chromium	52-2	2357	2447	2614	2472	5.27	cps
Cobalt	59-2	1810	1880	1823	1838	2.02	cps
Copper	63-2	3584	3521	3714	3606	2.73	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	33	58	47	26.97	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	50	58	33	47	26.97	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	8299954	8401771	8351080	8350935	0.61	cps
Holmium	165-2	1820405	1830088	1820260	1823584	0.31	cps
Indium	115-1	7247743	7182358	7128125	7186075	0.83	cps
Indium	115-2	310083	311534	311867	311161	0.30	cps
Iron	56-2	30623	30551	29548	30241	1.99	cps
Iron	57-2	722	822	822	789	7.32	cps
Lead	206-1	6391	6635	6485	6504	1.90	cps
Lead	207-1	6152	5824	5607	5861	4.68	cps
Lead	208-1	27068	26890	25939	26632	2.28	cps
Lithium	6-1	560594	566054	565468	564039	0.53	cps
Magnesium	24-2	14291	13966	13916	14057	1.45	cps
Manganese	55-2	280	310	263	284	8.31	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:14:22	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16502	16911	15735	16383	3.65	cps
Molybdenum	95-1	18889	19256	18638	18928	1.64	cps
Molybdenum	96-1	22503	21676	21635	21938	2.23	cps
Molybdenum	97-1	12398	11756	11806	11986	2.98	cps
Molybdenum	98-1	31813	30377	32298	31496	3.17	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	660	733	757	717	7.04	cps
Phosphorus	31-2	17	0	25	14	91.65	cps
Potassium	39-2	10813	10838	11947	11199	5.78	cps
Rhodium	103-1	6659318	6639945	6574970	6624745	0.67	cps
Rhodium	103-2	1755744	1731471	1745917	1744377	0.70	cps
Scandium	45-1	3698106	3676779	3724442	3699776	0.65	cps
Scandium	45-2	32000	30991	31225	31405	1.68	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	22	7	13	14	52.70	cps
Selenium	82-1	632	614	531	592	9.08	cps
Silicon	28-1	378812	372305	376587	375901	0.88	cps
Silver	109-1	12314	13441	13107	12954	4.47	cps
Silver	107-1	13391	13215	13849	13485	2.43	cps
Sodium	23-2	39030	39899	39263	39397	1.14	cps
Strontium	86-1	3717	3842	3184	3581	9.77	cps
Strontium	88-1	21702	22495	23187	22461	3.31	cps
Sulfur	34-1	311215	309846	309381	310147	0.31	cps
Terbium	159-1	8641359	8745024	8730129	8705504	0.64	cps
Terbium	159-2	1781000	1777824	1778822	1779215	0.09	cps
Thallium	203-1	6085	6952	6944	6660	7.48	cps
Thallium	205-1	15719	16186	15894	15933	1.48	cps
Tin	118-1	34312	34579	35064	34651	1.10	cps
Titanium	47-1	4826	4709	4593	4709	2.48	cps
Uranium	238-1	19132	18665	19650	19149	2.57	cps
Vanadium	51-2	2940	3100	2894	2978	3.64	cps
Yttrium	89-1	7441716	7526347	7503271	7490445	0.58	cps
Yttrium	89-2	227440	228237	227082	227586	0.26	cps
Zinc	66-2	297	353	337	329	8.85	cps
Zirconium	90-1	14558	13624	14116	14100	3.32	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:14:22	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3126	3084	2900	3037	3.94	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:17:31	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	17	33	50.00	cps
Antimony	121-1	2892	3025	2959	2959	2.25	cps
Arsenic	75-2	46	33	39	40	16.47	cps
Barium	135-1	3259	3025	2992	3092	4.70	cps
Barium	137-1	4851	4918	5143	4971	3.08	cps
Beryllium	9-1	294	306	350	317	9.28	cps
Bismuth	209-1	5187108	5235542	5245070	5222574	0.60	cps
Bismuth	209-2	1399266	1458677	1454725	1437556	2.31	cps
Boron	10-1	583	492	592	556	9.99	cps
Boron	11-1	2317	2617	2725	2553	8.29	cps
Cadmium	111-1	1583	1875	1630	1696	9.23	cps
Cadmium	106-1	1450	1800	1492	1581	12.10	cps
Cadmium	108-1	33	63	63	53	31.91	cps
Calcium	43-1	2225	2325	2184	2245	3.24	cps
Calcium	44-1	40702	40443	41086	40744	0.79	cps
Chromium	52-2	870	887	1023	927	9.08	cps
Cobalt	59-2	577	587	547	570	3.65	cps
Copper	63-2	1250	1137	1317	1235	7.37	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	58	67	53	32.88	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	58	92	58	69	27.71	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	8528212	8711748	8652920	8630960	1.09	cps
Holmium	165-2	1847351	1898985	1903088	1883141	1.65	cps
Indium	115-1	7385459	7543814	7430877	7453384	1.09	cps
Indium	115-2	313237	328715	324200	322051	2.47	cps
Iron	56-2	10710	9965	10654	10443	3.97	cps
Iron	57-2	289	306	322	306	5.46	cps
Lead	206-1	2317	2273	2234	2274	1.83	cps
Lead	207-1	2000	2050	1995	2015	1.52	cps
Lead	208-1	9029	9040	8790	8953	1.58	cps
Lithium	6-1	583429	585702	584102	584411	0.20	cps
Magnesium	24-2	917	967	1000	961	4.36	cps
Manganese	55-2	180	177	197	184	5.81	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:17:31	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2284	2267	2392	2314	2.93	cps
Molybdenum	95-1	1125	1058	1317	1167	11.50	cps
Molybdenum	96-1	1625	1625	1650	1634	0.88	cps
Molybdenum	97-1	892	942	825	886	6.61	cps
Molybdenum	98-1	2034	1942	2017	1997	2.44	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	300	273	323	299	8.37	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	3050	2850	3201	3034	5.79	cps
Rhodium	103-1	6838323	6962608	6927971	6909634	0.93	cps
Rhodium	103-2	1755766	1833723	1796223	1795237	2.17	cps
Scandium	45-1	3817170	3812891	3832563	3820875	0.27	cps
Scandium	45-2	31489	33029	32615	32377	2.46	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	11	4	7	7	50.02	cps
Selenium	82-1	328	198	137	221	44.21	cps
Silicon	28-1	320544	328493	325692	324909	1.24	cps
Silver	109-1	3059	3151	2909	3039	4.02	cps
Silver	107-1	3326	3192	3125	3214	3.17	cps
Sodium	23-2	7010	6852	7019	6960	1.35	cps
Strontium	86-1	1742	1775	1567	1695	6.60	cps
Strontium	88-1	6702	6860	7169	6910	3.44	cps
Sulfur	34-1	309605	308447	309366	309140	0.20	cps
Terbium	159-1	9046350	9121209	9044262	9070607	0.48	cps
Terbium	159-2	1795479	1856187	1826841	1826169	1.66	cps
Thallium	203-1	2217	1834	2017	2022	9.48	cps
Thallium	205-1	4718	4768	4593	4693	1.92	cps
Tin	118-1	2884	3034	2700	2873	5.81	cps
Titanium	47-1	375	292	383	350	14.48	cps
Uranium	238-1	5727	5885	6243	5952	4.45	cps
Vanadium	51-2	213	203	167	194	12.64	cps
Yttrium	89-1	7820753	7713213	7840407	7791458	0.88	cps
Yttrium	89-2	230822	240501	237049	236124	2.08	cps
Zinc	66-2	90	157	120	122	27.32	cps
Zirconium	90-1	4226	4759	4126	4370	7.79	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-1	Instrumnet Name :	P8
Client Sample ID :	IDL-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:17:31	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	875	867	867	870	0.55	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-2	Instrumnet Name :	P8
Client Sample ID :	IDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:20:40	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	67	50	61	15.75	cps
Antimony	121-1	2850	2967	2850	2889	2.33	cps
Arsenic	75-2	44	30	33	36	21.53	cps
Barium	135-1	2634	2675	2809	2706	3.38	cps
Barium	137-1	4734	4851	4918	4834	1.92	cps
Beryllium	9-1	300	272	256	276	8.14	cps
Bismuth	209-1	5209203	5141810	5238545	5196519	0.95	cps
Bismuth	209-2	1468938	1322593	1437620	1409717	5.47	cps
Boron	10-1	542	500	475	506	6.66	cps
Boron	11-1	2184	2050	2375	2203	7.42	cps
Cadmium	111-1	1566	1513	1532	1537	1.74	cps
Cadmium	106-1	1408	1275	1475	1386	7.35	cps
Cadmium	108-1	58	54	96	69	33.05	cps
Calcium	43-1	2050	2550	2309	2303	10.86	cps
Calcium	44-1	40735	39833	41061	40543	1.57	cps
Chromium	52-2	977	923	973	958	3.12	cps
Cobalt	59-2	580	603	493	559	10.37	cps
Copper	63-2	1037	1097	1167	1100	5.92	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	8709300	8612647	8456273	8592740	1.49	cps
Holmium	165-2	1921410	1718910	1874093	1838138	5.76	cps
Indium	115-1	7542311	7366371	7485546	7464743	1.20	cps
Indium	115-2	325835	297383	324041	315753	5.05	cps
Iron	56-2	10565	10293	10060	10306	2.46	cps
Iron	57-2	244	172	239	219	18.39	cps
Lead	206-1	1895	2289	1917	2034	10.90	cps
Lead	207-1	1934	1911	1756	1867	5.19	cps
Lead	208-1	8274	8329	7996	8199	2.18	cps
Lithium	6-1	580030	581291	582351	581224	0.20	cps
Magnesium	24-2	1125	1067	842	1011	14.80	cps
Manganese	55-2	177	170	173	173	1.92	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-2	Instrumnet Name :	P8
Client Sample ID :	IDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:20:40	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2184	2159	2009	2117	4.47	cps
Molybdenum	95-1	1308	1192	1275	1258	4.78	cps
Molybdenum	96-1	1609	1817	1592	1672	7.50	cps
Molybdenum	97-1	833	775	883	831	6.53	cps
Molybdenum	98-1	2184	2009	1525	1906	17.90	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	303	297	312	6.86	cps
Phosphorus	31-2	8	25	33	22	57.30	cps
Potassium	39-2	3067	2650	3201	2973	9.65	cps
Rhodium	103-1	6925613	6952582	6869506	6915901	0.61	cps
Rhodium	103-2	1843761	1671896	1819326	1778328	5.23	cps
Scandium	45-1	3810267	3911287	3826980	3849511	1.41	cps
Scandium	45-2	32722	30567	32184	31824	3.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	2	17	12	72.94	cps
Selenium	82-1	241	279	194	238	17.84	cps
Silicon	28-1	325528	318402	326219	323383	1.34	cps
Silver	109-1	2925	2875	2709	2837	4.00	cps
Silver	107-1	2842	2875	3192	2970	6.51	cps
Sodium	23-2	6535	6802	7019	6785	3.57	cps
Strontium	86-1	1675	1800	1725	1734	3.63	cps
Strontium	88-1	7152	6585	7027	6921	4.30	cps
Sulfur	34-1	309495	311949	306841	309428	0.83	cps
Terbium	159-1	9168589	9046251	8974960	9063267	1.08	cps
Terbium	159-2	1859799	1698992	1831920	1796904	4.78	cps
Thallium	203-1	1859	2117	2042	2006	6.63	cps
Thallium	205-1	4609	4659	4935	4734	3.70	cps
Tin	118-1	2867	2650	2484	2667	7.21	cps
Titanium	47-1	400	350	358	369	7.25	cps
Uranium	238-1	5602	5485	5043	5376	5.48	cps
Vanadium	51-2	207	183	153	181	14.76	cps
Yttrium	89-1	7853828	7738064	7776879	7789590	0.76	cps
Yttrium	89-2	237072	217654	237115	230614	4.87	cps
Zinc	66-2	100	130	113	114	13.13	cps
Zirconium	90-1	4026	4243	4451	4240	5.01	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-2	Instrumnet Name :	P8
Client Sample ID :	IDL-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:20:40	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	992	875	958	942	6.38	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:23:50	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	83	50	50	66.67	cps
Antimony	121-1	3117	3084	2959	3053	2.73	cps
Arsenic	75-2	37	33	24	31	21.22	cps
Barium	135-1	3025	2909	2784	2906	4.16	cps
Barium	137-1	5510	5010	5035	5185	5.44	cps
Beryllium	9-1	378	328	322	343	8.93	cps
Bismuth	209-1	5152351	5098996	5244298	5165215	1.42	cps
Bismuth	209-2	1398281	1403805	1446038	1416041	1.84	cps
Boron	10-1	417	317	400	378	14.18	cps
Boron	11-1	2000	2217	2100	2106	5.15	cps
Cadmium	111-1	1666	1539	1536	1580	4.71	cps
Cadmium	106-1	1642	1417	1367	1475	9.93	cps
Cadmium	108-1	71	46	42	53	29.89	cps
Calcium	43-1	2400	2375	2234	2336	3.85	cps
Calcium	44-1	40393	40877	41111	40794	0.90	cps
Chromium	52-2	1023	903	970	966	6.23	cps
Cobalt	59-2	637	623	637	632	1.22	cps
Copper	63-2	1140	1180	1100	1140	3.51	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	125	75	42	81	52.07	cps
Gadolinium	160-2	20	7	3	10	88.20	cps
Holmium	165-1	8543782	8480897	8772275	8598984	1.78	cps
Holmium	165-2	1815832	1832896	1867383	1838703	1.43	cps
Indium	115-1	7435951	7337798	7445174	7406308	0.80	cps
Indium	115-2	313088	317724	326143	318985	2.07	cps
Iron	56-2	10271	10738	10615	10541	2.30	cps
Iron	57-2	217	217	311	248	21.97	cps
Lead	206-1	1695	1845	1872	1804	5.30	cps
Lead	207-1	1717	1706	1845	1756	4.40	cps
Lead	208-1	7762	8335	8107	8068	3.57	cps
Lithium	6-1	577493	577717	582385	579198	0.48	cps
Magnesium	24-2	850	1083	1108	1014	14.05	cps
Manganese	55-2	193	187	233	204	12.35	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:23:50	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2234	2175	2634	2348	10.63	cps
Molybdenum	95-1	1100	1217	1167	1161	5.04	cps
Molybdenum	96-1	1675	1642	1750	1689	3.29	cps
Molybdenum	97-1	742	658	750	717	7.07	cps
Molybdenum	98-1	1942	2009	2034	1995	2.38	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	327	330	331	1.54	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	3184	3309	2959	3150	5.63	cps
Rhodium	103-1	6769749	6831521	6975304	6858858	1.54	cps
Rhodium	103-2	1761133	1770992	1806639	1779588	1.35	cps
Scandium	45-1	3782439	3802874	3874798	3820037	1.27	cps
Scandium	45-2	31539	31469	32812	31940	2.37	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	11	19	13	14	27.17	cps
Selenium	82-1	208	305	261	258	18.77	cps
Silicon	28-1	327747	324062	326789	326199	0.59	cps
Silver	109-1	3084	3017	3025	3042	1.19	cps
Silver	107-1	3134	2900	2975	3003	3.97	cps
Sodium	23-2	7252	7210	7085	7183	1.21	cps
Strontium	86-1	1909	1842	1650	1800	7.45	cps
Strontium	88-1	6560	6585	6719	6621	1.29	cps
Sulfur	34-1	312329	311514	311079	311641	0.20	cps
Terbium	159-1	8922388	8901427	9002539	8942118	0.60	cps
Terbium	159-2	1792083	1802513	1856899	1817165	1.92	cps
Thallium	203-1	2159	1792	2134	2028	10.10	cps
Thallium	205-1	5110	4868	4718	4898	4.04	cps
Tin	118-1	2900	2634	2725	2753	4.92	cps
Titanium	47-1	517	375	475	456	15.98	cps
Uranium	238-1	5401	5760	5793	5652	3.84	cps
Vanadium	51-2	223	187	190	200	10.14	cps
Yttrium	89-1	7706744	7692396	7773763	7724301	0.56	cps
Yttrium	89-2	228407	230329	237206	231981	1.99	cps
Zinc	66-2	103	123	123	117	9.90	cps
Zirconium	90-1	4834	4368	4268	4490	6.74	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-3	Instrumnet Name :	P8
Client Sample ID :	IDL-3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:23:50	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1125	1042	917	1028	10.20	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:27:00	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	33	50	53	39.74	cps
Antimony	121-1	2642	2484	2992	2706	9.62	cps
Arsenic	75-2	35	33	13	27	45.41	cps
Barium	135-1	2742	2409	2575	2575	6.47	cps
Barium	137-1	4776	4993	4559	4776	4.54	cps
Beryllium	9-1	333	311	311	319	4.03	cps
Bismuth	209-1	5168077	5201122	5214135	5194445	0.46	cps
Bismuth	209-2	1454853	1446427	1453291	1451524	0.31	cps
Boron	10-1	425	433	342	400	12.67	cps
Boron	11-1	1892	1625	1859	1792	8.11	cps
Cadmium	111-1	1630	1658	1738	1675	3.36	cps
Cadmium	106-1	1558	1483	1567	1536	2.99	cps
Cadmium	108-1	75	50	42	56	31.22	cps
Calcium	43-1	2100	2192	2309	2200	4.75	cps
Calcium	44-1	41119	40426	42047	41198	1.97	cps
Chromium	52-2	893	927	937	919	2.47	cps
Cobalt	59-2	530	460	497	496	7.07	cps
Copper	63-2	1173	1140	1043	1119	6.03	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	20	3	7	10	88.20	cps
Holmium	165-1	8734650	8667607	8666278	8689512	0.45	cps
Holmium	165-2	1928324	1917039	1923431	1922931	0.29	cps
Indium	115-1	7538015	7510691	7539917	7529541	0.22	cps
Indium	115-2	327302	327361	326779	327148	0.10	cps
Iron	56-2	9637	10276	10009	9974	3.22	cps
Iron	57-2	267	317	250	278	12.49	cps
Lead	206-1	2000	2011	1939	1984	1.96	cps
Lead	207-1	1734	1656	1939	1776	8.24	cps
Lead	208-1	8007	7507	7835	7783	3.26	cps
Lithium	6-1	576855	581970	587318	582048	0.90	cps
Magnesium	24-2	908	1017	950	958	5.70	cps
Manganese	55-2	190	203	143	179	17.61	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:27:00	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1984	2109	2042	2045	3.06	cps
Molybdenum	95-1	1092	1283	1183	1186	8.08	cps
Molybdenum	96-1	1517	1433	1408	1453	3.91	cps
Molybdenum	97-1	758	692	867	772	11.44	cps
Molybdenum	98-1	1642	1725	1700	1689	2.53	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	313	280	288	7.88	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3009	3017	2734	2920	5.52	cps
Rhodium	103-1	7048990	6912260	6944747	6968665	1.03	cps
Rhodium	103-2	1838936	1823034	1830887	1830953	0.43	cps
Scandium	45-1	3935093	3861797	3842519	3879803	1.26	cps
Scandium	45-2	32257	32037	32541	32278	0.78	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	173	142	248	188	28.91	cps
Silicon	28-1	326636	320449	332047	326377	1.78	cps
Silver	109-1	2750	2634	2550	2645	3.80	cps
Silver	107-1	2709	2692	3159	2853	9.28	cps
Sodium	23-2	6235	6952	6894	6694	5.95	cps
Strontium	86-1	1842	1800	1575	1739	8.25	cps
Strontium	88-1	6552	6960	6268	6594	5.28	cps
Sulfur	34-1	312662	311258	312409	312110	0.24	cps
Terbium	159-1	9087708	9059134	9133994	9093612	0.42	cps
Terbium	159-2	1848167	1856855	1867706	1857576	0.53	cps
Thallium	203-1	1950	1950	2100	2000	4.33	cps
Thallium	205-1	4709	4559	4793	4687	2.52	cps
Tin	118-1	2442	2734	2717	2631	6.23	cps
Titanium	47-1	383	442	442	422	7.98	cps
Uranium	238-1	5276	5360	5193	5276	1.58	cps
Vanadium	51-2	163	187	187	179	7.53	cps
Yttrium	89-1	7884882	7825398	7792578	7834286	0.60	cps
