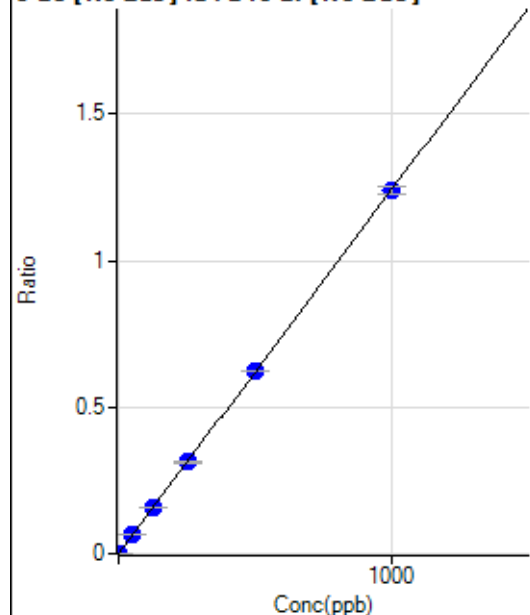


Batch Folder: D:\P8010919 MS.b\
Analysis File: P8010919 MS.batch.bin
DA Date-Time: 2019-01-09 17:43:06
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-09 15:20:57
2			
3	005CAL.S.d	S02	2019-01-09 15:28:16
4	006CAL.S.d	S03	2019-01-09 15:32:05
5	007CAL.S.d	S04	2019-01-09 15:35:54
6	008CAL.S.d	S05	2019-01-09 15:39:38
7	009CAL.S.d	S06	2019-01-09 15:43:16
8	010CAL.S.d	S07	2019-01-09 15:46:50
9	011CAL.S.d	S08	2019-01-09 15:50:16

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.55	0.0001	P	44.9
2	☐	0.100					
3	☐	1.000	0.957	738.92	0.0012	P	6.2
4	☐	50.000	51.296	38465.88	0.0637	P	0.7
5	☐	125.000	128.006	99177.73	0.1590	P	1.5
6	☐	250.000	252.671	201388.78	0.3137	P	1.5
7	☐	500.000	503.123	405288.84	0.6246	P	0.6
8	☐	1000.000	997.330	836999.92	1.2381	P	2.3
9	☐			135.56	0.0002	P	23.8

$$y = 0.0012 * x + 5.9581E-005$$

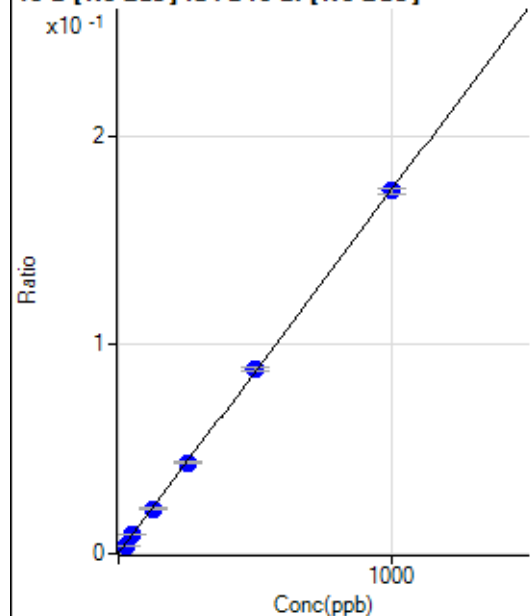
$$R = 1.0000$$

$$DL = 0.06464$$

$$BEC = 0.048$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0002	P	17.7
2	☐	2.500					
3	☐	25.000	22.405	2411.42	0.0041	P	2.8
4	☐	50.000	52.514	5612.45	0.0093	P	4.7
5	☐	125.000	122.589	13401.20	0.0215	P	1.7
6	☐	250.000	249.992	28000.58	0.0436	P	2.0
7	☐	500.000	505.742	57139.91	0.0881	P	2.4
8	☐	1000.000	997.371	117299.86	0.1735	P	1.6
9	☐			1939.10	0.0030	P	1.7

$$y = 1.7378E-004 * x + 1.7652E-004$$

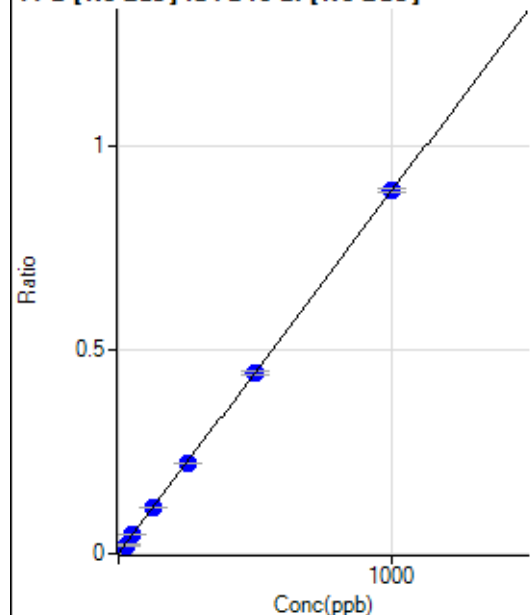
$$R = 1.0000$$

$$DL = 0.5406$$

$$BEC = 1.016$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	416.69	0.0007	P	5.2
2	☐	2.500					
3	☐	25.000	23.072	12550.41	0.0212	P	3.5
4	☐	50.000	50.677	27574.63	0.0457	P	3.5
5	☐	125.000	127.095	70848.11	0.1136	P	1.4
6	☐	250.000	250.346	143152.05	0.2230	P	0.5
7	☐	500.000	497.869	287300.28	0.4428	P	1.3
8	☐	1000.000	1000.732	601282.95	0.8893	P	1.2
9	☐			10662.76	0.0166	P	5.5

$$y = 8.8795E-004 * x + 6.9727E-004$$

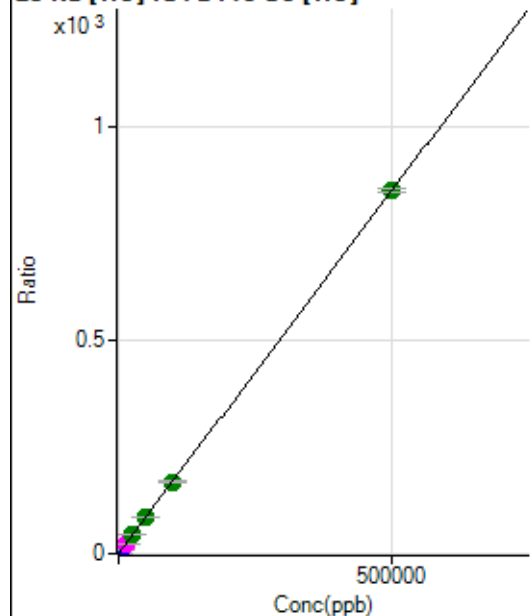
$$R = 1.0000$$

$$DL = 0.1227$$

$$BEC = 0.7853$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9887.23	0.1988	P	3.6
2	☐	50.000					
3	☐	500.000	460.128	48893.22	0.9800	P	0.8
4	☐	5000.000	5034.355	434278.00	8.7469	P	0.3
5	☐	12500.000	12657.640	1069128.24	21.6909	M	1.0
6	☐	25000.000	25535.552	2164877.78	43.5571	A	0.5
7	☐	50000.000	50097.820	4185653.26	85.2629	A	1.2
8	☐	100000.00	99214.693	8385084.91	168.6614	A	0.5
9	☐	500000.00	500116.25	42426446.78	849.3764	A	1.0

$$y = 0.0017 * x + 0.1988$$

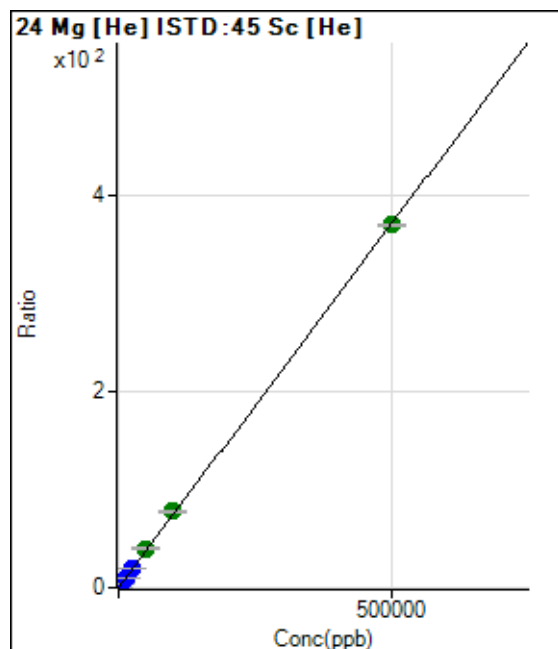
$$R = 1.0000$$

$$DL = 12.66$$

$$BEC = 117.1$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	308.35	0.0062	P	15.0
2	☐	50.000					
3	☐	500.000	479.429	18090.03	0.3626	P	2.7
4	☐	5000.000	5288.505	195487.84	3.9374	P	0.8
5	☐	12500.000	13304.822	487735.13	9.8963	P	0.9
6	☐	25000.000	26064.977	963266.05	19.3815	P	0.8
7	☐	50000.000	53999.948	1970842.38	40.1468	A	2.0
8	☐	100000.00	104775.75	3872337.89	77.8907	A	1.0
9	☐	500000.00	498568.62	18512351.63	370.6145	A	0.9

$$y = 7.4334\text{E-}004 * x + 0.0062$$

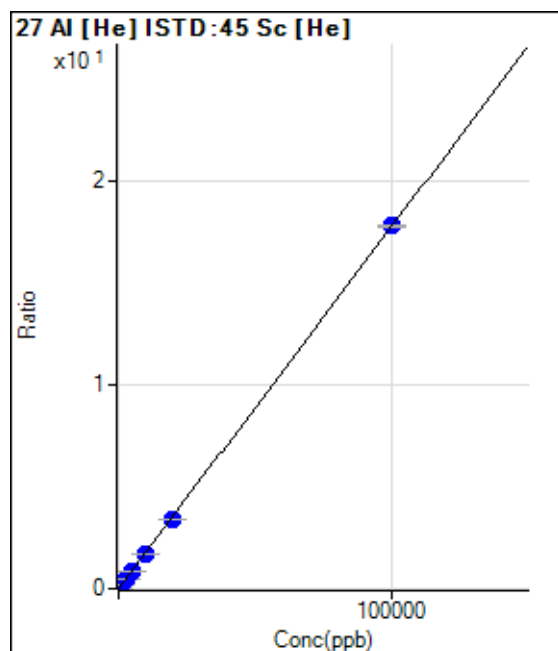
$$R = 0.9999$$

$$DL = 3.749$$

$$BEC = 8.339$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.01	0.0009	P	9.7
2	☐	2.000					
3	☐	20.000	16.460	190.89	0.0038	P	15.8
4	☐	1000.000	982.451	8708.28	0.1754	P	2.0
5	☐	2500.000	2431.384	21327.26	0.4327	P	1.3
6	☐	5000.000	4808.933	42494.65	0.8550	P	0.7
7	☐	10000.000	9607.633	83813.63	1.7073	P	0.9
8	☐	20000.000	19115.685	168831.42	3.3960	P	0.9
9	☐	100000.00	100227.54	889260.66	17.8022	P	0.4

$$y = 1.7761\text{E-}004 * x + 9.0490\text{E-}004$$

$$R = 1.0000$$

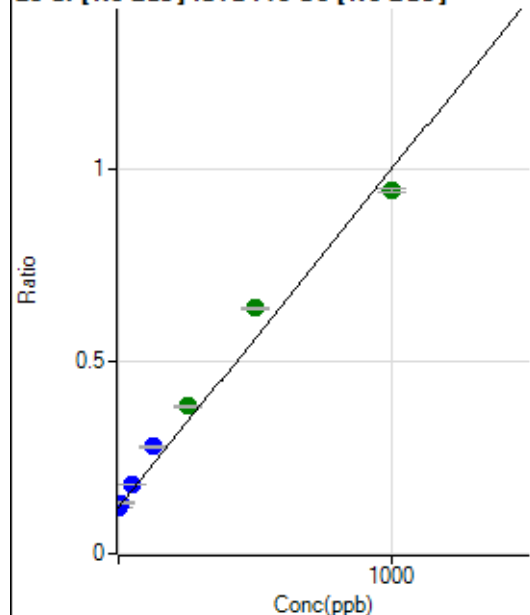
$$DL = 1.479$$

$$BEC = 5.095$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413340.79	0.1209	P	1.4
2	☐	1.000					
3	☐	10.000	12.089	454496.94	0.1315	P	3.9
4	☐	50.000	68.191	627826.40	0.1808	P	1.6
5	☐	125.000	179.569	978512.15	0.2785	P	1.4
6	☐	250.000	298.597	1337484.45	0.3830	A	0.8
7	☐	500.000	589.210	2266954.82	0.6381	A	1.1
8	☐	1000.000	935.494	3379672.86	0.9420	A	1.1
9	☐			814227.32	0.2290	P	2.4

$$y = 8.7768\text{E-}004 * x + 0.1209$$

$$R = 0.9913$$

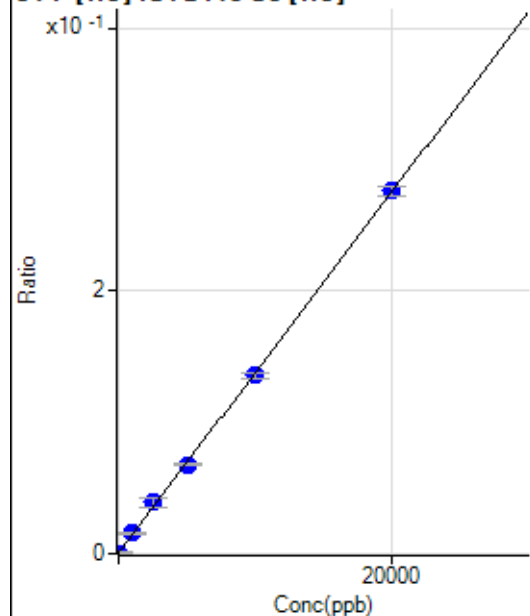
$$DL = 5.834$$

$$BEC = 137.8$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-10.096	19.45	0.0004	P	24.8
2	☐	0.000					
3	☐	0.000	10.096	33.33	0.0007	P	25.1
4	☐	1000.000	1081.238	763.94	0.0154	P	7.1
5	☐	2500.000	2789.215	1914.11	0.0389	P	15.9
6	☐	5000.000	4904.309	3375.56	0.0679	P	0.9
7	☐	10000.000	9822.613	6651.85	0.1355	P	2.9
8	☐	20000.000	20072.402	13737.74	0.2763	P	2.7
9	☐			11.11	0.0002	P	114.0

$$y = 1.3741\text{E-}005 * x + 5.2971\text{E-}004$$

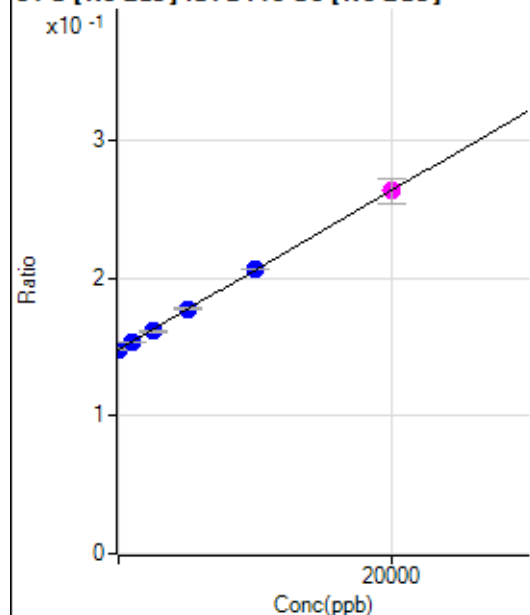
$$R = 0.9998$$

$$DL = 28.91$$

$$BEC = 38.55$$

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	-17.559	507393.96	0.1484	P	1.2
2	☐	0.000					
3	☐	0.000	17.559	513591.40	0.1486	P	0.6
4	☐	1000.000	905.242	534056.85	0.1538	P	0.7
5	☐	2500.000	2309.116	568688.16	0.1619	P	1.1
6	☐	5000.000	5110.966	621875.08	0.1781	P	0.8
7	☐	10000.000	10145.222	736157.90	0.2072	P	0.3
8	☐	20000.000	19928.246	946599.73	0.2638	M	7.2
9	☐			497871.94	0.1400	P	1.7

$$y = 5.7831E-006 * x + 0.1485$$

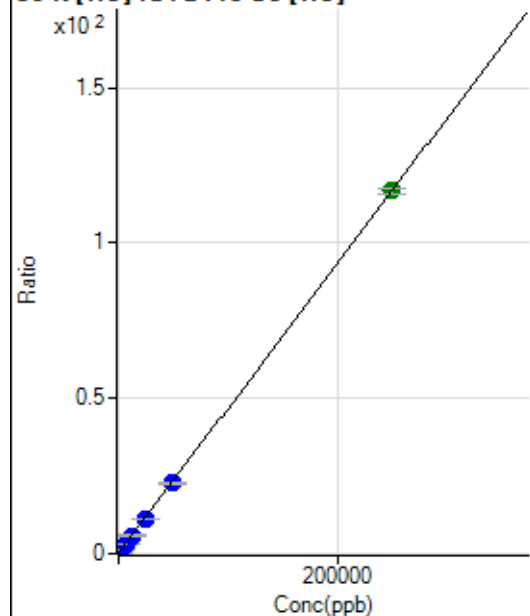
$$R = 0.9999$$

$$DL = 658.1$$

$$BEC = 2.568E+04$$

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	6015.43	0.1209	P	5.4
2	☐	50.000					
3	☐	500.000	450.969	16507.52	0.3309	P	2.1
4	☐	2500.000	2441.689	62444.67	1.2577	P	0.4
5	☐	6250.000	6166.636	147452.11	2.9920	P	1.4
6	☐	12500.000	12266.331	289824.81	5.8318	P	1.7
7	☐	25000.000	24204.511	559151.70	11.3900	P	0.9
8	☐	50000.000	48271.844	1123309.42	22.5952	P	0.9
9	☐	250000.00	250439.62	5829987.24	116.7199	A	1.5

$$y = 4.6558E-004 * x + 0.1209$$

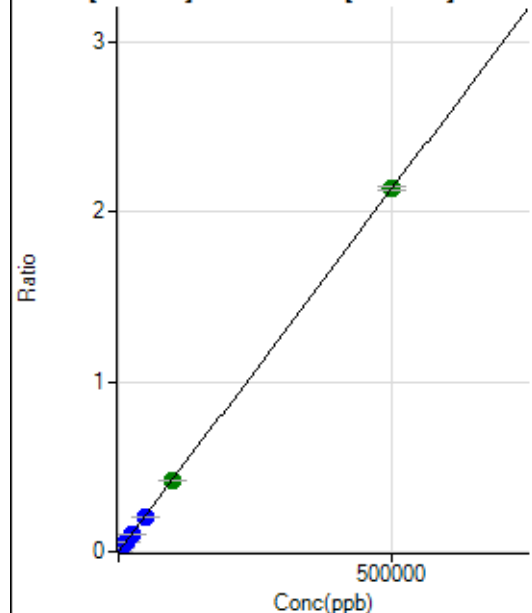
$$R = 1.0000$$

$$DL = 41.71$$

$$BEC = 259.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	525.57	0.0002	P	8.9
2	☐	50.000					
3	☐	500.000	450.000	7154.16	0.0021	P	1.8
4	☐	5000.000	4840.935	72147.27	0.0208	P	0.9
5	☐	12500.000	12198.497	183054.22	0.0521	P	1.9
6	☐	25000.000	24611.794	366597.68	0.1050	P	0.8
7	☐	50000.000	48386.268	732750.76	0.2062	P	0.5
8	☐	100000.00	98418.202	1504526.45	0.4193	A	0.6
9	☐	500000.00	500506.32	7581334.68	2.1319	A	0.9

$$y = 4.2591\text{E-}006 * x + 1.5365\text{E-}004$$

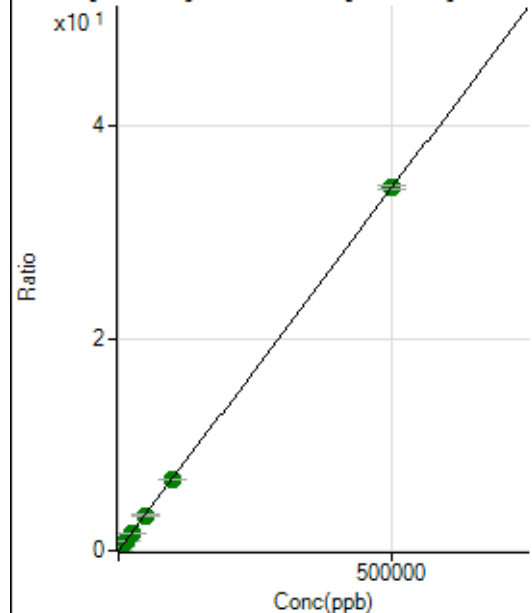
$$R = 1.0000$$

$$DL = 9.679$$

$$BEC = 36.08$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66954.06	0.0196	P	1.3
2	☐	50.000					
3	☐	500.000	457.401	175605.44	0.0508	P	0.9
4	☐	5000.000	4995.898	1252885.84	0.3607	A	1.0
5	☐	12500.000	12467.088	3059334.54	0.8708	A	1.4
6	☐	25000.000	24523.820	5916046.37	1.6941	A	0.4
7	☐	50000.000	48807.468	11910390.52	3.3522	A	0.5
8	☐	100000.00	98059.429	24093810.48	6.7151	A	1.0
9	☐	500000.00	500532.08	121608687.0	34.1961	A	0.9

$$y = 6.8280\text{E-}005 * x + 0.0196$$

$$R = 1.0000$$

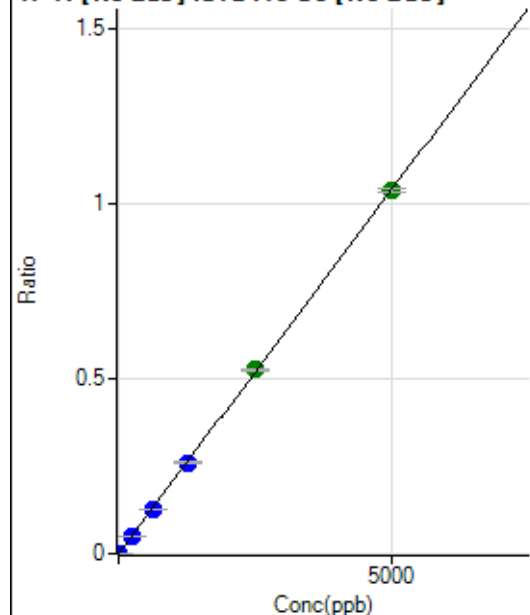
$$DL = 10.97$$

$$BEC = 286.8$$

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	155.57	0.0000	P	10.9
2	☐	0.500					
3	☐	5.000	4.668	3508.94	0.0010	P	5.5
4	☐	250.000	247.372	178698.58	0.0514	P	0.1
5	☐	625.000	616.704	450355.75	0.1282	P	0.7
6	☐	1250.000	1251.828	908532.85	0.2602	P	0.7
7	☐	2500.000	2526.690	1865493.72	0.5251	A	0.7
8	☐	5000.000	4987.367	3718338.06	1.0363	A	1.0
9	☐			1011.20	0.0003	P	6.0

$$y = 2.0778\text{E-}004 * x + 4.5493\text{E-}005$$

$$R = 1.0000$$

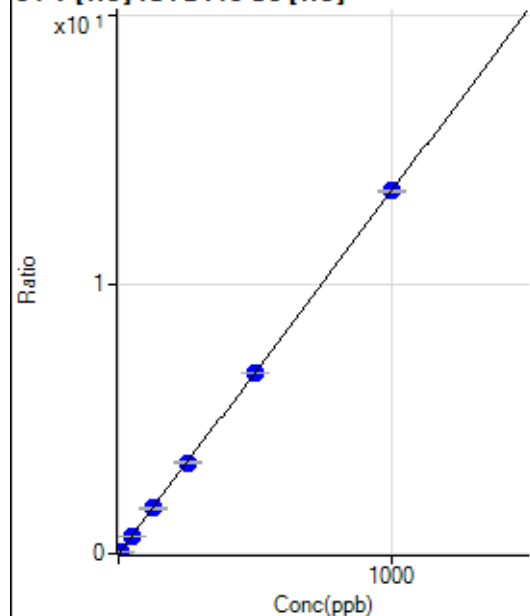
$$DL = 0.07141$$

$$BEC = 0.2189$$

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	21.11	0.0004	P	39.8
2	☐	0.500					
3	☐	5.000	4.934	3333.79	0.0668	P	4.9
4	☐	50.000	49.586	33152.71	0.6677	P	0.4
5	☐	125.000	125.102	82994.18	1.6840	P	0.9
6	☐	250.000	250.059	167266.10	3.3657	P	1.6
7	☐	500.000	499.613	330098.30	6.7241	P	0.5
8	☐	1000.000	1000.187	669201.62	13.4608	P	0.5
9	☐			162.23	0.0032	P	21.2

$$y = 0.0135 * x + 4.2436\text{E-}004$$

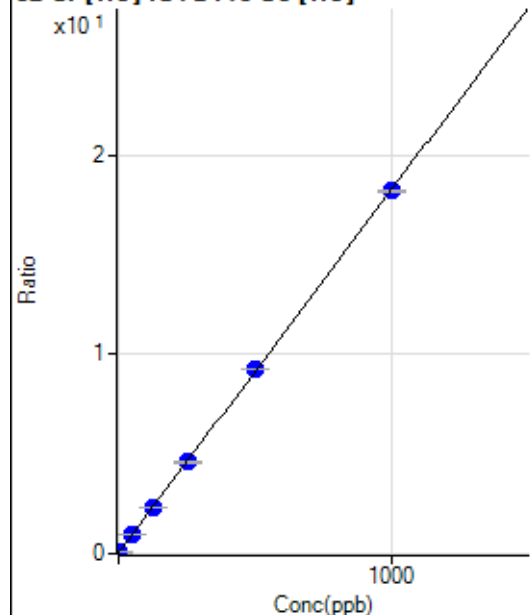
$$R = 1.0000$$

$$DL = 0.03761$$

$$BEC = 0.03153$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1844.60	0.0371	P	2.4
2	☐	0.200					
3	☐	2.000	1.753	3444.93	0.0691	P	5.0
4	☐	50.000	50.784	47836.02	0.9635	P	1.1
5	☐	125.000	126.983	116003.67	2.3536	P	0.3
6	☐	250.000	250.336	228798.74	4.6038	P	1.5
7	☐	500.000	505.890	454866.99	9.2657	P	0.7
8	☐	1000.000	996.685	905753.70	18.2190	P	0.7
9	☐			15589.98	0.3121	P	1.8

$$y = 0.0182 * x + 0.0371$$

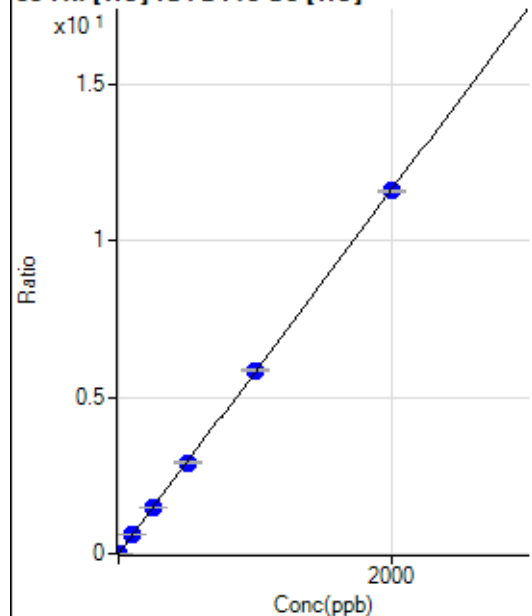
$$R = 1.0000$$

$$DL = 0.1486$$

$$BEC = 2.033$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46.67	0.0009	P	12.3
2	☐	0.100					
3	☐	1.000	0.996	335.57	0.0067	P	9.4
4	☐	100.000	102.064	29511.38	0.5944	P	2.4
5	☐	250.000	253.186	72604.21	1.4732	P	1.3
6	☐	500.000	501.988	145120.96	2.9199	P	1.1
7	☐	1000.000	1008.261	287864.29	5.8639	P	0.8
8	☐	2000.000	1994.871	576733.95	11.6009	P	0.9
9	☐			3272.66	0.0655	P	0.7

$$y = 0.0058 * x + 9.3813E-004$$

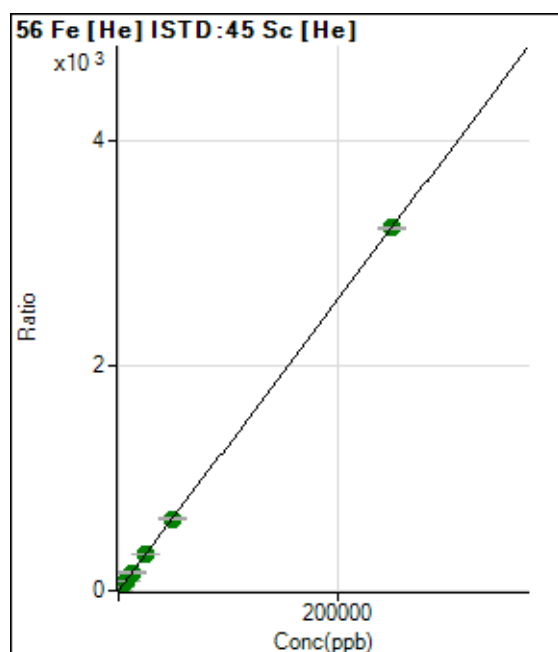
$$R = 1.0000$$

$$DL = 0.05965$$

$$BEC = 0.1613$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3385.69	0.0681	P	5.5
2	☐	5.000					
3	☐	50.000	49.152	35050.18	0.7025	P	1.6
4	☐	2500.000	2578.486	1655824.55	33.3501	A	0.8
5	☐	6250.000	6316.848	4021733.57	81.6032	A	1.5
6	☐	12500.000	12571.426	8067858.86	162.3346	A	1.3
7	☐	25000.000	25185.816	15962274.89	325.1558	A	1.4
8	☐	50000.000	49606.639	31836115.76	640.3693	A	1.2
9	☐	250000.00	250054.06	161227681.3	3,227.658	A	0.5

$$y = 0.0129 * x + 0.0681$$

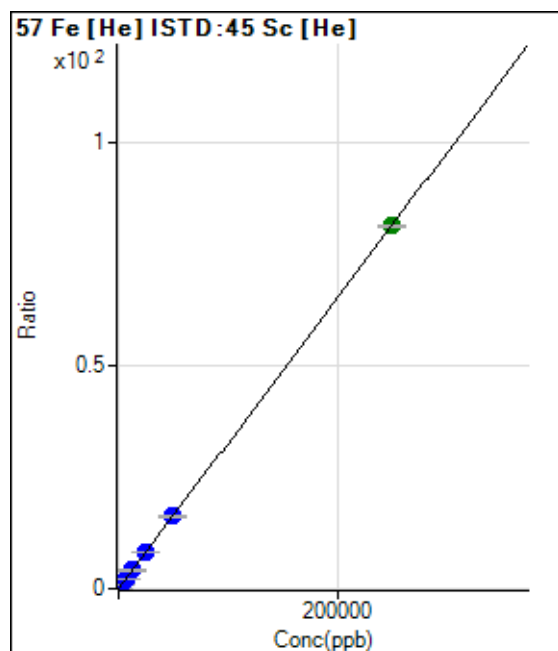
$$R = 1.0000$$

$$DL = 0.8696$$

$$BEC = 5.274$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0016	P	6.9
2	☐	5.000					
3	☐	50.000	50.830	901.91	0.0181	P	3.0
4	☐	2500.000	2543.433	41109.21	0.8280	P	0.7
5	☐	6250.000	6303.409	101024.96	2.0497	P	0.4
6	☐	12500.000	12587.175	203352.90	4.0915	P	0.7
7	☐	25000.000	25106.810	400562.65	8.1595	P	0.4
8	☐	50000.000	49774.633	804135.46	16.1748	P	0.4
9	☐	250000.00	250028.26	4058283.42	81.2433	A	0.7