Yttrium	89-2	237810	238470	236909	237730	0.33	cps
Zinc	66-2	110	57	150	106	44.36	cps
Zirconium	90-1	3942	4226	4076	4081	3.47	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-4	Instrumnet Name :	P8
Client Sample ID :	IDL-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:27:00	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	750	1042	900	897	16.26	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:30:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	50	42	64	49.39	cps
Antimony	121-1	2917	3084	3159	3053	4.05	cps
Arsenic	75-2	26	31	33	30	12.73	cps
Barium	135-1	2809	3076	2800	2895	5.40	cps
Barium	137-1	4859	4843	5010	4904	1.87	cps
Beryllium	9-1	261	256	294	270	7.78	cps
Bismuth	209-1	5120077	5296676	5185010	5200588	1.72	cps
Bismuth	209-2	1453527	1448614	1437923	1446688	0.55	cps
Boron	10-1	525	450	500	492	7.77	cps
Boron	11-1	1684	1817	1942	1814	7.12	cps
Cadmium	111-1	1575	1676	1628	1626	3.13	cps
Cadmium	106-1	1550	1600	1433	1528	5.60	cps
Cadmium	108-1	63	63	67	64	3.77	cps
Calcium	43-1	2392	2292	2517	2400	4.70	cps
Calcium	44-1	41036	41403	40284	40908	1.40	cps
Chromium	52-2	1013	930	987	977	4.36	cps
Cobalt	59-2	613	607	600	607	1.10	cps
Copper	63-2	1113	1247	1050	1137	8.83	cps
Dysprosium	156-1	8	33	8	17	86.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	50	67	83	67	25.00	cps
Gadolinium	160-2	10	20	10	13	43.30	cps
Holmium	165-1	8498636	8847254	8641988	8662626	2.02	cps
Holmium	165-2	1930707	1911232	1900538	1914159	0.80	cps
Indium	115-1	7482129	7759713	7609805	7617216	1.82	cps
Indium	115-2	328016	326140	324235	326130	0.58	cps
Iron	56-2	10538	10293	10282	10371	1.39	cps
Iron	57-2	267	333	306	302	11.09	cps
Lead	206-1	1978	1928	1917	1941	1.68	cps
Lead	207-1	1795	1717	1700	1737	2.90	cps
Lead	208-1	8001	7990	7785	7925	1.54	cps
Lithium	6-1	581179	595128	586389	587566	1.20	cps
Magnesium	24-2	983	1008	1000	997	1.28	cps
Manganese	55-2	177	197	207	193	7.90	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:30:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2459	2159	2209	2275	7.07	cps
Molybdenum	95-1	1267	1067	1275	1203	9.81	cps
Molybdenum	96-1	1875	1709	1492	1692	11.36	cps
Molybdenum	97-1	775	800	783	786	1.62	cps
Molybdenum	98-1	1950	2267	1942	2053	9.03	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	283	270	287	280	3.15	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3059	3142	2959	3053	3.01	cps
Rhodium	103-1	6940062	7161789	6959269	7020374	1.75	cps
Rhodium	103-2	1842156	1814443	1833815	1830138	0.78	cps
Scandium	45-1	3907411	4036362	3924725	3956166	1.77	cps
Scandium	45-2	32905	32394	32033	32444	1.35	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	6	9	17	10	53.90	cps
Selenium	82-1	206	278	352	279	26.25	cps
Silicon	28-1	320052	324298	331312	325221	1.75	cps
Silver	109-1	3042	3076	2709	2942	6.89	cps
Silver	107-1	2650	3159	3351	3053	11.85	cps
Sodium	23-2	7044	6268	6118	6477	7.67	cps
Strontium	86-1	1725	1684	1542	1650	5.82	cps
Strontium	88-1	6452	6977	6727	6719	3.91	cps
Sulfur	34-1	316139	315143	317570	316284	0.39	cps
Terbium	159-1	8943083	9213858	9146247	9101063	1.55	cps
Terbium	159-2	1870507	1838689	1833518	1847571	1.08	cps
Thallium	203-1	2025	1967	1950	1981	1.99	cps
Thallium	205-1	5035	4885	5051	4990	1.84	cps
Tin	118-1	3026	3017	2842	2962	3.50	cps
Titanium	47-1	283	500	408	397	27.38	cps
Uranium	238-1	5335	5451	5435	5407	1.17	cps
Vanadium	51-2	190	143	240	191	25.30	cps
Yttrium	89-1	7848266	8072329	7935353	7951983	1.42	cps
Yttrium	89-2	240628	240335	239039	240001	0.35	cps
Zinc	66-2	157	140	110	136	17.45	cps
Zirconium	90-1	4684	4726	4576	4662	1.66	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-5	Instrumnet Name :	P8
Client Sample ID :	IDL-5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:30:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1033	1042	1083	1053	2.55	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:33:19	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	50	50	16.67	cps
Antimony	121-1	3276	2875	2950	3034	7.01	cps
Arsenic	75-2	37	30	46	38	22.18	cps
Barium	135-1	2717	2834	3176	2909	8.19	cps
Barium	137-1	5043	4818	4943	4935	2.29	cps
Beryllium	9-1	356	344	322	341	4.98	cps
Bismuth	209-1	5160202	5152954	5219514	5177557	0.71	cps
Bismuth	209-2	1268336	1441142	1441292	1383590	7.21	cps
Boron	10-1	492	475	458	475	3.51	cps
Boron	11-1	1717	1859	1959	1845	6.58	cps
Cadmium	111-1	1748	1464	1684	1632	9.13	cps
Cadmium	106-1	1684	1450	1517	1550	7.75	cps
Cadmium	108-1	67	67	46	60	20.15	cps
Calcium	43-1	2542	2475	2367	2461	3.59	cps
Calcium	44-1	40994	40602	41019	40872	0.57	cps
Chromium	52-2	970	933	917	940	2.90	cps
Cobalt	59-2	460	530	567	519	10.44	cps
Copper	63-2	1143	1180	1187	1170	1.99	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	42	58	44	28.65	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	8594998	8641385	8657145	8631176	0.37	cps
Holmium	165-2	1680797	1889680	1899431	1823303	6.77	cps
Indium	115-1	7562356	7474441	7448363	7495053	0.80	cps
Indium	115-2	284137	323480	322616	310078	7.25	cps
Iron	56-2	10121	10571	10476	10389	2.29	cps
Iron	57-2	267	217	311	265	17.84	cps
Lead	206-1	1878	1995	1984	1952	3.30	cps
Lead	207-1	1850	1895	1978	1908	3.40	cps
Lead	208-1	8140	8090	8157	8129	0.43	cps
Lithium	6-1	584154	583142	585850	584382	0.23	cps
Magnesium	24-2	975	1150	1250	1125	12.37	cps
Manganese	55-2	113	187	153	151	24.30	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:33:19	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2200	2134	2050	2128	3.53	cps
Molybdenum	95-1	1183	1125	1233	1181	4.59	cps
Molybdenum	96-1	1542	1550	1517	1536	1.13	cps
Molybdenum	97-1	658	883	667	736	17.33	cps
Molybdenum	98-1	1875	1717	1709	1767	5.32	cps
Neodymium	150-1	13	40	7	20	88.19	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	273	287	303	288	5.22	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3050	3034	3092	3059	0.98	cps
Rhodium	103-1	6886355	6919969	6962816	6923047	0.55	cps
Rhodium	103-2	1606065	1820996	1813153	1746738	6.98	cps
Scandium	45-1	3883399	3851155	3888450	3874335	0.52	cps
Scandium	45-2	28426	32658	32641	31242	7.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	6	6	10	75.73	cps
Selenium	82-1	178	203	195	192	6.81	cps
Silicon	28-1	322690	384131	328251	345024	9.85	cps
Silver	109-1	3000	3051	2867	2973	3.19	cps
Silver	107-1	2792	2867	2975	2878	3.20	cps
Sodium	23-2	6502	6852	6360	6571	3.85	cps
Strontium	86-1	1892	1667	1709	1756	6.82	cps
Strontium	88-1	7211	6752	6860	6941	3.45	cps
Sulfur	34-1	324687	326611	322523	324607	0.63	cps
Terbium	159-1	8979745	9087012	9039113	9035290	0.59	cps
Terbium	159-2	1633530	1831391	1868625	1777849	7.11	cps
Thallium	203-1	1750	2142	2000	1964	10.10	cps
Thallium	205-1	4935	4551	4376	4621	6.18	cps
Tin	118-1	2750	2442	2809	2667	7.39	cps
Titanium	47-1	500	375	392	422	16.07	cps
Uranium	238-1	5276	5693	5968	5646	6.17	cps
Vanadium	51-2	163	203	240	202	18.96	cps
Yttrium	89-1	7758645	7881884	7869350	7836626	0.87	cps
Yttrium	89-2	206985	234973	235257	225738	7.19	cps
Zinc	66-2	110	87	130	109	19.92	cps
Zirconium	90-1	4651	4351	4468	4490	3.37	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-6	Instrumnet Name :	P8
Client Sample ID :	IDL-6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:33:19	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	975	1033	933	981	5.12	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:36:28	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	67	50	33.34	cps
Antimony	121-1	3000	2642	2817	2820	6.36	cps
Arsenic	75-2	15	33	28	25	37.56	cps
Barium	135-1	2792	2750	3217	2920	8.85	cps
Barium	137-1	4743	4976	4584	4768	4.13	cps
Beryllium	9-1	306	306	300	304	1.06	cps
Bismuth	209-1	4932938	5055362	5196805	5061702	2.61	cps
Bismuth	209-2	1453056	1429863	1437192	1440037	0.82	cps
Boron	10-1	308	392	350	350	11.91	cps
Boron	11-1	1742	1617	1809	1722	5.65	cps
Cadmium	111-1	1648	1709	1501	1620	6.59	cps
Cadmium	106-1	1609	1567	1483	1553	4.10	cps
Cadmium	108-1	33	54	71	53	35.60	cps
Calcium	43-1	2292	2250	2184	2242	2.44	cps
Calcium	44-1	40576	41638	40359	40858	1.67	cps
Chromium	52-2	970	883	890	914	5.27	cps
Cobalt	59-2	600	567	583	583	2.86	cps
Copper	63-2	1037	1170	1097	1101	6.06	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	125	42	42	69	69.28	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	8205112	8560056	8687682	8484284	2.95	cps
Holmium	165-2	1910320	1874070	1918509	1900966	1.24	cps
Indium	115-1	7030109	7390804	7461349	7294087	3.17	cps
Indium	115-2	324639	320358	319249	321415	0.89	cps
Iron	56-2	10110	9770	10198	10026	2.25	cps
Iron	57-2	261	206	261	243	13.22	cps
Lead	206-1	1895	1984	1806	1895	4.69	cps
Lead	207-1	1717	1778	1828	1774	3.14	cps
Lead	208-1	7729	7734	7835	7766	0.77	cps
Lithium	6-1	558334	578249	589538	575374	2.75	cps
Magnesium	24-2	975	917	992	961	4.10	cps
Manganese	55-2	163	210	187	187	12.50	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:36:28	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1967	1950	2050	1989	2.69	cps
Molybdenum	95-1	1225	975	1100	1100	11.36	cps
Molybdenum	96-1	1542	1558	1742	1614	6.88	cps
Molybdenum	97-1	842	725	708	758	9.58	cps
Molybdenum	98-1	1884	1717	1642	1747	7.08	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	293	267	299	11.82	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	2984	3217	2950	3050	4.76	cps
Rhodium	103-1	6593822	6877560	7006654	6826012	3.09	cps
Rhodium	103-2	1841355	1822439	1802124	1821972	1.08	cps
Scandium	45-1	3702223	3819768	3894685	3805559	2.55	cps
Scandium	45-2	32534	32107	32143	32262	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	11	4	10	57.30	cps
Selenium	82-1	143	194	123	153	24.13	cps
Silicon	28-1	327150	333924	331477	330850	1.04	cps
Silver	109-1	2817	2634	2642	2698	3.84	cps
Silver	107-1	2942	2525	3009	2825	9.27	cps
Sodium	23-2	6285	6227	6869	6460	5.50	cps
Strontium	86-1	1784	1625	1725	1711	4.68	cps
Strontium	88-1	6418	6794	6393	6535	3.43	cps
Sulfur	34-1	321396	322274	322041	321904	0.14	cps
Terbium	159-1	8596333	8981899	9025832	8868021	2.66	cps
Terbium	159-2	1878705	1820592	1828259	1842519	1.71	cps
Thallium	203-1	1775	1950	1759	1828	5.81	cps
Thallium	205-1	4168	4118	4359	4215	3.03	cps
Tin	118-1	2659	2467	2742	2623	5.38	cps
Titanium	47-1	325	458	450	411	18.17	cps
Uranium	238-1	5610	4943	5160	5237	6.50	cps
Vanadium	51-2	173	203	130	169	21.83	cps
Yttrium	89-1	7430218	7693480	7894043	7672580	3.03	cps
Yttrium	89-2	237489	233564	234657	235237	0.86	cps
Zinc	66-2	123	113	120	119	4.28	cps
Zirconium	90-1	4251	4276	4134	4220	1.79	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-7	Instrumnet Name :	P8
Client Sample ID :	IDL-7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:36:28	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	850	975	892	906	7.03	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:39:38	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297295	298549	295852	297232	0.45	cps
Antimony	121-1	5090666	5099172	5147874	5112571	0.60	cps
Arsenic	75-2	52815	52715	52189	52573	0.64	cps
Barium	135-1	5218173	5279347	5316702	5271407	0.94	cps
Barium	137-1	9098255	9073178	9118978	9096804	0.25	cps
Beryllium	9-1	438239	439675	442600	440171	0.50	cps
Bismuth	209-1	4920166	4843391	4843982	4869180	0.91	cps
Bismuth	209-2	1310395	1303557	1315461	1309804	0.46	cps
Boron	10-1	52530	53459	54011	53333	1.40	cps
Boron	11-1	247034	252984	257321	252446	2.05	cps
Cadmium	111-1	1066073	1068092	1070760	1068308	0.22	cps
Cadmium	106-1	109257	110727	111266	110417	0.94	cps
Cadmium	108-1	76126	75594	75041	75587	0.72	cps
Calcium	43-1	4735859	4783253	4772900	4764004	0.52	cps
Calcium	44-1	77487458	78029520	77745498	77754159	0.35	cps
Chromium	52-2	433036	430583	430765	431461	0.32	cps
Cobalt	59-2	915067	912327	903825	910406	0.64	cps
Copper	63-2	1613901	1622947	1583660	1606836	1.28	cps
Dysprosium	156-1	192	167	125	161	20.90	cps
Dysprosium	156-2	23	13	30	22	37.76	cps
Erbium	164-1	75	108	33	72	52.04	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	133	133	108	125	11.55	cps
Gadolinium	160-2	27	27	33	29	13.31	cps
Holmium	165-1	8519381	8451187	8447163	8472577	0.48	cps
Holmium	165-2	1779718	1778724	1788891	1782444	0.31	cps
Indium	115-1	6895470	6748603	6761397	6801824	1.20	cps
Indium	115-2	286333	285915	287383	286544	0.26	cps
Iron	56-2	71065349	70730771	70897254	70897791	0.24	cps
Iron	57-2	1804074	1827619	1831176	1820956	0.81	cps
Lead	206-1	2837637	2911588	2920646	2889957	1.58	cps
Lead	207-1	2616336	2655929	2668155	2646807	1.02	cps
Lead	208-1	11584083	11827864	11786934	11732960	1.11	cps
Lithium	6-1	545088	535926	533481	538165	1.14	cps
Magnesium	24-2	7285948	7194278	7157872	7212699	0.91	cps
Manganese	55-2	239072	236891	237606	237856	0.47	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:39:38	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3988460	4004739	4001494	3998231	0.22	cps
Molybdenum	95-1	2174483	2185925	2149926	2170111	0.85	cps
Molybdenum	96-1	2791209	2803517	2812439	2802388	0.38	cps
Molybdenum	97-1	1307355	1312268	1306194	1308605	0.25	cps
Molybdenum	98-1	3481924	3477162	3467461	3475516	0.21	cps
Neodymium	150-1	193	227	287	236	20.08	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	268973	266843	265800	267205	0.61	cps
Phosphorus	31-2	4218	4476	4276	4323	3.14	cps
Potassium	39-2	2156557	2156221	2169521	2160766	0.35	cps
Rhodium	103-1	6204818	6098154	6088671	6130547	1.05	cps
Rhodium	103-2	1585061	1580616	1581971	1582549	0.14	cps
Scandium	45-1	3634072	3565373	3572019	3590488	1.06	cps
Scandium	45-2	29668	29618	29925	29737	0.55	cps
Selenium	77-2	367	380	343	363	5.11	cps
Selenium	78-2	1274	1220	1195	1230	3.30	cps
Selenium	82-1	64551	64643	64687	64627	0.11	cps
Silicon	28-1	2042760	2067835	2121521	2077372	1.94	cps
Silver	109-1	4996683	5001610	5076644	5024979	0.89	cps
Silver	107-1	5148569	5151342	5215345	5171752	0.73	cps
Sodium	23-2	17655143	17445330	17523077	17541184	0.60	cps
Strontium	86-1	1436253	1403394	1393224	1410957	1.59	cps
Strontium	88-1	12001871	12117074	12109765	12076237	0.53	cps
Sulfur	34-1	593839	592589	589786	592072	0.35	cps
Terbium	159-1	8929139	8671446	8627370	8742652	1.86	cps
Terbium	159-2	1754326	1738179	1747910	1746805	0.47	cps
Thallium	203-1	3539005	3619499	3629894	3596133	1.38	cps
Thallium	205-1	8289196	8428971	8500071	8406079	1.28	cps
Tin	118-1	3566037	3586287	3562473	3571599	0.36	cps
Titanium	47-1	504110	499145	500948	501401	0.50	cps
Uranium	238-1	10703092	10827047	10881237	10803792	0.85	cps
Vanadium	51-2	324512	322597	320163	322424	0.68	cps
Yttrium	89-1	7445562	7274465	7190258	7303428	1.78	cps
Yttrium	89-2	215508	215910	217215	216211	0.41	cps
Zinc	66-2	139583	139742	139617	139647	0.06	cps
Zirconium	90-1	7579271	7562939	7597784	7579998	0.23	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:39:38	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1684880	1710573	1726592	1707348	1.23	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P8
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 14:54:49 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	0	8	17	132.30	cps
Antimony	121-1	375	408	475	419	12.14	cps
Arsenic	75-2	4	9	9	7	43.34	cps
Barium	135-1	25	25	67	39	61.86	cps
Barium	137-1	25	100	75	67	57.29	cps
Beryllium	9-1	50	89	67	69	28.47	cps
Bismuth	209-1	5140845	5292696	5224580	5219373	1.46	cps
Bismuth	209-2	1453240	1445036	1447659	1448645	0.29	cps
Boron	10-1	358	508	450	439	17.23	cps
Boron	11-1	1992	1892	1867	1917	3.45	cps
Cadmium	111-1	924	1021	1015	986	5.47	cps
Cadmium	106-1	1308	1467	1442	1406	6.06	cps
Cadmium	108-1	0	21	4	8	132.26	cps
Calcium	43-1	1859	1684	1583	1709	8.15	cps
Calcium	44-1	31962	32789	31344	32032	2.26	cps
Chromium	52-2	663	667	730	687	5.47	cps
Cobalt	59-2	37	50	40	42	16.43	cps
Copper	63-2	180	143	177	167	12.16	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	33	58	75	56	37.75	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	8742050	8696636	8736495	8725060	0.28	cps
Holmium	165-2	1891799	1904805	1905075	1900560	0.40	cps
Indium	115-1	7448804	7511388	7520368	7493520	0.52	cps
Indium	115-2	323312	320690	323276	322426	0.47	cps
Iron	56-2	1795	1967	1906	1889	4.62	cps
Iron	57-2	39	33	50	41	20.83	cps
Lead	206-1	583	456	528	522	12.27	cps
Lead	207-1	444	550	489	494	10.72	cps
Lead	208-1	2233	2128	2111	2158	3.07	cps
Lithium	6-1	588762	589981	592688	590477	0.34	cps