$$y = 3.2493E-004 * x + 0.0016$$

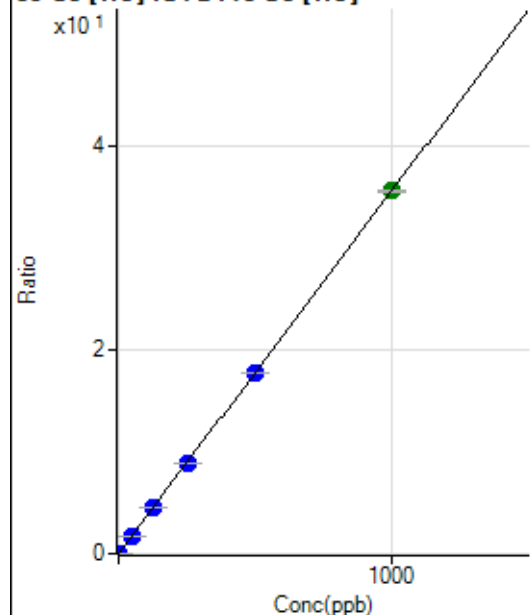
$$R = 1.0000$$

$$DL = 1.003$$

$$BEC = 4.812$$

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	156.67	0.0031	P	15.3
2	☐	0.100					
3	☐	1.000	0.917	1785.70	0.0358	P	4.0
4	☐	50.000	50.141	88845.54	1.7894	P	0.6
5	☐	125.000	126.197	221735.21	4.4989	P	0.8
6	☐	250.000	249.632	442135.80	8.8962	P	1.0
7	☐	500.000	498.202	871444.79	17.7514	P	0.5
8	☐	1000.000	1000.834	1772716.54	35.6575	A	0.4
9	☐			21452.27	0.4295	P	1.2

$$y = 0.0356 * x + 0.0031$$

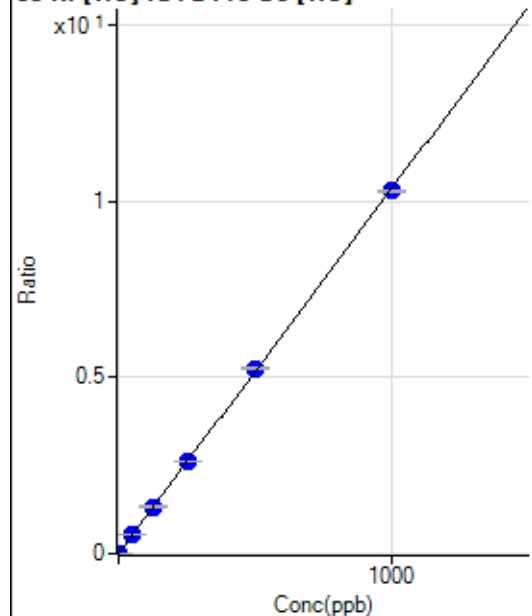
$$R = 1.0000$$

$$DL = 0.04049$$

$$BEC = 0.0884$$

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	84.45	0.0017	P	22.6
2	☐	0.100					
3	☐	1.000	1.056	630.03	0.0126	P	8.5
4	☐	50.000	51.558	26576.68	0.5353	P	1.9
5	☐	125.000	128.991	65879.49	1.3367	P	0.8
6	☐	250.000	254.191	130834.25	2.6325	P	1.0
7	☐	500.000	507.261	257812.88	5.2517	P	0.6
8	☐	1000.000	994.745	511917.80	10.2970	P	0.3
9	☐			10064.89	0.2015	P	1.6

$$y = 0.0103 * x + 0.0017$$

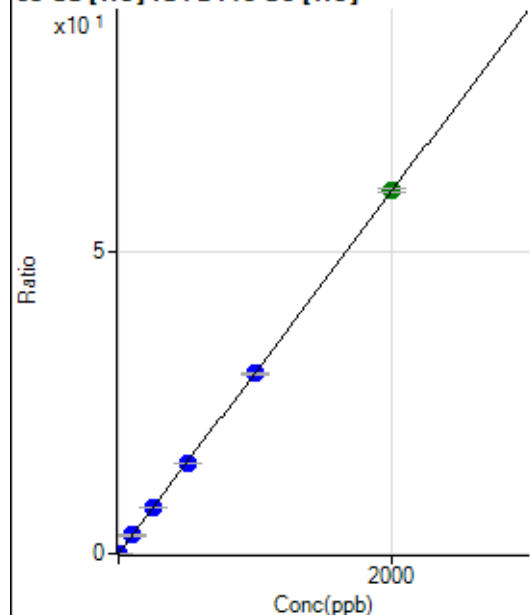
$$R = 0.9999$$

$$DL = 0.1111$$

$$BEC = 0.164$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0040	P	8.8
2	☐	0.200					
3	☐	2.000	1.855	2975.93	0.0596	P	1.8
4	☐	100.000	100.826	150311.36	3.0274	P	0.7
5	☐	250.000	251.618	372062.27	7.5491	P	0.7
6	☐	500.000	497.756	742015.69	14.9299	P	0.9
7	☐	1000.000	994.007	1463443.82	29.8107	P	0.9
8	☐	2000.000	2003.314	2986657.00	60.0761	A	0.9
9	☐			4300.73	0.0861	P	1.3

$$y = 0.0300 * x + 0.0040$$

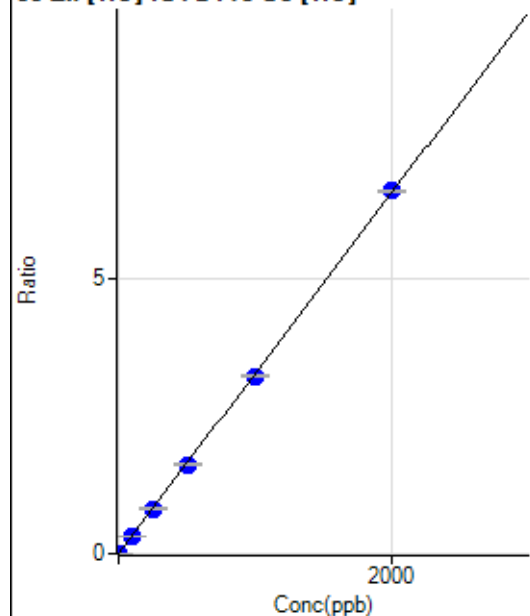
$$R = 1.0000$$

$$DL = 0.03558$$

$$BEC = 0.1341$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.89	0.0030	P	22.0
2	☐	0.200					
3	☐	2.000	1.793	443.35	0.0089	P	10.3
4	☐	100.000	99.505	16389.90	0.3301	P	0.7
5	☐	250.000	248.704	40438.95	0.8206	P	1.9
6	☐	500.000	493.653	80803.49	1.6259	P	1.4
7	☐	1000.000	982.730	158745.20	3.2337	P	0.9
8	☐	2000.000	2010.409	328720.87	6.6121	P	0.6
9	☐			3108.18	0.0622	P	2.3

$$y = 0.0033 * x + 0.0030$$

$$R = 0.9999$$

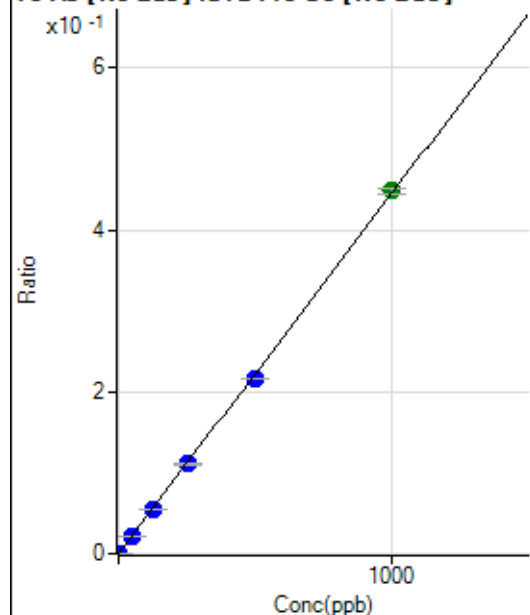
$$DL = 0.6019$$

$$BEC = 0.9106$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.79	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	0.765	1682.67	0.0005	P	7.1
4	☐	50.000	48.689	75619.00	0.0218	P	0.2
5	☐	125.000	122.412	191512.14	0.0545	P	0.4
6	☐	250.000	248.542	385973.59	0.1105	P	1.1
7	☐	500.000	484.943	765728.40	0.2155	P	0.1
8	☐	1000.000	1008.282	1607135.18	0.4479	A	1.7
9	☐			2944.91	0.0008	P	5.9

$$y = 4.4411\text{E-}004 * x + 1.4700\text{E-}004$$

$$R = 0.9998$$

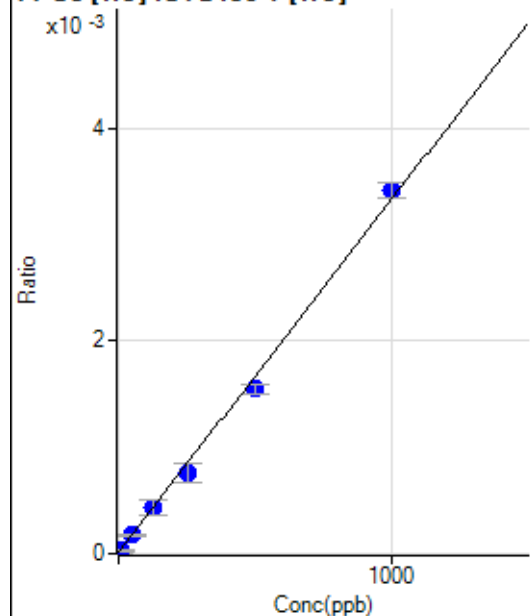
$$DL = 0.07264$$

$$BEC = 0.331$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.9
2	☐	0.500					
3	☐	5.000	4.794	7.78	0.0000	P	49.8
4	☐	50.000	49.304	48.89	0.0002	P	10.2
5	☐	125.000	126.884	120.00	0.0004	P	30.2
6	☐	250.000	223.395	210.01	0.0008	P	23.9
7	☐	500.000	464.460	433.35	0.0016	P	5.9
8	☐	1000.000	1024.221	964.49	0.0034	P	4.3
9	☐			2.22	0.0000	P	86.6

$$y = 3.3202\text{E-}006 * x + 1.2144\text{E-}005$$

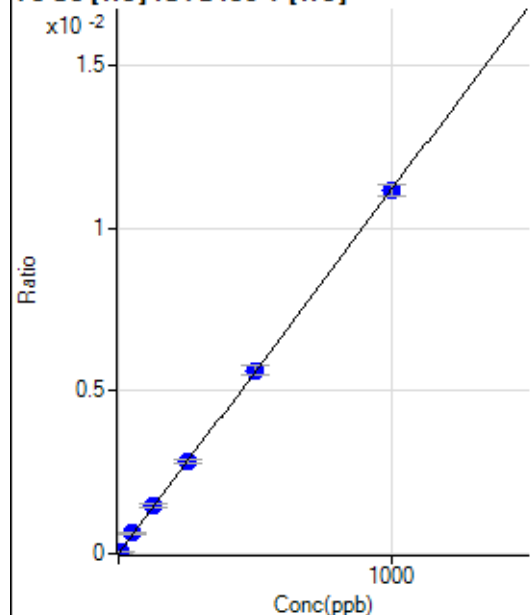
$$R = 0.9986$$

$$DL = 10.96$$

$$BEC = 3.658$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.750	19.13	0.0001	P	36.3
4	☐	50.000	57.503	180.25	0.0006	P	9.1
5	☐	125.000	131.910	409.27	0.0015	P	9.8
6	☐	250.000	253.051	791.39	0.0028	P	3.6
7	☐	500.000	502.898	1571.10	0.0056	P	5.3
8	☐	1000.000	996.546	3154.71	0.0112	P	3.3
9	☐			1.85	0.0000	P	100.1

$$y = 1.1196\text{E-}005 * x + 4.4607\text{E-}006$$

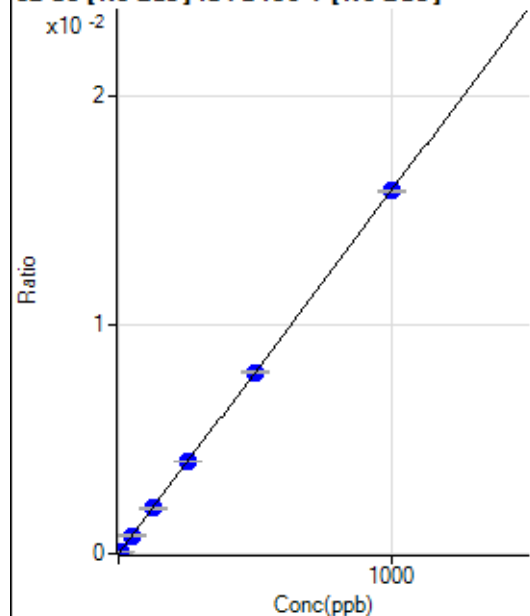
$$R = 1.0000$$

$$DL = 1.035$$

$$BEC = 0.3984$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-51.98	0.0000	P	-110.
2	☐	0.500					
3	☐	5.000	5.554	357.30	0.0001	P	7.8
4	☐	50.000	50.145	3678.09	0.0008	P	0.7
5	☐	125.000	125.391	9376.69	0.0020	P	1.7
6	☐	250.000	253.870	19179.21	0.0040	P	1.7
7	☐	500.000	499.279	38223.46	0.0079	P	0.8
8	☐	1000.000	999.334	78409.18	0.0158	P	0.5
9	☐			43.37	0.0000	P	109.4

$$y = 1.5854\text{E-}005 * x - 1.1230\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.352$$

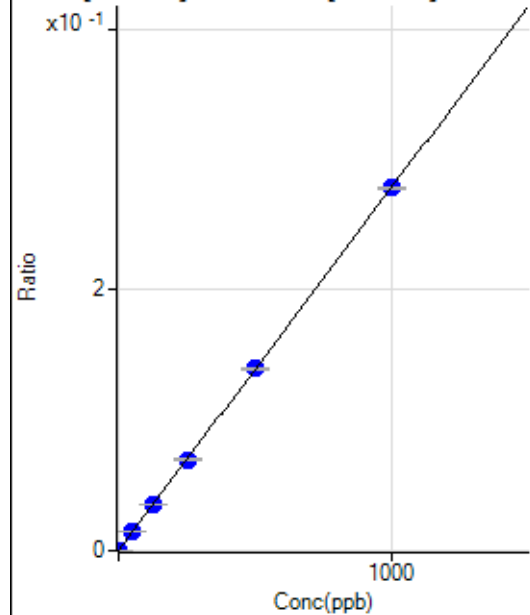
$$BEC = -0.7084$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			510.02		P	6.3
2	☐						
3	☐			482.24		P	3.1
4	☐			493.35		P	7.1
5	☐			546.69		P	5.8
6	☐			563.36		P	4.7
7	☐			501.13		P	2.7
8	☐			512.24		P	4.7
9	☐			531.13		P	14.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	802.84	0.0002	P	12.2
2	☐	0.100					
3	☐	1.000	0.754	1780.77	0.0004	P	6.3
4	☐	50.000	50.250	66384.41	0.0141	P	1.4
5	☐	125.000	125.304	166107.80	0.0350	P	0.6
6	☐	250.000	250.934	334289.72	0.0700	P	1.1
7	☐	500.000	501.135	674689.67	0.1395	P	1.6
8	☐	1000.000	999.149	1376833.17	0.2780	P	0.2
9	☐			6804.79	0.0014	P	5.7

$$y = 2.7808\text{E-}004 * x + 1.7340\text{E-}004$$

$$R = 1.0000$$

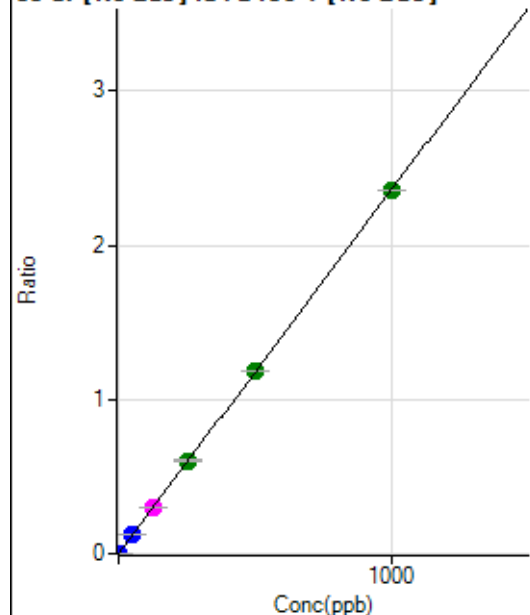
$$DL = 0.2279$$

$$BEC = 0.6236$$

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	58.34	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	0.921	10156.97	0.0022	P	4.2
4	☐	50.000	50.753	561739.83	0.1197	P	1.0
5	☐	125.000	126.812	1418721.86	0.2991	M	0.9
6	☐	250.000	256.081	2886216.19	0.6039	A	0.7
7	☐	500.000	502.063	5726025.09	1.1841	A	0.3
8	☐	1000.000	997.184	11646897.66	2.3517	A	0.1
9	☐			51077.37	0.0107	P	0.3

$$y = 0.0024 * x + 1.2600E-005$$

$$R = 1.0000$$

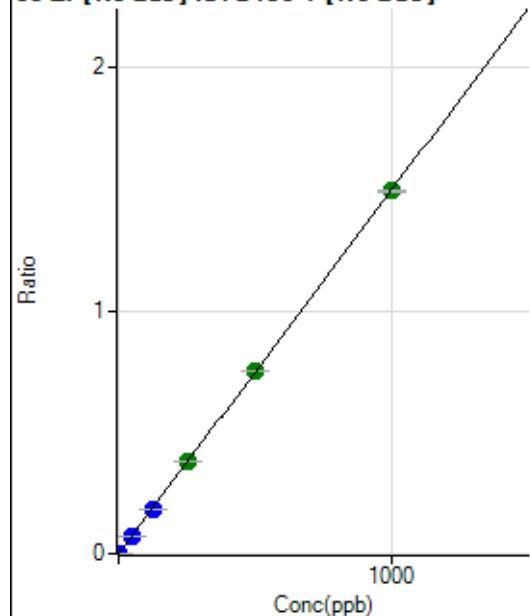
$$DL = 0.002366$$

$$BEC = 0.005343$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	316.69	0.0001	P	5.4
2	☐	0.100					
3	☐	1.000	0.933	6804.80	0.0015	P	6.6
4	☐	50.000	49.281	346178.41	0.0738	P	0.7
5	☐	125.000	123.672	877690.22	0.1850	P	0.5
6	☐	250.000	253.538	1812370.55	0.3792	A	0.8
7	☐	500.000	502.858	3637134.89	0.7521	A	0.5
8	☐	1000.000	997.889	7391267.09	1.4925	A	0.7
9	☐			3239.41	0.0007	P	3.6

$$y = 0.0015 * x + 6.8372E-005$$

$$R = 1.0000$$

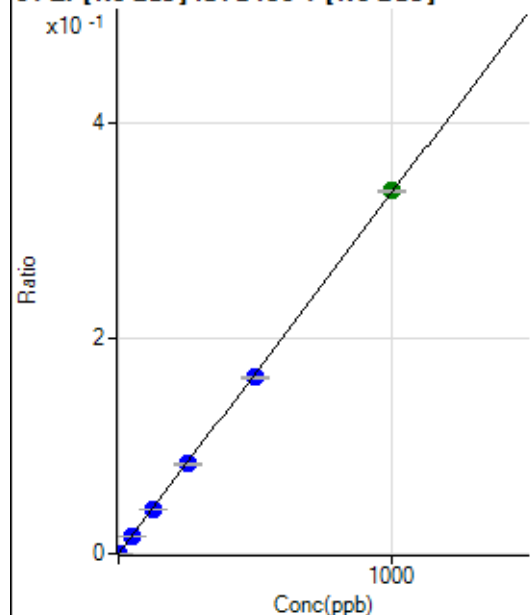
$$DL = 0.007373$$

$$BEC = 0.04572$$

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	80.56	0.0000	P	26.5
2	☐	0.100					
3	☐	1.000	0.859	1419.59	0.0003	P	5.8
4	☐	50.000	48.336	76073.86	0.0162	P	1.0
5	☐	125.000	122.096	194119.76	0.0409	P	0.5
6	☐	250.000	248.434	397828.47	0.0832	P	0.8
7	☐	500.000	489.857	793702.56	0.1641	P	0.8
8	☐	1000.000	1005.909	1669062.83	0.3370	A	0.6
9	☐			708.39	0.0001	P	5.9

$$y = 3.3502\text{E-}004 * x + 1.7404\text{E-}005$$

$$R = 0.9999$$

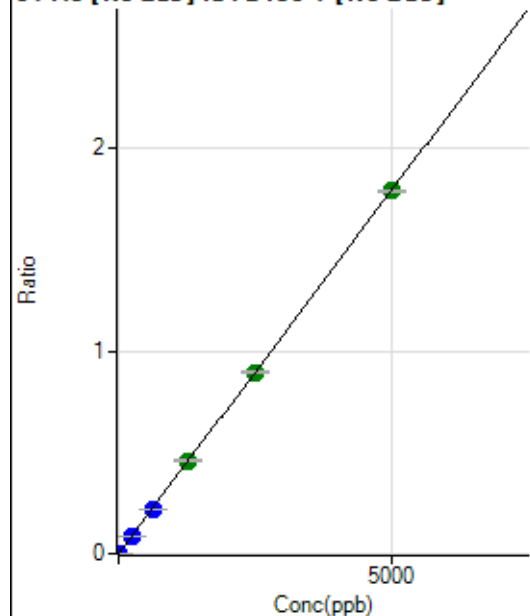
$$DL = 0.04123$$

$$BEC = 0.05195$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	54.7
2	☐	0.500					
3	☐	5.000	4.702	7991.61	0.0017	P	3.3
4	☐	250.000	245.495	412792.29	0.0880	P	0.9
5	☐	625.000	618.495	1051051.75	0.2216	P	0.9
6	☐	1250.000	1280.112	2191564.68	0.4586	A	0.8
7	☐	2500.000	2498.426	4327585.99	0.8949	A	1.8
8	☐	5000.000	4994.298	8859405.14	1.7889	A	0.6
9	☐			5740.38	0.0012	P	0.7

$$y = 3.5819\text{E-}004 * x + 3.4153\text{E-}005$$

$$R = 1.0000$$

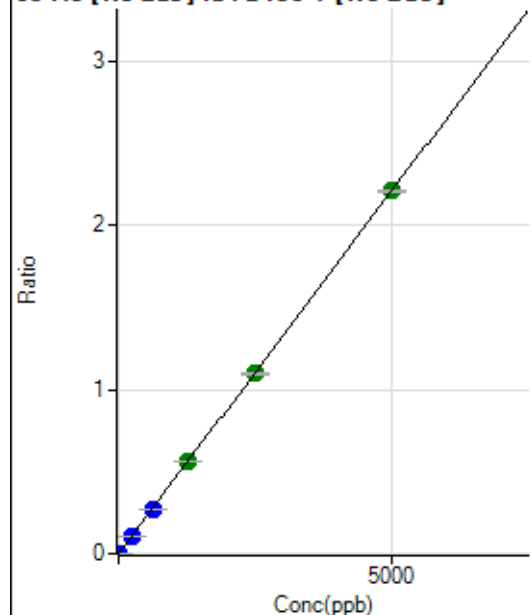
$$DL = 0.1565$$

$$BEC = 0.09535$$

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	58.34	0.0000	P	37.4
2	☐	0.500					
3	☐	5.000	4.731	9773.42	0.0021	P	1.3
4	☐	250.000	243.687	504944.20	0.1076	P	1.6
5	☐	625.000	618.764	1296038.79	0.2732	P	0.5
6	☐	1250.000	1269.192	2678185.67	0.5604	A	1.0
7	☐	2500.000	2485.052	5306075.94	1.0973	A	0.6
8	☐	5000.000	5003.771	10941601.55	2.2094	A	0.3
9	☐			7594.09	0.0016	P	0.9

$$y = 4.4154\text{E-}004 * x + 1.2585\text{E-}005$$

$$R = 1.0000$$

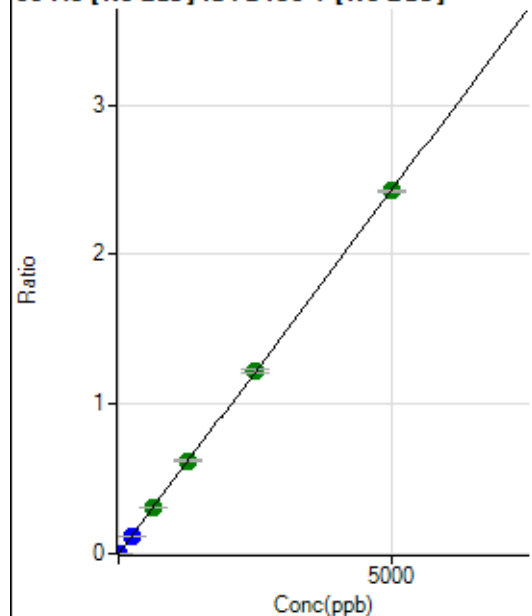
$$DL = 0.03201$$

$$BEC = 0.0285$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	39.8
2	☐	0.500					
3	☐	5.000	4.628	10529.51	0.0023	P	3.7
4	☐	250.000	242.922	553777.08	0.1180	P	1.7
5	☐	625.000	628.508	1448327.88	0.3053	A	0.5
6	☐	1250.000	1275.708	2961277.41	0.6197	A	1.8
7	☐	2500.000	2502.899	5879030.86	1.2158	A	2.1
8	☐	5000.000	4992.039	12009265.63	2.4250	A	0.8
9	☐			8919.94	0.0019	P	2.9

$$y = 4.8576\text{E-}004 * x + 1.6178\text{E-}005$$

$$R = 1.0000$$

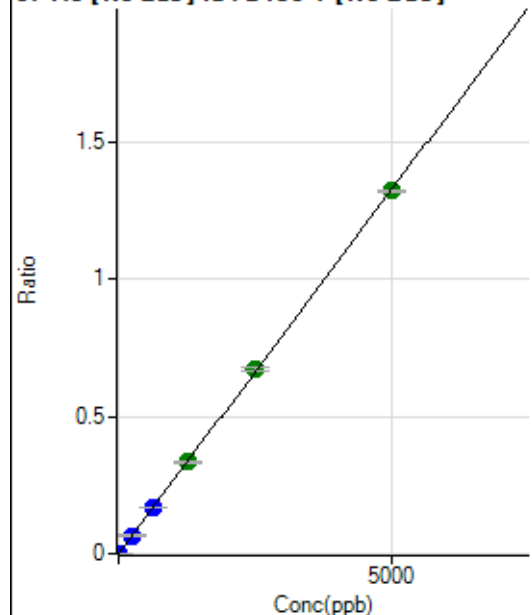
$$DL = 0.03975$$

$$BEC = 0.0333$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	40.9
2	☐	0.500					
3	☐	5.000	4.849	6065.51	0.0013	P	4.7
4	☐	250.000	249.561	311007.47	0.0663	P	2.1
5	☐	625.000	624.938	787202.36	0.1660	P	0.4
6	☐	1250.000	1258.539	1596962.04	0.3342	A	1.3
7	☐	2500.000	2527.178	3244771.97	0.6710	A	2.2
8	☐	5000.000	4984.306	6554249.37	1.3235	A	0.6
9	☐			4756.61	0.0010	P	5.0

$$y = 2.6552E-004 * x + 1.6812E-005$$

$$R = 1.0000$$

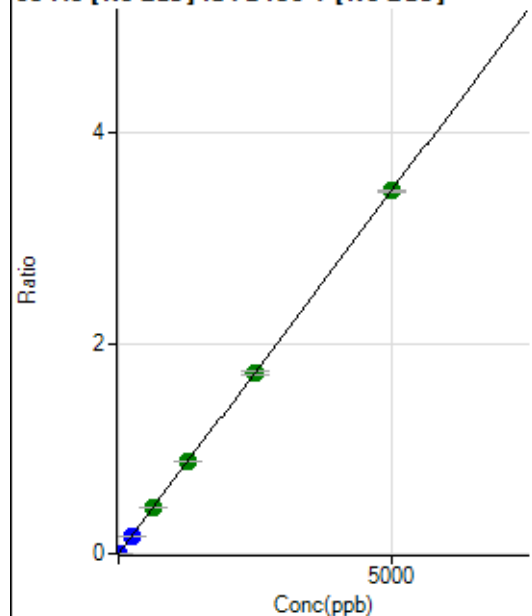
$$DL = 0.07767$$

$$BEC = 0.06332$$

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	77.78	0.0000	P	22.6
2	☐	0.500					
3	☐	5.000	4.865	15707.00	0.0034	P	2.2
4	☐	250.000	246.396	798818.45	0.1702	P	0.8
5	☐	625.000	635.000	2080927.26	0.4387	A	0.8
6	☐	1250.000	1268.096	4186656.08	0.8760	A	0.1
7	☐	2500.000	2490.140	8318347.32	1.7202	A	1.3
8	☐	5000.000	4999.336	17103887.19	3.4536	A	0.2
9	☐			11702.76	0.0025	P	1.1

$$y = 6.9081E-004 * x + 1.6801E-005$$

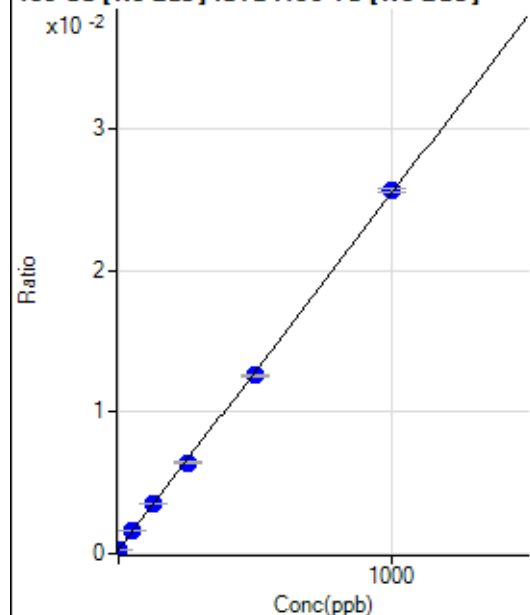
$$R = 1.0000$$

$$DL = 0.01651$$

$$BEC = 0.02432$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1166.77	0.0003	P	6.2
2	☐	0.100					
3	☐	1.000	1.273	1308.46	0.0003	P	6.4
4	☐	50.000	52.179	6515.81	0.0016	P	1.1
5	☐	125.000	128.838	14772.58	0.0035	P	2.0
6	☐	250.000	243.677	27492.97	0.0064	P	2.7
7	☐	500.000	488.027	54968.54	0.0126	P	1.2
8	☐	1000.000	1006.978	115564.59	0.0256	P	1.0
9	☐			1258.45	0.0003	P	4.9