Magnesium	24-2	133	133	142	136	3.53	cps
Manganese	55-2	33	50	37	40	22.05	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P8
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 14:54:49 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	225	283	267	13.62	cps
Molybdenum	95-1	67	75	58	67	12.49	cps
Molybdenum	96-1	125	83	108	106	19.87	cps
Molybdenum	97-1	58	58	92	69	27.71	cps
Molybdenum	98-1	125	133	133	131	3.68	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	137	137	133	4.33	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2634	2875	2959	2823	5.98	cps
Rhodium	103-1	6824625	6882411	6963014	6890017	1.01	cps
Rhodium	103-2	1816815	1805560	1808550	1810308	0.32	cps
Scandium	45-1	3784668	3864319	3761917	3803635	1.41	cps
Scandium	45-2	32407	32504	32294	32402	0.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	-65	-17	-25	-36	-72.01	cps
Silicon	28-1	320650	318553	318873	319358	0.35	cps
Silver	109-1	100	75	92	89	14.32	cps
Silver	107-1	150	183	150	161	11.95	cps
Sodium	23-2	4759	5201	5193	5051	5.00	cps
Strontium	86-1	908	817	1108	945	15.79	cps
Strontium	88-1	217	233	217	222	4.33	cps
Sulfur	34-1	310405	317068	312947	313474	1.07	cps
Terbium	159-1	9034914	9056063	9104293	9065090	0.39	cps
Terbium	159-2	1851703	1861036	1840079	1850939	0.57	cps
Thallium	203-1	92	150	142	128	24.69	cps
Thallium	205-1	267	275	342	294	13.96	cps
Tin	118-1	700	750	1042	831	22.22	cps
Titanium	47-1	67	117	142	108	35.25	cps
Uranium	238-1	42	75	17	44	65.84	cps
Vanadium	51-2	10	3	10	8	49.52	cps
Yttrium	89-1	7662318	7740352	7803939	7735536	0.92	cps
Yttrium	89-2	236356	237164	234781	236100	0.51	cps
Zinc	66-2	40	20	17	26	49.38	cps
Zirconium	90-1	508	475	667	550	18.62	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:54:49	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	167	117	153	20.65	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:57:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	25	28	17.31	cps
Antimony	121-1	2584	2809	3075	2823	8.72	cps
Arsenic	75-2	22	39	28	30	28.65	cps
Barium	135-1	2659	3142	2584	2795	10.85	cps
Barium	137-1	4701	4643	4718	4687	0.84	cps
Beryllium	9-1	333	244	283	287	15.53	cps
Bismuth	209-1	5200411	5211060	5178437	5196636	0.32	cps
Bismuth	209-2	1470945	1465500	1451241	1462562	0.70	cps
Boron	10-1	342	383	383	369	6.51	cps
Boron	11-1	2009	1900	1959	1956	2.77	cps
Cadmium	111-1	1469	1618	1688	1592	7.02	cps
Cadmium	106-1	1375	1442	1584	1467	7.25	cps
Cadmium	108-1	63	58	42	54	20.35	cps
Calcium	43-1	2484	2459	2425	2456	1.19	cps
Calcium	44-1	41095	40233	41237	40855	1.33	cps
Chromium	52-2	963	957	837	919	7.76	cps
Cobalt	59-2	580	540	483	534	9.09	cps
Copper	63-2	1170	1173	977	1107	10.17	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	67	25	17	36	74.18	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	33	50	44	21.66	cps
Gadolinium	160-2	20	3	13	12	68.66	cps
Holmium	165-1	8610881	8647857	8630006	8629581	0.21	cps
Holmium	165-2	1926933	1932907	1901380	1920407	0.87	cps
Indium	115-1	7403787	7457153	7432796	7431246	0.36	cps
Indium	115-2	328016	326928	324604	326516	0.53	cps
Iron	56-2	10026	9926	10193	10048	1.34	cps
Iron	57-2	172	322	306	267	30.83	cps
Lead	206-1	1956	2089	1850	1965	6.09	cps
Lead	207-1	1884	1572	1700	1719	9.10	cps
Lead	208-1	7807	7896	8040	7914	1.49	cps
Lithium	6-1	583644	591574	590425	588548	0.73	cps
Magnesium	24-2	883	908	1050	947	9.49	cps
Manganese	55-2	167	203	170	180	11.27	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:57:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2484	2109	2067	2220	10.34	cps
Molybdenum	95-1	1233	1300	975	1170	14.68	cps
Molybdenum	96-1	1600	1575	1450	1542	5.21	cps
Molybdenum	97-1	983	717	717	806	19.11	cps
Molybdenum	98-1	1917	1709	1959	1861	7.20	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	270	227	241	10.38	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	2834	3326	2900	3020	8.83	cps
Rhodium	103-1	6860983	6879615	6875735	6872111	0.14	cps
Rhodium	103-2	1825889	1840178	1823636	1829901	0.49	cps
Scandium	45-1	3794736	3871848	3820394	3828993	1.03	cps
Scandium	45-2	32438	32441	32461	32447	0.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	7	6	33.38	cps
Selenium	82-1	128	179	278	195	39.11	cps
Silicon	28-1	320372	322775	324936	322694	0.71	cps
Silver	109-1	2575	2850	2500	2642	6.98	cps
Silver	107-1	2817	2775	2859	2817	1.48	cps
Sodium	23-2	6719	7202	6560	6827	4.90	cps
Strontium	86-1	1575	1725	1709	1670	4.92	cps
Strontium	88-1	6810	6452	6377	6546	3.54	cps
Sulfur	34-1	316010	319019	314146	316391	0.78	cps
Terbium	159-1	9004341	9036649	8982772	9007921	0.30	cps
Terbium	159-2	1888100	1847874	1852740	1862905	1.18	cps
Thallium	203-1	1875	1667	2217	1920	14.47	cps
Thallium	205-1	4526	4509	4193	4409	4.26	cps
Tin	118-1	2809	2900	2450	2720	8.75	cps
Titanium	47-1	483	367	367	406	16.61	cps
Uranium	238-1	5243	5301	5593	5379	3.49	cps
Vanadium	51-2	137	183	197	172	18.29	cps
Yttrium	89-1	7690403	7740914	7750184	7727167	0.42	cps
Yttrium	89-2	240491	236137	236580	237736	1.01	cps
Zinc	66-2	133	120	137	130	6.79	cps
Zirconium	90-1	4134	4234	3992	4120	2.95	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-8	Instrumnet Name :	P8
Client Sample ID :	IDL-8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 14:57:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1025	967	867	953	8.41	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:01:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	42	33	61	67.27	cps
Antimony	121-1	3067	2867	2917	2950	3.53	cps
Arsenic	75-2	37	43	31	37	15.00	cps
Barium	135-1	2992	2750	2975	2906	4.65	cps
Barium	137-1	4784	4701	5093	4859	4.25	cps
Beryllium	9-1	350	228	328	302	21.57	cps
Bismuth	209-1	5233215	5183285	5252945	5223148	0.69	cps
Bismuth	209-2	1476184	1437828	1449757	1454589	1.35	cps
Boron	10-1	408	433	467	436	6.71	cps
Boron	11-1	1583	1550	1600	1578	1.61	cps
Cadmium	111-1	1705	1746	1600	1684	4.46	cps
Cadmium	106-1	1533	1617	1425	1525	6.30	cps
Cadmium	108-1	50	46	50	49	4.95	cps
Calcium	43-1	2067	2167	2300	2178	5.38	cps
Calcium	44-1	39624	41170	39874	40223	2.06	cps
Chromium	52-2	847	990	983	940	8.61	cps
Cobalt	59-2	580	577	473	543	11.16	cps
Copper	63-2	1167	1167	1193	1176	1.31	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	92	42	67	67	37.50	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	8826061	8721774	8610356	8719397	1.24	cps
Holmium	165-2	1932114	1887175	1901489	1906926	1.20	cps
Indium	115-1	7592534	7507175	7512575	7537428	0.63	cps
Indium	115-2	329044	326477	325623	327048	0.54	cps
Iron	56-2	10260	10171	10443	10291	1.35	cps
Iron	57-2	294	289	233	272	12.41	cps
Lead	206-1	2056	2011	2167	2078	3.86	cps
Lead	207-1	1984	1939	1850	1924	3.53	cps
Lead	208-1	8485	8162	8557	8401	2.50	cps
Lithium	6-1	592872	590704	595113	592896	0.37	cps
Magnesium	24-2	967	917	958	947	2.83	cps
Manganese	55-2	207	183	203	198	6.38	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:01:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2500	2650	2292	2481	7.26	cps
Molybdenum	95-1	1283	1158	1042	1161	10.41	cps
Molybdenum	96-1	1625	1775	1542	1647	7.18	cps
Molybdenum	97-1	842	817	775	811	4.15	cps
Molybdenum	98-1	1700	1984	1867	1850	7.70	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	297	277	270	281	4.94	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3100	2959	2825	2962	4.64	cps
Rhodium	103-1	6938143	6908535	7032079	6959585	0.93	cps
Rhodium	103-2	1853417	1809530	1819722	1827556	1.26	cps
Scandium	45-1	3867303	3861994	3943103	3890800	1.17	cps
Scandium	45-2	33664	33029	32411	33035	1.90	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	4	7	5	43.39	cps
Selenium	82-1	257	225	179	220	17.87	cps
Silicon	28-1	328667	321548	330148	326788	1.41	cps
Silver	109-1	2759	2717	2884	2787	3.11	cps
Silver	107-1	3117	3401	2925	3148	7.59	cps
Sodium	23-2	6910	7252	6594	6919	4.76	cps
Strontium	86-1	1767	1842	1558	1722	8.52	cps
Strontium	88-1	6969	6769	7102	6947	2.42	cps
Sulfur	34-1	311275	312883	316769	313642	0.90	cps
Terbium	159-1	9248177	9089741	9093608	9143842	0.99	cps
Terbium	159-2	1895842	1839555	1847994	1861130	1.63	cps
Thallium	203-1	2142	2134	2159	2145	0.60	cps
Thallium	205-1	4918	4601	4918	4812	3.80	cps
Tin	118-1	2800	3001	2900	2900	3.45	cps
Titanium	47-1	417	367	425	403	7.83	cps
Uranium	238-1	5802	5827	5535	5721	2.83	cps
Vanadium	51-2	250	187	243	227	15.35	cps
Yttrium	89-1	7896696	7834283	7827399	7852793	0.49	cps
Yttrium	89-2	241876	237901	237697	239158	0.99	cps
Zinc	66-2	113	80	167	120	36.43	cps
Zirconium	90-1	4401	4893	4676	4657	5.29	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-9	Instrumnet Name :	P8
Client Sample ID :	IDL-9	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:01:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1100	1092	883	1025	11.98	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:04:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	17	36	48.03	cps
Antimony	121-1	2634	2817	2600	2684	4.35	cps
Arsenic	75-2	31	24	19	25	26.34	cps
Barium	135-1	2809	2692	2634	2712	3.29	cps
Barium	137-1	5218	4201	4901	4773	10.90	cps
Beryllium	9-1	317	261	300	293	9.74	cps
Bismuth	209-1	5154702	5131993	5120994	5135896	0.33	cps
Bismuth	209-2	1450419	1451531	1447008	1449653	0.16	cps
Boron	10-1	267	358	308	311	14.75	cps
Boron	11-1	1617	1417	1717	1583	9.65	cps
Cadmium	111-1	1668	1546	1573	1596	4.04	cps
Cadmium	106-1	1500	1433	1500	1478	2.60	cps
Cadmium	108-1	33	71	50	51	36.56	cps
Calcium	43-1	2109	2134	2059	2100	1.82	cps
Calcium	44-1	40301	40894	41136	40777	1.05	cps
Chromium	52-2	930	983	907	940	4.18	cps
Cobalt	59-2	577	503	637	572	11.67	cps
Copper	63-2	1197	1053	1117	1122	6.40	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	0	14	124.91	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	42	67	42	50	28.87	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	8563879	8581853	8631772	8592501	0.41	cps
Holmium	165-2	1955405	1914023	1907796	1925741	1.34	cps
Indium	115-1	7483909	7412176	7358138	7418074	0.85	cps
Indium	115-2	327709	323433	321113	324085	1.03	cps
Iron	56-2	9848	10165	10432	10148	2.88	cps
Iron	57-2	311	200	239	250	22.55	cps
Lead	206-1	1978	2017	1717	1904	8.57	cps
Lead	207-1	1684	1556	1672	1637	4.32	cps
Lead	208-1	7690	7590	7785	7688	1.27	cps
Lithium	6-1	590885	586632	585223	587580	0.50	cps
Magnesium	24-2	925	875	1067	956	10.40	cps
Manganese	55-2	163	237	223	208	18.80	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:04:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2209	2342	2217	2256	3.31	cps
Molybdenum	95-1	1133	1050	1175	1120	5.69	cps
Molybdenum	96-1	1625	1500	1559	1561	4.01	cps
Molybdenum	97-1	675	683	650	669	2.59	cps
Molybdenum	98-1	1800	1784	1817	1800	0.93	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	270	333	343	316	12.60	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3309	2950	3134	3131	5.72	cps
Rhodium	103-1	6886355	6905520	6961095	6917657	0.56	cps
Rhodium	103-2	1841828	1812647	1808412	1820962	1.00	cps
Scandium	45-1	3831800	3800988	3858333	3830373	0.75	cps
Scandium	45-2	33253	32488	32130	32624	1.76	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	11	17	4	10	62.01	cps
Selenium	82-1	164	278	182	208	29.43	cps
Silicon	28-1	325595	321403	327658	324885	0.98	cps
Silver	109-1	2675	2884	2659	2739	4.58	cps
Silver	107-1	2800	2742	3084	2875	6.36	cps
Sodium	23-2	6352	6402	6635	6463	2.34	cps
Strontium	86-1	1542	1609	1617	1589	2.59	cps
Strontium	88-1	6952	6594	6443	6663	3.92	cps
Sulfur	34-1	319342	323022	315566	319310	1.17	cps
Terbium	159-1	9036262	8937768	8991424	8988485	0.55	cps
Terbium	159-2	1885652	1857416	1869029	1870699	0.76	cps
Thallium	203-1	1792	1984	1809	1861	5.71	cps
Thallium	205-1	4501	4443	4643	4529	2.27	cps
Tin	118-1	2734	2584	2750	2689	3.41	cps
Titanium	47-1	275	333	392	333	17.50	cps
Uranium	238-1	5451	5210	5101	5254	3.41	cps
Vanadium	51-2	200	153	207	187	15.57	cps
Yttrium	89-1	7789561	7696498	7772077	7752712	0.64	cps
Yttrium	89-2	240598	236266	235747	237537	1.12	cps
Zinc	66-2	130	137	130	132	2.91	cps
Zirconium	90-1	4659	4559	4526	4582	1.52	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-10	Instrumnet Name :	P8
Client Sample ID :	IDL-10	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:04:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1075	917	1025	1006	8.05	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:07:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	75	39	86.61	cps
Antimony	121-1	3017	3009	2634	2887	7.59	cps
Arsenic	75-2	26	31	37	31	17.64	cps
Barium	135-1	3167	2792	2859	2939	6.81	cps
Barium	137-1	5135	5101	5001	5079	1.37	cps
Beryllium	9-1	256	328	217	267	21.14	cps
Bismuth	209-1	5166570	5119245	5170670	5152162	0.55	cps
Bismuth	209-2	1447795	1429695	1332086	1403192	4.44	cps
Boron	10-1	325	333	400	353	11.65	cps
Boron	11-1	1684	1575	1842	1700	7.89	cps
Cadmium	111-1	1506	1537	1826	1623	10.89	cps
Cadmium	106-1	1325	1292	1667	1428	14.54	cps
Cadmium	108-1	67	54	46	56	18.88	cps
Calcium	43-1	2459	2150	2109	2239	8.54	cps
Calcium	44-1	40961	41253	41195	41136	0.38	cps
Chromium	52-2	930	947	1067	981	7.60	cps
Cobalt	59-2	617	520	533	557	9.41	cps
Copper	63-2	1100	1007	1003	1037	5.29	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	67	42	52.92	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	58	25	42	42	40.00	cps
Gadolinium	160-2	17	0	17	11	86.60	cps
Holmium	165-1	8569524	8525697	8667999	8587740	0.85	cps
Holmium	165-2	1912964	1892682	1761772	1855806	4.42	cps
Indium	115-1	7417428	7362503	7405646	7395192	0.39	cps
Indium	115-2	326476	324003	299975	316818	4.62	cps
Iron	56-2	10460	10221	10627	10436	1.96	cps
Iron	57-2	261	272	278	270	3.14	cps
Lead	206-1	1750	1961	1922	1878	5.98	cps
Lead	207-1	1906	1834	1695	1811	5.92	cps
Lead	208-1	8062	7979	8246	8096	1.69	cps
Lithium	6-1	585588	585670	586261	585839	0.06	cps
Magnesium	24-2	1125	1042	1125	1097	4.39	cps
Manganese	55-2	173	187	150	170	10.92	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:07:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2175	2059	2292	2175	5.36	cps
Molybdenum	95-1	1375	1242	1158	1258	8.69	cps
Molybdenum	96-1	1859	1592	1609	1686	8.86	cps
Molybdenum	97-1	758	925	742	808	12.54	cps
Molybdenum	98-1	1917	1884	1809	1870	2.97	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	297	297	353	316	10.37	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2967	3025	2942	2978	1.44	cps
Rhodium	103-1	6919239	6924111	6922963	6922104	0.04	cps
Rhodium	103-2	1851187	1807012	1681979	1780059	4.93	cps
Scandium	45-1	3818928	3823722	3856549	3833066	0.53	cps
Scandium	45-2	31987	32608	29495	31363	5.25	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	6	4	7	6	33.38	cps
Selenium	82-1	204	230	311	248	22.50	cps
Silicon	28-1	327227	325708	322374	325103	0.76	cps
Silver	109-1	2775	2909	2934	2873	2.96	cps
Silver	107-1	3176	3134	3034	3114	2.34	cps
Sodium	23-2	6052	6468	6860	6460	6.26	cps
Strontium	86-1	1742	1675	1592	1670	4.50	cps
Strontium	88-1	6952	7052	6568	6858	3.72	cps
Sulfur	34-1	326237	325298	324328	325288	0.29	cps
Terbium	159-1	9056372	8818867	9005457	8960232	1.40	cps
Terbium	159-2	1868358	1850774	1711518	1810217	4.75	cps
Thallium	203-1	1867	1875	2034	1925	4.88	cps
Thallium	205-1	4701	5068	4318	4696	7.99	cps
Tin	118-1	2659	2750	2725	2712	1.75	cps
Titanium	47-1	408	542	325	425	25.72	cps
Uranium	238-1	5543	5326	5293	5388	2.52	cps
Vanadium	51-2	140	233	157	177	28.18	cps
Yttrium	89-1	7749385	7718883	7720087	7729452	0.22	cps
Yttrium	89-2	240021	235481	218679	231394	4.86	cps
Zinc	66-2	127	120	103	117	10.30	cps
Zirconium	90-1	4609	4326	4518	4484	3.23	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-11	Instrumnet Name :	P8
Client Sample ID :	IDL-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:07:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	925	925	908	920	1.05	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:10:37	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	83	17	47	71.32	cps
Antimony	121-1	2875	3017	2967	2953	2.43	cps
Arsenic	75-2	44	31	37	38	17.28	cps
Barium	135-1	3134	2992	2967	3031	2.97	cps
Barium	137-1	5276	4868	4960	5035	4.26	cps
Beryllium	9-1	289	283	267	280	4.13	cps
Bismuth	209-1	4859672	5215450	5129533	5068218	3.66	cps
Bismuth	209-2	1427598	1427142	1425639	1426793	0.07	cps
Boron	10-1	333	267	400	333	20.00	cps
Boron	11-1	1350	1225	1442	1339	8.12	cps
Cadmium	111-1	1501	1596	1935	1678	13.58	cps
Cadmium	106-1	1392	1400	1925	1572	19.44	cps
Cadmium	108-1	63	54	54	57	8.45	cps
Calcium	43-1	2400	2234	2050	2228	7.86	cps
Calcium	44-1	41053	41813	41287	41384	0.94	cps
Chromium	52-2	857	937	1007	933	8.04	cps
Cobalt	59-2	460	567	647	558	16.79	cps
Copper	63-2	1157	1083	1100	1113	3.45	cps
Dysprosium	156-1	17	50	17	28	69.27	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	8172618	8580299	8613999	8455639	2.91	cps
Holmium	165-2	1908925	1888354	1887328	1894869	0.64	cps
Indium	115-1	7107794	7379860	7292249	7259968	1.91	cps
Indium	115-2	320289	322790	320013	321031	0.48	cps
Iron	56-2	10293	10704	10198	10399	2.59	cps
Iron	57-2	294	344	244	294	16.98	cps
Lead	206-1	2089	1934	1961	1995	4.16	cps
Lead	207-1	1650	1811	1717	1726	4.69	cps
Lead	208-1	7962	7596	7873	7810	2.45	cps
Lithium	6-1	554135	585794	586976	575635	3.24	cps
Magnesium	24-2	1042	858	1000	967	9.94	cps
Manganese	55-2	113	167	153	144	19.21	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:10:37	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2250	2350	2150	2250	4.44	cps
Molybdenum	95-1	1200	1217	1200	1206	0.80	cps
Molybdenum	96-1	1642	1592	1600	1611	1.66	cps
Molybdenum	97-1	867	833	617	772	17.58	cps
Molybdenum	98-1	2084	1967	1984	2011	3.14	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	307	247	273	276	10.91	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2909	3000	3034	2981	2.17	cps
Rhodium	103-1	6539916	6919907	6819439	6759754	2.91	cps
Rhodium	103-2	1815486	1805576	1805868	1808977	0.31	cps
Scandium	45-1	3634467	3858556	3871093	3788039	3.51	cps
Scandium	45-2	32250	32568	31966	32262	0.93	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	4	9	7	41.70	cps
Selenium	82-1	299	212	233	248	18.15	cps
Silicon	28-1	329254	331387	324426	328356	1.09	cps
Silver	109-1	3067	2675	3009	2917	7.25	cps
Silver	107-1	2784	2859	3367	3003	10.57	cps
Sodium	23-2	7027	6393	6293	6571	6.05	cps
Strontium	86-1	1834	1725	1742	1767	3.30	cps
Strontium	88-1	6844	7127	7302	7091	3.26	cps
Sulfur	34-1	324829	322885	323696	323803	0.30	cps
Terbium	159-1	8547881	8929172	8989325	8822126	2.71	cps
Terbium	159-2	1846470	1852840	1832763	1844024	0.56	cps
Thallium	203-1	1967	1942	1909	1939	1.51	cps
Thallium	205-1	4526	4243	4618	4462	4.38	cps
Tin	118-1	3051	3109	2825	2995	5.00	cps
Titanium	47-1	500	433	342	425	18.71	cps
Uranium	238-1	5927	5576	5702	5735	3.09	cps
Vanadium	51-2	157	180	153	163	8.89	cps
Yttrium	89-1	7345902	7785271	7688263	7606479	3.03	cps
Yttrium	89-2	234550	236903	233772	235075	0.69	cps
Zinc	66-2	103	90	107	100	8.82	cps
Zirconium	90-1	4343	4184	4626	4384	5.11	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-12	Instrumnet Name :	P8
Client Sample ID :	IDL-12	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:10:37	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050	958	875	961	9.11	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:13:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	50	42	20.00	cps
Antimony	121-1	2667	2775	2675	2706	2.23	cps
Arsenic	75-2	31	26	35	31	15.10	cps
Barium	135-1	2525	2375	2792	2564	8.23	cps
Barium	137-1	4634	4651	4543	4609	1.27	cps
Beryllium	9-1	244	222	311	259	17.84	cps
Bismuth	209-1	5134996	5132210	5165786	5144331	0.36	cps
Bismuth	209-2	1401456	1362043	1418918	1394139	2.09	cps
Boron	10-1	333	225	317	292	20.00	cps
Boron	11-1	1292	1317	1400	1336	4.25	cps
Cadmium	111-1	1694	1498	1581	1591	6.19	cps
Cadmium	106-1	1659	1342	1442	1481	10.93	cps
Cadmium	108-1	42	71	46	53	29.89	cps
Calcium	43-1	2159	2259	2150	2189	2.75	cps
Calcium	44-1	40618	40660	40702	40660	0.10	cps
Chromium	52-2	850	947	860	886	6.00	cps
Cobalt	59-2	437	577	540	518	14.02	cps
Copper	63-2	1103	1053	1073	1077	2.34	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	83	25	17	42	87.18	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	25	75	67	56	48.22	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	8570932	8502157	8644358	8572482	0.83	cps
Holmium	165-2	1833250	1782160	1882649	1832686	2.74	cps
Indium	115-1	7428931	7473682	7573112	7491908	0.99	cps
Indium	115-2	313678	306858	319698	313411	2.05	cps
Iron	56-2	9359	9487	9843	9563	2.62	cps
Iron	57-2	250	278	239	256	7.84	cps
Lead	206-1	1956	1989	1889	1945	2.62	cps
Lead	207-1	1561	1611	1572	1582	1.66	cps
Lead	208-1	7434	7379	7373	7396	0.46	cps
Lithium	6-1	578761	583762	588363	583629	0.82	cps
Magnesium	24-2	1058	1100	1075	1078	1.95	cps
Manganese	55-2	147	193	143	161	17.35	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:13:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2017	1934	2009	1986	2.31	cps
Molybdenum	95-1	1233	1067	1042	1114	9.35	cps
Molybdenum	96-1	1425	1442	1417	1428	0.89	cps
Molybdenum	97-1	783	667	717	722	8.10	cps
Molybdenum	98-1	2000	1742	1925	1889	7.04	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	247	277	267	263	5.80	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2825	3242	2575	2881	11.69	cps
Rhodium	103-1	6891968	6875964	6980573	6916168	0.81	cps
Rhodium	103-2	1764471	1706114	1814863	1761816	3.09	cps
Scandium	45-1	3857407	3812025	3930119	3866517	1.54	cps
Scandium	45-2	31736	30834	32281	31617	2.31	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	6	13	9	9	39.96	cps
Selenium	82-1	199	174	304	226	30.55	cps
Silicon	28-1	324817	330344	352609	335923	4.38	cps
Silver	109-1	2609	2984	2659	2750	7.41	cps
Silver	107-1	2917	2775	2750	2814	3.19	cps
Sodium	23-2	6477	6193	6102	6257	3.13	cps
Strontium	86-1	1767	1517	1784	1689	8.85	cps
Strontium	88-1	6510	6393	6427	6443	0.93	cps
Sulfur	34-1	317998	320654	320638	319763	0.48	cps
Terbium	159-1	9035500	8937724	8955160	8976128	0.58	cps
Terbium	159-2	1802284	1719846	1823004	1781711	3.06	cps
Thallium	203-1	1809	1659	1817	1761	5.06	cps
Thallium	205-1	4243	4276	4134	4218	1.76	cps
Tin	118-1	2475	2425	2175	2359	6.82	cps
Titanium	47-1	450	283	425	386	23.28	cps
Uranium	238-1	4993	5001	5318	5104	3.63	cps
Vanadium	51-2	247	187	177	203	18.62	cps
Yttrium	89-1	7721803	7799521	7809353	7776892	0.62	cps
Yttrium	89-2	231194	223555	235316	230022	2.59	cps
Zinc	66-2	120	83	93	99	19.16	cps
Zirconium	90-1	4259	3876	3834	3990	5.87	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-13	Instrumnet Name :	P8
Client Sample ID :	IDL-13	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:13:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	825	925	950	900	7.35	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:16:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	83	25	58	51.51	cps
Antimony	121-1	3034	2775	2825	2878	4.76	cps
Arsenic	75-2	33	24	35	31	19.30	cps
Barium	135-1	2984	3101	2892	2992	3.49	cps
Barium	137-1	5151	5185	4893	5076	3.15	cps
Beryllium	9-1	278	328	272	293	10.46	cps
Bismuth	209-1	5062863	4749899	5014598	4942454	3.41	cps
Bismuth	209-2	1448893	1420922	1411086	1426967	1.37	cps
Boron	10-1	233	275	333	281	17.90	cps
Boron	11-1	1208	1108	1117	1145	4.85	cps
Cadmium	111-1	1656	1717	1737	1703	2.46	cps
Cadmium	106-1	1600	1584	1509	1564	3.12	cps
Cadmium	108-1	38	29	33	33	12.50	cps
Calcium	43-1	2350	2342	2284	2325	1.56	cps
Calcium	44-1	40952	39615	40309	40292	1.66	cps
Chromium	52-2	860	940	903	901	4.44	cps
Cobalt	59-2	567	597	557	573	3.63	cps
Copper	63-2	1067	1113	1110	1097	2.37	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	0	17	3	7	132.33	cps
Gadolinium	160-1	50	33	75	53	39.74	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	8459972	7951011	8368685	8259889	3.29	cps
Holmium	165-2	1922501	1881574	1854983	1886353	1.80	cps
Indium	115-1	7397808	6927134	7304308	7209750	3.46	cps
Indium	115-2	326733	321948	320300	322994	1.03	cps
Iron	56-2	10582	10354	10254	10397	1.62	cps
Iron	57-2	300	239	289	276	11.80	cps
Lead	206-1	2039	1717	2006	1921	9.23	cps
Lead	207-1	1722	1772	1683	1726	2.58	cps
Lead	208-1	7734	7851	7851	7812	0.86	cps
Lithium	6-1	582076	549061	564692	565276	2.92	cps
Magnesium	24-2	1008	900	875	928	7.64	cps
Manganese	55-2	177	223	190	197	12.22	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:16:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2467	2359	2442	2423	2.34	cps
Molybdenum	95-1	1175	1342	1408	1308	9.19	cps
Molybdenum	96-1	1675	1517	1492	1561	6.37	cps
Molybdenum	97-1	1017	675	725	806	22.91	cps
Molybdenum	98-1	1867	2259	1742	1956	13.79	cps
Neodymium	150-1	33	20	0	18	94.37	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	300	290	280	290	3.45	cps
Phosphorus	31-2	33	17	8	19	65.48	cps
Potassium	39-2	2934	2867	2992	2931	2.13	cps
Rhodium	103-1	6851426	6436038	6735769	6674411	3.21	cps
Rhodium	103-2	1828299	1794344	1794623	1805755	1.08	cps
Scandium	45-1	3795568	3617821	3782096	3731828	2.65	cps
Scandium	45-2	32849	32545	32671	32688	0.47	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	6	9	7	7	24.97	cps
Selenium	82-1	293	175	205	225	27.19	cps
Silicon	28-1	327608	320691	330390	326230	1.53	cps
Silver	109-1	2800	2867	2884	2850	1.55	cps
Silver	107-1	2884	2817	2725	2809	2.83	cps
Sodium	23-2	6127	6093	6135	6118	0.36	cps
Strontium	86-1	1617	1650	1617	1628	1.18	cps
Strontium	88-1	7102	6827	6660	6863	3.25	cps
Sulfur	34-1	321310	321406	316887	319868	0.81	cps
Terbium	159-1	8849009	8415311	8776735	8680352	2.68	cps
Terbium	159-2	1867272	1817561	1815852	1833562	1.59	cps
Thallium	203-1	1884	1909	2017	1936	3.66	cps
Thallium	205-1	4709	4626	4418	4584	3.28	cps
Tin	118-1	2734	2750	2584	2689	3.41	cps
Titanium	47-1	425	342	408	392	11.26	cps
Uranium	238-1	5143	5485	4876	5168	5.90	cps
Vanadium	51-2	210	240	207	219	8.39	cps
Yttrium	89-1	7797884	7336780	7627250	7587305	3.07	cps
Yttrium	89-2	238357	233720	234762	235613	1.03	cps
Zinc	66-2	100	100	123	108	12.50	cps
Zirconium	90-1	4293	4709	4459	4487	4.68	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-14	Instrumnet Name :	P8
Client Sample ID :	IDL-14	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:16:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	958	967	1058	995	5.58	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:20:06	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306535	305942	300418	304299	1.11	cps
Antimony	121-1	5074496	5121799	5093782	5096692	0.47	cps
Arsenic	75-2	53789	53019	52720	53176	1.04	cps
Barium	135-1	5210792	5286749	5257862	5251801	0.73	cps
Barium	137-1	9038409	9118081	9082535	9079675	0.44	cps
Beryllium	9-1	436746	434923	434964	435545	0.24	cps
Bismuth	209-1	4751721	4707001	4794125	4750949	0.92	cps
Bismuth	209-2	1310966	1332300	1327309	1323525	0.84	cps
Boron	10-1	51410	52631	52322	52121	1.22	cps
Boron	11-1	244126	246604	251102	247277	1.43	cps
Cadmium	111-1	1058602	1068959	1057261	1061607	0.60	cps
Cadmium	106-1	108543	108979	108971	108831	0.23	cps
Cadmium	108-1	74023	74270	73864	74052	0.28	cps
Calcium	43-1	4765379	4697381	4803126	4755295	1.13	cps
Calcium	44-1	77681116	77635375	77896241	77737577	0.18	cps
Chromium	52-2	437482	436327	436502	436770	0.14	cps
Cobalt	59-2	928653	925078	920769	924833	0.43	cps
Copper	63-2	1622199	1620365	1650685	1631083	1.04	cps
Dysprosium	156-1	150	150	117	139	13.86	cps
Dysprosium	156-2	13	17	13	14	13.35	cps
Erbium	164-1	75	108	42	75	44.44	cps
Erbium	164-2	13	20	3	12	68.66	cps
Gadolinium	160-1	117	150	67	111	37.75	cps
Gadolinium	160-2	30	33	23	29	17.63	cps
Holmium	165-1	8335699	8244066	8239092	8272952	0.66	cps
Holmium	165-2	1815300	1849503	1823822	1829542	0.97	cps
Indium	115-1	6749284	6544724	6716545	6670184	1.65	cps
Indium	115-2	286752	291524	291082	289786	0.91	cps
Iron	56-2	71648735	72056479	71289554	71664923	0.54	cps
Iron	57-2	1846700	1846429	1842547	1845225	0.13	cps
Lead	206-1	2831846	2854739	2855164	2847250	0.47	cps
Lead	207-1	2610943	2617668	2614270	2614294	0.13	cps
Lead	208-1	11554145	11628319	11584867	11589110	0.32	cps
Lithium	6-1	525836	521930	526930	524898	0.50	cps
Magnesium	24-2	7302480	7369976	7332430	7334962	0.46	cps
Manganese	55-2	241556	243960	240661	242059	0.70	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:20:06	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3994899	4043151	4025723	4021258	0.61	cps
Molybdenum	95-1	2154294	2176648	2168997	2166646	0.52	cps
Molybdenum	96-1	2796914	2843045	2792009	2810656	1.00	cps
Molybdenum	97-1	1299104	1322031	1309036	1310057	0.88	cps
Molybdenum	98-1	3411493	3492991	3504097	3469527	1.46	cps
Neodymium	150-1	253	240	267	253	5.26	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	271528	272236	271090	271618	0.21	cps
Phosphorus	31-2	4468	4334	4409	4404	1.52	cps
Potassium	39-2	2238197	2209410	2196137	2214581	0.97	cps
Rhodium	103-1	6077403	5952148	6074409	6034654	1.18	cps
Rhodium	103-2	1604658	1596178	1634040	1611625	1.23	cps
Scandium	45-1	3603826	3501494	3531028	3545449	1.49	cps
Scandium	45-2	30109	30206	30373	30229	0.44	cps
Selenium	77-2	430	343	397	390	11.21	cps
Selenium	78-2	1293	1289	1161	1248	6.00	cps
Selenium	82-1	64072	64416	63995	64161	0.35	cps
Silicon	28-1	2015368	2084878	2068734	2056326	1.77	cps
Silver	109-1	4952942	4969009	5013128	4978360	0.63	cps
Silver	107-1	5123226	5200164	5153754	5159048	0.75	cps
Sodium	23-2	17842595	17803153	17577550	17741100	0.81	cps
Strontium	86-1	1384460	1424605	1398747	1402604	1.45	cps
Strontium	88-1	11935141	12156978	12102326	12064815	0.96	cps
Sulfur	34-1	589410	585757	584661	586609	0.42	cps
Terbium	159-1	8731886	8532788	8605879	8623518	1.17	cps
Terbium	159-2	1756476	1760751	1790953	1769393	1.06	cps
Thallium	203-1	3498064	3564816	3538400	3533760	0.95	cps
Thallium	205-1	8177506	8405342	8215052	8265967	1.48	cps
Tin	118-1	3563679	3621663	3579870	3588404	0.83	cps
Titanium	47-1	499192	500861	496588	498881	0.43	cps
Uranium	238-1	10539731	10837356	10670726	10682604	1.40	cps
Vanadium	51-2	327143	329537	323960	326880	0.86	cps
Yttrium	89-1	7201569	7099739	7135911	7145739	0.72	cps
Yttrium	89-2	219951	221422	219866	220413	0.40	cps
Zinc	66-2	141136	140705	139183	140341	0.73	cps
Zirconium	90-1	7502241	7635040	7493403	7543561	1.05	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:20:06	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1701133	1711010	1675706	1695950	1.07	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : CCB48 Instrumnet Name : P8
 Client Sample ID : CCB48 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 15:27:18 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	33	19	65.47	cps
Antimony	121-1	967	1100	875	981	11.54	cps
Arsenic	75-2	0	6	2	2	114.63	cps
Barium	135-1	42	33	67	47	36.74	cps
Barium	137-1	58	108	125	97	35.68	cps
Beryllium	9-1	78	94	100	91	12.74	cps
Bismuth	209-1	5296350	5293106	5234795	5274750	0.66	cps
Bismuth	209-2	1451490	1382205	1401265	1411653	2.54	cps
Boron	10-1	533	583	592	569	5.54	cps
Boron	11-1	2367	2434	2592	2464	4.69	cps
Cadmium	111-1	1090	966	1062	1039	6.27	cps
Cadmium	106-1	1542	1367	1508	1472	6.31	cps
Cadmium	108-1	8	17	21	15	41.67	cps
Calcium	43-1	1725	1575	1684	1661	4.66	cps
Calcium	44-1	32046	31828	31712	31862	0.53	cps
Chromium	52-2	690	743	717	717	3.72	cps
Cobalt	59-2	33	37	30	33	10.01	cps
Copper	63-2	210	127	143	160	27.56	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	25	25	22	21.64	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	75	50	67	64	19.92	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	8754737	8768843	8713257	8745612	0.33	cps
Holmium	165-2	1917617	1819614	1843436	1860222	2.75	cps
Indium	115-1	7506022	7521574	7487693	7505096	0.23	cps
Indium	115-2	324003	307717	313048	314923	2.64	cps
Iron	56-2	2061	2117	2178	2119	2.76	cps
Iron	57-2	50	39	61	50	22.22	cps
Lead	206-1	606	633	583	607	4.12	cps
Lead	207-1	600	517	594	570	8.17	cps
Lead	208-1	2289	2600	2445	2445	6.36	cps
Lithium	6-1	588407	589594	588672	588891	0.11	cps
Magnesium	24-2	125	125	175	142	20.38	cps
Manganese	55-2	40	37	53	43	20.34	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:27:18	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	325	333	347	9.09	cps
Molybdenum	95-1	92	150	125	122	23.95	cps
Molybdenum	96-1	267	200	242	236	14.26	cps
Molybdenum	97-1	158	117	67	114	40.30	cps
Molybdenum	98-1	100	67	83	83	20.00	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	107	120	114	6.06	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2459	2842	3034	2778	10.54	cps
Rhodium	103-1	6896308	7077378	6943704	6972463	1.35	cps
Rhodium	103-2	1806599	1735050	1775454	1772367	2.02	cps