$$y = 2.5122\text{E-}005 * x + 2.9198\text{E-}004$$

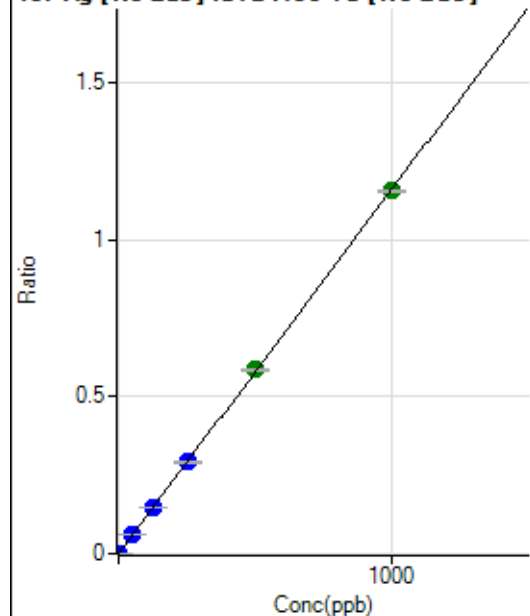
$$R = 0.9998$$

$$DL = 2.179$$

$$BEC = 11.62$$

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	38.89	0.0000	P	49.9
2	☐	0.100					
3	☐	1.000	0.906	4284.20	0.0011	P	4.3
4	☐	50.000	51.609	243505.02	0.0599	P	1.5
5	☐	125.000	127.732	620606.81	0.1482	P	0.7
6	☐	250.000	251.092	1249247.77	0.2914	P	1.0
7	☐	500.000	505.016	2566285.93	0.5861	A	1.9
8	☐	1000.000	996.797	5224365.09	1.1568	A	0.7
9	☐			408.36	0.0001	P	11.1

$$y = 0.0012 * x + 9.7614\text{E-}006$$

$$R = 1.0000$$

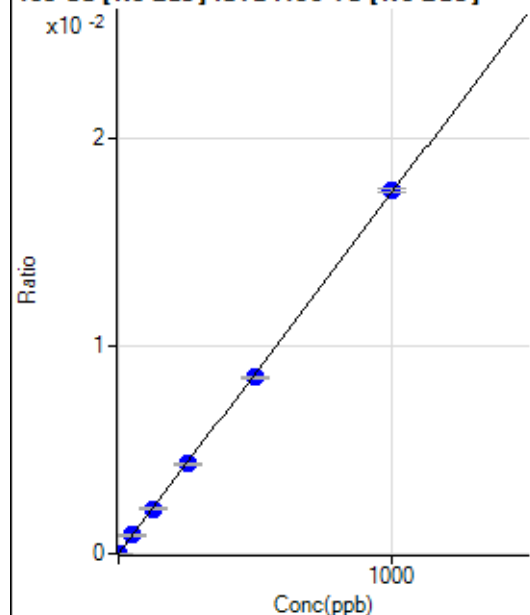
$$DL = 0.0126$$

$$BEC = 0.008411$$

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	8.33	0.0000	P	49.9
2	☐	0.100					
3	☐	1.000	1.089	84.73	0.0000	P	40.2
4	☐	50.000	51.968	3676.99	0.0009	P	6.2
5	☐	125.000	124.393	9053.24	0.0022	P	1.6
6	☐	250.000	248.960	18544.99	0.0043	P	1.9
7	☐	500.000	488.135	37136.02	0.0085	P	1.8
8	☐	1000.000	1006.170	78928.11	0.0175	P	0.9
9	☐			22.22	0.0000	P	21.4

$$y = 1.7368\text{E-}005 * x + 2.0837\text{E-}006$$

$$R = 0.9999$$

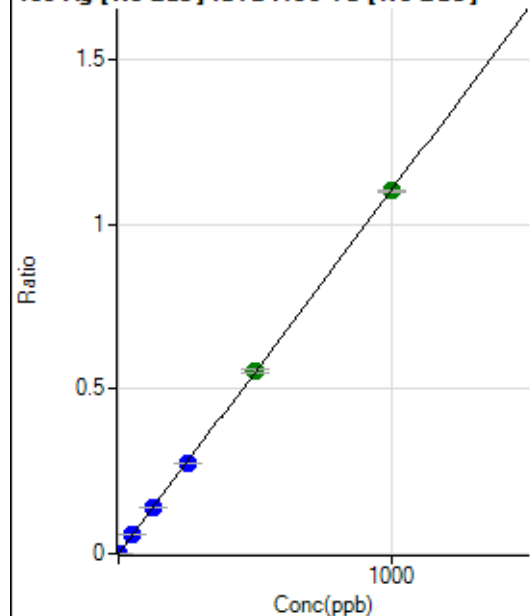
$$DL = 0.1797$$

$$BEC = 0.12$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	54.5
2	☐	0.100					
3	☐	1.000	0.975	4392.56	0.0011	P	4.3
4	☐	50.000	51.093	229396.09	0.0564	P	1.0
5	☐	125.000	126.802	586226.76	0.1400	P	0.0
6	☐	250.000	249.821	1182665.31	0.2759	P	1.1
7	☐	500.000	503.431	2434287.23	0.5559	A	1.6
8	☐	1000.000	998.049	4977345.51	1.1021	A	0.8
9	☐			377.81	0.0001	P	18.7

$$y = 0.0011 * x + 1.1160\text{E-}005$$

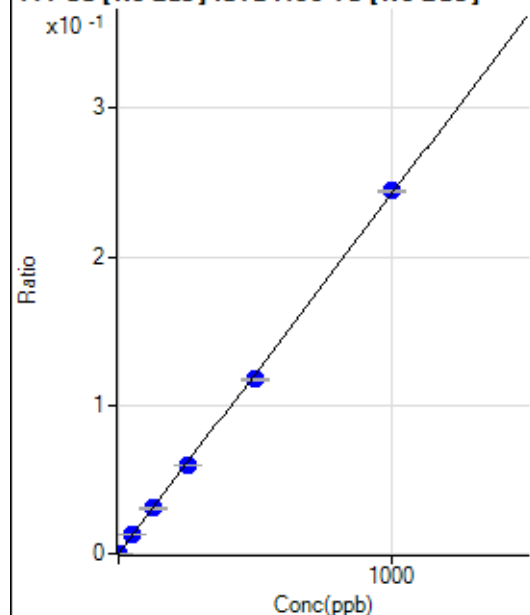
$$R = 1.0000$$

$$DL = 0.01653$$

$$BEC = 0.01011$$

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	822.02	0.0002	P	5.0
2	☐	0.100					
3	☐	1.000	0.909	1719.16	0.0004	P	4.0
4	☐	50.000	50.380	50414.79	0.0124	P	0.2
5	☐	125.000	124.948	127486.40	0.0305	P	0.2
6	☐	250.000	245.485	255650.32	0.0596	P	0.6
7	☐	500.000	484.150	514092.77	0.1174	P	1.8
8	☐	1000.000	1009.041	1104045.03	0.2445	P	0.4
9	☐			968.14	0.0002	P	4.1

$$y = 2.4207\text{E-}004 * x + 2.0572\text{E-}004$$

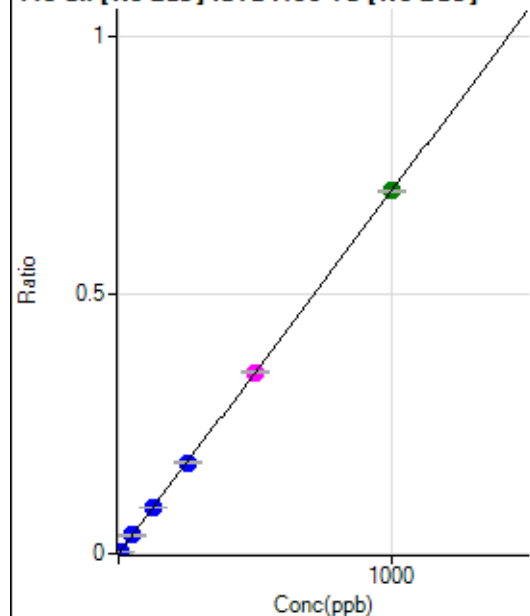
$$R = 0.9998$$

$$DL = 0.1281$$

$$BEC = 0.8498$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0001	P	14.1
2	☐	0.500					
3	☐	5.000	4.787	13774.41	0.0034	P	4.7
4	☐	50.000	50.376	143643.58	0.0353	P	1.7
5	☐	125.000	126.876	372198.31	0.0889	P	0.8
6	☐	250.000	250.775	753096.71	0.1757	P	0.8
7	☐	500.000	498.636	1529342.62	0.3492	M	1.1
8	☐	1000.000	1000.236	3163531.47	0.7005	A	0.7
9	☐			2628.17	0.0006	P	6.6

$$y = 7.0025\text{E-}004 * x + 5.9156\text{E-}005$$

$$R = 1.0000$$

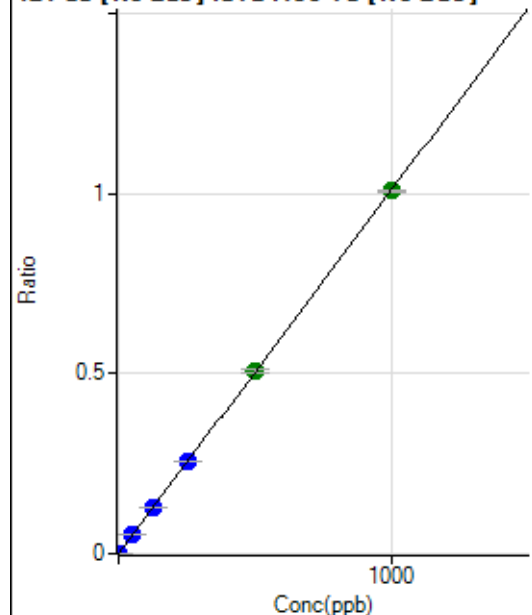
$$DL = 0.03583$$

$$BEC = 0.08448$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	17.6
2	☐	0.200					
3	☐	2.000	1.782	7382.95	0.0018	P	3.8
4	☐	50.000	50.544	207647.44	0.0511	P	1.3
5	☐	125.000	126.633	535588.04	0.1279	P	0.4
6	☐	250.000	252.011	1091382.27	0.2546	P	0.6
7	☐	500.000	503.253	2225857.84	0.5083	A	2.0
8	☐	1000.000	997.640	4550879.10	1.0077	A	0.3
9	☐			6190.61	0.0015	P	5.0

$$y = 0.0010 * x + 2.8483E-005$$

$$R = 1.0000$$

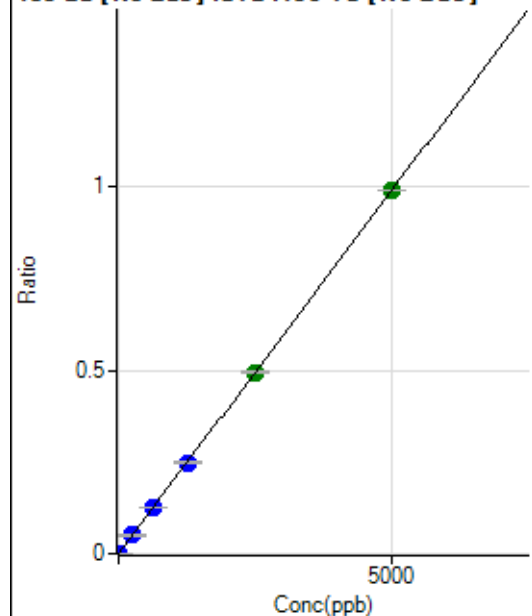
$$DL = 0.01489$$

$$BEC = 0.0282$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	49.9
2	☐	1.000					
3	☐	10.000	9.807	7877.71	0.0020	P	4.3
4	☐	250.000	252.441	203163.85	0.0500	P	1.0
5	☐	625.000	629.050	521300.91	0.1245	P	0.1
6	☐	1250.000	1251.274	1061802.92	0.2477	P	1.3
7	☐	2500.000	2499.760	2166821.73	0.4948	A	1.1
8	☐	5000.000	4999.174	4468868.33	0.9895	A	0.1
9	☐			572.26	0.0001	P	17.1

$$y = 1.9794E-004 * x + 9.7614E-006$$

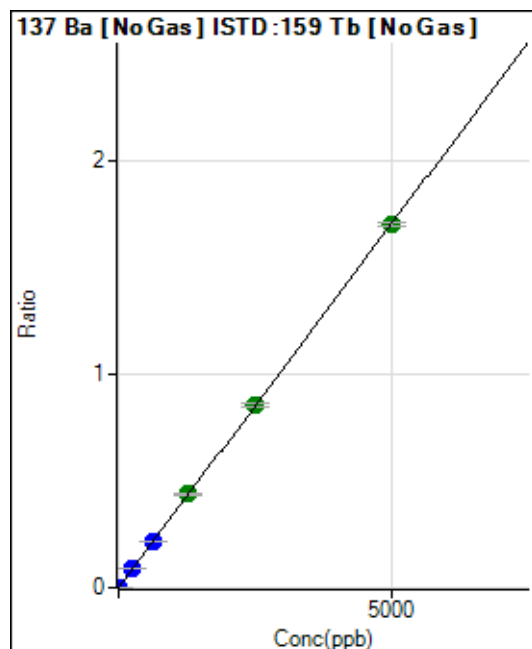
$$R = 1.0000$$

$$DL = 0.07385$$

$$BEC = 0.04932$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	42.0
2	☐	1.000					
3	☐	10.000	9.773	13504.73	0.0033	P	2.8
4	☐	250.000	252.568	350586.81	0.0862	P	0.4
5	☐	625.000	632.730	904425.45	0.2160	P	0.3
6	☐	1250.000	1285.110	1881046.87	0.4388	A	1.0
7	☐	2500.000	2508.958	3750772.57	0.8566	A	2.3
8	☐	5000.000	4985.649	7687488.28	1.7022	A	0.9
9	☐			1077.87	0.0003	P	4.1

$$y = 3.4142\text{E-}004 * x + 7.6540\text{E-}006$$

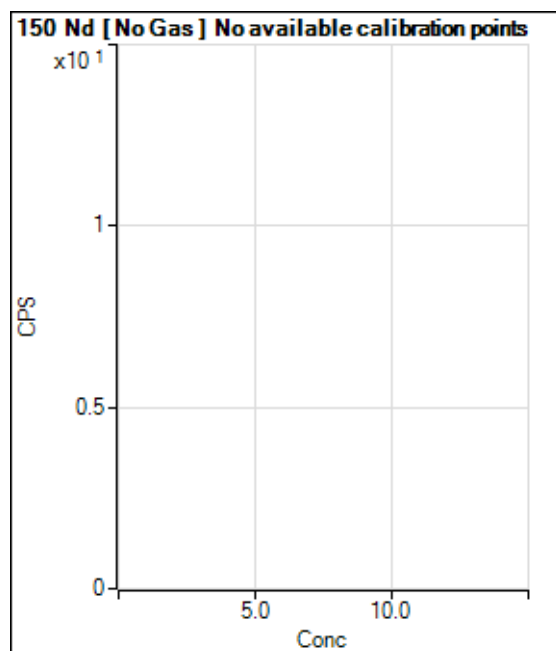
$$R = 1.0000$$

$$DL = 0.02824$$

$$BEC = 0.02242$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			8.89		P	43.3
4	☐			24.44		P	56.8
5	☐			24.44		P	31.5
6	☐			64.45		P	26.0
7	☐			82.22		P	20.4
8	☐			186.67		P	12.9
9	☐			46.67		P	28.6

150 Nd [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	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			2.22		P	173.2
7	☐			4.44		P	114.6
8	☐			11.11		P	62.5
9	☐			15.56		P	12.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐						
3	☐			13.89		P	69.3
4	☐			27.78		P	34.6
5	☐			33.33		P	50.0
6	☐			25.00		P	33.3
7	☐			55.56		P	8.7
8	☐			72.23		P	13.3
9	☐			36.11		P	74.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			1.11		P	173.2
6	☐			2.22		P	86.6
7	☐			1.11		P	173.2
8	☐			5.55		P	124.9
9	☐			7.78		P	89.2

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.23		P	36.7
2	☐						
3	☐			38.89		P	81.1
4	☐			47.22		P	44.4
5	☐			38.89		P	99.0
6	☐			27.78		P	62.5
7	☐			33.34		P	43.3
8	☐			52.78		P	39.7
9	☐			69.45		P	30.2

160 Gd [He] No available calibration points

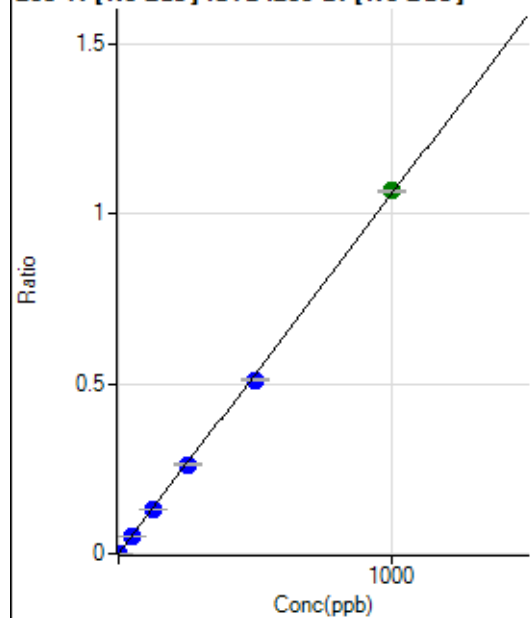
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			10.00		P	33.3
4	☐			7.78		P	65.5
5	☐			7.78		P	24.7
6	☐			6.67		P	50.0
7	☐			10.00		P	57.7
8	☐			7.78		P	65.5
9	☐			20.00		P	28.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			25.00		P	57.7
4	☐			19.45		P	24.7
5	☐			30.56		P	41.7
6	☐			22.22		P	57.3
7	☐			30.56		P	56.8
8	☐			30.55		P	15.7
9	☐			19.44		P	65.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			3.33		P	0.0
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			4.45		P	86.6
7	☐			13.33		P	25.0
8	☐			3.33		P	0.0
9	☐			8.89		P	21.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	48.4
2	☐	0.100					
3	☐	1.000	0.827	1955.81	0.0009	P	7.4
4	☐	50.000	48.581	113545.98	0.0514	P	0.8
5	☐	125.000	120.548	292284.93	0.1274	P	0.2
6	☐	250.000	246.897	608875.44	0.2610	P	2.5
7	☐	500.000	483.941	1232751.79	0.5116	P	0.9
8	☐	1000.000	1009.433	2635857.24	1.0670	A	0.5
9	☐			905.63	0.0004	P	13.4

$$y = 0.0011 * x + 1.6385E-005$$

$$R = 0.9998$$

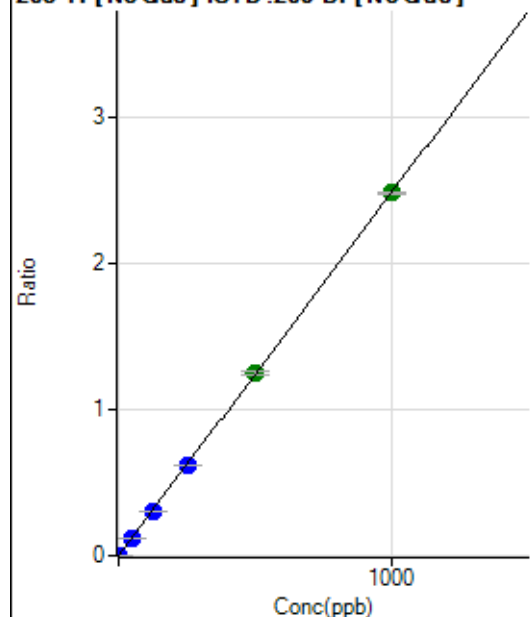
$$DL = 0.02253$$

$$BEC = 0.0155$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	26.5
2	☐	0.100					
3	☐	1.000	0.858	4767.77	0.0022	P	1.7
4	☐	50.000	48.750	267471.09	0.1210	P	0.7
5	☐	125.000	122.252	695780.63	0.3034	P	0.6
6	☐	250.000	248.672	1439620.81	0.6171	P	1.8
7	☐	500.000	502.644	3005422.74	1.2472	A	1.7
8	☐	1000.000	999.416	6125646.19	2.4798	A	0.6
9	☐			2108.62	0.0010	P	12.3

$$y = 0.0025 * x + 4.4052E-005$$

$$R = 1.0000$$

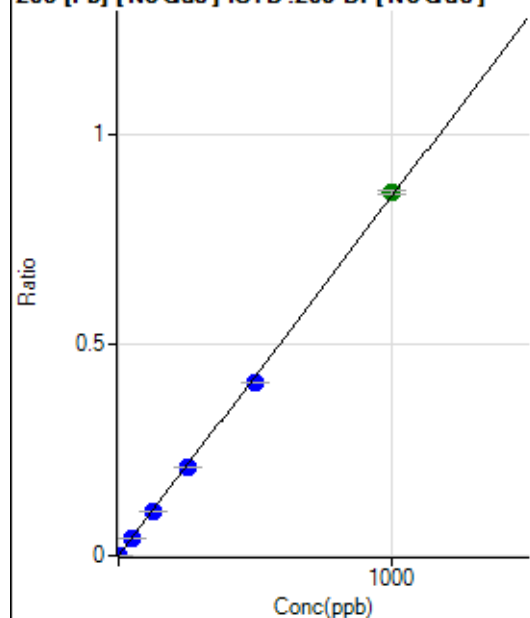
$$DL = 0.01414$$

$$BEC = 0.01775$$

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	142.60	0.0001	P	15.2
2	☐	0.100					
3	☐	1.000	0.874	1774.27	0.0008	P	2.2
4	☐	50.000	48.425	91227.97	0.0413	P	1.8
5	☐	125.000	122.961	240121.80	0.1047	P	0.8
6	☐	250.000	245.997	488541.55	0.2094	P	1.6
7	☐	500.000	481.583	987648.98	0.4099	P	0.6
8	☐	1000.000	1010.543	2124309.84	0.8600	A	1.2
9	☐			2787.44	0.0013	P	1.6

$$y = 8.5093E-004 * x + 6.4586E-005$$

$$R = 0.9997$$

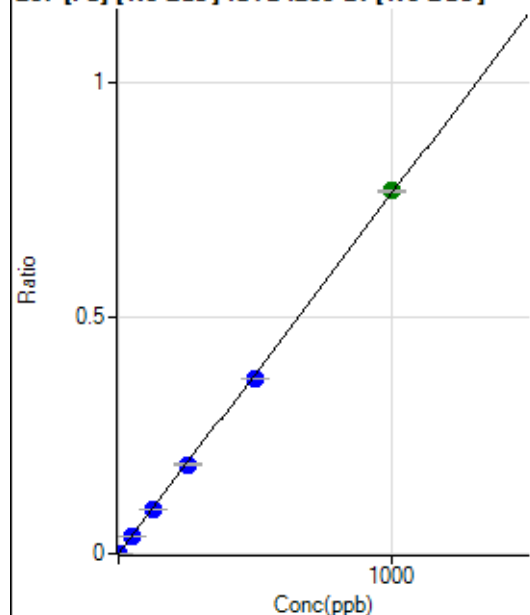
$$DL = 0.03453$$

$$BEC = 0.0759$$

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	137.04	0.0001	P	28.1
2	☐	0.100					
3	☐	1.000	0.858	1572.38	0.0007	P	9.9
4	☐	50.000	48.536	81960.11	0.0371	P	1.3
5	☐	125.000	121.794	213153.48	0.0929	P	0.9
6	☐	250.000	246.809	439267.05	0.1883	P	1.6
7	☐	500.000	485.586	892486.23	0.3704	P	0.3
8	☐	1000.000	1008.479	1899961.83	0.7691	A	0.8
9	☐			2352.14	0.0011	P	5.5

$$y = 7.6259E-004 * x + 6.2118E-005$$

$$R = 0.9998$$

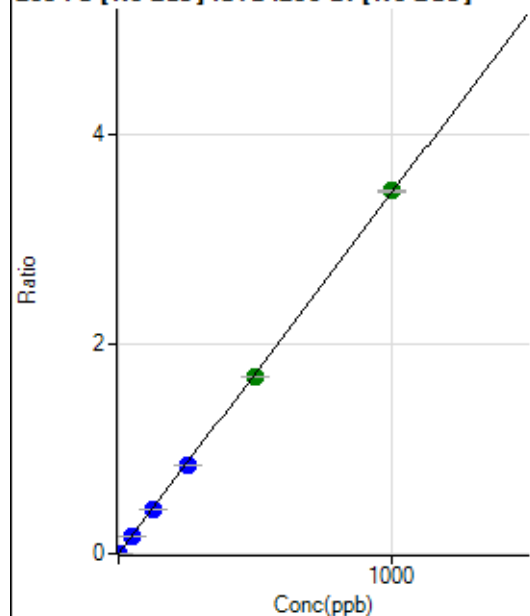
$$DL = 0.06858$$

$$BEC = 0.08146$$

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	548.17	0.0002	P	8.4
2	☐	0.100					
3	☐	1.000	0.865	7088.07	0.0032	P	3.3
4	☐	50.000	48.226	367785.54	0.1664	P	0.3
5	☐	125.000	121.341	959257.56	0.4183	P	0.4
6	☐	250.000	244.260	1963837.59	0.8417	P	1.3
7	☐	500.000	490.836	4075189.31	1.6911	A	0.4
8	☐	1000.000	1006.563	8566130.17	3.4678	A	0.6
9	☐			10729.88	0.0050	P	2.5

$$y = 0.0034 * x + 2.4827E-004$$

$$R = 0.9999$$

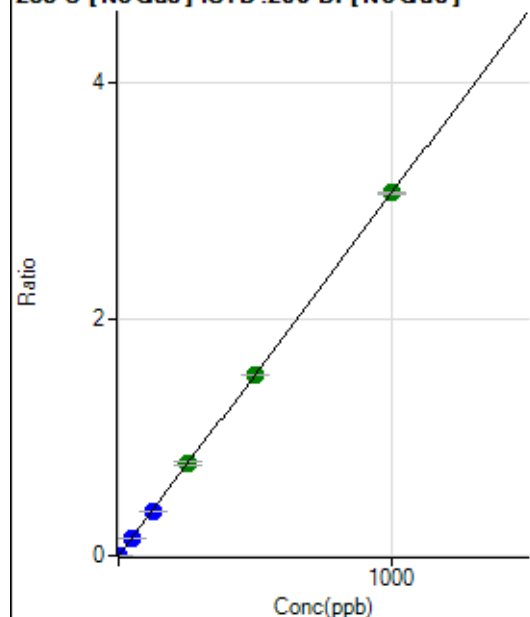
$$DL = 0.01824$$

$$BEC = 0.07207$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	75.1
2	☐	0.100					
3	☐	1.000	0.848	5746.10	0.0026	P	4.8
4	☐	50.000	48.051	325334.43	0.1472	P	1.7
5	☐	125.000	120.792	848526.31	0.3700	P	0.2
6	☐	250.000	255.040	1822288.00	0.7811	A	2.6
7	☐	500.000	497.707	3673369.35	1.5244	A	0.5
8	☐	1000.000	1000.510	7569635.32	3.0643	A	0.7
9	☐			391.69	0.0002	P	19.4

$$y = 0.0031 * x + 2.0058E-005$$

$$R = 1.0000$$

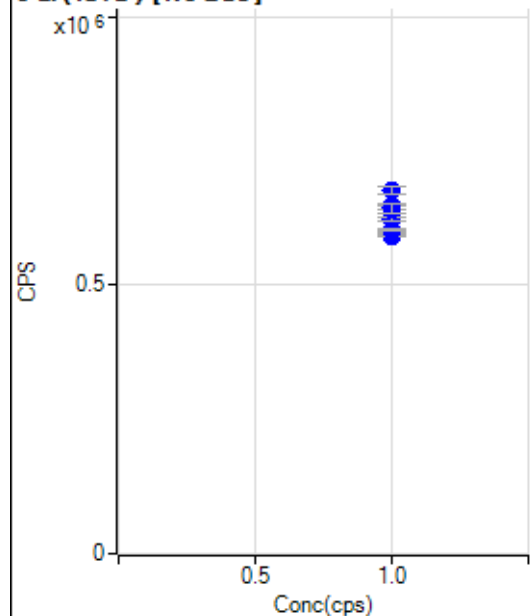
$$DL = 0.01475$$

$$BEC = 0.006549$$

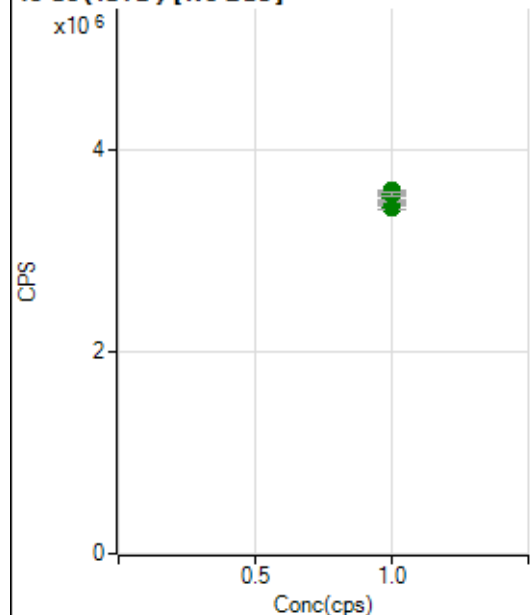
Weight: <None>

Min Conc: 0

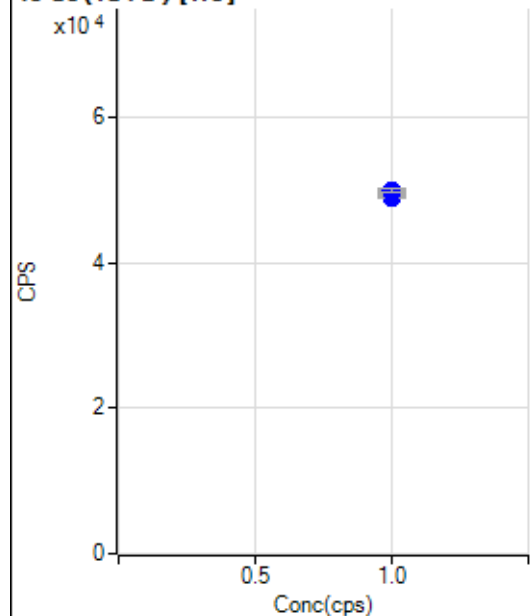
6 Li (ISTD) [No Gas]



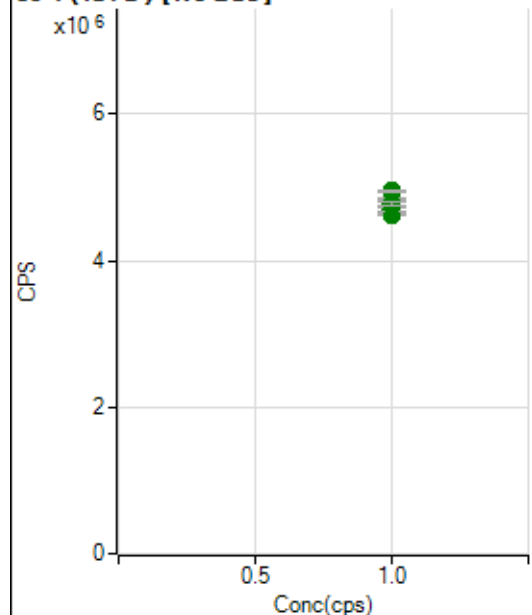
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		597596.74		P	0.6
2	☐	1.000					
3	☐	1.000		592463.31		P	0.1
4	☐	1.000		603525.92		P	1.0
5	☐	1.000		623974.35		P	1.1
6	☐	1.000		641958.35		P	0.4
7	☐	1.000		648856.38		P	0.3
8	☐	1.000		676214.24		P	2.0
9	☐	1.000		643429.90		P	2.4