Scandium	45-1	3853299	3905936	3885552	3881596	0.68	cps
Scandium	45-2	31957	31072	31021	31350	1.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-116	-144	-35	-98	-57.54	cps
Silicon	28-1	316421	321533	320441	319465	0.84	cps
Silver	109-1	200	183	217	200	8.33	cps
Silver	107-1	158	200	167	175	12.60	cps
Sodium	23-2	6118	5651	5568	5779	5.13	cps
Strontium	86-1	1050	917	975	981	6.82	cps
Strontium	88-1	117	183	183	161	23.89	cps
Sulfur	34-1	305691	309104	308941	307912	0.63	cps
Terbium	159-1	9107497	9259249	9177119	9181288	0.83	cps
Terbium	159-2	1856115	1755880	1801834	1804610	2.78	cps
Thallium	203-1	250	175	250	225	19.24	cps
Thallium	205-1	508	650	683	614	15.14	cps
Tin	118-1	1183	1008	967	1053	10.92	cps
Titanium	47-1	125	133	217	158	32.01	cps
Uranium	238-1	100	100	100	100	0.01	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Yttrium	89-1	7776031	7885375	7794837	7818748	0.75	cps
Yttrium	89-2	235721	224369	230034	230041	2.47	cps
Zinc	66-2	27	30	23	27	12.51	cps
Zirconium	90-1	683	658	642	661	3.17	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:27:18	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	142	92	133	28.64	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:30:28	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	58	67	12.49	cps
Antimony	121-1	3367	3167	3451	3328	4.38	cps
Arsenic	75-2	48	35	20	35	40.21	cps
Barium	135-1	2617	2817	2892	2775	5.12	cps
Barium	137-1	4926	4668	4851	4815	2.76	cps
Beryllium	9-1	306	300	294	300	1.85	cps
Bismuth	209-1	5312017	5059149	5240680	5203948	2.51	cps
Bismuth	209-2	1465454	1455090	1451694	1457413	0.49	cps
Boron	10-1	475	508	500	494	3.51	cps
Boron	11-1	2267	1909	2134	2103	8.61	cps
Cadmium	111-1	1546	1526	1652	1575	4.32	cps
Cadmium	106-1	1475	1283	1575	1445	10.26	cps
Cadmium	108-1	71	50	54	58	18.89	cps
Calcium	43-1	1925	2225	2659	2270	16.25	cps
Calcium	44-1	40443	41044	40886	40791	0.76	cps
Chromium	52-2	970	857	987	938	7.54	cps
Cobalt	59-2	617	500	580	566	10.55	cps
Copper	63-2	1027	1047	1087	1053	2.90	cps
Dysprosium	156-1	33	17	0	17	100.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	67	108	67	81	29.86	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	8862522	8262028	8559744	8561431	3.51	cps
Holmium	165-2	1943669	1913976	1905339	1920995	1.05	cps
Indium	115-1	7528055	7138712	7464414	7377060	2.83	cps
Indium	115-2	327862	325370	324669	325967	0.51	cps
Iron	56-2	10304	9982	10660	10315	3.29	cps
Iron	57-2	267	250	283	267	6.25	cps
Lead	206-1	1922	1995	2050	1989	3.22	cps
Lead	207-1	1895	1795	1934	1874	3.82	cps
Lead	208-1	8351	8062	8207	8207	1.76	cps
Lithium	6-1	587427	556924	585896	576749	2.98	cps
Magnesium	24-2	900	983	1000	961	5.57	cps
Manganese	55-2	170	150	200	173	14.52	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:30:28	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2067	1950	2250	2089	7.24	cps
Molybdenum	95-1	1033	1192	1192	1139	8.03	cps
Molybdenum	96-1	1483	1650	1700	1611	7.04	cps
Molybdenum	97-1	808	583	725	706	16.12	cps
Molybdenum	98-1	1692	1875	1892	1820	6.10	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	293	263	290	282	5.83	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	3276	3101	3100	3159	3.20	cps
Rhodium	103-1	6939374	6589336	6897601	6808771	2.81	cps
Rhodium	103-2	1854000	1825796	1857707	1845834	0.95	cps
Scandium	45-1	3905842	3703483	3833481	3814269	2.69	cps
Scandium	45-2	32929	32635	32985	32850	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	230	182	278	230	20.78	cps
Silicon	28-1	320860	320181	329054	323365	1.53	cps
Silver	109-1	2634	2700	2884	2739	4.73	cps
Silver	107-1	2850	3117	3026	2998	4.52	cps
Sodium	23-2	7135	7394	7227	7252	1.81	cps
Strontium	86-1	1675	1500	1684	1620	6.39	cps
Strontium	88-1	6910	7211	6285	6802	6.94	cps
Sulfur	34-1	311220	306548	308694	308821	0.76	cps
Terbium	159-1	9162114	8584234	9101895	8949414	3.55	cps
Terbium	159-2	1913274	1841424	1835333	1863344	2.33	cps
Thallium	203-1	2084	2042	2000	2042	2.04	cps
Thallium	205-1	4926	4651	4784	4787	2.87	cps
Tin	118-1	2934	3076	2967	2992	2.48	cps
Titanium	47-1	442	450	358	417	12.17	cps
Uranium	238-1	5426	5660	5727	5604	2.81	cps
Vanadium	51-2	160	190	147	166	13.41	cps
Yttrium	89-1	7846925	7396146	7791119	7678063	3.20	cps
Yttrium	89-2	238442	236538	237625	237535	0.40	cps
Zinc	66-2	130	113	100	114	13.13	cps
Zirconium	90-1	4376	4259	4526	4387	3.05	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-15	Instrumnet Name :	P8
Client Sample ID :	IDL-15	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:30:28	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1050	925	992	989	6.33	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:33:38	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	50	44	10.82	cps
Antimony	121-1	2925	3126	2800	2950	5.56	cps
Arsenic	75-2	33	28	28	30	10.81	cps
Barium	135-1	3050	2884	2642	2859	7.18	cps
Barium	137-1	4826	4609	4184	4540	7.19	cps
Beryllium	9-1	289	306	278	291	4.81	cps
Bismuth	209-1	5295325	5058920	5173372	5175872	2.28	cps
Bismuth	209-2	1458370	1439050	1404782	1434067	1.89	cps
Boron	10-1	458	433	475	456	4.60	cps
Boron	11-1	1850	1950	1609	1803	9.74	cps
Cadmium	111-1	1540	1576	1597	1571	1.83	cps
Cadmium	106-1	1475	1492	1500	1489	0.86	cps
Cadmium	108-1	67	38	58	54	27.74	cps
Calcium	43-1	2250	2267	2275	2264	0.56	cps
Calcium	44-1	40593	41362	39932	40629	1.76	cps
Chromium	52-2	860	977	933	923	6.39	cps
Cobalt	59-2	530	490	523	514	4.17	cps
Copper	63-2	1037	1190	1103	1110	6.93	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	75	58	58	64	15.05	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	8781563	8455680	8701431	8646225	1.96	cps
Holmium	165-2	1937228	1897124	1860115	1898155	2.03	cps
Indium	115-1	7556170	7299855	7445834	7433953	1.73	cps
Indium	115-2	324966	324131	316849	321982	1.39	cps
Iron	56-2	9915	9904	10526	10115	3.52	cps
Iron	57-2	294	233	244	257	12.65	cps
Lead	206-1	1989	1934	1967	1963	1.42	cps
Lead	207-1	1878	1834	1745	1819	3.73	cps
Lead	208-1	8162	8023	8196	8127	1.12	cps
Lithium	6-1	587195	572484	581388	580355	1.28	cps
Magnesium	24-2	875	883	950	903	4.55	cps
Manganese	55-2	190	167	190	182	7.39	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:33:38	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2200	2225	2275	2234	1.71	cps
Molybdenum	95-1	1067	1208	1200	1158	6.86	cps
Molybdenum	96-1	1358	1483	1433	1425	4.42	cps
Molybdenum	97-1	725	775	783	761	4.14	cps
Molybdenum	98-1	1725	1959	2025	1903	8.28	cps
Neodymium	150-1	20	33	27	27	24.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	303	270	277	8.69	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	2684	2759	2909	2784	4.12	cps
Rhodium	103-1	7017442	6786180	6900909	6901510	1.68	cps
Rhodium	103-2	1842067	1824454	1767596	1811372	2.15	cps
Scandium	45-1	3859996	3666462	3825283	3783914	2.73	cps
Scandium	45-2	32798	32484	32040	32441	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	6	6	33.38	cps
Selenium	82-1	163	84	216	155	42.88	cps
Silicon	28-1	321838	327303	323157	324099	0.88	cps
Silver	109-1	2617	2650	2884	2717	5.35	cps
Silver	107-1	3084	2942	2792	2939	4.96	cps
Sodium	23-2	6777	6744	6835	6785	0.68	cps
Strontium	86-1	1483	1550	1767	1600	9.26	cps
Strontium	88-1	6719	6685	6302	6569	3.53	cps
Sulfur	34-1	311105	309458	310555	310372	0.27	cps
Terbium	159-1	9187008	8891958	9140159	9073042	1.75	cps
Terbium	159-2	1870322	1828569	1813455	1837449	1.60	cps
Thallium	203-1	1892	1950	2059	1967	4.30	cps
Thallium	205-1	4526	4751	4484	4587	3.13	cps
Tin	118-1	2342	2967	2792	2700	11.94	cps
Titanium	47-1	392	292	375	353	15.19	cps
Uranium	238-1	5260	5610	5518	5463	3.32	cps
Vanadium	51-2	180	203	180	188	7.18	cps
Yttrium	89-1	7897268	7612902	7821542	7777237	1.89	cps
Yttrium	89-2	238805	235293	233716	235938	1.10	cps
Zinc	66-2	120	157	110	129	19.06	cps
Zirconium	90-1	4243	4976	4393	4537	8.54	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-16	Instrumnet Name :	P8
Client Sample ID :	IDL-16	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:33:38	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1142	958	1108	1070	9.13	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:36:47	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	67	56	22.91	cps
Antimony	121-1	3042	2809	2925	2925	3.99	cps
Arsenic	75-2	28	20	30	26	18.90	cps
Barium	135-1	2734	2925	2667	2775	4.83	cps
Barium	137-1	4443	5026	4993	4821	6.80	cps
Beryllium	9-1	394	244	300	313	24.23	cps
Bismuth	209-1	5007905	5018289	4931057	4985750	0.96	cps
Bismuth	209-2	1420327	1387175	1422583	1410028	1.41	cps
Boron	10-1	300	358	275	311	13.75	cps
Boron	11-1	1375	1834	1742	1650	14.70	cps
Cadmium	111-1	1654	1719	1399	1591	10.64	cps
Cadmium	106-1	1542	1567	1217	1442	13.54	cps
Cadmium	108-1	83	46	88	72	31.78	cps
Calcium	43-1	2467	2575	2484	2509	2.33	cps
Calcium	44-1	43836	45332	44873	44680	1.72	cps
Chromium	52-2	907	897	990	931	5.50	cps
Cobalt	59-2	547	577	573	566	2.91	cps
Copper	63-2	1150	1153	1180	1161	1.42	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	83	58	67	69	18.33	cps
Gadolinium	160-2	3	0	13	6	124.93	cps
Holmium	165-1	8452304	8480282	8327473	8420020	0.97	cps
Holmium	165-2	1862336	1848359	1869902	1860199	0.59	cps
Indium	115-1	7300105	7328020	7221992	7283372	0.75	cps
Indium	115-2	320784	312986	322263	318678	1.56	cps
Iron	56-2	10527	10126	10749	10467	3.02	cps
Iron	57-2	300	350	294	315	9.72	cps
Lead	206-1	1950	1811	2034	1932	5.81	cps
Lead	207-1	1667	1689	1661	1672	0.88	cps
Lead	208-1	7723	7885	7618	7742	1.74	cps
Lithium	6-1	562642	572780	563187	566203	1.01	cps
Magnesium	24-2	1033	1158	933	1042	10.82	cps
Manganese	55-2	153	190	180	174	10.86	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:36:47	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2159	2367	2434	2320	6.18	cps
Molybdenum	95-1	1167	1150	1108	1142	2.63	cps
Molybdenum	96-1	1750	1575	1584	1636	6.03	cps
Molybdenum	97-1	658	817	783	753	11.09	cps
Molybdenum	98-1	1800	1767	2042	1870	8.03	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	313	260	270	281	10.08	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	3259	3075	3201	3178	2.95	cps
Rhodium	103-1	6680090	6739421	6683429	6700980	0.50	cps
Rhodium	103-2	1797551	1765859	1794115	1785842	0.97	cps
Scandium	45-1	3770236	3812196	3720780	3767737	1.21	cps
Scandium	45-2	32384	31539	32601	32175	1.74	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	11	13	6	10	38.99	cps
Selenium	82-1	273	232	200	235	15.59	cps
Silicon	28-1	322370	325114	327509	324997	0.79	cps
Silver	109-1	2900	2767	2617	2762	5.13	cps
Silver	107-1	2992	3042	2950	2995	1.53	cps
Sodium	23-2	6535	7344	6777	6885	6.03	cps
Strontium	86-1	1684	1784	1709	1725	3.02	cps
Strontium	88-1	6844	6919	6602	6788	2.44	cps
Sulfur	34-1	314458	314686	310907	313350	0.68	cps
Terbium	159-1	8839396	8880168	8706108	8808557	1.03	cps
Terbium	159-2	1830021	1760562	1835976	1808853	2.32	cps
Thallium	203-1	2225	1884	1709	1939	13.55	cps
Thallium	205-1	4609	5060	4876	4848	4.67	cps
Tin	118-1	2642	2517	2700	2620	3.58	cps
Titanium	47-1	433	367	333	378	13.48	cps
Uranium	238-1	5360	5718	5310	5463	4.08	cps
Vanadium	51-2	207	200	157	188	14.46	cps
Yttrium	89-1	7492680	7617527	7532866	7547691	0.84	cps
Yttrium	89-2	234852	229357	235504	233238	1.45	cps
Zinc	66-2	120	100	147	122	19.16	cps
Zirconium	90-1	4026	4418	4343	4262	4.88	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-17	Instrumnet Name :	P8
Client Sample ID :	IDL-17	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:36:47	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	958	1033	808	933	12.28	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:39:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	17	31	56.77	cps
Antimony	121-1	2909	3034	2742	2895	5.06	cps
Arsenic	75-2	24	37	43	35	27.50	cps
Barium	135-1	2750	2800	2834	2795	1.50	cps
Barium	137-1	4910	4759	4868	4846	1.60	cps
Beryllium	9-1	200	267	344	270	26.74	cps
Bismuth	209-1	4800975	5013670	5103748	4972797	3.13	cps
Bismuth	209-2	1435309	1433286	1429130	1432575	0.22	cps
Boron	10-1	367	292	292	317	13.67	cps
Boron	11-1	1450	1342	1450	1414	4.42	cps
Cadmium	111-1	1587	1567	1604	1586	1.17	cps
Cadmium	106-1	1459	1475	1467	1467	0.57	cps
Cadmium	108-1	54	46	50	50	8.34	cps
Calcium	43-1	2159	2284	2317	2253	3.71	cps
Calcium	44-1	41003	40309	40476	40596	0.89	cps
Chromium	52-2	1027	917	807	917	12.00	cps
Cobalt	59-2	587	537	567	563	4.47	cps
Copper	63-2	1127	1080	997	1068	6.17	cps
Dysprosium	156-1	8	33	33	25	57.75	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	58	58	25	47	40.76	cps
Gadolinium	160-2	3	13	0	6	124.93	cps
Holmium	165-1	8049184	8392951	8467696	8303277	2.69	cps
Holmium	165-2	1903148	1908422	1884361	1898644	0.67	cps
Indium	115-1	7027106	7335245	7413326	7258559	2.81	cps
Indium	115-2	325679	324416	327172	325756	0.42	cps
Iron	56-2	10538	10293	10254	10362	1.48	cps
Iron	57-2	217	289	261	256	14.25	cps
Lead	206-1	1934	1734	1984	1884	7.02	cps
Lead	207-1	1700	1678	1845	1741	5.20	cps
Lead	208-1	7851	7612	8007	7823	2.54	cps
Lithium	6-1	544957	562806	575831	561198	2.76	cps
Magnesium	24-2	992	1058	933	995	6.29	cps
Manganese	55-2	197	177	187	187	5.36	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:39:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2592	1992	2159	2248	13.78	cps
Molybdenum	95-1	1283	1075	1167	1175	8.89	cps
Molybdenum	96-1	1550	1525	1483	1520	2.22	cps
Molybdenum	97-1	808	825	825	820	1.17	cps
Molybdenum	98-1	1825	1859	1817	1834	1.20	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	317	310	288	15.43	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3217	3059	3042	3106	3.11	cps
Rhodium	103-1	6608470	6728425	6839147	6725347	1.72	cps
Rhodium	103-2	1836259	1803063	1801673	1813665	1.08	cps
Scandium	45-1	3649628	3808183	3830839	3762884	2.62	cps
Scandium	45-2	32795	32407	33149	32784	1.13	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	6	11	2	6	75.49	cps
Selenium	82-1	199	166	195	187	9.56	cps
Silicon	28-1	319799	333558	323815	325724	2.17	cps
Silver	109-1	2692	2967	2792	2817	4.94	cps
Silver	107-1	2800	2959	2775	2845	3.50	cps
Sodium	23-2	7077	6719	6485	6760	4.41	cps
Strontium	86-1	1900	1567	1750	1739	9.60	cps
Strontium	88-1	6835	7252	6577	6888	4.95	cps
Sulfur	34-1	313183	313831	314001	313672	0.14	cps
Terbium	159-1	8474459	8879881	8966784	8773708	3.00	cps
Terbium	159-2	1866849	1854492	1831787	1851043	0.96	cps
Thallium	203-1	1992	1909	1800	1900	5.06	cps
Thallium	205-1	4734	4334	4434	4501	4.63	cps
Tin	118-1	2534	2667	2609	2603	2.57	cps
Titanium	47-1	292	358	408	353	16.59	cps
Uranium	238-1	5226	4968	5293	5162	3.33	cps
Vanadium	51-2	210	200	170	193	10.77	cps
Yttrium	89-1	7378839	7676223	7765844	7606969	2.66	cps
Yttrium	89-2	239268	238694	239502	239155	0.17	cps
Zinc	66-2	107	97	107	103	5.59	cps
Zirconium	90-1	4042	4426	4551	4340	6.11	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-18	Instrumnet Name :	P8
Client Sample ID :	IDL-18	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:39:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	975	775	975	908	12.71	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : IDL-19 Instrumnet Name : P8
 Client Sample ID : IDL-19 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 15:43:06 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	75	42	53	36.46	cps
Antimony	121-1	2867	3059	2842	2923	4.06	cps
Arsenic	75-2	30	30	28	29	3.68	cps
Barium	135-1	2759	2717	3042	2839	6.23	cps
Barium	137-1	5018	4826	5101	4982	2.83	cps
Beryllium	9-1	283	328	306	306	7.27	cps
Bismuth	209-1	5063889	5123744	5035776	5074469	0.89	cps
Bismuth	209-2	1439044	1430291	1426378	1431904	0.45	cps
Boron	10-1	342	208	283	278	24.06	cps
Boron	11-1	1350	1367	1483	1400	5.19	cps
Cadmium	111-1	1688	1516	1499	1568	6.65	cps
Cadmium	106-1	1600	1442	1467	1503	5.66	cps
Cadmium	108-1	58	50	75	61	20.83	cps
Calcium	43-1	2184	1942	2150	2092	6.26	cps
Calcium	44-1	39691	40685	40910	40429	1.61	cps
Chromium	52-2	970	923	977	957	3.04	cps
Cobalt	59-2	557	523	537	539	3.11	cps
Copper	63-2	1170	1183	1120	1158	2.88	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	33	25	39	44.62	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	67	17	8	31	103.26	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	8519627	8407415	8416648	8447897	0.74	cps
Holmium	165-2	1897584	1895244	1879083	1890637	0.53	cps
Indium	115-1	7420900	7370424	7439846	7410390	0.48	cps
Indium	115-2	328109	327314	327129	327517	0.16	cps
Iron	56-2	10265	10365	10065	10232	1.49	cps
Iron	57-2	194	194	278	222	21.65	cps
Lead	206-1	2056	1956	1822	1945	6.02	cps
Lead	207-1	1845	1661	1700	1735	5.57	cps
Lead	208-1	8074	7668	7712	7818	2.85	cps
Lithium	6-1	579336	573593	572953	575294	0.61	cps
Magnesium	24-2	1100	900	1050	1017	10.24	cps
Manganese	55-2	183	173	127	161	18.77	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-19	Instrumnet Name :	P8
Client Sample ID :	IDL-19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:43:06	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2192	2392	1892	2159	11.66	cps
Molybdenum	95-1	1150	1058	1108	1106	4.15	cps
Molybdenum	96-1	1542	1484	1575	1534	3.03	cps
Molybdenum	97-1	725	775	725	742	3.89	cps
Molybdenum	98-1	2009	1975	1984	1989	0.87	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	277	287	270	7.71	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3409	2875	3059	3114	8.70	cps
Rhodium	103-1	6895515	6854744	6878603	6876287	0.30	cps
Rhodium	103-2	1840640	1823392	1827117	1830383	0.50	cps
Scandium	45-1	3897703	3862955	3866411	3875690	0.49	cps
Scandium	45-2	32361	31843	32498	32234	1.07	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	15	13	13	14	7.87	cps
Selenium	82-1	237	153	213	201	21.45	cps
Silicon	28-1	325886	316309	325589	322595	1.69	cps
Silver	109-1	2867	2717	2584	2723	5.21	cps
Silver	107-1	2709	2884	2784	2792	3.14	cps
Sodium	23-2	7202	6577	6285	6688	7.01	cps
Strontium	86-1	1634	1784	1967	1795	9.30	cps
Strontium	88-1	7302	6477	6919	6899	5.99	cps
Sulfur	34-1	315423	319183	316572	317059	0.61	cps
Terbium	159-1	8972088	8902952	8884765	8919935	0.52	cps
Terbium	159-2	1856038	1829468	1842640	1842715	0.72	cps
Thallium	203-1	1700	2017	1759	1825	9.24	cps
Thallium	205-1	4484	4284	4318	4362	2.46	cps
Tin	118-1	2392	2525	2659	2525	5.28	cps
Titanium	47-1	425	467	408	433	6.93	cps
Uranium	238-1	5426	4901	5301	5210	5.27	cps
Vanadium	51-2	177	190	157	174	9.62	cps
Yttrium	89-1	7946852	7827370	7732266	7835496	1.37	cps
Yttrium	89-2	239901	239367	238902	239390	0.21	cps
Zinc	66-2	157	100	117	124	23.40	cps
Zirconium	90-1	4368	3876	4284	4176	6.30	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-19	Instrumnet Name :	P8
Client Sample ID :	IDL-19	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:43:06	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1017	925	817	920	10.89	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:46:16	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	25	42	40.00	cps
Antimony	121-1	2925	3109	2717	2917	6.72	cps
Arsenic	75-2	39	31	33	35	11.16	cps
Barium	135-1	2667	2692	2859	2739	3.80	cps
Barium	137-1	5068	4893	4859	4940	2.27	cps
Beryllium	9-1	311	250	261	274	11.88	cps
Bismuth	209-1	4963764	5046305	5053505	5021191	0.99	cps
Bismuth	209-2	1342163	1421801	1415879	1393281	3.18	cps
Boron	10-1	317	258	300	292	10.30	cps
Boron	11-1	1233	1117	1267	1206	6.53	cps
Cadmium	111-1	1536	1589	1684	1603	4.69	cps
Cadmium	106-1	1350	1367	1567	1428	8.45	cps
Cadmium	108-1	38	67	54	53	27.73	cps
Calcium	43-1	2425	2225	2484	2378	5.70	cps
Calcium	44-1	40167	40535	40602	40434	0.58	cps
Chromium	52-2	967	827	957	917	8.52	cps
Cobalt	59-2	693	653	583	643	8.65	cps
Copper	63-2	1237	1083	1063	1128	8.41	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	75	33	17	42	72.11	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	50	42	50	47	10.18	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	8551751	8353260	8278828	8394613	1.68	cps
Holmium	165-2	1763041	1881005	1891434	1845160	3.86	cps
Indium	115-1	7353129	7359666	7363231	7358675	0.07	cps
Indium	115-2	307390	323969	325160	318840	3.12	cps
Iron	56-2	10949	10621	10682	10751	1.62	cps
Iron	57-2	300	294	322	306	4.81	cps
Lead	206-1	2089	1889	2011	1997	5.05	cps
Lead	207-1	1928	1795	1745	1822	5.20	cps
Lead	208-1	8079	8012	7973	8022	0.67	cps
Lithium	6-1	575228	573908	570690	573275	0.41	cps
Magnesium	24-2	925	975	917	939	3.36	cps
Manganese	55-2	180	217	180	192	11.01	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:46:16	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2159	2350	2334	2281	4.66	cps
Molybdenum	95-1	1300	1267	1702	1423	17.03	cps
Molybdenum	96-1	1709	1542	1550	1600	5.87	cps
Molybdenum	97-1	825	800	658	761	11.81	cps
Molybdenum	98-1	1892	1867	1984	1914	3.21	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	253	287	287	276	6.99	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3084	3134	3034	3084	1.62	cps
Rhodium	103-1	6833138	6874295	6797865	6835099	0.56	cps
Rhodium	103-2	1736913	1810964	1810229	1786035	2.38	cps
Scandium	45-1	3861317	3818774	3822675	3834255	0.61	cps
Scandium	45-2	30287	32397	32641	31775	4.08	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	9	2	15	9	75.28	cps
Selenium	82-1	208	158	192	186	13.60	cps
Silicon	28-1	324343	323202	324295	323947	0.20	cps
Silver	109-1	2709	3067	3009	2928	6.57	cps
Silver	107-1	2992	2900	3084	2992	3.06	cps
Sodium	23-2	6593	5860	6485	6313	6.27	cps
Strontium	86-1	1675	1608	1583	1622	2.92	cps
Strontium	88-1	6477	7194	6660	6777	5.50	cps
Sulfur	34-1	315832	316220	315450	315834	0.12	cps
Terbium	159-1	8937757	8820657	8760205	8839540	1.02	cps
Terbium	159-2	1747334	1851725	1846079	1815046	3.23	cps
Thallium	203-1	2150	1984	1967	2034	4.99	cps
Thallium	205-1	4601	4584	4693	4626	1.26	cps
Tin	118-1	2584	2542	2725	2617	3.67	cps
Titanium	47-1	433	392	558	461	18.81	cps
Uranium	238-1	5418	5460	5418	5432	0.44	cps
Vanadium	51-2	197	197	147	180	16.04	cps
Yttrium	89-1	7736891	7768526	7670316	7725244	0.65	cps
Yttrium	89-2	224765	236072	239859	233566	3.36	cps
Zinc	66-2	127	107	150	128	16.97	cps
Zirconium	90-1	4226	4393	3917	4179	5.77	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-20	Instrumnet Name :	P8
Client Sample ID :	IDL-20	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:46:16	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	917	975	908	933	3.89	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:49:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	42	31	31.50	cps
Antimony	121-1	2850	2709	2792	2784	2.56	cps
Arsenic	75-2	37	46	41	41	11.27	cps
Barium	135-1	2534	2534	2567	2545	0.76	cps
Barium	137-1	4776	5085	4509	4790	6.01	cps
Beryllium	9-1	289	311	372	324	13.32	cps
Bismuth	209-1	4944781	5017661	5028094	4996846	0.91	cps
Bismuth	209-2	1437458	1425810	1425364	1429544	0.48	cps
Boron	10-1	258	283	208	250	15.28	cps
Boron	11-1	1100	1050	1150	1100	4.55	cps
Cadmium	111-1	1616	1618	1582	1605	1.28	cps
Cadmium	106-1	1500	1525	1417	1481	3.83	cps
Cadmium	108-1	54	29	50	44	30.13	cps
Calcium	43-1	2175	2442	2325	2314	5.78	cps
Calcium	44-1	39515	41387	39883	40262	2.46	cps
Chromium	52-2	1057	947	1023	1009	5.59	cps
Cobalt	59-2	670	510	530	570	15.29	cps
Copper	63-2	1180	1113	1050	1115	5.83	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	92	50	42	61	43.83	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	8503062	8493192	8386301	8460852	0.77	cps
Holmium	165-2	1895592	1899080	1891046	1895239	0.21	cps
Indium	115-1	7344727	7467793	7292718	7368413	1.22	cps
Indium	115-2	328867	324858	322830	325519	0.94	cps
Iron	56-2	10715	10126	9693	10178	5.04	cps
Iron	57-2	306	272	228	269	14.53	cps
Lead	206-1	1661	1961	1633	1752	10.38	cps
Lead	207-1	1478	1545	1672	1565	6.32	cps
Lead	208-1	7151	7362	7334	7283	1.58	cps
Lithium	6-1	569565	575135	572776	572492	0.49	cps
Magnesium	24-2	858	867	892	872	1.99	cps
Manganese	55-2	183	167	223	191	15.24	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:49:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2292	2159	2184	2211	3.21	cps
Molybdenum	95-1	1075	1208	1200	1161	6.43	cps
Molybdenum	96-1	1609	1525	1634	1589	3.57	cps
Molybdenum	97-1	758	825	842	808	5.45	cps
Molybdenum	98-1	1659	1859	1667	1728	6.55	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	280	260	250	263	5.80	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2617	3034	3167	2939	9.76	cps
Rhodium	103-1	6814286	6891352	6847420	6851019	0.56	cps
Rhodium	103-2	1853346	1811465	1814319	1826377	1.28	cps
Scandium	45-1	3836697	3818070	3829630	3828132	0.25	cps
Scandium	45-2	33029	32959	33016	33001	0.11	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	312	102	217	210	49.90	cps
Silicon	28-1	326629	326034	331030	327897	0.83	cps
Silver	109-1	2934	2700	2934	2856	4.72	cps
Silver	107-1	2925	2892	3026	2948	2.36	cps
Sodium	23-2	6302	6202	6393	6299	1.52	cps
Strontium	86-1	1784	1583	1617	1661	6.45	cps
Strontium	88-1	7019	6619	6560	6733	3.71	cps
Sulfur	34-1	313423	317553	315781	315586	0.66	cps
Terbium	159-1	8871517	8882632	8788326	8847492	0.58	cps
Terbium	159-2	1837501	1837488	1864261	1846417	0.84	cps
Thallium	203-1	1975	1859	1859	1897	3.55	cps
Thallium	205-1	4434	4351	4901	4562	6.50	cps
Tin	118-1	2559	2875	2442	2625	8.54	cps
Titanium	47-1	450	408	383	414	8.14	cps
Uranium	238-1	5351	5068	5193	5204	2.73	cps
Vanadium	51-2	157	157	207	173	16.65	cps
Yttrium	89-1	7735707	7704328	7713785	7717940	0.21	cps
Yttrium	89-2	238467	237394	238957	238273	0.34	cps
Zinc	66-2	130	100	107	112	14.04	cps
Zirconium	90-1	4276	4343	4451	4356	2.03	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	IDL-21	Instrumnet Name :	P8
Client Sample ID :	IDL-21	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:49:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	900	1117	1125	1047	12.18	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:52:36	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	301159	298699	299712	299856	0.41	cps
Antimony	121-1	5042167	5104477	5085724	5077456	0.63	cps
Arsenic	75-2	53068	52600	52436	52701	0.62	cps
Barium	135-1	5201927	5206661	5193718	5200769	0.13	cps
Barium	137-1	8929067	8988859	8941611	8953179	0.35	cps
Beryllium	9-1	430927	434079	431312	432106	0.40	cps
Bismuth	209-1	4724838	4742832	4741626	4736432	0.21	cps
Bismuth	209-2	1312486	1308124	1307070	1309227	0.22	cps
Boron	10-1	51443	52229	52647	52107	1.17	cps
Boron	11-1	242424	245159	249725	245769	1.50	cps
Cadmium	111-1	1048361	1064830	1057285	1056825	0.78	cps
Cadmium	106-1	108024	109727	109458	109070	0.84	cps
Cadmium	108-1	73973	75619	73507	74366	1.49	cps
Calcium	43-1	4756532	4728075	4735765	4740124	0.31	cps
Calcium	44-1	77692229	77909143	77895562	77832311	0.16	cps
Chromium	52-2	432465	426643	428607	429238	0.69	cps
Cobalt	59-2	913911	902538	910251	908900	0.64	cps
Copper	63-2	1619157	1600598	1599680	1606478	0.68	cps
Dysprosium	156-1	142	142	67	117	37.12	cps
Dysprosium	156-2	10	23	23	19	40.75	cps
Erbium	164-1	83	58	108	83	30.00	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-1	117	125	142	128	9.96	cps
Gadolinium	160-2	27	17	30	24	28.38	cps
Holmium	165-1	8227455	8283020	8311578	8274018	0.52	cps
Holmium	165-2	1823175	1787335	1817687	1809399	1.07	cps
Indium	115-1	6712230	6715979	6674178	6700795	0.35	cps
Indium	115-2	289045	289453	288704	289068	0.13	cps
Iron	56-2	71708382	70484720	70514479	70902527	0.98	cps
Iron	57-2	1813973	1806968	1830057	1816999	0.65	cps
Lead	206-1	2765373	2817221	2818672	2800422	1.08	cps
Lead	207-1	2534960	2628141	2595582	2586228	1.83	cps
Lead	208-1	11306869	11554974	11543991	11468611	1.22	cps
Lithium	6-1	523185	521607	521432	522075	0.18	cps
Magnesium	24-2	7350688	7192834	7216852	7253458	1.17	cps
Manganese	55-2	240456	239620	237467	239181	0.64	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:52:36	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3960120	3943909	4003287	3969106	0.77	cps
Molybdenum	95-1	2149915	2149738	2146230	2148628	0.10	cps
Molybdenum	96-1	2780047	2797388	2813495	2796977	0.60	cps
Molybdenum	97-1	1305215	1308559	1301296	1305023	0.28	cps
Molybdenum	98-1	3439645	3474123	3419125	3444298	0.81	cps
Neodymium	150-1	187	247	200	211	14.93	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	265264	265358	265709	265444	0.09	cps
Phosphorus	31-2	4643	4384	4543	4523	2.88	cps
Potassium	39-2	2205508	2160890	2157203	2174534	1.24	cps
Rhodium	103-1	6074420	6024812	6045469	6048233	0.41	cps
Rhodium	103-2	1599651	1606922	1598257	1601610	0.29	cps
Scandium	45-1	3553608	3543351	3535959	3544306	0.25	cps
Scandium	45-2	30871	29942	30303	30372	1.54	cps
Selenium	77-2	423	333	353	370	12.77	cps
Selenium	78-2	1317	1263	1169	1249	6.00	cps
Selenium	82-1	63523	64300	64058	63961	0.62	cps
Silicon	28-1	2005038	2049354	2056706	2037033	1.37	cps
Silver	109-1	4966601	5027753	4937140	4977165	0.93	cps
Silver	107-1	5112068	5208199	5162555	5160941	0.93	cps
Sodium	23-2	17557884	17469750	17403770	17477135	0.44	cps
Strontium	86-1	1380931	1417061	1387568	1395186	1.38	cps
Strontium	88-1	12071401	12099756	11959477	12043545	0.62	cps
Sulfur	34-1	584660	582280	579574	582171	0.44	cps
Terbium	159-1	8566997	8537340	8600366	8568234	0.37	cps
Terbium	159-2	1756788	1763680	1722965	1747811	1.25	cps
Thallium	203-1	3473986	3518903	3519081	3503990	0.74	cps
Thallium	205-1	8076430	8188737	8258554	8174574	1.12	cps
Tin	118-1	3558307	3577373	3555788	3563822	0.33	cps
Titanium	47-1	499991	501566	496009	499189	0.57	cps
Uranium	238-1	10470094	10571448	10596149	10545897	0.63	cps
Vanadium	51-2	322697	321032	318900	320876	0.59	cps
Yttrium	89-1	7199330	7119058	7144924	7154437	0.57	cps
Yttrium	89-2	219777	219715	220935	220142	0.31	cps
Zinc	66-2	140452	137598	139379	139143	1.04	cps
Zirconium	90-1	7452294	7608380	7517862	7526179	1.04	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV49	Instrumnet Name :	P8
Client Sample ID :	CCV49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:52:36	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1698293	1701821	1716115	1705410	0.55	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : CCB49 Instrumnet Name : P8
 Client Sample ID : CCB49 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 15:59:02 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	17	17	50.01	cps
Antimony	121-1	1317	1133	1067	1172	11.04	cps
Arsenic	75-2	2	6	0	2	114.63	cps
Barium	135-1	33	33	58	42	34.65	cps
Barium	137-1	42	67	92	67	37.50	cps
Beryllium	9-1	122	122	122	122	0.00	cps
Bismuth	209-1	5311450	5419341	4981987	5237593	4.35	cps
Bismuth	209-2	1472133	1457017	1458748	1462633	0.57	cps
Boron	10-1	733	650	608	664	9.59	cps
Boron	11-1	3409	3184	3050	3214	5.64	cps
Cadmium	111-1	1076	1029	900	1001	9.10	cps
Cadmium	106-1	1517	1459	1242	1406	10.31	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	1700	1675	2009	1795	10.35	cps
Calcium	44-1	32797	32221	31336	32118	2.29	cps
Chromium	52-2	617	680	643	647	4.92	cps
Cobalt	59-2	53	37	47	46	18.41	cps
Copper	63-2	177	173	117	156	21.68	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	67	50	33	50	33.34	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	8875243	8784626	8253913	8637927	3.89	cps
Holmium	165-2	1937995	1926382	1908380	1924253	0.78	cps
Indium	115-1	7617523	7588698	7210031	7472084	3.04	cps
Indium	115-2	328124	325349	324399	325957	0.59	cps
Iron	56-2	2228	2195	2250	2224	1.26	cps
Iron	57-2	44	44	67	52	24.74	cps
Lead	206-1	606	650	633	630	3.57	cps
Lead	207-1	572	633	561	589	6.60	cps
Lead	208-1	2384	2689	2572	2548	6.05	cps
Lithium	6-1	592362	594219	555737	580772	3.74	cps
Magnesium	24-2	167	167	117	150	19.25	cps
Manganese	55-2	40	27	40	36	21.64	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:59:02	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	342	300	375	339	11.09	cps
Molybdenum	95-1	117	142	83	114	25.70	cps
Molybdenum	96-1	275	242	217	244	11.97	cps
Molybdenum	97-1	83	125	100	103	20.40	cps
Molybdenum	98-1	208	142	100	150	36.43	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	130	153	152	14.25	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2992	2892	3000	2962	2.04	cps
Rhodium	103-1	6970672	7018673	6551945	6847097	3.75	cps
Rhodium	103-2	1855948	1842633	1836941	1845174	0.53	cps
Scandium	45-1	3889308	3911390	3627589	3809429	4.14	cps
Scandium	45-2	32735	32428	32174	32445	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-139	-57	-107	-101	-40.67	cps
Silicon	28-1	321397	320065	325065	322176	0.80	cps
Silver	109-1	117	192	183	164	25.08	cps
Silver	107-1	225	158	175	186	18.64	cps
Sodium	23-2	6518	6785	5801	6368	7.99	cps
Strontium	86-1	992	875	1042	970	8.82	cps
Strontium	88-1	242	200	267	236	14.26	cps
Sulfur	34-1	310595	312714	311333	311547	0.35	cps
Terbium	159-1	9256653	9298364	8602100	9052372	4.31	cps