45 Sc (ISTD) [No Gas]

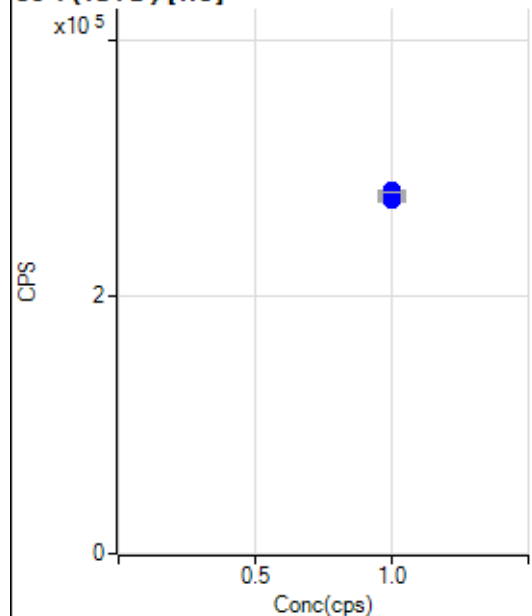
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3418911.88		A	1.0
2	☐	1.000					
3	☐	1.000		3455682.63		A	0.3
4	☐	1.000		3473552.99		A	0.9
5	☐	1.000		3513346.83		A	0.8
6	☐	1.000		3492211.36		A	0.4
7	☐	1.000		3553024.73		A	0.3
8	☐	1.000		3587963.32		A	0.5
9	☐	1.000		3556366.14		A	0.7

45 Sc (ISTD) [He]

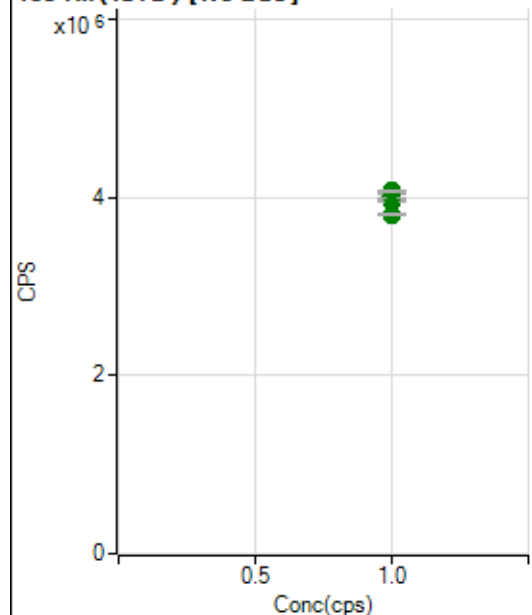
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		49742.17		P	0.2
2	☐	1.000					
3	☐	1.000		49889.34		P	0.8
4	☐	1.000		49649.71		P	0.4
5	☐	1.000		49287.29		P	1.3
6	☐	1.000		49703.32		P	1.2
7	☐	1.000		49091.52		P	0.1
8	☐	1.000		49715.43		P	0.3
9	☐	1.000		49953.00		P	0.9

89 Y (ISTD) [No Gas]

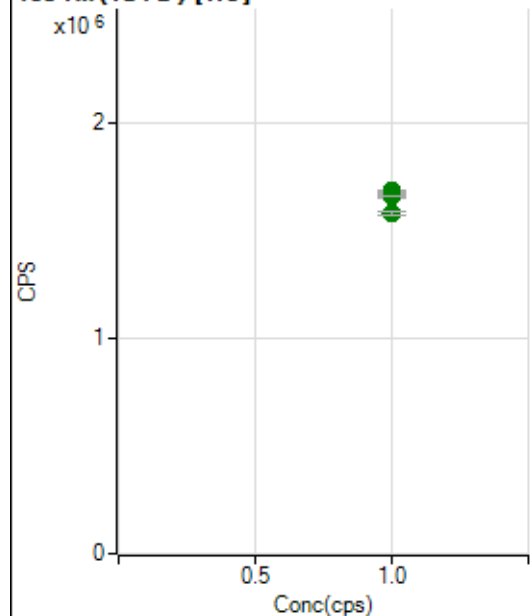
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4632092.08		A	0.6
2	☐	1.000					
3	☐	1.000		4650299.24		A	0.1
4	☐	1.000		4692763.13		A	0.9
5	☐	1.000		4743586.63		A	0.3
6	☐	1.000		4779103.82		A	1.1
7	☐	1.000		4835931.91		A	0.8
8	☐	1.000		4952447.22		A	0.5
9	☐	1.000		4771511.56		A	1.0

89 Y (ISTD) [He]

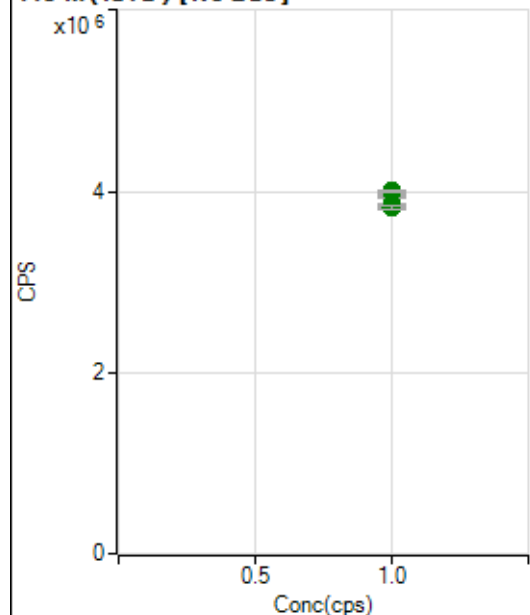
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		275952.41		P	1.1
2	☐	1.000					
3	☐	1.000		277576.80		P	0.6
4	☐	1.000		277963.80		P	0.9
5	☐	1.000		276415.22		P	1.0
6	☐	1.000		278876.04		P	0.8
7	☐	1.000		278793.29		P	0.2
8	☐	1.000		282644.74		P	0.5
9	☐	1.000		281904.93		P	0.2

103 Rh (ISTD) [No Gas]

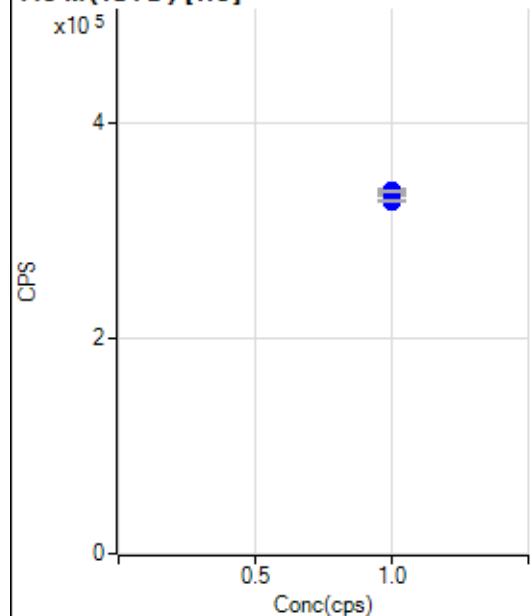
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3973681.99		A	0.4
2	☐	1.000					
3	☐	1.000		3987218.36		A	0.8
4	☐	1.000		3956123.09		A	0.7
5	☐	1.000		4024395.66		A	1.9
6	☐	1.000		4052808.25		A	0.7
7	☐	1.000		4019138.29		A	0.7
8	☐	1.000		4074196.09		A	0.6
9	☐	1.000		3810347.13		A	1.1

103 Rh (ISTD) [He]

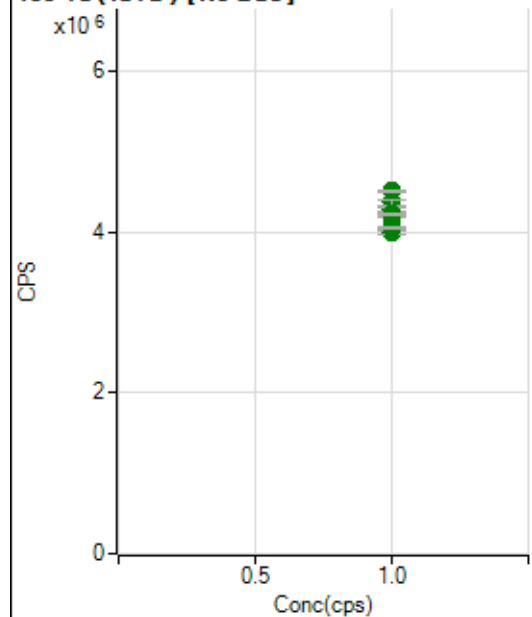
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1664342.39		A	0.6
2	☐	1.000					
3	☐	1.000		1668377.20		A	1.8
4	☐	1.000		1682214.65		A	0.1
5	☐	1.000		1657598.64		A	0.5
6	☐	1.000		1674280.55		A	0.5
7	☐	1.000		1656542.98		A	0.5
8	☐	1.000		1660555.84		A	0.2
9	☐	1.000		1580222.23		A	1.0

115 In (ISTD) [No Gas]

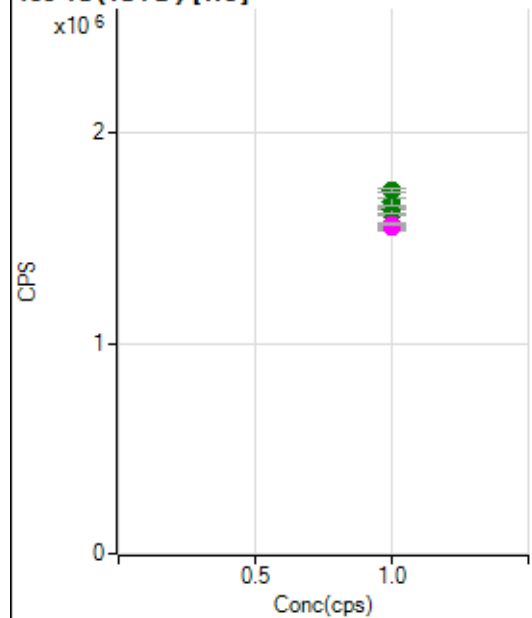
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3822349.80		A	1.1
2	☐	1.000					
3	☐	1.000		3855905.26		A	0.5
4	☐	1.000		3844693.94		A	1.1
5	☐	1.000		3949557.90		A	0.2
6	☐	1.000		3961092.85		A	1.2
7	☐	1.000		3988430.76		A	0.6
8	☐	1.000		4006187.61		A	0.4
9	☐	1.000		3814383.33		A	1.1

115 In (ISTD) [He]

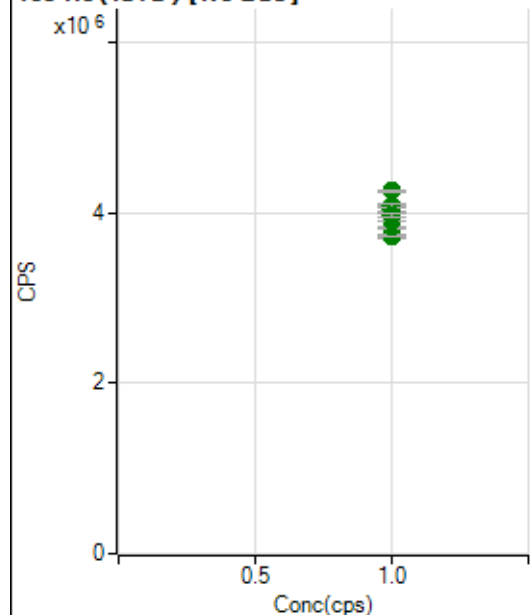
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		332825.59		P	0.2
2	☐	1.000					
3	☐	1.000		333460.76		P	1.1
4	☐	1.000		333518.71		P	0.7
5	☐	1.000		333972.64		P	0.4
6	☐	1.000		336871.18		P	0.9
7	☐	1.000		334035.20		P	0.5
8	☐	1.000		336662.43		P	0.4
9	☐	1.000		327481.36		P	0.2

159 Tb (ISTD) [No Gas]

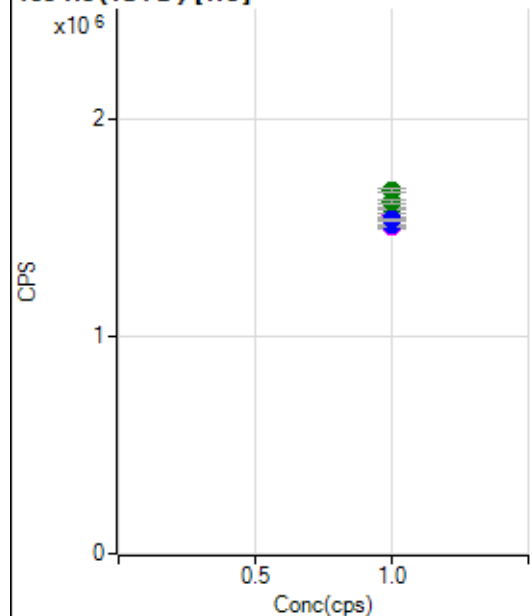
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3994697.27		A	0.9
2	☐	1.000					
3	☐	1.000		4038481.68		A	0.4
4	☐	1.000		4065280.74		A	0.5
5	☐	1.000		4186456.43		A	0.1
6	☐	1.000		4287329.38		A	1.0
7	☐	1.000		4379660.56		A	1.6
8	☐	1.000		4516194.83		A	0.5
9	☐	1.000		4225834.07		A	1.0

159 Tb (ISTD) [He]

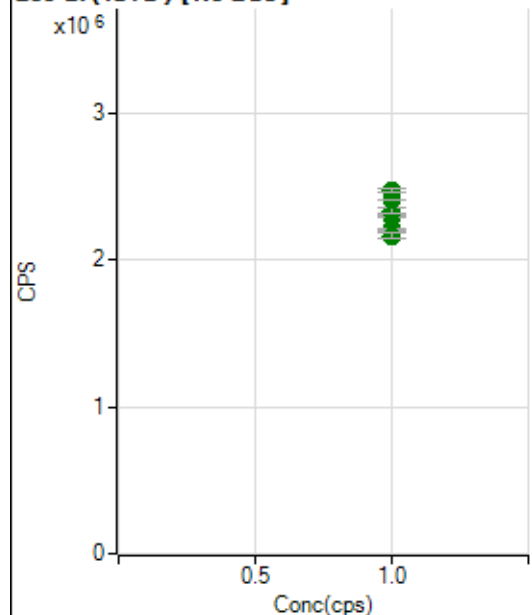
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1553457.39		M	0.9
2	☐	1.000					
3	☐	1.000		1551140.84		M	1.6
4	☐	1.000		1558773.69		M	0.8
5	☐	1.000		1621413.00		A	1.5
6	☐	1.000		1633521.10		A	1.6
7	☐	1.000		1672323.65		A	2.2
8	☐	1.000		1725955.86		A	1.0
9	☐	1.000		1568007.27		M	0.6

165 Ho (ISTD) [No Gas]

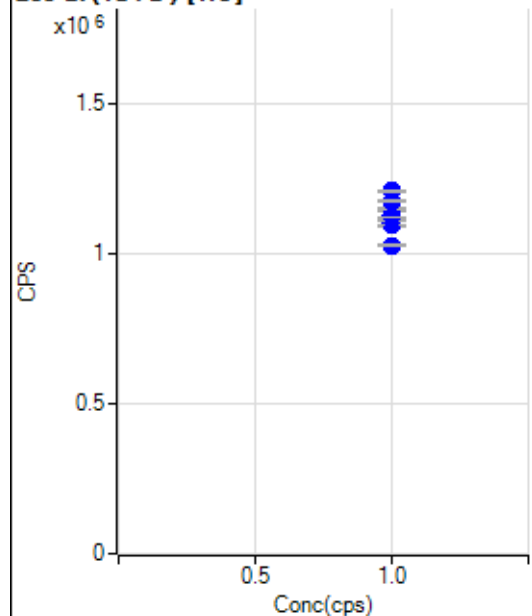
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3719579.38		A	0.8
2	☐	1.000					
3	☐	1.000		3740664.32		A	1.1
4	☐	1.000		3832606.77		A	0.6
5	☐	1.000		3908665.10		A	0.2
6	☐	1.000		4050053.82		A	1.4
7	☐	1.000		4093928.30		A	0.7
8	☐	1.000		4263409.60		A	0.6
9	☐	1.000		3980690.45		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1500149.27		M	0.6
2	☐	1.000					
3	☐	1.000		1507848.55		P	0.4
4	☐	1.000		1534794.58		P	0.5
5	☐	1.000		1556259.80		M	1.2
6	☐	1.000		1591052.51		A	0.6
7	☐	1.000		1618968.93		A	1.0
8	☐	1.000		1668087.80		A	1.1
9	☐	1.000		1536206.28		P	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2208700.87		A	0.7
2	☐	1.000					
3	☐	1.000		2194915.12		A	0.9
4	☐	1.000		2210512.42		A	0.7
5	☐	1.000		2293493.32		A	0.6
6	☐	1.000		2333480.49		A	1.6
7	☐	1.000		2409758.49		A	0.4
8	☐	1.000		2470285.61		A	0.9
9	☐	1.000		2165971.01		A	1.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1093224.58		P	0.6
2	☐	1.000					
3	☐	1.000		1099888.43		P	0.9
4	☐	1.000		1111393.42		P	0.8
5	☐	1.000		1128051.89		P	1.7
6	☐	1.000		1149764.29		P	0.4
7	☐	1.000		1174850.02		P	0.8
8	☐	1.000		1208129.00		P	0.4
9	☐	1.000		1026799.03		P	0.9

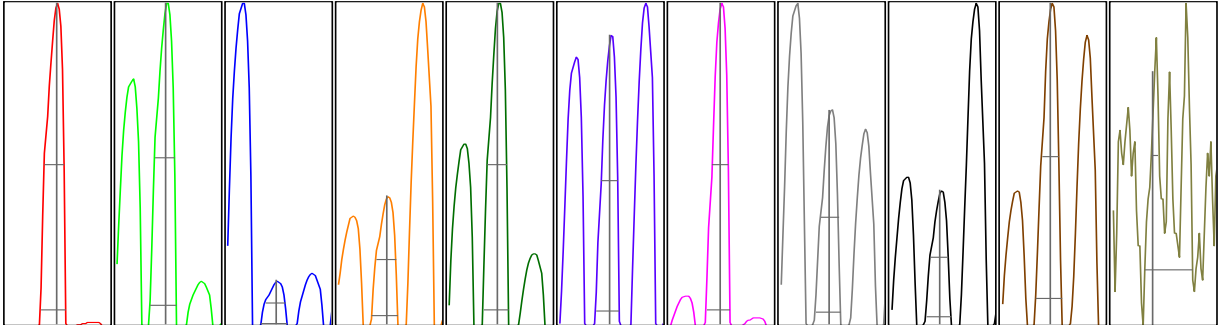
US EPA Tune Check Sample Report

Batch Folder D:\P8010919 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3593	0.43	5.00	
24	43932	0.55	5.00	
25	6063	0.62	5.00	
26	7236	0.53	5.00	
59	40205	0.62	5.00	
113	4031	0.50	5.00	
115	48376	0.63	5.00	
206	8095	0.22	5.00	
207	7455	0.36	5.00	
208	17666	0.36	5.00	
220	1	21.63		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3593	3614	3599	3587	3571
24	43867	43847	43898	43707	44342
25	6087	6019	6068	6033	6109
26	7214	7261	7254	7179	7271
59	40205	40033	40256	39940	40592
113	4015	4044	4042	4005	4051
115	48911	48196	48321	48155	48299
206	8064	8097	8107	8100	8107
207	7486	7434	7432	7440	7483
208	17758	17601	17671	17610	17692
220	1	1	1	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6937	9.00	8.9 - 9.1		0.724	0.900	
24	81893	23.95	23.9 - 24.1		0.752	0.900	
25	11247	24.95	24.9 - 25.1		0.735	0.900	
26	13224	25.95	25.9 - 26.1		0.736	0.900	
59	77360	58.95	58.9 - 59.1		0.731	0.900	
113	8553	113.00	112.9 - 113.1		0.676	0.900	
115	102124	115.00	114.9 - 115.1		0.681	0.900	
206	16534	205.95	205.9 - 206.1		0.724	0.900	
207	15072	206.95	206.9 - 207.1		0.723	0.900	
208	35895	207.95	207.9 - 208.1		0.736	0.900	
220	2	219.70	-		1.347		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.7	V	Deflect	15.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	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	7427	2.32	
89	5051	2.75	
205	6843	2.70	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7504	7568	7499	7435	7130
89	5138	5145	5077	5085	4809
205	6929	6992	6895	6878	6522

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.7	V	Deflect	3.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 15:20:57 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.29	0.57	-0.28	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.03	0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.03	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.02	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.10	-0.21	0.11	0.00	N/A	ppb
Boron	11-1	0.03	0.02	-0.05	0.00	N/A	ppb
Cadmium	111-1	-0.05	0.01	0.04	0.00	N/A	ppb
Cadmium	106-1	-0.82	0.27	0.56	0.00	N/A	ppb
Cadmium	108-1	-0.06	0.06	0.00	0.00	N/A	ppb
Calcium	43-1	-3.68	2.34	1.34	0.00	N/A	ppb
Calcium	44-1	4.21	-2.38	-1.83	0.00	N/A	ppb
Chromium	52-2	-0.01	-0.04	0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.33	0.16	0.17	0.00	N/A	ppb
Iron	57-2	0.33	0.00	-0.34	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.02	-0.03	0.00	N/A	ppb
Lead	208-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.21	1.13	-1.34	0.00	N/A	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:20:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.03	-0.03	0.06	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.03	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-14.22	-1.95	-14.12	-10.10		ppb
Potassium	39-2	14.64	-13.03	-1.60	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-3.66	0.01	3.65	0.00	N/A	ppb
Selenium	78-2	0.19	0.21	-0.40	0.00	N/A	ppb
Selenium	82-1	-0.01	0.79	-0.78	0.00	N/A	ppb
Silicon	28-1	1.89	0.11	-2.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	-0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	4.57	-0.81	-3.76	0.00	N/A	ppb
Strontium	86-1	0.09	-0.06	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	299.64	-63.33	-288.98	-17.56		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.12	0.23	-0.11	0.00	N/A	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:20:57	DataFile Name :	003CALB.d