Terbium	159-2	1881585	1848707	1868395	1866229	0.89	cps
Thallium	203-1	367	292	350	336	11.72	cps
Thallium	205-1	825	775	642	747	12.68	cps
Tin	118-1	1283	1325	1333	1314	2.04	cps
Titanium	47-1	75	150	108	111	33.82	cps
Uranium	238-1	125	117	83	108	20.35	cps
Vanadium	51-2	20	23	10	18	39.03	cps
Yttrium	89-1	7938627	7915068	7385377	7746358	4.04	cps
Yttrium	89-2	240267	236625	237842	238245	0.78	cps
Zinc	66-2	20	17	13	17	20.01	cps
Zirconium	90-1	675	792	775	747	8.45	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB49	Instrumnet Name :	P8
Client Sample ID :	CCB49	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 15:59:02	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	175	200	194	8.92	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : PB101771BL Instrumnet Name : P8
 Client Sample ID : PB101771BL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 16:02:12 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	8	14	69.31	cps
Antimony	121-1	392	508	433	444	13.30	cps
Arsenic	75-2	4	4	0	2	86.60	cps
Barium	135-1	8	50	100	53	86.97	cps
Barium	137-1	75	83	67	75	11.11	cps
Beryllium	9-1	72	83	100	85	16.41	cps
Bismuth	209-1	5077806	5204391	5263908	5182035	1.83	cps
Bismuth	209-2	1467359	1430623	1266906	1388296	7.69	cps
Boron	10-1	617	500	492	536	13.04	cps
Boron	11-1	2484	2192	2267	2314	6.55	cps
Cadmium	111-1	1134	1034	969	1046	7.93	cps
Cadmium	106-1	1600	1442	1375	1472	7.85	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	1650	1717	1592	1653	3.78	cps
Calcium	44-1	32038	31687	31378	31701	1.04	cps
Chromium	52-2	703	650	627	660	5.96	cps
Cobalt	59-2	37	33	33	34	5.60	cps
Copper	63-2	200	160	163	174	12.72	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	92	67	50	69	30.20	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	8438601	8610613	8693551	8580921	1.52	cps
Holmium	165-2	1926255	1879554	1658395	1821402	7.86	cps
Indium	115-1	7242634	7406749	7575295	7408226	2.25	cps
Indium	115-2	326471	320572	280858	309300	8.02	cps
Iron	56-2	1978	2111	2161	2084	4.55	cps
Iron	57-2	50	67	50	56	17.32	cps
Lead	206-1	594	522	633	583	9.67	cps
Lead	207-1	522	561	528	537	3.92	cps
Lead	208-1	2233	2228	2345	2269	2.90	cps
Lithium	6-1	572160	576619	589214	579331	1.53	cps
Magnesium	24-2	92	158	175	142	31.13	cps
Manganese	55-2	40	47	30	39	21.57	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BL	Instrumnet Name :	P8
Client Sample ID :	PB101771BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:02:12	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	250	200	222	11.46	cps
Molybdenum	95-1	75	142	83	100	36.33	cps
Molybdenum	96-1	125	142	150	139	9.16	cps
Molybdenum	97-1	50	83	100	78	32.74	cps
Molybdenum	98-1	108	67	75	83	26.46	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	117	123	130	13.57	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2725	3267	3067	3020	9.07	cps
Rhodium	103-1	6669887	6829330	6939092	6812770	1.99	cps
Rhodium	103-2	1841424	1816088	1590434	1749315	7.90	cps
Scandium	45-1	3764027	3807051	3864867	3811982	1.33	cps
Scandium	45-2	33116	32668	27789	31191	9.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	-42	-59	-94	-65	-41.28	cps
Silicon	28-1	319235	320009	316653	318632	0.55	cps
Silver	109-1	83	133	125	114	23.52	cps
Silver	107-1	158	175	150	161	7.90	cps
Sodium	23-2	5576	5410	5693	5560	2.56	cps
Strontium	86-1	983	1042	792	939	13.93	cps
Strontium	88-1	308	267	208	261	19.24	cps
Sulfur	34-1	314754	315040	319078	316291	0.76	cps
Terbium	159-1	8868124	8994440	9148678	9003748	1.56	cps
Terbium	159-2	1880186	1851850	1603440	1778492	8.56	cps
Thallium	203-1	258	208	142	203	28.87	cps
Thallium	205-1	567	475	475	506	10.47	cps
Tin	118-1	967	958	867	931	5.96	cps
Titanium	47-1	100	125	125	117	12.37	cps
Uranium	238-1	125	58	75	86	40.29	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Yttrium	89-1	7531712	7719623	7887101	7712812	2.31	cps
Yttrium	89-2	238760	234561	206306	226542	7.79	cps
Zinc	66-2	23	17	27	22	22.91	cps
Zirconium	90-1	642	583	658	628	6.27	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BL	Instrumnet Name :	P8
Client Sample ID :	PB101771BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:02:12	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	125	125	114	16.90	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : PB101771BS Instrumnet Name : P8
 Client Sample ID : PB101771BS Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 16:05:23 DataFile Name : 047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60270	61300	59668	60413	1.37	cps
Antimony	121-1	5254275	5288515	5335104	5292631	0.77	cps
Arsenic	75-2	54459	54773	54696	54643	0.30	cps
Barium	135-1	5361910	5368947	5390281	5373713	0.27	cps
Barium	137-1	9328597	9255018	9399053	9327556	0.77	cps
Beryllium	9-1	452309	449281	448949	450180	0.41	cps
Bismuth	209-1	5090976	5017999	5122116	5077030	1.05	cps
Bismuth	209-2	1387545	1353813	1359979	1367113	1.31	cps
Boron	10-1	51560	53634	55266	53487	3.47	cps
Boron	11-1	245534	253561	253609	250901	1.85	cps
Cadmium	111-1	1121410	1123746	1133789	1126315	0.58	cps
Cadmium	106-1	116618	114770	115996	115794	0.81	cps
Cadmium	108-1	77831	79252	78556	78546	0.90	cps
Calcium	43-1	979001	987685	972228	979638	0.79	cps
Calcium	44-1	16258183	16353444	16110214	16240614	0.75	cps
Chromium	52-2	442207	441444	444544	442732	0.36	cps
Cobalt	59-2	959826	951564	960197	957195	0.51	cps
Copper	63-2	1735913	1725632	1694132	1718559	1.27	cps
Dysprosium	156-1	117	58	83	86	33.98	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	67	75	50	64	19.92	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	100	100	100	100	0.00	cps
Gadolinium	160-2	17	27	23	22	22.91	cps
Holmium	165-1	8532749	8453444	8609294	8531829	0.91	cps
Holmium	165-2	1873004	1807247	1797262	1825838	2.25	cps
Indium	115-1	7125608	6990318	7110652	7075526	1.05	cps
Indium	115-2	299784	296482	293422	296563	1.07	cps
Iron	56-2	15234028	15130437	15228336	15197600	0.38	cps
Iron	57-2	378619	377682	381267	379189	0.49	cps
Lead	206-1	2940083	2945544	2960263	2948630	0.35	cps
Lead	207-1	2699462	2730818	2700735	2710339	0.65	cps
Lead	208-1	11986597	12041517	12068159	12032091	0.35	cps
Lithium	6-1	566656	557491	563235	562461	0.82	cps
Magnesium	24-2	1587455	1556866	1549610	1564644	1.28	cps
Manganese	55-2	248820	246603	247610	247678	0.45	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BS	Instrumnet Name :	P8
Client Sample ID :	PB101771BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:05:23	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4071452	4132534	4074297	4092761	0.84	cps
Molybdenum	95-1	2214696	2232201	2230046	2225647	0.43	cps
Molybdenum	96-1	2883037	2880846	2859902	2874595	0.44	cps
Molybdenum	97-1	1334511	1342386	1337214	1338037	0.30	cps
Molybdenum	98-1	3547108	3522262	3529201	3532857	0.36	cps
Neodymium	150-1	200	207	247	218	11.59	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	283310	283505	282698	283171	0.15	cps
Phosphorus	31-2	4501	4476	4518	4498	0.47	cps
Potassium	39-2	448132	446394	453307	449278	0.80	cps
Rhodium	103-1	6485311	6393295	6531747	6470118	1.09	cps
Rhodium	103-2	1712457	1648830	1669481	1676923	1.94	cps
Scandium	45-1	3735590	3609906	3664198	3669898	1.72	cps
Scandium	45-2	30894	30159	31004	30686	1.50	cps
Selenium	77-2	363	373	383	373	2.68	cps
Selenium	78-2	1298	1296	1391	1328	4.07	cps
Selenium	82-1	67437	67233	66613	67094	0.64	cps
Silicon	28-1	2037932	2059204	2034355	2043830	0.66	cps
Silver	109-1	5318911	5292524	5287686	5299707	0.32	cps
Silver	107-1	5492054	5475129	5415379	5460854	0.74	cps
Sodium	23-2	3777484	3754932	3727618	3753345	0.67	cps
Strontium	86-1	1384955	1388062	1387206	1386741	0.12	cps
Strontium	88-1	12079129	12071110	12040785	12063675	0.17	cps
Sulfur	34-1	595145	596830	586011	592662	0.98	cps
Terbium	159-1	8998805	8701578	9034472	8911618	2.05	cps
Terbium	159-2	1817984	1741437	1747482	1768968	2.41	cps
Thallium	203-1	3636338	3719988	3677493	3677940	1.14	cps
Thallium	205-1	8396416	8647810	8639490	8561239	1.67	cps
Tin	118-1	3721018	3713020	3700155	3711398	0.28	cps
Titanium	47-1	512361	511774	509725	511287	0.27	cps
Uranium	238-1	10653911	10798044	10720452	10724136	0.67	cps
Vanadium	51-2	331036	327997	331726	330253	0.60	cps
Yttrium	89-1	7528152	7409361	7579856	7505790	1.16	cps
Yttrium	89-2	224747	221446	221326	222506	0.87	cps
Zinc	66-2	147855	147993	147572	147806	0.15	cps
Zirconium	90-1	7718324	7779166	7738067	7745186	0.40	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BS	Instrumnet Name :	P8
Client Sample ID :	PB101771BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:05:23	DataFile Name :	047LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1739949	1740635	1762234	1747606	0.73	cps

LB Number : LB89682 Operator : Jaswal
 Lab Sample ID : PB101771BSD Instrumnet Name : P8
 Client Sample ID : PB101771BSD Dilution Factor : 1
 Date & Time Acquired :: 2017-08-23 16:08:23 DataFile Name : 048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59869	59283	60320	59824	0.87	cps
Antimony	121-1	5272164	5312690	5189777	5258210	1.19	cps
Arsenic	75-2	54561	54659	53910	54377	0.75	cps
Barium	135-1	5359791	5329096	5377672	5355520	0.46	cps
Barium	137-1	9237839	9315685	9259135	9270886	0.43	cps
Beryllium	9-1	445268	447758	443716	445581	0.46	cps
Bismuth	209-1	5027913	5012355	4952777	4997682	0.79	cps
Bismuth	209-2	1375128	1314339	1367705	1352391	2.45	cps
Boron	10-1	52631	53434	54830	53632	2.08	cps
Boron	11-1	252640	253899	253756	253432	0.27	cps
Cadmium	111-1	1118090	1118253	1117923	1118088	0.01	cps
Cadmium	106-1	113391	114130	113584	113702	0.34	cps
Cadmium	108-1	77588	78225	77710	77841	0.43	cps
Calcium	43-1	972152	972845	973572	972856	0.07	cps
Calcium	44-1	16134437	15927885	16203130	16088484	0.89	cps
Chromium	52-2	439569	441673	443086	441443	0.40	cps
Cobalt	59-2	952669	957545	948641	952952	0.47	cps
Copper	63-2	1714144	1700216	1700326	1704895	0.47	cps
Dysprosium	156-1	100	92	75	89	14.32	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	33	75	67	58	37.80	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	125	167	92	128	29.41	cps
Gadolinium	160-2	10	23	20	18	39.03	cps
Holmium	165-1	8632823	8464756	8514396	8537325	1.01	cps
Holmium	165-2	1877175	1746301	1843629	1822368	3.73	cps
Indium	115-1	7084283	7027015	7025482	7045593	0.48	cps
Indium	115-2	300716	285758	297090	294521	2.65	cps
Iron	56-2	15110630	15217196	15091672	15139832	0.45	cps
Iron	57-2	380316	379992	378833	379714	0.21	cps
Lead	206-1	2955805	2905372	2907991	2923056	0.97	cps
Lead	207-1	2703233	2669584	2694154	2688990	0.65	cps
Lead	208-1	11957252	11889169	11865752	11904058	0.40	cps
Lithium	6-1	555864	562336	556798	558332	0.63	cps
Magnesium	24-2	1544436	1546835	1545025	1545432	0.08	cps
Manganese	55-2	245842	246140	248443	246808	0.58	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BSD	Instrumnet Name :	P8
Client Sample ID :	PB101771BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:08:23	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4071316	4033624	4031792	4045577	0.55	cps
Molybdenum	95-1	2214734	2203793	2195521	2204682	0.44	cps
Molybdenum	96-1	2835830	2858392	2808106	2834110	0.89	cps
Molybdenum	97-1	1342602	1331217	1322167	1331995	0.77	cps
Molybdenum	98-1	3584190	3486329	3505077	3525199	1.47	cps
Neodymium	150-1	240	153	247	213	24.41	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	279313	283278	282375	281655	0.74	cps
Phosphorus	31-2	4092	4192	4484	4256	4.78	cps
Potassium	39-2	448158	443572	443966	445232	0.57	cps
Rhodium	103-1	6445636	6398543	6384480	6409553	0.50	cps
Rhodium	103-2	1664996	1612387	1675553	1650979	2.05	cps
Scandium	45-1	3652484	3646610	3599350	3632815	0.80	cps
Scandium	45-2	31425	29515	31355	30765	3.52	cps
Selenium	77-2	377	423	440	413	7.94	cps
Selenium	78-2	1304	1393	1274	1324	4.66	cps
Selenium	82-1	66847	66593	66525	66655	0.25	cps
Silicon	28-1	2033583	2028974	2045584	2036047	0.42	cps
Silver	109-1	5321396	5280817	5290116	5297443	0.40	cps
Silver	107-1	5507948	5392832	5473726	5458169	1.08	cps
Sodium	23-2	3718612	3699700	3733886	3717399	0.46	cps
Strontium	86-1	1385176	1387232	1377088	1383165	0.39	cps
Strontium	88-1	12009920	12008500	11910854	11976425	0.47	cps
Sulfur	34-1	573221	572327	571970	572506	0.11	cps
Terbium	159-1	8953138	8913305	8854545	8906996	0.56	cps
Terbium	159-2	1796551	1721540	1787865	1768652	2.32	cps
Thallium	203-1	3667180	3657675	3636326	3653727	0.43	cps
Thallium	205-1	8658864	8511505	8498799	8556389	1.04	cps
Tin	118-1	3664703	3676535	3628703	3656647	0.68	cps
Titanium	47-1	507795	508498	508103	508132	0.07	cps
Uranium	238-1	10698186	10695670	10670679	10688178	0.14	cps
Vanadium	51-2	328375	324608	329262	327415	0.75	cps
Yttrium	89-1	7515451	7420041	7440119	7458537	0.67	cps
Yttrium	89-2	224224	214016	224071	220771	2.65	cps
Zinc	66-2	146936	147437	148481	147618	0.53	cps
Zirconium	90-1	7642880	7665207	7663717	7657268	0.16	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	PB101771BSD	Instrumnet Name :	P8
Client Sample ID :	PB101771BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:08:23	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1734973	1722978	1699609	1719187	1.05	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01	Instrumnet Name :	P8
Client Sample ID :	1708015690	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1017	942	1150	1036	10.19	cps
Antimony	121-1	6052	5385	4884	5440	10.76	cps
Arsenic	75-2	44	33	52	43	21.57	cps
Barium	135-1	492056	498544	491935	494178	0.77	cps
Barium	137-1	852650	852930	861464	855681	0.59	cps
Beryllium	9-1	150	167	194	170	13.18	cps
Bismuth	209-1	4948966	4874169	4959193	4927443	0.94	cps
Bismuth	209-2	1329343	1295554	1329473	1318123	1.48	cps
Boron	10-1	13140	13098	12765	13001	1.58	cps
Boron	11-1	63935	62688	60855	62492	2.48	cps
Cadmium	111-1	1423	1414	1465	1434	1.88	cps
Cadmium	106-1	1825	1775	1717	1772	3.06	cps
Cadmium	108-1	208	196	154	186	15.24	cps
Calcium	43-1	820959	830117	825438	825505	0.55	cps
Calcium	44-1	13694133	13764604	13776690	13745142	0.32	cps
Chromium	52-2	3467	3757	4047	3757	7.72	cps
Cobalt	59-2	3784	4011	4101	3965	4.12	cps
Copper	63-2	139792	139488	138983	139421	0.29	cps
Dysprosium	156-1	458	458	458	458	0.00	cps
Dysprosium	156-2	90	97	100	96	5.33	cps
Erbium	164-1	392	375	425	397	6.41	cps
Erbium	164-2	87	80	93	87	7.70	cps
Gadolinium	160-1	467	542	442	483	10.77	cps
Gadolinium	160-2	130	77	120	109	26.03	cps
Holmium	165-1	8427099	8398596	8313915	8379870	0.70	cps
Holmium	165-2	1854812	1787221	1829799	1823944	1.87	cps
Indium	115-1	6829909	6772209	6858629	6820249	0.65	cps
Indium	115-2	293680	288451	295386	292505	1.24	cps
Iron	56-2	317090	320772	320884	319582	0.68	cps
Iron	57-2	8047	8592	7608	8082	6.10	cps
Lead	206-1	6357	6302	6324	6328	0.44	cps
Lead	207-1	5451	5023	5196	5223	4.12	cps
Lead	208-1	24816	24332	24237	24462	1.27	cps
Lithium	6-1	530645	529306	526097	528683	0.44	cps
Magnesium	24-2	895794	889722	884683	890066	0.63	cps
Manganese	55-2	43120	43243	43621	43328	0.60	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01	Instrumnet Name :	P8
Client Sample ID :	1708015690	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150989	153821	152842	152551	0.94	cps
Molybdenum	95-1	190650	193602	191600	191950	0.79	cps
Molybdenum	96-1	210432	216577	213825	213611	1.44	cps
Molybdenum	97-1	119733	120280	118405	119472	0.81	cps
Molybdenum	98-1	307596	313797	306954	309449	1.22	cps
Neodymium	150-1	693	560	787	680	16.75	cps
Neodymium	150-2	97	73	113	94	21.28	cps
Nickel	60-2	7612	7619	7882	7704	2.00	cps
Phosphorus	31-2	23237	22861	23654	23250	1.71	cps
Potassium	39-2	7645150	7682990	7676004	7668048	0.26	cps
Rhodium	103-1	6265015	6246434	6189722	6233723	0.63	cps
Rhodium	103-2	1676711	1613681	1630132	1640175	1.99	cps
Scandium	45-1	3503646	3504744	3525600	3511330	0.35	cps
Scandium	45-2	29655	28730	28990	29125	1.64	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	9	6	11	9	32.69	cps
Selenium	82-1	109	182	117	136	29.56	cps
Silicon	28-1	11695278	10770181	11687619	11384360	4.67	cps
Silver	109-1	1183	950	958	1031	12.85	cps
Silver	107-1	975	1117	1100	1064	7.28	cps
Sodium	23-2	271179	270640	270088	270636	0.20	cps
Strontium	86-1	1142700	1159323	1150263	1150762	0.72	cps
Strontium	88-1	9913442	10096285	10005448	10005058	0.91	cps
Sulfur	34-1	867128	871181	867795	868701	0.25	cps
Terbium	159-1	8742184	8740527	8697854	8726855	0.29	cps
Terbium	159-2	1770108	1720572	1756451	1749044	1.46	cps
Thallium	203-1	1492	1300	1158	1317	12.71	cps
Thallium	205-1	3717	3784	3401	3634	5.64	cps
Tin	118-1	25939	24007	24209	24718	4.30	cps
Titanium	47-1	26977	27645	26818	27147	1.62	cps
Uranium	238-1	2392	2100	2317	2270	6.67	cps
Vanadium	51-2	210	223	177	203	11.82	cps
Yttrium	89-1	7220434	7230157	7173996	7208196	0.42	cps
Yttrium	89-2	220039	214144	219500	217895	1.50	cps
Zinc	66-2	39944	40549	40904	40466	1.20	cps
Zirconium	90-1	119678	126299	121215	122397	2.83	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01	Instrumnet Name :	P8
Client Sample ID :	1708015690	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:11:24	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	26777	27788	25901	26822	3.52	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708015690DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-23 16:14:31	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	458	650	578	18.03	cps
Antimony	121-1	1600	1283	1183	1356	16.05	cps
Arsenic	75-2	22	22	33	26	24.74	cps
Barium	135-1	247039	247221	245545	246602	0.37	cps
Barium	137-1	434656	430333	430547	431845	0.56	cps
Beryllium	9-1	89	150	139	126	25.85	cps
Bismuth	209-1	5034980	5025272	5044749	5035000	0.19	cps
Bismuth	209-2	1277189	1388221	1367134	1344181	4.39	cps
Boron	10-1	6543	6543	6610	6566	0.59	cps
Boron	11-1	31987	30517	30216	30906	3.07	cps
Cadmium	111-1	1168	1152	1068	1130	4.77	cps
Cadmium	106-1	1483	1517	1433	1478	2.84	cps
Cadmium	108-1	100	79	104	94	14.18	cps
Calcium	43-1	424235	422027	427042	424435	0.59	cps
Calcium	44-1	7044354	6982464	7080569	7035796	0.71	cps
Chromium	52-2	2350	2154	2297	2267	4.49	cps
Cobalt	59-2	2190	2014	2080	2095	4.26	cps
Copper	63-2	71566	71680	71098	71448	0.43	cps
Dysprosium	156-1	167	233	158	186	22.09	cps
Dysprosium	156-2	57	73	50	60	20.03	cps
Erbium	164-1	275	217	258	250	12.02	cps
Erbium	164-2	63	43	67	58	21.85	cps
Gadolinium	160-1	300	258	242	267	11.27	cps
Gadolinium	160-2	77	43	57	59	28.49	cps
Holmium	165-1	8580679	8491393	8579092	8550388	0.60	cps
Holmium	165-2	1736237	1883185	1871965	1830462	4.47	cps
Indium	115-1	7119939	7060738	7233433	7138037	1.23	cps
Indium	115-2	287124	310736	308925	302261	4.35	cps
Iron	56-2	162484	163221	163706	163137	0.38	cps
Iron	57-2	4067	4095	4034	4066	0.75	cps
Lead	206-1	3362	3645	3389	3465	4.51	cps
Lead	207-1	2800	2828	2728	2786	1.85	cps
Lead	208-1	13359	12931	12647	12979	2.76	cps
Lithium	6-1	544224	543551	548907	545560	0.53	cps
Magnesium	24-2	448814	449991	447897	448900	0.23	cps
Manganese	55-2	22355	22138	21921	22138	0.98	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708015690DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-23 16:14:31	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	77019	76645	76030	76565	0.65	cps
Molybdenum	95-1	96911	95442	96466	96273	0.78	cps
Molybdenum	96-1	106600	108372	108977	107983	1.14	cps
Molybdenum	97-1	61205	60971	61264	61147	0.25	cps
Molybdenum	98-1	158180	157379	157320	157626	0.30	cps
Neodymium	150-1	400	333	380	371	9.22	cps
Neodymium	150-2	40	40	37	39	4.94	cps
Nickel	60-2	3924	3831	3874	3876	1.21	cps
Phosphorus	31-2	12106	11789	12114	12003	1.54	cps
Potassium	39-2	3974873	4010956	3991739	3992522	0.45	cps
Rhodium	103-1	6489120	6499698	6562451	6517090	0.61	cps
Rhodium	103-2	1599990	1748773	1717300	1688688	4.64	cps
Scandium	45-1	3638369	3671145	3711827	3673780	1.00	cps
Scandium	45-2	28229	31141	30817	30062	5.31	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	6	7	6	33.38	cps
Selenium	82-1	58	87	52	66	28.86	cps
Silicon	28-1	6027741	5548303	5216477	5597507	7.29	cps
Silver	109-1	617	450	475	514	17.49	cps
Silver	107-1	608	633	500	581	12.21	cps
Sodium	23-2	140159	140690	141473	140774	0.47	cps
Strontium	86-1	589686	584083	586090	586620	0.48	cps
Strontium	88-1	5108159	5122916	5138834	5123303	0.30	cps
Sulfur	34-1	578107	572018	576354	575493	0.54	cps
Terbium	159-1	8882886	8898676	9014517	8932026	0.80	cps
Terbium	159-2	1709942	1832020	1813875	1785279	3.69	cps
Thallium	203-1	525	725	525	592	19.52	cps
Thallium	205-1	1292	1442	1392	1375	5.56	cps
Tin	118-1	12719	11807	11355	11960	5.81	cps
Titanium	47-1	13532	13857	13340	13577	1.93	cps
Uranium	238-1	800	858	925	861	7.26	cps
Vanadium	51-2	87	80	107	91	15.23	cps
Yttrium	89-1	7560409	7512472	7527048	7533310	0.33	cps
Yttrium	89-2	212274	230892	230567	224577	4.75	cps
Zinc	66-2	20669	20535	20529	20578	0.38	cps
Zirconium	90-1	57483	58325	57558	57789	0.81	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DLX2	Instrumnet Name :	P8
Client Sample ID :	1708015690DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-23 16:14:31	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12840	13505	12156	12834	5.25	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	1708015690DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-23 16:17:40	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	275	242	264	7.29	cps
Antimony	121-1	642	758	775	725	10.02	cps
Arsenic	75-2	4	20	13	12	67.66	cps
Barium	135-1	102747	103016	103427	103063	0.33	cps
Barium	137-1	178423	179629	176487	178180	0.89	cps
Beryllium	9-1	144	83	106	111	27.84	cps
Bismuth	209-1	5141086	5092375	5060367	5097943	0.80	cps
Bismuth	209-2	1424690	1415427	1415116	1418411	0.38	cps
Boron	10-1	3134	3234	3067	3145	2.67	cps
Boron	11-1	14850	14850	14591	14764	1.01	cps
Cadmium	111-1	1054	981	1105	1047	5.94	cps
Cadmium	106-1	1400	1308	1475	1395	5.99	cps
Cadmium	108-1	25	38	33	32	19.92	cps
Calcium	43-1	179170	177568	177347	178028	0.56	cps
Calcium	44-1	3069040	3008258	3018351	3031883	1.07	cps
Chromium	52-2	1353	1410	1293	1352	4.31	cps
Cobalt	59-2	840	880	797	839	4.97	cps
Copper	63-2	29545	29311	29712	29523	0.68	cps
Dysprosium	156-1	100	75	58	78	26.96	cps
Dysprosium	156-2	17	20	10	16	32.73	cps
Erbium	164-1	100	183	167	150	29.39	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	158	92	158	136	28.28	cps
Gadolinium	160-2	27	10	23	20	44.10	cps
Holmium	165-1	8788024	8480081	8645230	8637778	1.78	cps
Holmium	165-2	1887679	1916282	1873004	1892322	1.16	cps
Indium	115-1	7365667	7314025	7344741	7341478	0.35	cps
Indium	115-2	317311	316065	317179	316852	0.22	cps
Iron	56-2	67792	68993	67072	67952	1.43	cps
Iron	57-2	1867	1645	1739	1750	6.37	cps
Lead	206-1	1606	1606	1495	1569	4.09	cps
Lead	207-1	1250	1283	1345	1293	3.71	cps
Lead	208-1	6279	6212	6123	6205	1.26	cps
Lithium	6-1	554839	558365	555363	556189	0.34	cps
Magnesium	24-2	187184	186912	184862	186319	0.68	cps
Manganese	55-2	9690	9247	9287	9408	2.61	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	1708015690DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-23 16:17:40	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	31103	32197	31421	31574	1.78	cps
Molybdenum	95-1	40946	42300	41181	41476	1.75	cps
Molybdenum	96-1	46707	46615	45896	46406	0.96	cps
Molybdenum	97-1	24640	25492	26352	25494	3.36	cps
Molybdenum	98-1	65249	66346	63943	65180	1.85	cps
Neodymium	150-1	187	167	140	164	14.23	cps
Neodymium	150-2	17	27	10	18	47.19	cps
Nickel	60-2	1610	1553	1723	1629	5.31	cps
Phosphorus	31-2	5243	4743	4768	4918	5.73	cps
Potassium	39-2	1696916	1679804	1711199	1695973	0.93	cps
Rhodium	103-1	6631964	6687153	6664702	6661273	0.42	cps
Rhodium	103-2	1782851	1775434	1764621	1774302	0.52	cps
Scandium	45-1	3745118	3738026	3736362	3739835	0.12	cps
Scandium	45-2	31763	31151	30857	31257	1.48	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-15	49	30	21	152.57	cps
Silicon	28-1	2315719	2454453	2310265	2360146	3.46	cps
Silver	109-1	300	350	292	314	10.05	cps
Silver	107-1	492	325	358	392	22.52	cps
Sodium	23-2	60320	61358	60504	60727	0.91	cps
Strontium	86-1	245615	246640	245163	245806	0.31	cps
Strontium	88-1	2159178	2156739	2184947	2166954	0.72	cps
Sulfur	34-1	409764	406519	406454	407579	0.46	cps
Terbium	159-1	8932852	8981380	8993347	8969193	0.36	cps
Terbium	159-2	1869696	1839117	1839492	1849435	0.95	cps
Thallium	203-1	300	358	267	308	15.05	cps
Thallium	205-1	867	783	792	814	5.64	cps
Tin	118-1	4518	4468	5026	4670	6.62	cps
Titanium	47-1	5793	5910	5426	5710	4.42	cps
Uranium	238-1	467	317	475	419	21.24	cps
Vanadium	51-2	40	83	53	59	37.69	cps
Yttrium	89-1	7612685	7683905	7566868	7621153	0.77	cps
Yttrium	89-2	233994	233454	232289	233246	0.37	cps
Zinc	66-2	8613	8169	8863	8548	4.11	cps
Zirconium	90-1	23096	22495	21034	22208	4.78	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	I4930-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	1708015690DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-23 16:17:40	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5026	5268	4809	5035	4.56	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:20:48	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313068	306573	303858	307833	1.54	cps
Antimony	121-1	5156882	5167257	5139090	5154410	0.28	cps
Arsenic	75-2	53890	54181	53687	53919	0.46	cps
Barium	135-1	5287642	5287804	5327536	5300994	0.43	cps
Barium	137-1	9125666	9124564	9152061	9134097	0.17	cps
Beryllium	9-1	432966	430020	432746	431911	0.38	cps
Bismuth	209-1	4832452	4897360	4858406	4862739	0.67	cps
Bismuth	209-2	1333431	1323269	1322858	1326519	0.45	cps
Boron	10-1	49754	51887	53016	51552	3.21	cps
Boron	11-1	235886	243177	250671	243245	3.04	cps
Cadmium	111-1	1068390	1069220	1070261	1069290	0.09	cps
Cadmium	106-1	110567	108668	109062	109433	0.92	cps
Cadmium	108-1	75435	74136	74584	74718	0.88	cps
Calcium	43-1	4806402	4850367	4936070	4864280	1.36	cps
Calcium	44-1	79020568	78018439	79886600	78975202	1.18	cps
Chromium	52-2	440192	437917	438442	438850	0.27	cps
Cobalt	59-2	932440	925562	924863	927622	0.45	cps
Copper	63-2	1649608	1626294	1607118	1627673	1.31	cps
Dysprosium	156-1	192	133	75	133	43.75	cps
Dysprosium	156-2	27	7	7	13	86.58	cps
Erbium	164-1	50	100	92	81	33.25	cps
Erbium	164-2	13	37	10	20	72.66	cps
Gadolinium	160-1	158	208	150	172	18.32	cps
Gadolinium	160-2	30	27	30	29	6.65	cps
Holmium	165-1	8485826	8585329	8451254	8507470	0.82	cps
Holmium	165-2	1875259	1849483	1835828	1853523	1.08	cps
Indium	115-1	6844794	6887033	6876113	6869313	0.32	cps
Indium	115-2	296162	294506	293273	294647	0.49	cps
Iron	56-2	72994782	72378671	72243988	72539147	0.55	cps
Iron	57-2	1896708	1846354	1850373	1864478	1.50	cps
Lead	206-1	2849042	2829523	2875863	2851476	0.82	cps
Lead	207-1	2634397	2609670	2609550	2617872	0.55	cps
Lead	208-1	11592762	11565597	11620430	11592930	0.24	cps
Lithium	6-1	527622	533551	535523	532232	0.77	cps
Magnesium	24-2	7396164	7395024	7398240	7396476	0.02	cps
Manganese	55-2	248094	245123	246311	246509	0.61	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:20:48	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4029444	4000549	4024310	4018101	0.38	cps
Molybdenum	95-1	2188205	2167214	2193859	2183093	0.64	cps
Molybdenum	96-1	2832326	2821874	2833067	2829089	0.22	cps
Molybdenum	97-1	1330450	1303168	1328484	1320701	1.15	cps
Molybdenum	98-1	3466194	3472728	3482627	3473849	0.24	cps
Neodymium	150-1	287	207	207	233	19.79	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	275248	270186	269872	271769	1.11	cps
Phosphorus	31-2	4659	4518	4334	4504	3.62	cps
Potassium	39-2	2312834	2232771	2248310	2264638	1.87	cps
Rhodium	103-1	6219820	6202105	6204338	6208754	0.16	cps
Rhodium	103-2	1637804	1627375	1607305	1624161	0.95	cps
Scandium	45-1	3655520	3653453	3691915	3666963	0.59	cps
Scandium	45-2	31432	30877	30677	30995	1.26	cps
Selenium	77-2	400	367	313	360	12.14	cps
Selenium	78-2	1326	1269	1322	1306	2.46	cps
Selenium	82-1	64965	64382	65105	64817	0.59	cps
Silicon	28-1	2066809	2084984	2138850	2096881	1.79	cps
Silver	109-1	5090503	5051466	5104718	5082229	0.54	cps
Silver	107-1	5204066	5158302	5253886	5205418	0.92	cps
Sodium	23-2	17993603	17742325	17777027	17837652	0.76	cps
Strontium	86-1	1432187	1433587	1446600	1437458	0.55	cps
Strontium	88-1	12344590	12226257	12353978	12308275	0.58	cps
Sulfur	34-1	574305	569122	579256	574228	0.88	cps
Terbium	159-1	8777641	8859561	8828800	8822001	0.47	cps
Terbium	159-2	1784795	1753505	1773882	1770727	0.90	cps
Thallium	203-1	3565801	3572387	3562905	3567031	0.14	cps
Thallium	205-1	8331378	8349776	8386230	8355795	0.33	cps
Tin	118-1	3581991	3608894	3598624	3596503	0.38	cps
Titanium	47-1	507240	502062	507479	505593	0.61	cps
Uranium	238-1	10638104	10720301	10648310	10668905	0.42	cps
Vanadium	51-2	330362	328505	327030	328632	0.51	cps
Yttrium	89-1	7500461	7373642	7493834	7455979	0.96	cps
Yttrium	89-2	226765	221616	223492	223958	1.16	cps
Zinc	66-2	143927	141142	143689	142920	1.08	cps
Zirconium	90-1	7683950	7593470	7682961	7653460	0.68	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCV50	Instrumnet Name :	P8
Client Sample ID :	CCV50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:20:48	DataFile Name :	052CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1745034	1714874	1742157	1734022	0.96	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:27:18	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	0	8	100.02	cps
Antimony	121-1	1033	1033	1342	1136	15.67	cps
Arsenic	75-2	0	4	4	2	86.60	cps
Barium	135-1	67	42	50	53	24.12	cps
Barium	137-1	42	25	58	42	40.00	cps
Beryllium	9-1	133	111	144	130	13.10	cps
Bismuth	209-1	5321749	5358726	5281480	5320652	0.73	cps
Bismuth	209-2	1495023	1464703	1476443	1478723	1.03	cps
Boron	10-1	933	817	992	914	9.75	cps
Boron	11-1	4217	4176	3984	4126	3.02	cps
Cadmium	111-1	1016	951	1199	1055	12.21	cps
Cadmium	106-1	1450	1342	1700	1497	12.27	cps
Cadmium	108-1	29	25	17	24	26.95	cps
Calcium	43-1	1633	1542	1592	1589	2.89	cps
Calcium	44-1	33700	33883	33199	33594	1.05	cps
Chromium	52-2	673	720	570	654	11.73	cps
Cobalt	59-2	20	13	27	20	33.35	cps
Copper	63-2	200	173	200	191	8.06	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	67	0	44	86.60	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	50	92	92	78	30.93	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	8953173	8876137	8777372	8868894	0.99	cps
Holmium	165-2	1994416	1943123	1956562	1964700	1.35	cps
Indium	115-1	7646243	7521793	7584749	7584261	0.82	cps
Indium	115-2	336435	330851	331667	332984	0.91	cps
Iron	56-2	2484	2467	2306	2419	4.06	cps
Iron	57-2	56	78	56	63	20.37	cps
Lead	206-1	778	795	778	783	1.23	cps
Lead	207-1	767	778	783	776	1.09	cps
Lead	208-1	3445	3295	3034	3258	6.39	cps
Lithium	6-1	592231	587144	586801	588725	0.52	cps
Magnesium	24-2	92	175	217	161	39.51	cps
Manganese	55-2	43	50	13	36	54.94	cps

LB Number :	LB89682	Operator :	Jaswal
Lab Sample ID :	CCB50	Instrumnet Name :	P8
Client Sample ID :	CCB50	Dilution Factor :	1
Date & Time Acquired ::	2017-08-23 16:27:18	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	292	267	208	256	16.73	cps
Molybdenum	95-1	158	167	133	153	11.35	cps
Molybdenum	96-1	325	183	200	236	32.80	cps
Molybdenum	97-1	83	117	75	92	24.05	cps
Molybdenum	98-1	125	183	233	181	30.03	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	113	80	100	17.64	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3559	3442	3451	3484	1.87	cps
Rhodium	103-1	7052475	7026205	7011422	7030034	0.30	cps
Rhodium	103-2	1893346	1858602	1874410	1875452	0.93	cps
Scandium	45-1	3936234	3918782	3889239	3914752	0.61	cps
Scandium	45-2	33600	33353	32758	33237	1.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	11	4	137.79	cps
Selenium	82-1	-63	-99	-107	-89	-26.00	cps
Silicon	28-1	325760	324058	323499	324439	0.36	cps
Silver	109-1	242	217	333	264	23.28	cps
Silver	107-1	250	167	242	219	20.91	cps
Sodium	23-2	7844	7027	6527	7133	9.32	cps
Strontium	86-1	900	975	833	903	7.85	cps
Strontium	88-1	292	175	217	228	25.96	cps
Sulfur	34-1	309444	311435	309538	310139	0.36	cps
Terbium	159-1	9314695	9222300	9166291	9234429	0.81	cps
Terbium	159-2	1928736	1884186	1898424	1903782	1.20	cps
Thallium	203-1	358	408	375	381	6.69	cps
Thallium	205-1	767	775	758	767	1.09	cps
Tin	118-1	1450	1275	1250	1325	8.23	cps
Titanium	47-1	167	133	133	144	13.32	cps
Uranium	238-1	142	117	117	125	11.55	cps
Vanadium	51-2	10	13	0	8	89.21	cps
Yttrium	89-1	7942118	7976900	7958202	7959073	0.22	cps
Yttrium	89-2	245170	240729	241729	242543	0.96	cps
Zinc	66-2	17	13	37	22	56.80	cps
Zirconium	90-1	533	567	625	575	8.07	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	158	167	158	5.26	cps