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

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 15:28:16 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.84	17.98	12.56	16.46	20.67	ppb
Antimony	121-1	1.85	1.79	1.71	1.78	3.89	ppb
Arsenic	75-1	0.69	0.84	0.77	0.77	10.17	ppb
Barium	135-1	10.26	9.41	9.75	9.81	4.36	ppb
Barium	137-1	10.06	9.51	9.75	9.77	2.80	ppb
Beryllium	9-1	1.00	0.89	0.98	0.96	6.53	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	23.08	22.38	21.76	22.41	2.97	ppb
Boron	11-1	22.16	23.29	23.77	23.07	3.60	ppb
Cadmium	111-1	0.84	0.91	0.98	0.91	7.73	ppb
Cadmium	106-1	0.68	0.92	2.22	1.27	65.31	ppb
Cadmium	108-1	1.61	0.65	1.01	1.09	44.58	ppb
Calcium	43-1	450.10	458.71	441.20	450.00	1.95	ppb
Calcium	44-1	454.92	451.94	465.34	457.40	1.54	ppb
Chromium	52-2	1.56	1.93	1.77	1.75	10.70	ppb
Cobalt	59-2	0.90	0.96	0.89	0.92	4.40	ppb
Copper	63-2	1.86	1.82	1.88	1.85	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	48.86	48.49	50.11	49.15	1.72	ppb
Iron	57-2	52.29	51.23	48.97	50.83	3.34	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.89	0.85	0.87	2.37	ppb
Lead	207-1	0.87	0.95	0.76	0.86	10.83	ppb
Lead	208-1	0.85	0.90	0.85	0.87	3.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	467.48	476.88	493.92	479.43	2.80	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:28:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.87	1.06	1.06	1.00	10.88	ppb
Molybdenum	94-1	4.67	4.56	4.88	4.70	3.40	ppb
Molybdenum	95-1	4.74	4.79	4.67	4.73	1.28	ppb
Molybdenum	96-1	4.68	4.44	4.77	4.63	3.73	ppb
Molybdenum	97-1	4.99	4.58	4.97	4.85	4.73	ppb
Molybdenum	98-1	4.82	4.99	4.79	4.87	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.03	0.96	1.06	9.85	ppb
Phosphorus	31-2	22.10	10.52	-2.33	10.10	121.03	ppb
Potassium	39-2	433.66	457.33	461.92	450.97	3.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	7.26	-0.06	7.18	4.79	87.76	ppb
Selenium	78-2	3.20	6.71	7.34	5.75	38.80	ppb
Selenium	82-1	5.40	5.28	5.98	5.55	6.77	ppb
Silicon	28-1	9.01	8.37	18.89	12.09	48.76	ppb
Silver	109-1	0.93	0.98	1.01	0.97	4.38	ppb
Silver	107-1	0.95	0.88	0.88	0.91	4.34	ppb
Sodium	23-2	454.65	462.40	463.34	460.13	1.04	ppb
Strontium	86-1	0.74	0.85	0.68	0.75	11.47	ppb
Strontium	88-1	0.95	0.94	0.88	0.92	4.19	ppb
Sulfur	34-1	19.78	-125.30	158.20	17.56	807.38	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.77	0.89	0.82	0.83	7.53	ppb
Thallium	205-1	0.86	0.84	0.87	0.86	1.73	ppb
Tin	118-1	5.04	4.59	4.73	4.79	4.75	ppb
Titanium	47-1	4.61	4.96	4.43	4.67	5.72	ppb
Uranium	238-1	0.81	0.84	0.89	0.85	4.87	ppb
Vanadium	51-2	5.21	4.79	4.80	4.93	4.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	1.48	2.02	1.88	1.79	15.58	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:28:16	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.00	0.87	0.93	0.93	6.93	ppb
Zirconium	91-1	0.83	0.83	0.92	0.86	6.14	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:32:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	976.57	1004.00	966.78	982.45	1.96	ppb
Antimony	121-1	51.28	50.32	50.04	50.54	1.28	ppb
Arsenic	75-1	48.69	48.76	48.61	48.69	0.15	ppb
Barium	135-1	253.14	254.48	249.71	252.44	0.97	ppb
Barium	137-1	252.43	253.56	251.72	252.57	0.37	ppb
Beryllium	9-1	50.92	51.63	51.34	51.30	0.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	51.11	55.42	51.01	52.51	4.79	ppb
Boron	11-1	48.74	52.28	51.01	50.68	3.54	ppb
Cadmium	111-1	50.29	50.41	50.45	50.38	0.16	ppb
Cadmium	106-1	52.53	52.65	51.36	52.18	1.37	ppb
Cadmium	108-1	52.85	54.64	48.42	51.97	6.17	ppb
Calcium	43-1	4794.23	4881.97	4846.61	4840.93	0.91	ppb
Calcium	44-1	4940.16	5001.38	5046.16	4995.90	1.07	ppb
Chromium	52-2	50.14	51.04	51.18	50.78	1.11	ppb
Cobalt	59-2	50.48	50.02	49.93	50.14	0.59	ppb
Copper	63-2	100.94	101.47	100.07	100.83	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2581.54	2557.45	2596.47	2578.49	0.76	ppb
Iron	57-2	2523.24	2551.20	2555.86	2543.43	0.69	ppb
Krypton	83-1						cps
Lead	206-1	47.89	47.96	49.42	48.43	1.78	ppb
Lead	207-1	49.21	48.49	47.92	48.54	1.33	ppb
Lead	208-1	48.12	48.18	48.38	48.23	0.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	5269.22	5260.45	5335.84	5288.51	0.78	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:32:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.75	101.86	104.58	102.06	2.37	ppb
Molybdenum	94-1	248.03	244.16	244.29	245.49	0.90	ppb
Molybdenum	95-1	248.13	241.25	241.69	243.69	1.58	ppb
Molybdenum	96-1	246.75	238.39	243.62	242.92	1.74	ppb
Molybdenum	97-1	252.03	243.67	252.98	249.56	2.05	ppb
Molybdenum	98-1	246.84	244.17	248.18	246.40	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.53	52.53	51.61	51.56	1.95	ppb
Phosphorus	31-2	1079.71	1161.42	1002.58	1081.24	7.35	ppb
Potassium	39-2	2429.03	2445.24	2450.79	2441.69	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	43.59	49.99	54.32	49.30	10.95	ppb
Selenium	78-2	59.49	61.48	51.54	57.50	9.14	ppb
Selenium	82-1	49.81	50.14	50.48	50.14	0.68	ppb
Silicon	28-1	64.50	70.06	70.01	68.19	4.69	ppb
Silver	109-1	51.65	50.96	50.66	51.09	0.99	ppb
Silver	107-1	52.48	51.40	50.95	51.61	1.52	ppb
Sodium	23-2	5020.80	5052.46	5029.80	5034.35	0.32	ppb
Strontium	86-1	50.95	50.28	49.51	50.25	1.43	ppb
Strontium	88-1	51.26	50.75	50.25	50.75	1.00	ppb
Sulfur	34-1	699.75	1078.77	937.21	905.24	21.16	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	48.14	48.82	48.79	48.58	0.79	ppb
Thallium	205-1	48.41	48.81	49.03	48.75	0.65	ppb
Tin	118-1	51.35	49.74	50.04	50.38	1.69	ppb
Titanium	47-1	247.41	247.58	247.12	247.37	0.09	ppb
Uranium	238-1	47.13	48.63	48.39	48.05	1.67	ppb
Vanadium	51-2	49.41	49.76	49.58	49.59	0.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	99.47	98.80	100.25	99.50	0.73	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:32:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.68	49.04	49.12	49.28	0.70	ppb
Zirconium	91-1	48.72	48.47	47.82	48.34	0.96	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:35:54	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2466.51	2417.29	2410.34	2431.38	1.26	ppb
Antimony	121-1	126.67	127.16	126.08	126.63	0.43	ppb
Arsenic	75-1	122.81	121.88	122.55	122.41	0.39	ppb
Barium	135-1	628.95	628.40	629.80	629.05	0.11	ppb
Barium	137-1	631.08	634.24	632.87	632.73	0.25	ppb
Beryllium	9-1	126.49	130.14	127.39	128.01	1.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	120.58	124.83	122.36	122.59	1.74	ppb
Boron	11-1	125.12	128.43	127.73	127.09	1.37	ppb
Cadmium	111-1	124.74	124.95	125.15	124.95	0.16	ppb
Cadmium	106-1	131.70	126.11	128.70	128.84	2.17	ppb
Cadmium	108-1	122.43	124.39	126.36	124.39	1.58	ppb
Calcium	43-1	12428.41	11961.06	12206.02	12198.50	1.92	ppb
Calcium	44-1	12654.95	12305.54	12440.78	12467.09	1.41	ppb
Chromium	52-2	126.57	127.39	126.99	126.98	0.32	ppb
Cobalt	59-2	127.14	126.28	125.17	126.20	0.78	ppb
Copper	63-2	253.66	250.65	250.54	251.62	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	6421.65	6277.85	6251.04	6316.85	1.45	ppb
Iron	57-2	6328.38	6302.12	6279.73	6303.41	0.39	ppb
Krypton	83-1						cps
Lead	206-1	122.42	124.05	122.41	122.96	0.77	ppb
Lead	207-1	122.87	121.83	120.68	121.79	0.90	ppb
Lead	208-1	121.60	121.59	120.83	121.34	0.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	13440.21	13234.15	13240.10	13304.82	0.88	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:35:54	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	257.08	251.43	251.05	253.19	1.33	ppb
Molybdenum	94-1	612.33	620.51	622.65	618.49	0.88	ppb
Molybdenum	95-1	615.06	621.52	619.72	618.76	0.54	ppb
Molybdenum	96-1	629.17	625.04	631.32	628.51	0.51	ppb
Molybdenum	97-1	627.80	622.53	624.49	624.94	0.43	ppb
Molybdenum	98-1	638.53	629.21	637.26	635.00	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.16	128.26	128.55	128.99	0.79	ppb
Phosphorus	31-2	3279.76	2689.31	2398.57	2789.22	16.10	ppb
Potassium	39-2	6265.51	6098.77	6135.63	6166.64	1.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	84.10	161.56	134.99	126.88	31.02	ppb
Selenium	78-2	131.54	119.12	145.07	131.91	9.84	ppb
Selenium	82-1	127.77	123.85	124.55	125.39	1.67	ppb
Silicon	28-1	177.46	176.63	184.61	179.57	2.44	ppb
Silver	109-1	126.82	126.84	126.74	126.80	0.04	ppb
Silver	107-1	126.65	128.27	128.27	127.73	0.73	ppb
Sodium	23-2	12712.26	12742.20	12518.46	12657.64	0.96	ppb
Strontium	86-1	124.60	126.19	125.12	125.30	0.65	ppb
Strontium	88-1	128.04	125.87	126.53	126.81	0.88	ppb
Sulfur	34-1	2607.50	1997.80	2322.04	2309.12	13.21	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	120.74	120.27	120.63	120.55	0.20	ppb
Thallium	205-1	123.06	121.94	121.75	122.25	0.58	ppb
Tin	118-1	126.08	128.03	126.52	126.88	0.80	ppb
Titanium	47-1	617.02	612.27	620.83	616.70	0.70	ppb
Uranium	238-1	121.01	120.88	120.48	120.79	0.23	ppb
Vanadium	51-2	125.82	123.78	125.70	125.10	0.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	253.85	244.34	247.93	248.70	1.93	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:35:54	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	123.57	124.35	123.10	123.67	0.51	ppb
Zirconium	91-1	121.45	122.42	122.42	122.10	0.46	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:39:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4847.12	4777.90	4801.79	4808.93	0.73	ppb
Antimony	121-1	253.80	251.04	251.19	252.01	0.62	ppb
Arsenic	75-1	251.72	246.55	247.36	248.54	1.12	ppb
Barium	135-1	1269.49	1242.18	1242.16	1251.27	1.26	ppb
Barium	137-1	1297.58	1272.76	1284.99	1285.11	0.97	ppb
Beryllium	9-1	253.97	255.54	248.50	252.67	1.46	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	252.30	253.35	244.33	249.99	1.97	ppb
Boron	11-1	251.40	249.11	250.53	250.35	0.46	ppb
Cadmium	111-1	246.28	243.86	246.32	245.49	0.57	ppb
Cadmium	106-1	251.57	240.03	239.43	243.68	2.81	ppb
Cadmium	108-1	252.34	243.60	250.94	248.96	1.89	ppb
Calcium	43-1	24774.04	24664.50	24396.84	24611.79	0.79	ppb
Calcium	44-1	24622.84	24433.81	24514.81	24523.82	0.39	ppb
Chromium	52-2	254.21	246.67	250.13	250.34	1.51	ppb
Cobalt	59-2	252.30	247.09	249.50	249.63	1.04	ppb
Copper	63-2	501.41	493.07	498.79	497.76	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	12645.77	12384.24	12684.26	12571.43	1.30	ppb
Iron	57-2	12611.62	12484.10	12665.80	12587.18	0.74	ppb
Krypton	83-1						cps
Lead	206-1	242.07	245.79	250.13	246.00	1.64	ppb
Lead	207-1	245.06	244.05	251.31	246.81	1.59	ppb
Lead	208-1	242.19	242.77	247.82	244.26	1.27	ppb
Lithium	6-1				107		%
Magnesium	24-2	26227.10	25844.26	26123.57	26064.98	0.76	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:39:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	503.45	495.88	506.63	501.99	1.10	ppb
Molybdenum	94-1	1269.24	1283.53	1287.56	1280.11	0.75	ppb
Molybdenum	95-1	1258.84	1283.95	1264.79	1269.19	1.03	ppb
Molybdenum	96-1	1280.02	1296.30	1250.81	1275.71	1.81	ppb
Molybdenum	97-1	1264.08	1270.91	1240.63	1258.54	1.26	ppb
Molybdenum	98-1	1266.51	1268.26	1269.52	1268.10	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.21	251.47	254.90	254.19	0.96	ppb
Phosphorus	31-2	4921.04	4855.20	4936.69	4904.31	0.88	ppb
Potassium	39-2	12466.05	12052.69	12280.26	12266.33	1.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	257.58	160.69	251.91	223.39	24.34	ppb
Selenium	78-2	247.07	248.58	263.50	253.05	3.59	ppb
Selenium	82-1	255.78	256.83	249.00	253.87	1.68	ppb
Silicon	28-1	295.06	299.19	301.54	298.60	1.10	ppb
Silver	109-1	252.71	247.24	249.51	249.82	1.10	ppb
Silver	107-1	253.89	249.69	249.69	251.09	0.97	ppb
Sodium	23-2	25677.41	25488.21	25441.04	25535.55	0.49	ppb
Strontium	86-1	253.97	249.96	248.87	250.93	1.07	ppb
Strontium	88-1	258.05	255.60	254.59	256.08	0.69	ppb
Sulfur	34-1	5386.82	5078.20	4867.88	5110.97	5.11	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	243.13	243.61	253.95	246.90	2.48	ppb
Thallium	205-1	245.99	246.32	253.70	248.67	1.75	ppb
Tin	118-1	252.91	249.01	250.40	250.77	0.79	ppb
Titanium	47-1	1243.56	1250.39	1261.53	1251.83	0.72	ppb
Uranium	238-1	251.05	251.51	262.55	255.04	2.55	ppb
Vanadium	51-2	254.60	247.02	248.56	250.06	1.60	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	501.69	489.87	489.40	493.65	1.41	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:39:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	254.08	255.30	251.23	253.54	0.83	ppb
Zirconium	91-1	249.70	249.55	246.05	248.43	0.83	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:43:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9702.88	9591.99	9528.04	9607.63	0.92	ppb
Antimony	121-1	506.12	511.49	492.15	503.25	1.98	ppb
Arsenic	75-1	485.47	484.40	484.97	484.94	0.11	ppb
Barium	135-1	2491.41	2530.21	2477.65	2499.76	1.09	ppb
Barium	137-1	2521.83	2559.79	2445.25	2508.96	2.33	ppb
Beryllium	9-1	500.85	502.20	506.32	503.12	0.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	491.90	513.39	511.93	505.74	2.37	ppb
Boron	11-1	490.30	501.66	501.65	497.87	1.32	ppb
Cadmium	111-1	486.01	491.87	474.57	484.15	1.82	ppb
Cadmium	106-1	485.59	495.06	483.43	488.03	1.27	ppb
Cadmium	108-1	479.32	497.33	487.75	488.14	1.85	ppb
Calcium	43-1	48255.77	48263.00	48640.04	48386.27	0.45	ppb
Calcium	44-1	48556.24	49082.80	48783.36	48807.47	0.54	ppb
Chromium	52-2	509.86	504.67	503.13	505.89	0.70	ppb
Cobalt	59-2	499.43	495.40	499.78	498.20	0.49	ppb
Copper	63-2	1004.10	988.86	989.05	994.01	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	25564.08	24904.83	25088.54	25185.82	1.35	ppb
Iron	57-2	25217.57	24995.36	25107.50	25106.81	0.44	ppb
Krypton	83-1						cps
Lead	206-1	483.32	482.89	478.53	481.58	0.55	ppb
Lead	207-1	486.98	486.03	483.75	485.59	0.34	ppb
Lead	208-1	493.03	489.69	489.79	490.84	0.39	ppb
Lithium	6-1				109		%
Magnesium	24-2	55266.75	53224.36	53508.74	53999.95	2.05	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:43:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.13	1006.06	1001.59	1008.26	0.79	ppb
Molybdenum	94-1	2447.82	2521.96	2525.50	2498.43	1.76	ppb
Molybdenum	95-1	2469.19	2487.08	2498.89	2485.05	0.60	ppb
Molybdenum	96-1	2458.67	2488.74	2561.29	2502.90	2.11	ppb
Molybdenum	97-1	2466.96	2541.96	2572.61	2527.18	2.15	ppb
Molybdenum	98-1	2458.00	2489.21	2523.22	2490.14	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.30	508.57	503.92	507.26	0.58	ppb
Phosphorus	31-2	9684.62	10153.38	9629.85	9822.61	2.93	ppb
Potassium	39-2	24165.75	24439.56	24008.22	24204.51	0.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	485.66	474.59	433.14	464.46	5.96	ppb
Selenium	78-2	533.09	491.90	483.71	502.90	5.26	ppb
Selenium	82-1	494.85	499.90	503.08	499.28	0.83	ppb
Silicon	28-1	583.00	586.45	598.18	589.21	1.35	ppb
Silver	109-1	505.07	510.75	494.47	503.43	1.64	ppb
Silver	107-1	504.82	514.73	495.50	505.02	1.90	ppb
Sodium	23-2	50760.00	49919.21	49614.25	50097.82	1.18	ppb
Strontium	86-1	493.97	499.93	509.50	501.13	1.56	ppb
Strontium	88-1	502.67	500.36	503.15	502.06	0.30	ppb
Sulfur	34-1	10243.96	10056.32	10135.38	10145.22	0.93	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	480.40	489.10	482.32	483.94	0.94	ppb
Thallium	205-1	501.81	511.57	494.55	502.64	1.70	ppb
Tin	118-1	499.24	503.55	493.12	498.64	1.05	ppb
Titanium	47-1	2512.52	2519.83	2547.71	2526.69	0.73	ppb
Uranium	238-1	495.33	500.51	497.28	497.71	0.53	ppb
Vanadium	51-2	497.63	502.60	498.61	499.61	0.53	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	992.91	977.56	977.73	982.73	0.90	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:43:16	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.42	500.52	505.64	502.86	0.51	ppb
Zirconium	91-1	485.07	492.28	492.23	489.86	0.85	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:46:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19000.93	19322.00	19024.12	19115.68	0.94	ppb
Antimony	121-1	996.45	1000.95	995.52	997.64	0.29	ppb
Arsenic	75-1	989.76	1011.31	1023.77	1008.28	1.71	ppb
Barium	135-1	5002.23	4998.63	4996.67	4999.17	0.06	ppb
Barium	137-1	4952.81	5037.17	4966.96	4985.65	0.91	ppb
Beryllium	9-1	1019.28	998.80	973.92	997.33	2.28	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Boron	10-1	999.35	1012.46	980.30	997.37	1.62	ppb
Boron	11-1	1000.27	1013.21	988.71	1000.73	1.22	ppb
Cadmium	111-1	1013.51	1008.21	1005.40	1009.04	0.41	ppb
Cadmium	106-1	1017.38	1005.79	997.76	1006.98	0.98	ppb
Cadmium	108-1	1003.26	1016.77	998.48	1006.17	0.94	ppb
Calcium	43-1	98009.59	98209.59	99035.43	98418.20	0.55	ppb
Calcium	44-1	97528.96	97489.11	99160.22	98059.43	0.97	ppb
Chromium	52-2	989.10	1003.98	996.97	996.68	0.75	ppb
Cobalt	59-2	998.70	1005.65	998.16	1000.83	0.42	ppb
Copper	63-2	1985.87	2022.32	2001.76	2003.31	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	49942.23	49929.92	48947.76	49606.64	1.15	ppb
Iron	57-2	49780.36	49967.73	49575.80	49774.63	0.39	ppb
Krypton	83-1						cps
Lead	206-1	1013.56	997.08	1020.99	1010.54	1.21	ppb
Lead	207-1	1005.69	1002.66	1017.09	1008.48	0.75	ppb
Lead	208-1	1011.05	999.25	1009.39	1006.56	0.63	ppb
Lithium	6-1				113		%
Magnesium	24-2	105077.72	105609.58	103639.95	104775.75	0.97	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:46:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1986.79	2014.89	1982.93	1994.87	0.87	ppb
Molybdenum	94-1	5030.13	4970.01	4982.76	4994.30	0.63	ppb
Molybdenum	95-1	5020.19	4994.98	4996.14	5003.77	0.28	ppb
Molybdenum	96-1	5011.20	5017.61	4947.30	4992.04	0.78	ppb
Molybdenum	97-1	4998.62	5006.86	4947.44	4984.31	0.65	ppb
Molybdenum	98-1	4986.74	5002.19	5009.08	4999.34	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.00	997.71	992.53	994.74	0.27	ppb
Phosphorus	31-2	19452.52	20310.14	20454.54	20072.40	2.70	ppb
Potassium	39-2	47901.26	48779.91	48134.36	48271.84	0.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	1013.72	985.87	1073.08	1024.22	4.35	ppb
Selenium	78-2	980.12	975.47	1034.05	996.55	3.27	ppb
Selenium	82-1	995.37	1004.66	997.97	999.33	0.48	ppb
Silicon	28-1	922.97	946.79	936.73	935.49	1.28	ppb
Silver	109-1	988.91	999.66	1005.58	998.05	0.85	ppb
Silver	107-1	991.75	993.59	1005.05	996.80	0.72	ppb
Sodium	23-2	99657.87	99329.33	98656.88	99214.69	0.51	ppb
Strontium	86-1	1001.73	998.54	997.18	999.15	0.23	ppb
Strontium	88-1	997.33	997.65	996.58	997.18	0.06	ppb
Sulfur	34-1	21891.50	16119.90	21773.33	19928.25	16.55	ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	1012.10	1012.52	1003.68	1009.43	0.49	ppb
Thallium	205-1	1006.33	995.19	996.73	999.42	0.60	ppb
Tin	118-1	992.52	1004.79	1003.40	1000.24	0.67	ppb
Titanium	47-1	4939.48	4981.57	5041.04	4987.37	1.02	ppb
Uranium	238-1	1001.20	993.03	1007.30	1000.51	0.72	ppb
Vanadium	51-2	995.19	1005.02	1000.35	1000.19	0.49	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	2000.44	2023.84	2006.95	2010.41	0.60	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:46:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1004.77	989.93	998.97	997.89	0.75	ppb
Zirconium	91-1	1010.26	998.75	1008.72	1005.91	0.62	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:50:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100515.81	99779.15	100387.67	100227.54	0.39	ppb
Antimony	121-1	1.42	1.35	1.49	1.42	5.12	ppb
Arsenic	75-1	1.44	1.65	1.51	1.53	7.14	ppb
Barium	135-1	0.65	0.74	0.51	0.63	18.48	ppb
Barium	137-1	0.75	0.69	0.73	0.72	4.19	ppb
Beryllium	9-1	0.15	0.08	0.14	0.12	33.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	16.55	16.43	15.99	16.32	1.82	ppb
Boron	11-1	18.49	18.42	16.68	17.86	5.73	ppb
Cadmium	111-1	0.14	0.08	0.07	0.10	39.99	ppb
Cadmium	106-1	0.80	0.24	-0.35	0.23	251.70	ppb
Cadmium	108-1	0.22	0.22	0.11	0.18	35.45	ppb
Calcium	43-1	495352.79	503476.03	502690.14	500506.32	0.90	ppb
Calcium	44-1	495320.95	503525.71	502749.59	500532.08	0.90	ppb
Chromium	52-2	15.44	14.90	14.89	15.08	2.08	ppb
Cobalt	59-2	12.13	11.90	11.87	11.97	1.20	ppb
Copper	63-2	2.78	2.72	2.71	2.74	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	250945.30	250669.39	248547.50	250054.06	0.52	ppb
Iron	57-2	250972.56	247994.25	251117.98	250028.26	0.71	ppb
Krypton	83-1						cps
Lead	206-1	1.45	1.41	1.45	1.44	1.72	ppb
Lead	207-1	1.27	1.34	1.42	1.34	5.80	ppb
Lead	208-1	1.34	1.36	1.40	1.37	2.59	ppb
Lithium	6-1				108		%
Magnesium	24-2	503487.06	495570.25	496648.55	498568.62	0.86	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:50:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.01	11.17	11.14	11.10	0.75	ppb
Molybdenum	94-1	3.28	3.27	3.24	3.26	0.73	ppb
Molybdenum	95-1	3.54	3.60	3.58	3.58	0.90	ppb
Molybdenum	96-1	3.94	3.79	3.71	3.81	2.97	ppb
Molybdenum	97-1	3.91	3.57	3.60	3.69	5.10	ppb
Molybdenum	98-1	3.56	3.54	3.48	3.53	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.48	19.50	18.94	19.31	1.64	ppb
Phosphorus	31-2	-26.28	-2.28	-38.55	-22.37		ppb
Potassium	39-2	254732.73	247792.65	248793.51	250439.63	1.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	-0.09	-0.10	-3.66	-1.28		ppb
Selenium	78-2	0.78	-0.40	0.19	0.19	312.26	ppb
Selenium	82-1	0.86	0.98	2.01	1.28	49.03	ppb
Silicon	28-1	116.03	125.93	127.42	123.13	5.03	ppb
Silver	109-1	0.06	0.09	0.07	0.07	21.37	ppb
Silver	107-1	0.07	0.08	0.08	0.07	12.38	ppb
Sodium	23-2	505362.32	498962.57	496023.88	500116.26	0.95	ppb
Strontium	86-1	4.18	4.75	4.59	4.51	6.53	ppb
Strontium	88-1	4.52	4.55	4.53	4.53	0.33	ppb
Sulfur	34-1	-1908.28	-1446.60	-1062.42	-1472.43		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.44	0.34	0.36	0.38	13.96	ppb
Thallium	205-1	0.41	0.39	0.32	0.37	12.88	ppb
Tin	118-1	0.74	0.83	0.85	0.80	7.35	ppb
Titanium	47-1	1.17	1.06	1.22	1.15	7.19	ppb
Uranium	238-1	0.06	0.06	0.04	0.05	21.78	ppb
Vanadium	51-2	0.15	0.22	0.25	0.21	24.36	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	17.74	17.79	18.51	18.01	2.41	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:50:16	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.41	0.43	0.39	0.41	4.01	ppb
Zirconium	91-1	0.39	0.37	0.42	0.39	6.69	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:54:56	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	539.56	520.88	525.76	528.73	1.83	ppb
Antimony	121-1	200.49	200.81	202.55	201.28	0.55	ppb
Arsenic	75-1	192.36	195.73	195.15	194.41	0.93	ppb
Barium	135-1	98.86	101.86	101.66	100.79	1.67	ppb
Barium	137-1	101.46	102.12	101.47	101.68	0.37	ppb
Beryllium	9-1	100.12	98.79	100.19	99.70	0.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	8.73	6.38	7.44	7.52	15.59	ppb
Boron	11-1	7.35	7.51	7.74	7.53	2.57	ppb
Cadmium	111-1	98.74	99.42	101.14	99.76	1.24	ppb
Cadmium	106-1	88.69	90.02	91.26	89.99	1.43	ppb
Cadmium	108-1	94.40	93.38	91.54	93.11	1.56	ppb
Calcium	43-1	1935.47	1951.13	1943.00	1943.20	0.40	ppb
Calcium	44-1	2084.16	2058.29	2071.47	2071.31	0.62	ppb
Chromium	52-2	97.49	96.00	101.05	98.18	2.64	ppb
Cobalt	59-2	98.99	98.89	101.53	99.80	1.50	ppb
Copper	63-2	98.85	99.52	102.02	100.13	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	993.34	991.02	1024.39	1002.92	1.86	ppb
Iron	57-2	998.16	1002.45	984.74	995.12	0.93	ppb
Krypton	83-1						cps
Lead	206-1	199.86	195.69	200.45	198.67	1.31	ppb
Lead	207-1	189.35	188.65	192.90	190.30	1.20	ppb
Lead	208-1	192.95	191.12	195.54	193.20	1.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	1226.22	1182.86	1203.34	1204.14	1.80	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:54:56	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.69	94.59	99.62	96.63	2.74	ppb
Molybdenum	94-1	0.03	0.11	0.09	0.08	57.07	ppb
Molybdenum	95-1	0.11	0.12	0.11	0.11	8.26	ppb
Molybdenum	96-1	0.18	0.12	0.12	0.14	22.57	ppb
Molybdenum	97-1	0.12	0.22	0.09	0.14	49.52	ppb
Molybdenum	98-1	0.09	0.13	0.12	0.11	17.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.62	100.00	103.68	101.77	1.82	ppb
Phosphorus	31-2	-15.15	-26.76	-2.01	-14.64		ppb
Potassium	39-2	2048.22	1946.00	2044.28	2012.83	2.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	198.81	219.87	235.82	218.17	8.51	ppb
Selenium	78-2	196.29	196.00	215.12	202.47	5.41	ppb
Selenium	82-1	207.97	201.23	204.04	204.41	1.66	ppb
Silicon	28-1	-13.51	-12.96	-14.31	-13.59		ppb
Silver	109-1	101.11	102.27	102.43	101.93	0.71	ppb
Silver	107-1	103.02	103.28	103.44	103.25	0.21	ppb
Sodium	23-2	2186.18	2145.95	2209.15	2180.42	1.47	ppb
Strontium	86-1	2.42	2.23	2.38	2.35	4.23	ppb
Strontium	88-1	2.31	2.31	2.29	2.30	0.38	ppb
Sulfur	34-1	-1992.39	-1858.26	-1974.32	-1941.66		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	200.92	195.37	202.87	199.72	1.95	ppb
Thallium	205-1	202.59	198.97	203.47	201.68	1.18	ppb
Tin	118-1	0.04	0.03	0.03	0.03	21.28	ppb
Titanium	47-1	0.03	0.13	0.14	0.10	63.51	ppb
Uranium	238-1	0.03	0.01	0.03	0.02	41.73	ppb
Vanadium	51-2	98.62	98.07	100.80	99.16	1.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	195.69	196.73	201.55	197.99	1.58	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:54:56	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.00	0.01	143.23	ppb
Zirconium	91-1	0.14	0.11	0.12	0.12	11.69	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:02:14	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.64	22.65	18.93	21.08	9.12	ppb
Antimony	121-1	2.03	2.15	2.01	2.06	3.64	ppb
Arsenic	75-1	0.87	0.80	0.88	0.85	5.18	ppb
Barium	135-1	9.59	9.45	9.53	9.52	0.73	ppb
Barium	137-1	10.24	9.24	9.75	9.74	5.12	ppb
Beryllium	9-1	1.15	0.96	0.97	1.03	10.45	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	28.42	27.67	27.62	27.91	1.61	ppb
Boron	11-1	27.30	26.32	28.89	27.50	4.71	ppb
Cadmium	111-1	0.98	1.08	1.05	1.04	5.18	ppb
Cadmium	106-1	2.44	2.59	2.03	2.35	12.25	ppb
Cadmium	108-1	1.03	1.03	0.55	0.87	31.79	ppb
Calcium	43-1	494.60	435.14	440.55	456.76	7.20	ppb
Calcium	44-1	543.66	524.66	515.65	527.99	2.71	ppb
Chromium	52-2	1.96	1.74	2.03	1.91	7.98	ppb
Cobalt	59-2	0.92	0.86	0.94	0.90	4.57	ppb
Copper	63-2	1.85	1.87	1.82	1.85	1.53	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				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	49.66	51.08	52.14	50.96	2.44	ppb
Iron	57-2	52.69	50.67	63.17	55.51	12.08	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.86	0.89	0.90	5.49	ppb
Lead	207-1	0.90	0.85	0.98	0.91	7.33	ppb
Lead	208-1	0.96	0.87	0.95	0.93	5.17	ppb
Lithium	6-1				93		%
Magnesium	24-2	492.55	496.80	492.16	493.84	0.52	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:02:14	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.81	1.09	1.06	0.99	15.42	ppb
Molybdenum	94-1	4.95	4.46	4.67	4.69	5.19	ppb
Molybdenum	95-1	5.11	4.77	4.68	4.85	4.73	ppb
Molybdenum	96-1	4.89	4.48	4.80	4.72	4.56	ppb
Molybdenum	97-1	4.88	4.77	4.59	4.75	3.07	ppb
Molybdenum	98-1	5.00	4.77	4.77	4.85	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.90	0.93	0.92	1.59	ppb
Phosphorus	31-2	21.44	70.10	83.23	58.26	55.88	ppb
Potassium	39-2	471.91	479.35	523.54	491.60	5.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	-3.66	10.75	10.77	5.95	139.82	ppb
Selenium	78-2	6.73	4.35	3.17	4.75	38.21	ppb
Selenium	82-1	5.92	5.80	4.59	5.44	13.48	ppb
Silicon	28-1	-8.47	-8.26	-7.20	-7.98		ppb
Silver	109-1	0.86	1.01	0.91	0.93	8.48	ppb
Silver	107-1	0.96	0.92	0.95	0.94	2.18	ppb
Sodium	23-2	546.62	546.16	559.13	550.63	1.34	ppb
Strontium	86-1	0.92	0.86	0.76	0.85	9.93	ppb
Strontium	88-1	0.96	0.96	0.89	0.94	4.23	ppb
Sulfur	34-1	-1764.64	-1473.89	-1649.64	-1629.39		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.87	0.97	0.97	0.94	5.96	ppb
Thallium	205-1	1.04	1.04	0.95	1.01	5.34	ppb
Tin	118-1	4.86	4.90	4.96	4.91	0.98	ppb
Titanium	47-1	4.65	5.15	4.98	4.93	5.13	ppb
Uranium	238-1	0.84	0.87	0.84	0.85	2.00	ppb
Vanadium	51-2	4.95	5.01	4.87	4.94	1.43	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2.30	1.69	2.18	2.06	15.62	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:02:14	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.97	0.95	0.97	0.96	1.22	ppb
Zirconium	91-1	0.95	0.91	0.85	0.90	5.42	ppb

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:05:41 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	-2.27	1.33	-0.01		ppb
Antimony	121-1	0.05	0.06	0.04	0.05	22.19	ppb
Arsenic	75-1	-0.03	0.00	0.02	0.00		ppb
Barium	135-1	-0.02	-0.01	-0.03	-0.02		ppb
Barium	137-1	0.01	0.00	0.02	0.01	90.85	ppb
Beryllium	9-1	0.06	0.02	0.01	0.03	88.33	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	2.39	2.84	2.78	2.67	9.16	ppb
Boron	11-1	3.13	3.40	2.96	3.16	7.00	ppb
Cadmium	111-1	0.02	-0.02	0.07	0.02	207.21	ppb
Cadmium	106-1	0.19	-0.18	0.62	0.21	190.40	ppb
Cadmium	108-1	0.00	0.12	-0.06	0.02	445.02	ppb
Calcium	43-1	-7.10	-3.18	-5.01	-5.10		ppb
Calcium	44-1	56.28	58.16	62.63	59.02	5.53	ppb
Chromium	52-2	-0.16	0.10	0.00	-0.02		ppb
Cobalt	59-2	-0.02	0.01	-0.03	-0.02		ppb
Copper	63-2	0.03	0.02	0.03	0.03	15.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	0.49	0.08	0.15	0.24	91.17	ppb
Iron	57-2	4.92	2.73	1.64	3.10	53.97	ppb
Krypton	83-1						cps
Lead	206-1	0.03	-0.01	0.05	0.02	135.15	ppb
Lead	207-1	0.01	0.02	0.02	0.02	15.63	ppb
Lead	208-1	0.03	0.01	0.04	0.03	45.34	ppb
Lithium	6-1				92		%
Magnesium	24-2	4.65	1.56	3.68	3.30	48.04	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:05:41	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.08	0.16	0.09	75.89	ppb
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	109.47	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.02	54.11	ppb
Molybdenum	97-1	0.06	0.07	0.06	0.06	9.79	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	78.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.02	0.01	63.86	ppb
Phosphorus	31-2	-26.23	-2.06	9.62	-6.22		ppb
Potassium	39-2	6.68	12.12	-0.63	6.05	105.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	3.56	3.52	-3.66	1.14	364.46	ppb
Selenium	78-2	0.20	3.15	0.79	1.38	113.33	ppb
Selenium	82-1	-0.27	-0.77	-0.60	-0.55		ppb
Silicon	28-1	-18.59	-18.77	-19.45	-18.93		ppb
Silver	109-1	0.00	0.00	0.01	0.00	89.02	ppb
Silver	107-1	0.00	0.00	0.00	0.00	75971.79	ppb
Sodium	23-2	78.61	78.67	88.66	81.98	7.05	ppb
Strontium	86-1	0.01	-0.03	-0.04	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1706.57	-1351.36	-1111.91	-1389.95		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.04	0.06	0.05	26.66	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	30.43	ppb
Tin	118-1	0.00	0.04	0.01	0.02	150.20	ppb
Titanium	47-1	0.03	0.09	0.27	0.13	94.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.22	0.13	0.06	0.14	62.22	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:05:41	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	222.00	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	369.75	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:09:08	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86307.66	85598.12	86024.63	85976.80	0.42	ppb
Antimony	121-1	1.21	1.08	1.21	1.17	6.37	ppb
Arsenic	75-1	0.95	1.15	1.20	1.10	11.80	ppb
Barium	135-1	1.39	1.25	1.55	1.39	10.64	ppb
Barium	137-1	1.53	1.51	1.50	1.51	0.92	ppb
Beryllium	9-1	0.37	0.28	0.32	0.32	14.91	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	4.11	2.67	2.34	3.04	30.93	ppb
Boron	11-1	3.47	3.49	2.46	3.14	18.66	ppb
Cadmium	111-1	0.47	0.41	0.36	0.41	13.20	ppb
Cadmium	106-1	0.63	0.46	-0.85	0.08	1018.74	ppb
Cadmium	108-1	10.62	10.45	10.39	10.49	1.15	ppb
Calcium	43-1	94525.93	94497.20	94542.06	94521.73	0.02	ppb
Calcium	44-1	94790.77	93818.07	95283.05	94630.63	0.79	ppb
Chromium	52-2	19.72	19.84	20.21	19.92	1.29	ppb
Cobalt	59-2	1.16	1.09	1.03	1.10	5.89	ppb
Copper	63-2	7.87	7.96	8.12	7.98	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	98024.67	97700.74	97489.58	97738.33	0.28	ppb
Iron	57-2	98661.95	98722.06	99829.97	99071.32	0.66	ppb
Krypton	83-1						cps
Lead	206-1	5.59	5.20	5.40	5.40	3.61	ppb
Lead	207-1	4.83	4.61	4.53	4.66	3.28	ppb
Lead	208-1	5.10	4.79	4.94	4.94	3.09	ppb
Lithium	6-1				82		%
Magnesium	24-2	97742.22	97820.39	99029.93	98197.52	0.74	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:09:08	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.33	7.64	8.44	7.80	7.36	ppb
Molybdenum	94-1	1336.78	1333.55	1377.14	1349.15	1.80	ppb
Molybdenum	95-1	1880.47	1917.81	1918.15	1905.48	1.14	ppb
Molybdenum	96-1	1837.27	1849.45	1847.05	1844.59	0.35	ppb
Molybdenum	97-1	1916.90	1903.41	1921.49	1913.93	0.49	ppb
Molybdenum	98-1	1900.04	1896.92	1918.22	1905.06	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.49	5.81	5.34	5.54	4.26	ppb
Phosphorus	31-2	99121.40	98001.84	97583.07	98235.44	0.81	ppb
Potassium	39-2	98225.21	96203.70	99354.75	97927.89	1.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	-3.66	-3.66	4.15	-1.05		ppb
Selenium	78-2	-0.40	-0.40	-0.40	-0.40		ppb
Selenium	82-1	0.20	0.41	-0.23	0.13	254.48	ppb
Silicon	28-1	10.18	8.77	6.58	8.51	21.36	ppb
Silver	109-1	0.28	0.26	0.27	0.27	4.41	ppb
Silver	107-1	0.29	0.29	0.27	0.28	2.87	ppb
Sodium	23-2	97482.82	96887.34	96936.06	97102.07	0.34	ppb
Strontium	86-1	32.78	33.97	32.75	33.17	2.10	ppb
Strontium	88-1	33.09	33.35	33.91	33.45	1.25	ppb
Sulfur	34-1	81033.92	81704.97	79066.42	80601.77	1.70	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	0.43	0.49	0.37	0.43	13.97	ppb
Thallium	205-1	0.40	0.39	0.36	0.38	5.90	ppb
Tin	118-1	0.20	0.18	0.24	0.20	15.41	ppb
Titanium	47-1	1938.78	1975.42	1989.18	1967.80	1.32	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	38.38	ppb
Vanadium	51-2	0.12	0.20	0.14	0.15	28.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	13.40	13.08	14.08	13.52	3.78	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:09:08	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.01	0.03	0.02	40.47	ppb
Zirconium	91-1	0.06	0.02	-0.01	0.02	169.44	ppb

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:12:28 DataFile Name : 016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84742.37	84543.88	84513.57	84599.94	0.15	ppb
Antimony	121-1	21.28	20.89	21.09	21.09	0.93	ppb
Arsenic	75-1	19.97	20.25	20.28	20.17	0.86	ppb
Barium	135-1	22.27	21.49	20.96	21.57	3.04	ppb
Barium	137-1	21.93	21.74	20.88	21.52	2.60	ppb
Beryllium	9-1	21.99	22.22	23.23	22.48	2.95	ppb
Bismuth	209-1				89		%
Bismuth	209-2				80		%
Boron	10-1	76.44	83.83	79.87	80.05	4.62	ppb
Boron	11-1	81.27	82.13	80.65	81.35	0.91	ppb
Cadmium	111-1	19.46	18.80	17.96	18.74	4.01	ppb
Cadmium	106-1	14.80	17.31	16.04	16.05	7.81	ppb
Cadmium	108-1	26.91	27.61	28.24	27.58	2.42	ppb
Calcium	43-1	96061.83	95530.09	96701.49	96097.80	0.61	ppb
Calcium	44-1	93955.80	94603.41	94151.93	94237.05	0.35	ppb
Chromium	52-2	39.56	40.17	39.23	39.65	1.20	ppb
Cobalt	59-2	20.37	20.79	21.03	20.73	1.61	ppb
Copper	63-2	27.68	27.59	27.86	27.71	0.49	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				97		%
Holmium	165-2				85		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	56-2	96482.35	96502.88	96881.77	96622.33	0.23	ppb
Iron	57-2	96497.55	96890.18	99118.16	97501.96	1.45	ppb
Krypton	83-1						cps
Lead	206-1	25.61	24.91	24.78	25.10	1.77	ppb
Lead	207-1	23.36	23.65	23.09	23.37	1.20	ppb
Lead	208-1	24.04	23.59	23.58	23.74	1.11	ppb
Lithium	6-1				71		%
Magnesium	24-2	96697.75	96978.89	98411.17	97362.60	0.94	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:12:28	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.20	26.81	26.96	26.66	1.52	ppb
Molybdenum	94-1	1347.62	1377.70	1369.25	1364.86	1.14	ppb
Molybdenum	95-1	1940.96	1927.67	1950.08	1939.57	0.58	ppb
Molybdenum	96-1	1870.44	1853.81	1876.47	1866.91	0.63	ppb
Molybdenum	97-1	1961.89	1971.83	1973.63	1969.11	0.32	ppb
Molybdenum	98-1	1934.56	1924.56	1929.08	1929.40	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.02	24.61	25.15	24.92	1.12	ppb
Phosphorus	31-2	97129.57	93794.72	97529.94	96151.41	2.13	ppb
Potassium	39-2	97572.50	95100.36	95941.42	96204.76	1.31	ppb
Rhodium	103-1				92		%
Rhodium	103-2				86		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	17.01	24.76	4.62	15.46	65.68	ppb
Selenium	78-2	21.39	19.67	13.24	18.10	23.73	ppb
Selenium	82-1	21.00	20.23	20.43	20.55	1.95	ppb
Silicon	28-1	73.39	72.69	70.67	72.25	1.95	ppb
Silver	109-1	18.60	18.80	18.65	18.68	0.57	ppb
Silver	107-1	19.02	19.23	18.96	19.07	0.76	ppb
Sodium	23-2	95663.86	95920.12	97064.02	96216.00	0.77	ppb
Strontium	86-1	33.76	33.21	32.71	33.23	1.57	ppb
Strontium	88-1	33.38	32.99	33.32	33.23	0.63	ppb
Sulfur	34-1	76884.44	77789.66	76517.44	77063.85	0.85	ppb
Terbium	159-1				96		%
Terbium	159-2				84		%
Thallium	203-1	19.49	19.65	19.81	19.65	0.81	ppb
Thallium	205-1	19.91	19.93	19.88	19.91	0.12	ppb
Tin	118-1	68.27	67.40	67.46	67.71	0.72	ppb
Titanium	47-1	1986.05	2047.75	2018.87	2017.56	1.53	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.02	ppb
Vanadium	51-2	19.82	20.07	19.99	19.96	0.62	ppb
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	32.76	32.94	33.13	32.94	0.56	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:12:28	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	30.09	ppb
Zirconium	91-1	0.01	0.01	0.03	0.01	69.13	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:15:49	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51103.82	49143.84	49845.65	50031.10	1.98	ppb
Antimony	121-1	515.72	509.59	503.11	509.47	1.24	ppb
Arsenic	75-1	500.00	495.84	483.79	493.21	1.71	ppb
Barium	135-1	2538.34	2518.65	2548.52	2535.17	0.60	ppb
Barium	137-1	2594.13	2550.07	2537.50	2560.57	1.16	ppb
Beryllium	9-1	586.69	570.27	567.66	574.87	1.79	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	10-1	577.99	566.76	584.89	576.55	1.59	ppb
Boron	11-1	580.36	583.74	586.86	583.66	0.56	ppb
Cadmium	111-1	485.11	473.44	479.16	479.24	1.22	ppb
Cadmium	106-1	493.87	483.34	485.58	487.60	1.14	ppb
Cadmium	108-1	489.99	491.53	477.96	486.49	1.53	ppb
Calcium	43-1	237163.67	238920.08	232571.19	236218.31	1.39	ppb
Calcium	44-1	239446.82	236887.42	232713.08	236349.11	1.44	ppb
Chromium	52-2	523.33	503.18	507.47	511.33	2.08	ppb
Cobalt	59-2	511.53	495.75	495.66	500.98	1.82	ppb
Copper	63-2	985.95	954.98	959.39	966.77	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	125539.03	122907.03	123146.02	123864.03	1.18	ppb
Iron	57-2	128106.23	123175.20	125595.45	125625.63	1.96	ppb
Krypton	83-1						cps
Lead	206-1	502.44	489.33	487.75	493.18	1.64	ppb
Lead	207-1	495.35	492.28	484.35	490.66	1.16	ppb
Lead	208-1	506.17	499.09	492.78	499.35	1.34	ppb
Lithium	6-1				77		%
Magnesium	24-2	253468.27	241883.07	247659.99	247670.44	2.34	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:15:49	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1024.76	987.19	1001.82	1004.59	1.89	ppb
Molybdenum	94-1	2468.08	2525.04	2472.34	2488.49	1.28	ppb
Molybdenum	95-1	2475.00	2500.93	2444.63	2473.52	1.14	ppb
Molybdenum	96-1	2481.41	2503.57	2470.03	2485.01	0.69	ppb
Molybdenum	97-1	2515.23	2514.50	2489.05	2506.26	0.59	ppb
Molybdenum	98-1	2471.56	2492.97	2447.33	2470.62	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.18	498.56	496.24	503.00	1.94	ppb
Phosphorus	31-2	10228.91	10363.95	10177.52	10256.79	0.94	ppb
Potassium	39-2	124626.56	120914.49	119909.15	121816.73	2.04	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	516.25	538.76	491.56	515.53	4.58	ppb
Selenium	78-2	535.28	513.60	512.61	520.50	2.46	ppb
Selenium	82-1	490.28	500.89	482.20	491.12	1.91	ppb
Silicon	28-1	464.51	486.48	485.70	478.90	2.60	ppb
Silver	109-1	505.09	501.26	496.44	500.93	0.87	ppb
Silver	107-1	510.23	496.15	492.31	499.56	1.89	ppb
Sodium	23-2	248607.53	240604.63	243231.90	244148.02	1.67	ppb
Strontium	86-1	501.75	501.77	493.85	499.12	0.91	ppb
Strontium	88-1	501.06	505.19	492.81	499.69	1.26	ppb
Sulfur	34-1	6467.29	6751.96	6088.12	6435.79	5.17	ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	500.25	487.68	487.69	491.87	1.48	ppb
Thallium	205-1	518.09	502.71	503.86	508.22	1.69	ppb
Tin	118-1	504.19	494.14	494.78	497.70	1.13	ppb
Titanium	47-1	2557.15	2592.46	2501.46	2550.35	1.80	ppb
Uranium	238-1	506.42	515.57	504.08	508.69	1.19	ppb
Vanadium	51-2	522.20	502.62	511.47	512.10	1.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	984.10	954.70	947.31	962.03	2.02	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:15:49	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.28	508.42	494.14	504.61	1.82	ppb
Zirconium	91-1	490.30	496.31	484.66	490.43	1.19	ppb

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:19:18 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	3.71	3.16	2.29	87.42	ppb
Antimony	121-1	0.26	0.29	0.32	0.29	10.38	ppb
Arsenic	75-1	0.09	0.07	0.20	0.12	59.73	ppb
Barium	135-1	0.02	-0.02	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	0.06	0.02	142.14	ppb
Beryllium	9-1	0.08	0.10	0.04	0.07	40.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Boron	10-1	5.73	7.33	6.16	6.41	12.90	ppb
Boron	11-1	7.22	6.82	6.86	6.97	3.19	ppb
Cadmium	111-1	0.02	-0.03	-0.05	-0.02		ppb
Cadmium	106-1	0.16	-0.34	-0.62	-0.27		ppb
Cadmium	108-1	0.00	0.23	0.18	0.14	87.85	ppb
Calcium	43-1	-7.78	-10.76	-2.31	-6.95		ppb
Calcium	44-1	57.41	56.95	75.18	63.18	16.45	ppb
Chromium	52-2	0.20	0.05	0.22	0.16	60.40	ppb
Cobalt	59-2	-0.03	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.12	0.15	0.09	0.12	24.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				92		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	1.86	1.86	2.09	1.94	6.59	ppb
Iron	57-2	2.47	2.93	2.62	2.67	8.84	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.39	0.40	0.41	8.52	ppb
Lead	207-1	0.46	0.40	0.37	0.41	10.52	ppb
Lead	208-1	0.42	0.38	0.39	0.40	5.78	ppb
Lithium	6-1				77		%
Magnesium	24-2	6.46	5.68	6.27	6.14	6.61	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:19:18	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.02	0.13	0.07	74.30	ppb
Molybdenum	94-1	0.17	0.15	0.22	0.18	21.28	ppb
Molybdenum	95-1	0.20	0.17	0.24	0.20	17.11	ppb
Molybdenum	96-1	0.23	0.20	0.27	0.23	13.81	ppb
Molybdenum	97-1	0.25	0.21	0.33	0.26	23.41	ppb
Molybdenum	98-1	0.22	0.18	0.23	0.21	12.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	0.03	0.01	570.81	ppb
Phosphorus	31-2	-38.55	-25.48	-12.20	-25.41		ppb
Potassium	39-2	64.22	58.72	51.77	58.24	10.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	-3.66	-3.66	4.14	-1.06		ppb
Selenium	78-2	0.86	0.88	1.53	1.09	34.92	ppb
Selenium	82-1	-1.44	-0.84	0.37	-0.63		ppb
Silicon	28-1	-26.59	-28.54	-27.97	-27.70		ppb
Silver	109-1	0.06	0.04	0.06	0.05	23.36	ppb
Silver	107-1	0.05	0.05	0.02	0.04	33.88	ppb
Sodium	23-2	175.29	170.35	176.77	174.14	1.93	ppb
Strontium	86-1	-0.08	-0.05	-0.07	-0.07		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	110.39	ppb
Sulfur	34-1	-4412.56	-4238.20	-3885.04	-4178.60		ppb
Terbium	159-1				100		%
Terbium	159-2				90		%
Thallium	203-1	0.30	0.22	0.21	0.24	20.09	ppb
Thallium	205-1	0.20	0.19	0.22	0.20	8.68	ppb
Tin	118-1	-0.01	0.05	0.03	0.02	128.99	ppb
Titanium	47-1	0.02	-0.09	0.21	0.05	317.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1416.17	ppb
Vanadium	51-2	0.02	-0.01	0.00	0.00	605.97	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	0.25	0.27	0.34	0.29	16.61	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:19:18	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.01	0.02	0.02	53.79	ppb
Zirconium	91-1	-0.01	0.01	-0.02	-0.01		ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:25:25	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.98	15.67	14.90	15.52	3.57	ppb
Antimony	121-1	1.85	1.96	1.89	1.90	3.00	ppb
Arsenic	75-1	0.90	0.85	0.72	0.83	11.05	ppb
Barium	135-1	9.32	9.11	9.57	9.33	2.48	ppb
Barium	137-1	9.79	9.58	9.13	9.50	3.54	ppb
Beryllium	9-1	1.11	0.97	1.08	1.05	7.03	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Boron	10-1	27.44	27.72	29.70	28.29	4.36	ppb
Boron	11-1	28.16	28.94	30.68	29.26	4.40	ppb
Cadmium	111-1	0.74	0.97	0.81	0.84	14.28	ppb
Cadmium	106-1	0.26	1.49	-0.63	0.37	284.09	ppb
Cadmium	108-1	0.79	0.85	1.48	1.04	36.58	ppb
Calcium	43-1	448.24	441.04	440.08	443.12	1.01	ppb
Calcium	44-1	499.64	493.56	502.50	498.57	0.92	ppb
Chromium	52-2	2.05	2.00	1.81	1.96	6.46	ppb
Cobalt	59-2	0.95	0.93	0.87	0.92	4.29	ppb
Copper	63-2	1.93	1.94	1.89	1.92	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				90		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	51.68	51.90	51.02	51.54	0.89	ppb
Iron	57-2	53.32	55.47	61.52	56.77	7.48	ppb
Krypton	83-1						cps
Lead	206-1	1.08	1.09	1.02	1.07	3.61	ppb
Lead	207-1	0.99	1.01	0.91	0.97	5.39	ppb
Lead	208-1	1.06	1.01	1.00	1.02	2.94	ppb
Lithium	6-1				71		%
Magnesium	24-2	487.46	479.95	484.60	484.00	0.78	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:25:25	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	0.97	1.08	1.03	5.71	ppb
Molybdenum	94-1	4.86	4.56	4.56	4.66	3.70	ppb
Molybdenum	95-1	4.41	4.60	4.99	4.67	6.30	ppb
Molybdenum	96-1	4.75	4.49	4.89	4.71	4.39	ppb
Molybdenum	97-1	5.00	4.89	4.87	4.92	1.39	ppb
Molybdenum	98-1	4.60	4.55	4.84	4.66	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	0.96	1.00	1.04	10.80	ppb
Phosphorus	31-2	-12.61	13.28	64.30	21.66	180.69	ppb
Potassium	39-2	493.94	485.02	477.91	485.62	1.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	-3.66	4.14	0.27	0.25	1559.43	ppb
Selenium	78-2	4.07	6.67	4.13	4.95	29.93	ppb
Selenium	82-1	4.78	3.11	3.73	3.87	21.80	ppb
Silicon	28-1	-23.18	-23.64	-21.75	-22.86		ppb
Silver	109-1	0.98	0.90	0.97	0.95	4.58	ppb
Silver	107-1	1.00	0.83	0.88	0.91	9.35	ppb
Sodium	23-2	594.29	571.40	579.79	581.83	1.99	ppb
Strontium	86-1	0.88	0.98	0.85	0.91	7.25	ppb
Strontium	88-1	0.92	0.89	0.98	0.93	4.96	ppb
Sulfur	34-1	-3922.21	-4249.67	-3733.38	-3968.42		ppb
Terbium	159-1				98		%
Terbium	159-2				89		%
Thallium	203-1	0.98	1.04	1.06	1.03	4.28	ppb
Thallium	205-1	1.05	1.00	1.09	1.05	4.41	ppb
Tin	118-1	4.71	4.71	4.60	4.67	1.34	ppb
Titanium	47-1	4.49	4.69	5.04	4.74	5.86	ppb
Uranium	238-1	0.89	0.82	0.79	0.83	6.18	ppb
Vanadium	51-2	5.11	4.82	4.82	4.91	3.41	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	2.02	1.80	1.93	1.91	5.74	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:25:25	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.91	0.91	0.92	1.67	ppb
Zirconium	91-1	1.04	0.89	0.89	0.94	8.95	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BL	Instrumnet Name :	P8
Client Sample ID :	PB116272BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:29:06	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	0.35	3.18	1.48	101.05	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	50.01	ppb
Arsenic	75-1	0.06	0.02	0.02	0.03	63.93	ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.00	0.02	0.07	0.03	106.75	ppb
Bismuth	209-1				94		%
Bismuth	209-2				87		%
Boron	10-1	3.18	1.99	2.22	2.46	25.68	ppb
Boron	11-1	2.57	3.01	2.77	2.78	8.03	ppb
Cadmium	111-1	-0.06	-0.12	0.04	-0.04		ppb
Cadmium	106-1	-0.81	-1.53	0.48	-0.62		ppb
Cadmium	108-1	0.00	0.07	-0.06	0.00	1495.46	ppb
Calcium	43-1	-7.02	-7.19	-6.14	-6.78		ppb
Calcium	44-1	40.36	52.95	60.90	51.40	20.15	ppb
Chromium	52-2	0.22	0.18	-0.04	0.12	120.40	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.03	0.04	0.05	0.04	28.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				89		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	1.42	0.95	0.78	1.05	31.54	ppb
Iron	57-2	0.66	3.27	2.26	2.06	63.61	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.17	0.09	0.13	27.52	ppb
Lead	207-1	0.10	0.16	0.11	0.12	24.96	ppb
Lead	208-1	0.12	0.13	0.11	0.12	8.90	ppb
Lithium	6-1				70		%
Magnesium	24-2	1.95	5.87	1.42	3.08	78.81	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BL	Instrumnet Name :	P8
Client Sample ID :	PB116272BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:29:06	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.12	0.10	0.26	0.16	56.05	ppb
Molybdenum	94-1	0.03	0.02	0.00	0.01	102.45	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	49.85	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	45.68	ppb
Molybdenum	97-1	0.09	0.06	0.06	0.07	22.20	ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.04	0.07	0.03	209.65	ppb
Phosphorus	31-2	26.20	-38.55	-38.55	-16.97		ppb
Potassium	39-2	25.45	39.86	25.51	30.27	27.43	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	-3.66	-3.66	-3.66	-3.66		ppb
Selenium	78-2	-0.40	0.89	2.83	1.11	146.66	ppb
Selenium	82-1	0.07	-0.72	0.37	-0.09		ppb
Silicon	28-1	-34.59	-30.36	-28.64	-31.20		ppb
Silver	109-1	0.00	0.01	0.01	0.00	143.54	ppb
Silver	107-1	0.02	0.01	0.00	0.01	81.95	ppb
Sodium	23-2	102.83	112.71	113.72	109.76	5.48	ppb
Strontium	86-1	-0.07	-0.12	-0.06	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	70.32	ppb
Sulfur	34-1	-4308.01	-3823.41	-3082.22	-3737.88		ppb
Terbium	159-1				97		%
Terbium	159-2				88		%
Thallium	203-1	0.12	0.14	0.15	0.14	11.51	ppb
Thallium	205-1	0.11	0.10	0.13	0.11	17.34	ppb
Tin	118-1	0.03	0.02	0.03	0.03	26.95	ppb
Titanium	47-1	0.15	0.06	0.11	0.11	41.15	ppb
Uranium	238-1	-0.01	0.00	-0.01	0.00		ppb
Vanadium	51-2	-0.01	-0.02	-0.02	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.52	0.35	-0.16	0.24	149.29	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BL	Instrumnet Name :	P8
Client Sample ID :	PB116272BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:29:06	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.02	0.01	143.72	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00		ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BS	Instrumnet Name :	P8
Client Sample ID :	PB116272BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:32:33	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9323.28	9424.57	9525.03	9424.30	1.07	ppb
Antimony	121-1	516.71	527.72	518.31	520.91	1.14	ppb
Arsenic	75-1	500.55	501.25	490.46	497.42	1.21	ppb
Barium	135-1	2543.49	2606.47	2561.60	2570.52	1.26	ppb
Barium	137-1	2540.52	2585.96	2565.53	2564.00	0.89	ppb
Beryllium	9-1	580.29	575.48	569.06	574.94	0.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	566.63	573.04	564.09	567.92	0.81	ppb
Boron	11-1	578.53	575.19	578.76	577.49	0.35	ppb
Cadmium	111-1	486.10	500.76	496.32	494.39	1.52	ppb
Cadmium	106-1	487.43	497.88	500.97	495.42	1.43	ppb
Cadmium	108-1	493.67	518.88	500.56	504.37	2.58	ppb
Calcium	43-1	49203.65	49153.58	48357.20	48904.81	0.97	ppb
Calcium	44-1	49428.34	49799.59	48788.75	49338.89	1.04	ppb
Chromium	52-2	499.07	504.12	505.04	502.74	0.64	ppb
Cobalt	59-2	498.34	496.44	502.42	499.07	0.61	ppb
Copper	63-2	986.77	983.50	992.59	987.62	0.47	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				101		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	24868.26	24827.34	24946.72	24880.78	0.24	ppb
Iron	57-2	24526.98	24837.94	24781.06	24715.32	0.67	ppb
Krypton	83-1						cps
Lead	206-1	482.65	487.06	488.52	486.08	0.63	ppb
Lead	207-1	485.30	487.23	484.59	485.71	0.28	ppb
Lead	208-1	492.81	495.61	496.49	494.97	0.39	ppb
Lithium	6-1				75		%
Magnesium	24-2	53011.88	53649.23	54081.46	53580.86	1.00	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BS	Instrumnet Name :	P8
Client Sample ID :	PB116272BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:32:33	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.81	987.72	1000.63	991.05	0.85	ppb
Molybdenum	94-1	2476.07	2493.36	2509.43	2492.95	0.67	ppb
Molybdenum	95-1	2504.33	2476.97	2520.11	2500.47	0.87	ppb
Molybdenum	96-1	2507.15	2474.75	2517.28	2499.73	0.89	ppb
Molybdenum	97-1	2489.00	2493.81	2523.35	2502.05	0.74	ppb
Molybdenum	98-1	2456.90	2470.26	2462.94	2463.37	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.25	503.94	509.13	505.78	0.58	ppb
Phosphorus	31-2	9424.09	9998.24	9432.76	9618.36	3.42	ppb
Potassium	39-2	24225.23	24247.42	24554.83	24342.50	0.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	508.79	474.73	509.34	497.62	3.98	ppb
Selenium	78-2	498.09	498.54	492.29	496.31	0.70	ppb
Selenium	82-1	502.14	498.11	504.73	501.66	0.67	ppb
Silicon	28-1	404.89	400.25	400.99	402.04	0.62	ppb
Silver	109-1	509.42	517.25	511.24	512.64	0.80	ppb
Silver	107-1	516.95	525.29	513.91	518.72	1.14	ppb
Sodium	23-2	49560.12	49575.93	50026.26	49720.77	0.53	ppb
Strontium	86-1	498.25	504.06	504.35	502.22	0.68	ppb
Strontium	88-1	501.24	501.79	502.72	501.92	0.15	ppb
Sulfur	34-1	7719.85	7126.52	6849.64	7232.00	6.15	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	487.74	489.13	496.13	491.00	0.92	ppb
Thallium	205-1	499.05	510.59	518.10	509.24	1.88	ppb
Tin	118-1	506.60	511.48	504.91	507.66	0.67	ppb
Titanium	47-1	2591.37	2542.74	2524.91	2553.00	1.35	ppb
Uranium	238-1	491.63	499.15	494.57	495.12	0.77	ppb
Vanadium	51-2	500.11	503.55	507.80	503.82	0.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	978.88	984.58	995.10	986.18	0.83	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BS	Instrumnet Name :	P8
Client Sample ID :	PB116272BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:32:33	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.17	493.89	504.05	501.37	1.31	ppb
Zirconium	91-1	488.42	485.61	492.89	488.98	0.75	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01	Instrumnet Name :	P8
Client Sample ID :	381220707.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:35:52	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.28	37.42	30.62	35.78	12.75	ppb
Antimony	121-1	0.30	0.27	0.30	0.29	5.91	ppb
Arsenic	75-1	2.28	2.10	2.26	2.21	4.45	ppb
Barium	135-1	0.86	0.70	0.61	0.72	16.93	ppb
Barium	137-1	0.81	0.73	0.72	0.75	6.29	ppb
Beryllium	9-1	0.07	0.01	0.03	0.04	81.85	ppb
Bismuth	209-1				101		%
Bismuth	209-2				86		%
Boron	10-1	15.94	12.38	11.56	13.29	17.49	ppb
Boron	11-1	12.85	12.15	12.39	12.47	2.87	ppb
Cadmium	111-1	0.14	-0.06	0.11	0.06	169.24	ppb
Cadmium	106-1	1.15	-1.24	1.22	0.38	372.56	ppb
Cadmium	108-1	0.28	-0.01	-0.12	0.05	409.93	ppb
Calcium	43-1	84.47	75.11	81.44	80.34	5.94	ppb
Calcium	44-1	100.36	94.25	90.41	95.01	5.28	ppb
Chromium	52-2	0.22	0.22	0.25	0.23	8.18	ppb
Cobalt	59-2	-0.04	-0.02	-0.04	-0.04		ppb
Copper	63-2	1.32	1.28	1.28	1.29	1.89	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				105		%
Holmium	165-2				89		%
Indium	115-1				108		%
Indium	115-2				91		%
Iron	56-2	3.65	3.86	3.56	3.69	4.14	ppb
Iron	57-2	4.42	5.44	5.08	4.98	10.42	ppb
Krypton	83-1						cps
Lead	206-1	0.71	0.50	0.48	0.57	22.59	ppb
Lead	207-1	0.63	0.61	0.51	0.58	11.30	ppb
Lead	208-1	0.63	0.57	0.51	0.57	10.98	ppb
Lithium	6-1				72		%
Magnesium	24-2	29.66	32.24	24.34	28.75	14.02	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01	Instrumnet Name :	P8
Client Sample ID :	381220707.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:35:52	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.16	0.23	0.25	0.21	21.76	ppb
Molybdenum	94-1	0.19	0.14	0.20	0.18	19.59	ppb
Molybdenum	95-1	0.13	0.14	0.15	0.14	6.02	ppb
Molybdenum	96-1	0.22	0.17	0.19	0.20	13.78	ppb
Molybdenum	97-1	0.18	0.32	0.14	0.22	43.34	ppb
Molybdenum	98-1	0.17	0.14	0.16	0.16	7.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.15	0.07	106.70	ppb
Phosphorus	31-2	-25.46	-38.55	-38.55	-34.19		ppb
Potassium	39-2	37.51	28.88	31.05	32.48	13.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	0.21	4.29	-3.66	0.28	1416.54	ppb
Selenium	78-2	-0.40	0.26	0.94	0.27	251.65	ppb
Selenium	82-1	0.52	-0.96	-0.94	-0.46		ppb
Silicon	28-1	-47.67	-51.06	-49.75	-49.50		ppb
Silver	109-1	0.66	0.53	0.51	0.56	14.21	ppb
Silver	107-1	0.62	0.57	0.50	0.56	10.32	ppb
Sodium	23-2	194.10	208.97	200.54	201.20	3.71	ppb
Strontium	86-1	0.14	0.25	0.14	0.17	35.52	ppb
Strontium	88-1	0.36	0.35	0.40	0.37	7.68	ppb
Sulfur	34-1	-7407.12	-7605.86	-7436.01	-7483.00		ppb
Terbium	159-1				105		%
Terbium	159-2				88		%
Thallium	203-1	0.47	0.35	0.41	0.41	15.06	ppb
Thallium	205-1	0.47	0.42	0.27	0.39	26.09	ppb
Tin	118-1	0.22	0.23	0.21	0.22	4.51	ppb
Titanium	47-1	0.14	0.35	0.34	0.28	42.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	114.09	ppb
Vanadium	51-2	0.04	0.02	0.03	0.03	23.73	ppb
Yttrium	89-1				105		%
Yttrium	89-2				92		%
Zinc	66-2	50.99	49.74	49.10	49.94	1.92	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01	Instrumnet Name :	P8
Client Sample ID :	381220707.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:35:52	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.05	0.00	0.02	131.64	ppb
Zirconium	91-1	0.01	0.04	0.02	0.02	73.38	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220707.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:39:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.24	33.73	37.53	33.50	12.38	ppb
Antimony	121-1	0.12	0.15	0.16	0.15	12.85	ppb
Arsenic	75-1	2.00	2.01	1.86	1.96	4.25	ppb
Barium	135-1	0.61	0.62	0.69	0.64	6.76	ppb
Barium	137-1	0.69	0.70	0.73	0.71	2.34	ppb
Beryllium	9-1	0.03	0.10	0.04	0.05	65.90	ppb
Bismuth	209-1				101		%
Bismuth	209-2				88		%
Boron	10-1	11.89	8.85	10.03	10.26	14.96	ppb
Boron	11-1	10.02	9.90	8.95	9.62	6.07	ppb
Cadmium	111-1	-0.03	-0.04	0.01	-0.02		ppb
Cadmium	106-1	-0.46	-0.94	-0.08	-0.49		ppb
Cadmium	108-1	0.05	0.11	0.11	0.09	38.19	ppb
Calcium	43-1	89.95	78.61	82.26	83.61	6.92	ppb
Calcium	44-1	86.03	82.39	75.84	81.42	6.34	ppb
Chromium	52-2	0.25	0.20	0.28	0.24	16.75	ppb
Cobalt	59-2	-0.05	-0.02	-0.04	-0.04		ppb
Copper	63-2	1.07	0.96	1.04	1.02	5.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				90		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	56-2	3.48	2.88	3.64	3.33	12.12	ppb
Iron	57-2	8.45	7.54	5.62	7.20	20.10	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.45	0.39	0.41	7.42	ppb
Lead	207-1	0.38	0.45	0.38	0.41	9.53	ppb
Lead	208-1	0.42	0.42	0.39	0.41	3.88	ppb
Lithium	6-1				68		%
Magnesium	24-2	31.18	25.03	30.41	28.88	11.60	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220707.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:39:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.18	0.25	0.16	0.20	23.89	ppb
Molybdenum	94-1	0.12	0.06	0.06	0.08	38.82	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	15.14	ppb
Molybdenum	96-1	0.04	0.06	0.06	0.05	14.79	ppb
Molybdenum	97-1	0.11	0.15	0.09	0.11	27.49	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	13.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.05	0.08	0.05	56.26	ppb
Phosphorus	31-2	-38.55	-25.28	-38.55	-34.13		ppb
Potassium	39-2	16.11	5.93	29.45	17.16	68.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	0.32	4.24	0.38	1.64	136.42	ppb
Selenium	78-2	-0.40	0.25	0.27	0.04	951.91	ppb
Selenium	82-1	-1.12	-0.75	-2.02	-1.30		ppb
Silicon	28-1	-52.15	-52.67	-55.72	-53.51		ppb
Silver	109-1	0.29	0.32	0.29	0.30	5.45	ppb
Silver	107-1	0.30	0.32	0.25	0.29	13.49	ppb
Sodium	23-2	164.20	155.88	157.89	159.32	2.72	ppb
Strontium	86-1	0.36	0.23	0.20	0.26	32.60	ppb
Strontium	88-1	0.39	0.40	0.37	0.38	4.19	ppb
Sulfur	34-1	-7686.49	-7397.79	-7686.49	-7590.26		ppb
Terbium	159-1				105		%
Terbium	159-2				89		%
Thallium	203-1	0.13	0.10	0.08	0.10	24.44	ppb
Thallium	205-1	0.11	0.09	0.08	0.09	16.71	ppb
Tin	118-1	0.18	0.23	0.18	0.20	15.02	ppb
Titanium	47-1	0.13	0.24	0.10	0.16	46.61	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.06	0.03	0.04	45.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				91		%
Zinc	66-2	48.71	49.92	50.23	49.62	1.62	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220707.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:39:19	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	17.96	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	237.50	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220707.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-09 16:42:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.35	8.40	11.48	9.08	23.65	ppb
Antimony	121-1	0.06	0.04	0.05	0.05	14.24	ppb
Arsenic	75-1	0.46	0.50	0.58	0.52	12.15	ppb
Barium	135-1	0.09	0.15	0.19	0.14	36.77	ppb
Barium	137-1	0.15	0.17	0.15	0.16	9.54	ppb
Beryllium	9-1	0.09	0.03	0.05	0.05	57.97	ppb
Bismuth	209-1				97		%
Bismuth	209-2				87		%
Boron	10-1	4.99	5.12	5.14	5.08	1.55	ppb
Boron	11-1	4.41	4.65	4.93	4.66	5.56	ppb
Cadmium	111-1	0.00	-0.01	-0.13	-0.05		ppb
Cadmium	106-1	-0.06	-0.06	-1.89	-0.67		ppb
Cadmium	108-1	0.18	0.18	0.06	0.14	49.61	ppb
Calcium	43-1	18.74	13.37	9.04	13.72	35.43	ppb
Calcium	44-1	33.70	36.97	31.26	33.98	8.44	ppb
Chromium	52-2	0.20	0.31	0.25	0.25	22.70	ppb
Cobalt	59-2	-0.04	-0.05	-0.05	-0.05		ppb
Copper	63-2	0.22	0.22	0.23	0.22	4.34	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				102		%
Holmium	165-2				89		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	1.26	1.31	1.08	1.22	10.18	ppb
Iron	57-2	3.50	8.53	2.40	4.81	67.90	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.13	0.15	0.15	13.43	ppb
Lead	207-1	0.16	0.08	0.17	0.14	36.12	ppb
Lead	208-1	0.16	0.13	0.16	0.15	12.48	ppb
Lithium	6-1				67		%
Magnesium	24-2	7.02	10.66	5.61	7.76	33.58	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220707.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-09 16:42:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.16	0.09	0.10	51.67	ppb
Molybdenum	94-1	0.02	0.07	0.03	0.04	77.18	ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	123.39	ppb
Molybdenum	96-1	0.02	0.01	0.04	0.03	59.47	ppb
Molybdenum	97-1	0.09	0.07	0.12	0.09	26.91	ppb
Molybdenum	98-1	0.01	0.05	0.02	0.03	73.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	0.08	0.06	28.10	ppb
Phosphorus	31-2	-25.16	15.55	-38.55	-16.05		ppb
Potassium	39-2	31.41	6.12	23.82	20.45	63.48	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	-3.66	0.40	-3.66	-2.30		ppb
Selenium	78-2	0.93	0.27	-0.40	0.27	248.29	ppb
Selenium	82-1	0.55	-0.62	-1.43	-0.50		ppb
Silicon	28-1	-37.07	-37.20	-38.50	-37.59		ppb
Silver	109-1	0.07	0.06	0.06	0.06	9.14	ppb
Silver	107-1	0.07	0.05	0.07	0.06	14.97	ppb
Sodium	23-2	67.93	63.92	65.97	65.94	3.04	ppb
Strontium	86-1	0.08	0.05	0.04	0.06	43.43	ppb
Strontium	88-1	0.08	0.08	0.09	0.09	9.76	ppb
Sulfur	34-1	-5205.87	-4862.71	-5294.00	-5120.86		ppb
Terbium	159-1				100		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.05	0.04	0.04	23.89	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	24.96	ppb
Tin	118-1	0.04	0.05	0.06	0.05	12.32	ppb
Titanium	47-1	0.12	0.16	0.14	0.14	14.71	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	73.81	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	9.71	9.53	8.75	9.33	5.46	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220707.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-09 16:42:46	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	180.65	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	60.72	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MS	Instrumnet Name :	P8
Client Sample ID :	381220707.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:55:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1616.01	1713.46	1738.73	1689.40	3.84	ppb
Antimony	121-1	769.54	758.54	744.98	757.69	1.62	ppb
Arsenic	75-1	740.60	737.94	732.87	737.14	0.53	ppb
Barium	135-1	191.64	186.85	182.52	187.00	2.44	ppb
Barium	137-1	194.73	187.70	189.18	190.54	1.94	ppb
Beryllium	9-1	210.90	201.01	196.99	202.96	3.53	ppb
Bismuth	209-1				108		%
Bismuth	209-2				90		%
Boron	10-1	300.84	305.68	295.86	300.79	1.63	ppb
Boron	11-1	313.31	302.26	302.96	306.18	2.02	ppb
Cadmium	111-1	186.18	185.86	181.15	184.40	1.53	ppb
Cadmium	106-1	168.04	158.31	168.51	164.95	3.49	ppb
Cadmium	108-1	173.55	167.70	175.32	172.19	2.32	ppb
Calcium	43-1	1043.41	1016.85	996.38	1018.88	2.31	ppb
Calcium	44-1	1010.85	1016.19	984.68	1003.91	1.68	ppb
Chromium	52-2	386.47	397.84	398.87	394.39	1.74	ppb
Cobalt	59-2	198.29	203.23	205.39	202.30	1.80	ppb
Copper	63-2	307.76	321.05	322.82	317.21	2.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				90		%
Indium	115-1				108		%
Indium	115-2				89		%
Iron	56-2	2935.87	3023.61	3019.77	2993.08	1.66	ppb
Iron	57-2	2895.07	2934.75	2889.04	2906.29	0.85	ppb
Krypton	83-1						cps
Lead	206-1	941.30	949.52	921.51	937.45	1.54	ppb
Lead	207-1	925.63	927.19	875.94	909.59	3.20	ppb
Lead	208-1	930.34	940.87	904.01	925.07	2.05	ppb
Lithium	6-1				70		%
Magnesium	24-2	1914.18	1977.14	1986.09	1959.14	2.00	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MS	Instrumnet Name :	P8
Client Sample ID :	381220707.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:55:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	186.24	188.85	188.36	187.82	0.74	ppb
Molybdenum	94-1	264.44	260.18	257.43	260.68	1.36	ppb
Molybdenum	95-1	378.24	367.32	370.05	371.87	1.53	ppb
Molybdenum	96-1	363.72	354.84	354.26	357.61	1.48	ppb
Molybdenum	97-1	383.98	378.53	376.05	379.52	1.07	ppb
Molybdenum	98-1	384.41	372.46	372.59	376.49	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.74	524.05	518.90	515.56	2.05	ppb
Phosphorus	31-2	5128.47	5470.56	5648.10	5415.71	4.88	ppb
Potassium	39-2	8830.62	9137.47	9229.69	9065.92	2.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	1852.13	1893.45	1876.69	1874.09	1.11	ppb
Selenium	78-2	1903.80	1933.70	1941.90	1926.46	1.04	ppb
Selenium	82-1	1938.58	1888.76	1884.47	1903.94	1.58	ppb
Silicon	28-1	671.78	645.67	652.27	656.57	2.07	ppb
Silver	109-1	71.81	70.95	69.13	70.63	1.94	ppb
Silver	107-1	71.72	69.37	69.64	70.24	1.83	ppb
Sodium	23-2	2895.75	3016.42	2980.86	2964.34	2.09	ppb
Strontium	86-1	188.57	185.32	185.78	186.56	0.94	ppb
Strontium	88-1	194.76	188.64	191.25	191.55	1.60	ppb
Sulfur	34-1	-10091.75	-10360.93	-10750.45	-10401.04		ppb
Terbium	159-1				109		%
Terbium	159-2				90		%
Thallium	203-1	1907.32	1890.88	1851.31	1883.17	1.53	ppb
Thallium	205-1	1878.75	1863.12	1825.66	1855.84	1.47	ppb
Tin	118-1	656.74	642.07	633.15	643.98	1.85	ppb
Titanium	47-1	188.70	183.41	183.23	185.11	1.68	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	284.95	291.99	296.61	291.18	2.02	ppb
Yttrium	89-1				105		%
Yttrium	89-2				90		%
Zinc	66-2	219.24	229.20	230.53	226.32	2.73	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MS	Instrumnet Name :	P8
Client Sample ID :	381220707.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:55:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.07	0.08	0.07	13.61	ppb
Zirconium	91-1	0.23	0.22	0.26	0.24	8.14	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220707.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:58:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1666.69	1682.40	1680.26	1676.45	0.51	ppb
Antimony	121-1	762.60	755.70	758.57	758.96	0.46	ppb
Arsenic	75-1	756.84	755.68	761.27	757.93	0.39	ppb
Barium	135-1	189.50	188.67	189.17	189.11	0.22	ppb
Barium	137-1	193.14	189.72	193.64	192.17	1.11	ppb
Beryllium	9-1	204.69	198.46	198.33	200.49	1.81	ppb
Bismuth	209-1				106		%
Bismuth	209-2				90		%
Boron	10-1	309.75	320.07	303.05	310.96	2.76	ppb
Boron	11-1	306.15	308.28	310.95	308.46	0.78	ppb
Cadmium	111-1	188.24	187.94	186.08	187.42	0.62	ppb
Cadmium	106-1	164.94	164.58	162.70	164.07	0.73	ppb
Cadmium	108-1	173.24	173.92	180.09	175.75	2.15	ppb
Calcium	43-1	1052.88	1056.54	1009.62	1039.68	2.51	ppb
Calcium	44-1	1024.77	1011.19	1005.80	1013.92	0.96	ppb
Chromium	52-2	396.48	394.78	406.51	399.26	1.59	ppb
Cobalt	59-2	203.17	204.77	209.53	205.82	1.61	ppb
Copper	63-2	317.09	318.34	324.95	320.13	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				90		%
Indium	115-1				105		%
Indium	115-2				88		%
Iron	56-2	3027.79	3008.02	3060.48	3032.10	0.87	ppb
Iron	57-2	2959.88	2899.64	2982.78	2947.43	1.46	ppb
Krypton	83-1						cps
Lead	206-1	979.18	945.26	964.36	962.93	1.77	ppb
Lead	207-1	927.76	927.10	924.44	926.43	0.19	ppb
Lead	208-1	954.05	944.54	950.49	949.69	0.51	ppb
Lithium	6-1				68		%
Magnesium	24-2	1895.95	1962.69	1946.39	1935.01	1.80	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220707.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:58:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	188.27	187.61	190.90	188.93	0.92	ppb
Molybdenum	94-1	267.20	260.53	263.28	263.67	1.27	ppb
Molybdenum	95-1	379.05	371.33	369.74	373.37	1.33	ppb
Molybdenum	96-1	363.65	357.40	358.42	359.82	0.93	ppb
Molybdenum	97-1	386.57	375.65	380.50	380.90	1.44	ppb
Molybdenum	98-1	382.38	372.80	374.48	376.55	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.04	520.26	534.71	524.33	1.73	ppb
Phosphorus	31-2	5235.71	5293.41	5171.92	5233.68	1.16	ppb
Potassium	39-2	9115.45	9208.69	9197.72	9173.95	0.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	77-2	1769.31	2000.42	1795.45	1855.06	6.82	ppb
Selenium	78-2	1878.13	1940.90	1917.23	1912.08	1.66	ppb
Selenium	82-1	1924.39	1873.00	1900.21	1899.20	1.35	ppb
Silicon	28-1	673.67	663.13	670.51	669.10	0.81	ppb
Silver	109-1	71.13	70.53	70.05	70.57	0.76	ppb
Silver	107-1	71.63	70.42	71.30	71.12	0.88	ppb
Sodium	23-2	2959.87	2936.35	3003.35	2966.52	1.15	ppb
Strontium	86-1	187.78	184.72	186.13	186.21	0.82	ppb
Strontium	88-1	193.81	189.10	191.07	191.32	1.24	ppb
Sulfur	34-1	-11062.22	-11040.38	-10908.12	-11003.57		ppb
Terbium	159-1				108		%
Terbium	159-2				89		%
Thallium	203-1	1928.42	1886.53	1945.88	1920.28	1.59	ppb
Thallium	205-1	1894.87	1859.06	1900.32	1884.75	1.19	ppb
Tin	118-1	652.18	644.77	650.55	649.17	0.60	ppb
Titanium	47-1	188.48	187.22	188.97	188.22	0.48	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	292.10	292.91	301.29	295.44	1.72	ppb
Yttrium	89-1				105		%
Yttrium	89-2				89		%
Zinc	66-2	226.03	227.97	230.84	228.28	1.06	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220707.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:58:52	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.10	0.08	0.08	14.56	ppb
Zirconium	91-1	0.29	0.26	0.29	0.28	5.33	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01A	Instrumnet Name :	P8
Client Sample ID :	381220707.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:02:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1641.74	1660.43	1673.55	1658.57	0.96	ppb
Antimony	121-1	764.11	755.21	746.58	755.30	1.16	ppb
Arsenic	75-1	744.42	742.09	753.10	746.54	0.78	ppb
Barium	135-1	189.32	189.20	188.78	189.10	0.15	ppb
Barium	137-1	192.44	194.61	190.20	192.42	1.15	ppb
Beryllium	9-1	201.88	201.79	195.32	199.66	1.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				89		%
Boron	10-1	288.95	304.77	299.44	297.72	2.70	ppb
Boron	11-1	307.10	309.71	297.43	304.75	2.12	ppb
Cadmium	111-1	186.43	185.00	185.60	185.68	0.39	ppb
Cadmium	106-1	156.20	163.03	154.56	157.93	2.84	ppb
Cadmium	108-1	175.86	173.95	166.14	171.99	2.99	ppb
Calcium	43-1	1064.64	1024.05	1012.33	1033.67	2.66	ppb
Calcium	44-1	1001.42	1004.47	1015.95	1007.28	0.76	ppb
Chromium	52-2	392.99	390.55	399.63	394.39	1.19	ppb
Cobalt	59-2	203.88	203.49	207.71	205.03	1.14	ppb
Copper	63-2	315.58	316.41	322.87	318.29	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				90		%
Indium	115-1				107		%
Indium	115-2				87		%
Iron	56-2	2975.50	2986.47	3026.47	2996.14	0.90	ppb
Iron	57-2	2931.71	2858.74	2909.56	2900.00	1.29	ppb
Krypton	83-1						cps
Lead	206-1	941.99	968.12	932.93	947.68	1.93	ppb
Lead	207-1	909.61	920.22	897.12	908.98	1.27	ppb
Lead	208-1	929.81	939.06	918.96	929.28	1.08	ppb
Lithium	6-1				68		%
Magnesium	24-2	1903.71	1930.60	1881.81	1905.37	1.28	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01A	Instrumnet Name :	P8
Client Sample ID :	381220707.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:02:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	185.38	183.19	190.32	186.30	1.96	ppb
Molybdenum	94-1	265.34	259.10	263.85	262.76	1.24	ppb
Molybdenum	95-1	374.02	368.52	375.09	372.54	0.95	ppb
Molybdenum	96-1	363.42	353.95	358.55	358.64	1.32	ppb
Molybdenum	97-1	386.80	372.71	382.55	380.69	1.90	ppb
Molybdenum	98-1	382.82	372.39	379.46	378.22	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.20	513.49	525.89	519.86	1.19	ppb
Phosphorus	31-2	5265.57	4986.65	5671.72	5307.98	6.49	ppb
Potassium	39-2	9069.20	9046.59	9180.25	9098.68	0.79	ppb
Rhodium	103-1				104		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	1888.66	1840.97	1743.30	1824.31	4.06	ppb
Selenium	78-2	1929.60	1945.87	1905.25	1926.91	1.06	ppb
Selenium	82-1	1931.01	1889.90	1889.21	1903.37	1.26	ppb
Silicon	28-1	664.90	659.81	656.85	660.52	0.62	ppb
Silver	109-1	70.37	70.16	69.62	70.05	0.55	ppb
Silver	107-1	70.28	70.55	69.44	70.09	0.82	ppb
Sodium	23-2	2948.42	2892.89	2997.33	2946.21	1.77	ppb
Strontium	86-1	188.47	184.58	186.01	186.35	1.06	ppb
Strontium	88-1	192.09	189.63	190.11	190.61	0.69	ppb
Sulfur	34-1	-11185.96	-11406.28	-11373.81	-11322.02		ppb
Terbium	159-1				108		%
Terbium	159-2				88		%
Thallium	203-1	1892.42	1904.38	1874.67	1890.49	0.79	ppb
Thallium	205-1	1843.91	1870.36	1863.60	1859.29	0.74	ppb
Tin	118-1	652.99	651.30	647.54	650.61	0.43	ppb
Titanium	47-1	187.51	186.58	188.97	187.69	0.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	288.77	288.98	293.66	290.47	0.95	ppb
Yttrium	89-1				103		%
Yttrium	89-2				88		%
Zinc	66-2	224.55	219.15	228.73	224.14	2.14	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01A	Instrumnet Name :	P8
Client Sample ID :	381220707.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:02:15	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.09	0.08	0.09	8.32	ppb
Zirconium	91-1	0.30	0.30	0.30	0.30	0.84	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-02	Instrumnet Name :	P8
Client Sample ID :	381227091.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:05:39	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.56	42.58	42.83	41.33	5.80	ppb
Antimony	121-1	0.45	0.49	0.49	0.48	4.96	ppb
Arsenic	75-1	1.35	2.03	1.71	1.70	20.04	ppb
Barium	135-1	0.35	0.44	0.41	0.40	12.11	ppb
Barium	137-1	0.50	0.40	0.40	0.43	14.12	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	18.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				85		%
Boron	10-1	11.51	13.50	11.33	12.12	9.95	ppb
Boron	11-1	11.61	11.49	10.03	11.04	7.96	ppb
Cadmium	111-1	-0.08	0.04	-0.21	-0.08		ppb
Cadmium	106-1	-1.12	0.23	-3.12	-1.34		ppb
Cadmium	108-1	0.21	0.05	-0.01	0.08	135.05	ppb
Calcium	43-1	91.82	90.24	75.88	85.98	10.22	ppb
Calcium	44-1	68.87	66.51	79.04	71.47	9.32	ppb
Chromium	52-2	0.74	0.50	0.41	0.55	30.26	ppb
Cobalt	59-2	-0.02	-0.06	-0.03	-0.03		ppb
Copper	63-2	0.78	0.91	0.87	0.85	7.51	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				108		%
Holmium	165-2				88		%
Indium	115-1				106		%
Indium	115-2				86		%
Iron	56-2	6.03	4.91	5.24	5.39	10.66	ppb
Iron	57-2	5.31	6.93	4.76	5.66	19.95	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.24	0.29	0.27	10.72	ppb
Lead	207-1	0.30	0.26	0.29	0.28	6.76	ppb
Lead	208-1	0.29	0.26	0.26	0.27	6.09	ppb
Lithium	6-1				66		%
Magnesium	24-2	101.54	109.01	99.63	103.39	4.79	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-02	Instrumnet Name :	P8
Client Sample ID :	381227091.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:05:39	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.30	0.52	0.47	0.43	26.57	ppb
Molybdenum	94-1	0.09	0.13	0.10	0.10	17.90	ppb
Molybdenum	95-1	0.08	0.07	0.03	0.06	46.32	ppb
Molybdenum	96-1	0.09	0.10	0.09	0.09	6.72	ppb
Molybdenum	97-1	0.19	0.22	0.27	0.22	19.03	ppb
Molybdenum	98-1	0.09	0.04	0.11	0.08	49.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.58	0.53	0.64	21.85	ppb
Phosphorus	31-2	-24.20	-24.20	-24.42	-24.27		ppb
Potassium	39-2	0.46	16.23	23.29	13.33	87.68	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				85		%
Selenium	77-2	0.55	0.56	-3.66	-0.85		ppb
Selenium	78-2	0.99	-0.40	0.29	0.29	235.93	ppb
Selenium	82-1	-1.23	-0.80	-1.71	-1.25		ppb
Silicon	28-1	-55.69	-54.15	-55.04	-54.96		ppb
Silver	109-1	0.09	0.08	0.06	0.08	15.79	ppb
Silver	107-1	0.13	0.08	0.08	0.10	30.04	ppb
Sodium	23-2	129.15	130.75	145.29	135.06	6.59	ppb
Strontium	86-1	0.08	0.11	0.06	0.08	32.18	ppb
Strontium	88-1	0.21	0.21	0.18	0.20	8.00	ppb
Sulfur	34-1	-11358.21	-10844.28	-10787.55	-10996.68		ppb
Terbium	159-1				108		%
Terbium	159-2				86		%
Thallium	203-1	0.29	0.27	0.24	0.26	10.24	ppb
Thallium	205-1	0.28	0.28	0.23	0.26	11.90	ppb
Tin	118-1	0.24	0.30	0.27	0.27	11.41	ppb
Titanium	47-1	0.20	0.19	0.13	0.17	20.61	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1460.58	ppb
Vanadium	51-2	0.04	0.02	0.03	0.03	28.86	ppb
Yttrium	89-1				102		%
Yttrium	89-2				86		%
Zinc	66-2	19.83	20.75	20.01	20.20	2.41	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-02	Instrumnet Name :	P8
Client Sample ID :	381227091.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:05:39	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.02	0.01	86.03	ppb
Zirconium	91-1	-0.03	0.02	0.00	0.00		ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:09:06	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49327.24	49519.47	50394.08	49746.93	1.14	ppb
Antimony	121-1	514.91	499.25	514.57	509.58	1.76	ppb
Arsenic	75-1	521.18	509.32	508.13	512.88	1.41	ppb
Barium	135-1	2586.87	2590.81	2583.65	2587.11	0.14	ppb
Barium	137-1	2605.93	2532.71	2575.53	2571.39	1.43	ppb
Beryllium	9-1	600.49	592.23	585.24	592.65	1.29	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	590.85	603.88	588.16	594.30	1.41	ppb
Boron	11-1	606.40	608.03	607.91	607.45	0.15	ppb
Cadmium	111-1	479.90	476.41	476.19	477.50	0.44	ppb
Cadmium	106-1	491.42	479.25	483.82	484.83	1.27	ppb
Cadmium	108-1	493.27	467.42	492.00	484.23	3.01	ppb
Calcium	43-1	240879.98	239264.75	238219.48	239454.74	0.56	ppb
Calcium	44-1	243963.40	239084.17	240052.36	241033.31	1.07	ppb
Chromium	52-2	524.79	528.00	528.97	527.26	0.41	ppb
Cobalt	59-2	520.63	522.14	525.83	522.87	0.51	ppb
Copper	63-2	1004.87	1017.27	1015.05	1012.40	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	126601.98	126400.50	127882.04	126961.51	0.63	ppb
Iron	57-2	130159.53	129153.96	130920.55	130078.01	0.68	ppb
Krypton	83-1						cps
Lead	206-1	495.45	494.77	503.73	497.98	1.00	ppb
Lead	207-1	496.20	495.75	500.90	497.62	0.57	ppb
Lead	208-1	504.98	504.13	511.04	506.72	0.74	ppb
Lithium	6-1				70		%
Magnesium	24-2	251989.63	255454.89	256412.53	254619.02	0.91	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:09:06	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1013.80	1015.58	1032.64	1020.68	1.02	ppb
Molybdenum	94-1	2559.17	2505.11	2526.38	2530.22	1.08	ppb
Molybdenum	95-1	2530.20	2516.68	2527.74	2524.88	0.29	ppb
Molybdenum	96-1	2539.49	2522.12	2537.15	2532.92	0.37	ppb
Molybdenum	97-1	2560.14	2556.94	2553.90	2556.99	0.12	ppb
Molybdenum	98-1	2545.05	2506.86	2566.44	2539.45	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.54	526.44	526.41	524.46	0.65	ppb
Phosphorus	31-2	10156.49	9573.61	10323.16	10017.75	3.93	ppb
Potassium	39-2	121872.16	122158.61	123713.91	122581.56	0.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	468.53	451.38	508.26	476.06	6.13	ppb
Selenium	78-2	495.54	493.35	517.13	502.01	2.62	ppb
Selenium	82-1	499.13	489.43	494.78	494.45	0.98	ppb
Silicon	28-1	449.54	461.87	464.02	458.48	1.70	ppb
Silver	109-1	504.25	489.71	496.29	496.75	1.47	ppb
Silver	107-1	500.36	488.91	498.00	495.76	1.22	ppb
Sodium	23-2	248681.36	250850.16	253049.51	250860.35	0.87	ppb
Strontium	86-1	506.42	501.35	505.30	504.36	0.53	ppb
Strontium	88-1	508.20	507.88	509.60	508.56	0.18	ppb
Sulfur	34-1	6204.70	6320.15	6204.57	6243.14	1.07	ppb
Terbium	159-1				107		%
Terbium	159-2				95		%
Thallium	203-1	493.49	496.48	503.65	497.87	1.05	ppb
Thallium	205-1	511.29	521.03	521.83	518.05	1.13	ppb
Tin	118-1	499.50	499.24	508.32	502.35	1.03	ppb
Titanium	47-1	2612.75	2570.66	2580.64	2588.01	0.85	ppb
Uranium	238-1	520.07	515.72	523.50	519.77	0.75	ppb
Vanadium	51-2	521.59	527.38	530.05	526.34	0.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	987.62	1005.50	1001.36	998.16	0.94	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:09:06	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.15	509.83	511.99	510.99	0.21	ppb
Zirconium	91-1	500.16	497.10	497.00	498.09	0.36	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:13:22	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.37	0.28	1.70	2.12	98.05	ppb
Antimony	121-1	0.27	0.32	0.34	0.31	11.73	ppb
Arsenic	75-1	0.09	0.06	0.19	0.11	58.13	ppb
Barium	135-1	0.00	-0.03	0.01	-0.01		ppb
Barium	137-1	0.02	0.01	-0.01	0.01	167.81	ppb
Beryllium	9-1	0.12	0.08	0.05	0.08	40.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Boron	10-1	8.72	8.70	7.23	8.22	10.45	ppb
Boron	11-1	10.37	8.80	8.41	9.19	11.33	ppb
Cadmium	111-1	0.00	-0.02	-0.07	-0.03		ppb
Cadmium	106-1	0.12	-0.17	-1.15	-0.40		ppb
Cadmium	108-1	0.00	0.11	-0.06	0.02	591.10	ppb
Calcium	43-1	-10.91	-10.21	-1.34	-7.48		ppb
Calcium	44-1	26.69	32.66	33.63	30.99	12.13	ppb
Chromium	52-2	0.05	0.22	0.13	0.13	64.34	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.10	0.10	0.08	0.09	13.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				93		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	2.08	1.98	2.08	2.05	3.00	ppb
Iron	57-2	1.70	4.02	4.95	3.55	47.05	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.43	0.47	0.45	4.95	ppb
Lead	207-1	0.41	0.38	0.43	0.41	6.52	ppb
Lead	208-1	0.42	0.41	0.43	0.42	2.29	ppb
Lithium	6-1				68		%
Magnesium	24-2	5.22	5.76	3.23	4.74	28.15	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:13:22	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.17	0.10	0.10	0.12	34.17	ppb
Molybdenum	94-1	0.15	0.17	0.14	0.15	10.62	ppb
Molybdenum	95-1	0.13	0.16	0.06	0.12	42.53	ppb
Molybdenum	96-1	0.14	0.16	0.15	0.15	6.44	ppb
Molybdenum	97-1	0.22	0.30	0.15	0.22	33.15	ppb
Molybdenum	98-1	0.17	0.11	0.12	0.13	24.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	-0.05	0.06	0.04	206.14	ppb
Phosphorus	31-2	-24.97	-11.31	-25.24	-20.51		ppb
Potassium	39-2	16.20	49.78	-2.33	21.22	124.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	-3.66	0.34	-3.66	-2.33		ppb
Selenium	78-2	-0.40	0.92	0.93	0.48	158.15	ppb
Selenium	82-1	-1.46	-0.38	-0.62	-0.82		ppb
Silicon	28-1	-33.43	-34.73	-36.47	-34.88		ppb
Silver	109-1	0.06	0.05	0.04	0.05	16.64	ppb
Silver	107-1	0.05	0.06	0.03	0.05	30.04	ppb
Sodium	23-2	96.91	86.36	86.35	89.87	6.78	ppb
Strontium	86-1	-0.18	-0.06	0.04	-0.07		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	53.03	ppb
Sulfur	34-1	-4561.68	-4613.46	-4796.56	-4657.23		ppb
Terbium	159-1				104		%
Terbium	159-2				91		%
Thallium	203-1	0.20	0.19	0.12	0.17	25.19	ppb
Thallium	205-1	0.16	0.17	0.15	0.16	5.90	ppb
Tin	118-1	0.03	0.06	0.05	0.05	36.97	ppb
Titanium	47-1	0.13	0.02	-0.08	0.02	513.48	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	365.26	ppb
Vanadium	51-2	0.00	0.01	0.04	0.02	129.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	0.02	0.02	0.07	0.04	72.57	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:13:22	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.04	0.02	0.02	80.52	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	3.38	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-03	Instrumnet Name :	P8
Client Sample ID :	381227092.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:16:49	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.61	58.64	58.97	58.40	1.22	ppb
Antimony	121-1	0.25	0.25	0.19	0.23	14.71	ppb
Arsenic	75-1	2.30	2.07	2.23	2.20	5.38	ppb
Barium	135-1	1.19	1.21	1.06	1.15	6.74	ppb
Barium	137-1	1.51	1.11	1.32	1.32	15.14	ppb
Beryllium	9-1	0.07	0.02	0.04	0.04	55.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				86		%
Boron	10-1	19.47	17.22	15.47	17.39	11.52	ppb
Boron	11-1	16.31	16.09	15.92	16.11	1.20	ppb
Cadmium	111-1	-0.07	-0.09	-0.13	-0.10		ppb
Cadmium	106-1	-1.19	-1.33	-1.67	-1.40		ppb
Cadmium	108-1	0.37	0.10	0.05	0.17	98.64	ppb
Calcium	43-1	168.28	140.07	131.61	146.65	13.09	ppb
Calcium	44-1	194.66	133.27	131.78	153.24	23.41	ppb
Chromium	52-2	0.17	0.23	0.41	0.27	46.03	ppb
Cobalt	59-2	-0.03	-0.03	-0.05	-0.04		ppb
Copper	63-2	0.95	1.04	0.92	0.97	6.42	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				105		%
Holmium	165-2				88		%
Indium	115-1				103		%
Indium	115-2				88		%
Iron	56-2	4.56	4.62	5.25	4.81	7.89	ppb
Iron	57-2	1.47	7.95	6.13	5.18	64.53	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.36	0.31	0.37	15.12	ppb
Lead	207-1	0.38	0.35	0.29	0.34	14.54	ppb
Lead	208-1	0.37	0.35	0.32	0.35	7.95	ppb
Lithium	6-1				63		%
Magnesium	24-2	68.36	67.27	68.72	68.11	1.11	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-03	Instrumnet Name :	P8
Client Sample ID :	381227092.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:16:49	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.30	0.29	0.26	0.28	7.49	ppb
Molybdenum	94-1	0.09	0.09	0.07	0.08	15.87	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.01	43.71	ppb
Molybdenum	96-1	0.06	0.02	0.03	0.04	45.77	ppb
Molybdenum	97-1	0.29	0.11	0.26	0.22	44.47	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	15.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.02	0.01	0.04	110.44	ppb
Phosphorus	31-2	-38.55	-38.55	-38.55	-38.55		ppb
Potassium	39-2	20.55	15.55	22.41	19.50	18.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	4.60	0.48	-3.66	0.47	872.78	ppb
Selenium	78-2	-0.40	0.96	-0.40	0.06	1410.11	ppb
Selenium	82-1	-0.14	-1.49	-0.50	-0.71		ppb
Silicon	28-1	-42.81	-54.60	-55.70	-51.04		ppb
Silver	109-1	0.21	0.18	0.18	0.19	9.51	ppb
Silver	107-1	0.22	0.18	0.19	0.20	11.53	ppb
Sodium	23-2	174.05	172.88	182.21	176.38	2.88	ppb
Strontium	86-1	0.81	0.54	0.50	0.62	27.15	ppb
Strontium	88-1	0.70	0.65	0.61	0.65	7.11	ppb
Sulfur	34-1	-4908.38	-7218.46	-7512.61	-6546.48		ppb
Terbium	159-1				104		%
Terbium	159-2				87		%
Thallium	203-1	0.33	0.29	0.23	0.28	18.07	ppb
Thallium	205-1	0.34	0.32	0.26	0.31	13.15	ppb
Tin	118-1	0.23	0.25	0.21	0.23	8.57	ppb
Titanium	47-1	0.26	0.21	0.35	0.28	26.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.06	0.03	0.04	25.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				87		%
Zinc	66-2	88.88	91.31	87.20	89.13	2.32	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-03	Instrumnet Name :	P8
Client Sample ID :	381227092.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:16:49	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.02	0.01	64.60	ppb
Zirconium	91-1	0.00	0.04	-0.02	0.01	383.20	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:23:17	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49494.68	50189.89	49456.51	49713.69	0.83	ppb
Antimony	121-1	509.07	505.37	510.01	508.15	0.48	ppb
Arsenic	75-1	511.81	494.17	498.76	501.58	1.83	ppb
Barium	135-1	2520.81	2554.85	2564.75	2546.80	0.91	ppb
Barium	137-1	2527.21	2555.35	2580.74	2554.43	1.05	ppb
Beryllium	9-1	604.92	583.51	593.55	593.99	1.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	612.96	617.93	625.38	618.76	1.01	ppb
Boron	11-1	599.54	596.55	614.29	603.46	1.57	ppb
Cadmium	111-1	474.74	470.46	471.79	472.33	0.46	ppb
Cadmium	106-1	475.47	464.49	469.39	469.78	1.17	ppb
Cadmium	108-1	475.26	469.51	475.11	473.29	0.69	ppb
Calcium	43-1	242348.85	235834.80	236533.92	238239.19	1.50	ppb
Calcium	44-1	242745.00	239451.58	236380.93	239525.84	1.33	ppb
Chromium	52-2	520.18	521.80	516.86	519.62	0.48	ppb
Cobalt	59-2	510.42	513.90	511.29	511.87	0.35	ppb
Copper	63-2	998.24	991.38	984.78	991.47	0.68	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				110		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	125938.24	126478.60	124300.14	125572.33	0.90	ppb
Iron	57-2	128681.66	127639.13	127214.49	127845.09	0.59	ppb
Krypton	83-1						cps
Lead	206-1	495.22	491.36	496.20	494.26	0.52	ppb
Lead	207-1	494.66	492.07	495.73	494.15	0.38	ppb
Lead	208-1	504.89	504.17	510.71	506.59	0.71	ppb
Lithium	6-1				76		%
Magnesium	24-2	251166.36	253555.81	248886.30	251202.82	0.93	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:23:17	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1009.89	1009.00	1005.19	1008.03	0.25	ppb
Molybdenum	94-1	2546.27	2575.42	2544.88	2555.53	0.67	ppb
Molybdenum	95-1	2562.25	2536.52	2515.61	2538.13	0.92	ppb
Molybdenum	96-1	2562.97	2555.22	2525.66	2547.95	0.77	ppb
Molybdenum	97-1	2585.92	2585.44	2565.95	2579.10	0.44	ppb
Molybdenum	98-1	2574.23	2556.67	2519.00	2549.96	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.76	518.04	510.35	513.05	0.84	ppb
Phosphorus	31-2	9875.39	10198.44	10399.43	10157.75	2.60	ppb
Potassium	39-2	121036.06	124240.37	120898.45	122058.29	1.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	532.95	491.87	544.37	523.06	5.28	ppb
Selenium	78-2	497.83	522.33	501.83	507.33	2.59	ppb
Selenium	82-1	505.17	504.34	493.46	500.99	1.30	ppb
Silicon	28-1	469.03	478.40	475.36	474.26	1.01	ppb
Silver	109-1	495.43	488.53	500.30	494.75	1.20	ppb
Silver	107-1	487.07	491.11	489.66	489.28	0.42	ppb
Sodium	23-2	248538.35	251455.08	246021.20	248671.54	1.09	ppb
Strontium	86-1	514.22	509.32	503.38	508.97	1.07	ppb
Strontium	88-1	517.21	512.54	511.82	513.85	0.57	ppb
Sulfur	34-1	7807.22	7076.60	6942.80	7275.54	6.40	ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	496.60	492.18	496.99	495.26	0.54	ppb
Thallium	205-1	515.50	507.92	521.26	514.90	1.30	ppb
Tin	118-1	490.82	494.15	505.61	496.86	1.56	ppb
Titanium	47-1	2612.01	2516.18	2548.07	2558.75	1.91	ppb
Uranium	238-1	526.85	518.68	526.16	523.90	0.86	ppb
Vanadium	51-2	520.74	525.16	518.46	521.45	0.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	975.63	995.59	981.67	984.29	1.04	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:23:17	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	521.17	510.43	504.87	512.16	1.62	ppb
Zirconium	91-1	506.87	503.37	500.86	503.70	0.60	ppb

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 17:28:36 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.10	3.15	1.10	160.29	ppb
Antimony	121-1	0.19	0.20	0.25	0.21	15.32	ppb
Arsenic	75-1	0.11	0.10	0.15	0.12	22.98	ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.01	0.04	0.01	0.02	81.27	ppb
Beryllium	9-1	0.08	0.08	0.11	0.09	19.56	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	6.81	6.23	5.00	6.01	15.34	ppb
Boron	11-1	5.64	6.13	5.51	5.76	5.66	ppb
Cadmium	111-1	-0.07	-0.10	-0.16	-0.11		ppb
Cadmium	106-1	-0.90	-1.23	-2.42	-1.51		ppb
Cadmium	108-1	0.05	0.17	-0.06	0.05	216.01	ppb
Calcium	43-1	-7.29	-6.21	-12.42	-8.64		ppb
Calcium	44-1	23.53	28.24	28.22	26.66	10.17	ppb
Chromium	52-2	-0.04	0.03	0.08	0.02	273.72	ppb
Cobalt	59-2	-0.03	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.04	0.05	0.06	0.05	17.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	1.45	1.28	1.47	1.40	7.41	ppb
Iron	57-2	3.67	1.49	4.83	3.33	50.81	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.33	0.29	0.31	7.01	ppb
Lead	207-1	0.32	0.29	0.32	0.31	6.92	ppb
Lead	208-1	0.31	0.32	0.31	0.31	0.60	ppb
Lithium	6-1				73		%
Magnesium	24-2	4.48	0.90	0.41	1.93	114.86	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:28:36	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.14	0.12	0.17	0.14	18.00	ppb
Molybdenum	94-1	0.06	0.09	0.09	0.08	18.35	ppb
Molybdenum	95-1	0.11	0.06	0.11	0.09	27.32	ppb
Molybdenum	96-1	0.12	0.13	0.11	0.12	8.05	ppb
Molybdenum	97-1	0.23	0.27	0.19	0.23	17.82	ppb
Molybdenum	98-1	0.10	0.08	0.08	0.09	11.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.02	0.01	350.24	ppb
Phosphorus	31-2	-25.48	-25.40	-25.41	-25.43		ppb
Potassium	39-2	39.89	3.23	20.14	21.09	87.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.24	-3.66	0.26	-1.05		ppb
Selenium	78-2	2.17	0.89	0.89	1.32	56.13	ppb
Selenium	82-1	0.18	-0.73	0.17	-0.13		ppb
Silicon	28-1	-36.94	-35.44	-36.40	-36.26		ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.45	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.28	ppb
Sodium	23-2	87.34	88.57	87.26	87.73	0.84	ppb
Strontium	86-1	-0.17	-0.13	-0.04	-0.11		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	145.95	ppb
Sulfur	34-1	-4392.83	-3984.09	-4078.82	-4151.91		ppb
Terbium	159-1				104		%
Terbium	159-2				93		%
Thallium	203-1	0.15	0.14	0.17	0.15	9.44	ppb
Thallium	205-1	0.16	0.19	0.15	0.17	10.35	ppb
Tin	118-1	0.02	0.03	0.04	0.03	34.97	ppb
Titanium	47-1	0.02	0.00	0.00	0.01	187.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1280.64	ppb
Vanadium	51-2	-0.02	-0.02	0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	-0.30	-0.01	0.14	-0.05		ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:28:36	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.01	0.03	0.03	40.58	ppb
Zirconium	91-1	0.02	0.01	0.05	0.02	72.88	ppb

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:20:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	50	43	45	9.62	cps
Antimony	121-1	92	117	133	114	18.41	cps
Arsenic	75-1	455	526	527	503	8.19	cps
Barium	135-1	50	50	17	39	49.48	cps
Barium	137-1	42	17	33	31	41.66	cps
Beryllium	9-1	30	53	23	36	44.31	cps
Bismuth	209-1	2197587	2203254	2225262	2208701	0.66	cps
Bismuth	209-2	1097741	1096251	1085682	1093225	0.60	cps
Boron	10-1	117	83	117	106	18.23	cps
Boron	11-1	433	425	392	417	5.29	cps
Cadmium	111-1	770	830	866	822	5.86	cps
Cadmium	106-1	1075	1192	1233	1167	7.03	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	467	560	550	526	9.75	cps
Calcium	44-1	67216	66476	67170	66954	0.62	cps
Chromium	52-2	1840	1803	1890	1845	2.36	cps
Cobalt	59-2	163	177	130	157	15.34	cps
Copper	63-2	193	220	187	200	8.82	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	33	42	67	47	36.73	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	3684905	3735632	3738200	3719579	0.81	cps
Holmium	165-2	1508688	1489769	1501990	1500149	0.64	cps
Indium	115-1	3826417	3779503	3861129	3822350	1.07	cps
Indium	115-2	333336	333076	332065	332826	0.20	cps
Iron	56-2	3178	3489	3489	3386	5.31	cps
Iron	57-2	83	78	72	78	7.14	cps
Krypton	83-1	487	497	547	510	6.30	cps
Lead	206-1	167	128	133	143	14.75	cps
Lead	207-1	150	167	94	137	27.59	cps
Lead	208-1	561	583	500	548	7.87	cps
Lithium	6-1	601468	593706	597617	597597	0.65	cps
Magnesium	24-2	317	350	258	308	15.05	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:20:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	40	50	47	12.37	cps
Molybdenum	94-1	100	117	258	158	54.95	cps
Molybdenum	95-1	50	83	42	58	37.80	cps
Molybdenum	96-1	50	67	108	75	40.06	cps
Molybdenum	97-1	100	42	92	78	40.56	cps
Molybdenum	98-1	92	83	58	78	22.30	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	73	73	84	22.79	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	6368	5710	5968	6015	5.52	cps
Rhodium	103-1	3973347	3990252	3957447	3973682	0.41	cps
Rhodium	103-2	1654800	1664612	1673615	1664342	0.57	cps
Scandium	45-1	3382400	3422713	3451623	3418912	1.02	cps
Scandium	45-2	49855	49711	49661	49742	0.20	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-52	6	-110	-52	-111.04	cps
Silicon	28-1	414563	414180	411279	413341	0.43	cps
Silver	109-1	58	58	17	44	54.12	cps
Silver	107-1	50	50	17	39	49.48	cps
Sodium	23-2	10296	9812	9554	9887	3.81	cps
Strontium	86-1	908	733	767	803	11.58	cps
Strontium	88-1	67	58	50	58	14.29	cps
Sulfur	34-1	508219	507092	506871	507394	0.14	cps
Terbium	159-1	3962125	3990531	4031436	3994697	0.87	cps
Terbium	159-2	1567027	1553259	1540086	1553457	0.87	cps
Thallium	203-1	50	42	17	36	48.03	cps
Thallium	205-1	92	125	75	97	26.19	cps
Tin	118-1	258	250	200	236	13.36	cps
Titanium	47-1	142	175	150	156	11.15	cps
Uranium	238-1	25	25	83	44	75.78	cps
Vanadium	51-2	20	30	13	21	39.75	cps
Yttrium	89-1	4601642	4652011	4642623	4632092	0.58	cps
Yttrium	89-2	279255	273782	274820	275952	1.05	cps
Zinc	66-2	130	187	130	149	21.97	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:20:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	300	333	317	5.26	cps
Zirconium	91-1	100	83	58	81	26.03	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 15:28:16 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	203	158	191	15.35	cps
Antimony	121-1	7619	7419	7111	7383	3.47	cps
Arsenic	75-1	1556	1804	1688	1683	7.35	cps
Barium	135-1	8203	7578	7853	7878	3.98	cps
Barium	137-1	13833	13174	13507	13505	2.44	cps
Beryllium	9-1	773	687	757	739	6.22	cps
Bismuth	209-1	2172675	2205804	2206266	2194915	0.88	cps
Bismuth	209-2	1090276	1099498	1109891	1099888	0.89	cps
Boron	10-1	2484	2409	2342	2411	2.94	cps
Boron	11-1	12081	12664	12906	12550	3.38	cps
Cadmium	111-1	1643	1721	1793	1719	4.36	cps
Cadmium	106-1	1242	1275	1408	1308	6.74	cps
Cadmium	108-1	121	54	79	85	39.75	cps
Calcium	43-1	7135	7299	7029	7154	1.90	cps
Calcium	44-1	174524	174710	177582	175605	0.98	cps
Chromium	52-2	3277	3577	3480	3445	4.45	cps
Cobalt	59-2	1763	1850	1743	1786	3.18	cps
Copper	63-2	2997	2890	3040	2976	2.59	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	25	75	17	39	81.12	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	3788539	3707587	3725867	3740664	1.13	cps
Holmium	165-2	1501465	1507185	1514896	1507849	0.45	cps
Indium	115-1	3878766	3837836	3851114	3855905	0.54	cps
Indium	115-2	330570	332336	337476	333461	1.08	cps
Iron	56-2	34939	34304	35908	35050	2.30	cps
Iron	57-2	928	900	878	902	2.78	cps
Krypton	83-1	467	497	483	482	3.12	cps
Lead	206-1	1772	1811	1739	1774	2.04	cps
Lead	207-1	1572	1728	1417	1572	9.89	cps
Lead	208-1	6873	7396	6995	7088	3.85	cps
Lithium	6-1	593047	592521	591822	592463	0.10	cps
Magnesium	24-2	17687	17829	18755	18090	3.21	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 15:28:16 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	350	357	336	9.23	cps
Molybdenum	94-1	7928	7753	8295	7992	3.46	cps
Molybdenum	95-1	9771	9887	9662	9773	1.15	cps
Molybdenum	96-1	10638	10087	10863	10530	3.79	cps
Molybdenum	97-1	6235	5735	6227	6066	4.72	cps
Molybdenum	98-1	15551	16094	15476	15707	2.14	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	690	613	587	630	8.52	cps
Phosphorus	31-2	42	33	25	33	25.01	cps
Potassium	39-2	16143	16502	16877	16508	2.22	cps
Rhodium	103-1	4014872	3992597	3954185	3987218	0.77	cps
Rhodium	103-2	1647474	1654425	1703233	1668377	1.82	cps
Scandium	45-1	3445882	3463490	3457677	3455683	0.26	cps
Scandium	45-2	50005	49430	50233	49889	0.83	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	11	22	24	19	36.64	cps
Selenium	82-1	346	337	390	357	7.91	cps
Silicon	28-1	443887	444223	475380	454497	3.98	cps
Silver	109-1	4167	4434	4576	4393	4.72	cps
Silver	107-1	4476	4192	4184	4284	3.88	cps
Sodium	23-2	48542	48634	49504	48893	1.09	cps
Strontium	86-1	1759	1900	1684	1781	6.18	cps
Strontium	88-1	10429	10354	9687	10157	4.02	cps
Sulfur	34-1	512181	511892	516702	513591	0.53	cps
Terbium	159-1	4019378	4046494	4049573	4038482	0.41	cps
Terbium	159-2	1533857	1539863	1579703	1551141	1.61	cps
Thallium	203-1	1800	2117	1950	1956	8.10	cps
Thallium	205-1	4743	4701	4860	4768	1.72	cps
Tin	118-1	14417	13257	13649	13774	4.28	cps
Titanium	47-1	3459	3726	3342	3509	5.60	cps
Uranium	238-1	5443	5718	6077	5746	5.53	cps
Vanadium	51-2	3531	3207	3264	3334	5.18	cps
Yttrium	89-1	4645382	4647368	4658148	4650299	0.15	cps
Yttrium	89-2	275796	279070	277865	277577	0.60	cps
Zinc	66-2	393	477	460	443	9.95	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:28:16	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7269	6377	6769	6805	6.57	cps
Zirconium	91-1	1367	1375	1517	1420	5.94	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:32:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8700	8878	8547	8708	1.90	cps
Antimony	121-1	209868	206329	206745	207647	0.93	cps
Arsenic	75-1	76351	75045	75461	75619	0.88	cps
Barium	135-1	202961	204417	202114	203164	0.57	cps
Barium	137-1	349078	351283	351399	350587	0.37	cps
Beryllium	9-1	38304	38278	38816	38466	0.79	cps
Bismuth	209-1	2228886	2197350	2205301	2210512	0.74	cps
Bismuth	209-2	1101346	1118446	1114389	1111393	0.80	cps
Boron	10-1	5485	5851	5501	5612	3.69	cps
Boron	11-1	26626	28112	27986	27575	2.99	cps
Cadmium	111-1	50135	50343	50766	50415	0.64	cps
Cadmium	106-1	6527	6552	6469	6516	0.66	cps
Cadmium	108-1	3726	3859	3446	3677	5.73	cps
Calcium	43-1	72144	72100	72197	72147	0.07	cps
Calcium	44-1	1251575	1242890	1264193	1252886	0.85	cps
Chromium	52-2	47487	47955	48066	47836	0.64	cps
Cobalt	59-2	89891	88419	88227	88846	1.02	cps
Copper	63-2	151235	150919	148780	150311	0.89	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	50	67	25	47	44.41	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	3807464	3843816	3846540	3832607	0.57	cps
Holmium	165-2	1541288	1535575	1527521	1534795	0.45	cps
Indium	115-1	3892788	3818210	3823084	3844694	1.09	cps
Indium	115-2	331907	332457	336192	333519	0.70	cps
Iron	56-2	1666082	1638498	1662894	1655825	0.91	cps
Iron	57-2	40989	41139	41200	41109	0.26	cps
Krypton	83-1	510	453	517	493	7.05	cps
Lead	206-1	90980	89822	92882	91228	1.69	cps
Lead	207-1	83776	81382	80722	81960	1.96	cps
Lead	208-1	370007	365231	368119	367786	0.65	cps
Lithium	6-1	605463	596652	608463	603526	1.02	cps
Magnesium	24-2	195754	194000	196710	195488	0.70	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:32:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28990	29384	30159	29511	2.02	cps
Molybdenum	94-1	413641	414171	410565	412792	0.47	cps
Molybdenum	95-1	509952	504322	500559	504944	0.94	cps
Molybdenum	96-1	557934	548290	555107	553777	0.90	cps
Molybdenum	97-1	311525	306369	315128	311007	1.42	cps
Molybdenum	98-1	793706	798574	804175	798818	0.66	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	26178	27016	26536	26577	1.58	cps
Phosphorus	31-2	767	817	708	764	7.10	cps
Potassium	39-2	62464	62381	62489	62445	0.09	cps
Rhodium	103-1	3929217	3956649	3982504	3956123	0.67	cps
Rhodium	103-2	1683453	1681844	1681347	1682215	0.07	cps
Scandium	45-1	3506788	3442137	3471734	3473553	0.93	cps
Scandium	45-2	49898	49534	49517	49650	0.43	cps
Selenium	77-2	43	50	53	49	10.42	cps
Selenium	78-2	185	194	161	180	9.55	cps
Selenium	82-1	3623	3710	3701	3678	1.31	cps
Silicon	28-1	622523	627856	633100	627826	0.84	cps
Silver	109-1	231042	228382	228764	229396	0.63	cps
Silver	107-1	246674	242075	241766	243505	1.13	cps
Sodium	23-2	435308	434788	432738	434278	0.31	cps
Strontium	86-1	66748	67015	65390	66384	1.31	cps
Strontium	88-1	562685	566663	555871	561740	0.97	cps
Sulfur	34-1	535023	532704	534443	534057	0.23	cps
Terbium	159-1	4049973	4057470	4088400	4065281	0.50	cps
Terbium	159-2	1545215	1565180	1565926	1558774	0.75	cps
Thallium	203-1	113444	113420	113774	113546	0.17	cps
Thallium	205-1	267796	266228	268389	267471	0.42	cps
Tin	118-1	145855	141568	143508	143644	1.49	cps
Titanium	47-1	180440	177233	178423	178699	0.91	cps
Uranium	238-1	321794	327309	326900	325334	0.94	cps
Vanadium	51-2	33203	33193	33063	33153	0.24	cps
Yttrium	89-1	4654107	4734018	4690164	4692763	0.85	cps
Yttrium	89-2	276183	280685	277023	277964	0.86	cps
Zinc	66-2	16467	16236	16467	16390	0.81	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:32:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	346081	347552	344902	346178	0.38	cps
Zirconium	91-1	76046	76951	75224	76074	1.14	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 15:35:54 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21424	21524	21033	21327	1.22	cps
Antimony	121-1	535512	538313	532939	535588	0.50	cps
Arsenic	75-1	190486	192278	191772	191512	0.48	cps
Barium	135-1	521015	521264	521624	521301	0.06	cps
Barium	137-1	901706	907457	904114	904425	0.32	cps
Beryllium	9-1	98676	99501	99356	99178	0.44	cps
Bismuth	209-1	2278485	2296771	2305224	2293493	0.60	cps
Bismuth	209-2	1116222	1150078	1117855	1128052	1.69	cps
Boron	10-1	13273	13465	13465	13401	0.83	cps
Boron	11-1	70231	70642	71672	70848	1.05	cps
Cadmium	111-1	127226	127613	127620	127486	0.18	cps
Cadmium	106-1	15067	14500	14750	14773	1.92	cps
Cadmium	108-1	8907	9062	9191	9053	1.57	cps
Calcium	43-1	184914	181017	183231	183054	1.07	cps
Calcium	44-1	3077996	3045996	3054011	3059335	0.54	cps
Chromium	52-2	114501	118116	115394	116004	1.62	cps
Cobalt	59-2	221205	225228	218772	221735	1.47	cps
Copper	63-2	371426	376220	368541	372062	1.04	cps
Dysprosium	156-1	33	17	50	33	50.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	17	17	83	39	98.97	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	3902462	3918423	3905110	3908665	0.22	cps
Holmium	165-2	1550369	1576833	1541577	1556260	1.18	cps
Indium	115-1	3940434	3953353	3954887	3949558	0.20	cps
Indium	115-2	333026	335509	333383	333973	0.40	cps
Iron	56-2	4048617	4057336	3959247	4021734	1.35	cps
Iron	57-2	100432	102525	100118	101025	1.30	cps
Krypton	83-1	530	583	527	547	5.82	cps
Lead	206-1	237497	242595	240274	240122	1.06	cps
Lead	207-1	213640	213521	212300	213153	0.35	cps
Lead	208-1	955062	962619	960091	959258	0.40	cps
Lithium	6-1	628170	615693	628060	623974	1.15	cps
Magnesium	24-2	487893	492471	482841	487735	0.99	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:35:54	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73003	73191	71619	72604	1.18	cps
Molybdenum	94-1	1039270	1052640	1061245	1051052	1.05	cps
Molybdenum	95-1	1286677	1299561	1301878	1296039	0.63	cps
Molybdenum	96-1	1448038	1437842	1459104	1448328	0.73	cps
Molybdenum	97-1	789821	782816	788970	787202	0.49	cps
Molybdenum	98-1	2089891	2058384	2094507	2080927	0.94	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	65828	66495	65316	65879	0.90	cps
Phosphorus	31-2	2225	1875	1642	1914	15.34	cps
Potassium	39-2	148268	148104	145984	147452	0.86	cps
Rhodium	103-1	3951075	4106081	4016031	4024396	1.93	cps
Rhodium	103-2	1655795	1650046	1666955	1657599	0.52	cps
Scandium	45-1	3483199	3542631	3514211	3513347	0.85	cps
Scandium	45-2	48804	50029	49029	49287	1.32	cps
Selenium	77-2	80	153	127	120	30.93	cps
Selenium	78-2	406	374	448	409	9.08	cps
Selenium	82-1	9544	9245	9341	9377	1.63	cps
Silicon	28-1	963668	977552	994317	978512	1.57	cps
Silver	109-1	586102	586954	585624	586227	0.11	cps
Silver	107-1	615114	623841	622865	620607	0.77	cps
Sodium	23-2	1063139	1092357	1051889	1069128	1.95	cps
Strontium	86-1	164969	166994	166361	166108	0.62	cps
Strontium	88-1	1430729	1405711	1419726	1418722	0.88	cps
Sulfur	34-1	569853	567085	569126	568688	0.25	cps
Terbium	159-1	4184807	4190479	4184083	4186456	0.08	cps
Terbium	159-2	1626743	1643037	1594460	1621413	1.52	cps
Thallium	203-1	290838	292030	293987	292285	0.54	cps
Thallium	205-1	695796	695037	696509	695781	0.11	cps
Tin	118-1	369718	375927	370951	372198	0.88	cps
Titanium	47-1	446728	450853	453486	450356	0.76	cps
Uranium	238-1	844512	850380	850686	848526	0.41	cps
Vanadium	51-2	82662	83363	82957	82994	0.42	cps
Yttrium	89-1	4737704	4735401	4757655	4743587	0.26	cps
Yttrium	89-2	274547	279533	275165	276415	0.98	cps
Zinc	66-2	40874	40335	40108	40439	0.97	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:35:54	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	875865	880986	876219	877690	0.33	cps
Zirconium	91-1	192849	194304	195207	194120	0.61	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:39:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42371	42750	42363	42495	0.52	cps
Antimony	121-1	1086870	1095867	1091410	1091382	0.41	cps
Arsenic	75-1	389357	383357	385207	385974	0.80	cps
Barium	135-1	1065272	1062558	1057579	1061803	0.37	cps
Barium	137-1	1878129	1877916	1887096	1881047	0.28	cps
Beryllium	9-1	201798	203463	198905	201389	1.15	cps
Bismuth	209-1	2350581	2358977	2290883	2333480	1.59	cps
Bismuth	209-2	1152112	1152433	1144748	1149764	0.38	cps
Boron	10-1	28170	28346	27486	28001	1.62	cps
Boron	11-1	143303	142294	143859	143152	0.55	cps
Cadmium	111-1	253605	255989	257357	255650	0.74	cps
Cadmium	106-1	28030	27320	27128	27493	1.73	cps
Cadmium	108-1	18588	18292	18755	18545	1.26	cps
Calcium	43-1	367554	367834	364405	366598	0.52	cps
Calcium	44-1	5916156	5901796	5930188	5916046	0.24	cps
Chromium	52-2	229823	228316	228258	228799	0.39	cps
Cobalt	59-2	442061	443136	441210	442136	0.22	cps
Copper	63-2	739426	744244	742377	742016	0.33	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	3993719	4110235	4046207	4050054	1.44	cps
Holmium	165-2	1581444	1598747	1592967	1591053	0.55	cps
Indium	115-1	3931261	4017905	3934113	3961093	1.24	cps
Indium	115-2	335347	340511	334756	336871	0.94	cps
Iron	56-2	8028512	8047623	8127442	8067859	0.65	cps
Iron	57-2	201554	204213	204292	203353	0.77	cps
Krypton	83-1	583	573	533	563	4.70	cps
Lead	206-1	484340	493532	487753	488542	0.95	cps
Lead	207-1	439434	439177	439190	439267	0.03	cps
Lead	208-1	1961726	1973439	1956348	1963838	0.45	cps
Lithium	6-1	639945	641261	644669	641958	0.38	cps
Magnesium	24-2	958832	967082	963885	963266	0.43	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:39:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143980	145154	146229	145121	0.78	cps
Molybdenum	94-1	2157835	2184364	2232495	2191565	1.73	cps
Molybdenum	95-1	2638009	2693384	2703164	2678186	1.31	cps
Molybdenum	96-1	2951089	2991674	2941069	2961277	0.90	cps
Molybdenum	97-1	1593041	1603281	1594564	1596962	0.35	cps
Molybdenum	98-1	4152465	4162449	4245055	4186656	1.21	cps
Neodymium	150-1	67	47	80	64	26.03	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	130454	131056	130992	130834	0.25	cps
Phosphorus	31-2	3351	3384	3392	3376	0.65	cps
Potassium	39-2	291300	288472	289703	289825	0.49	cps
Rhodium	103-1	4025551	4047638	4085236	4052808	0.74	cps
Rhodium	103-2	1666416	1672830	1683595	1674281	0.52	cps
Scandium	45-1	3478369	3496459	3501806	3492211	0.35	cps
Scandium	45-2	49166	50323	49621	49703	1.17	cps
Selenium	77-2	240	153	237	210	23.38	cps
Selenium	78-2	767	783	824	791	3.73	cps
Selenium	82-1	19193	19292	19053	19179	0.62	cps
Silicon	28-1	1321348	1340918	1350187	1337484	1.10	cps
Silver	109-1	1183023	1179851	1185122	1182665	0.22	cps
Silver	107-1	1249091	1252247	1246406	1249248	0.23	cps
Sodium	23-2	2153368	2187891	2153375	2164878	0.92	cps
Strontium	86-1	336003	331045	335822	334290	0.84	cps
Strontium	88-1	2888377	2863930	2906342	2886216	0.74	cps
Sulfur	34-1	624971	621981	618673	621875	0.51	cps
Terbium	159-1	4239277	4321446	4301265	4287329	1.00	cps
Terbium	159-2	1651947	1644531	1604085	1633521	1.58	cps
Thallium	203-1	604138	607487	615001	608875	0.91	cps
Thallium	205-1	1434796	1441873	1442193	1439621	0.29	cps
Tin	118-1	751043	753783	754464	753097	0.24	cps
Titanium	47-1	898940	908581	918078	908533	1.05	cps
Uranium	238-1	1807426	1817214	1842224	1822288	0.98	cps
Vanadium	51-2	168483	167312	166004	167266	0.74	cps
Yttrium	89-1	4746044	4750896	4840372	4779104	1.11	cps
Yttrium	89-2	276715	281004	278908	278876	0.77	cps
Zinc	66-2	81236	81192	79982	80803	0.88	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:39:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1803808	1814322	1818981	1812371	0.43	cps
Zirconium	91-1	397115	397283	399087	397828	0.27	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 15:43:16 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84555	83702	83184	83814	0.83	cps
Antimony	121-1	2233691	2229182	2214700	2225858	0.45	cps
Arsenic	75-1	767885	766520	762780	765728	0.35	cps
Barium	135-1	2154703	2160892	2184869	2166822	0.74	cps
Barium	137-1	3762019	3770896	3719403	3750773	0.73	cps
Beryllium	9-1	403671	405473	406723	405289	0.38	cps
Bismuth	209-1	2399577	2409263	2420435	2409758	0.43	cps
Bismuth	209-2	1177694	1164600	1182255	1174850	0.78	cps
Boron	10-1	55609	58135	57676	57140	2.36	cps
Boron	11-1	283086	290149	288665	287300	1.30	cps
Cadmium	111-1	514943	514623	512712	514093	0.23	cps
Cadmium	106-1	54578	54921	55407	54969	0.76	cps
Cadmium	108-1	36383	37277	37749	37136	1.87	cps
Calcium	43-1	732051	732476	733725	732751	0.12	cps
Calcium	44-1	11869976	12003112	11858084	11910391	0.68	cps
Chromium	52-2	457943	453913	452746	454867	0.60	cps
Cobalt	59-2	872663	866802	874870	871445	0.48	cps
Copper	63-2	1476753	1456304	1457275	1463444	0.79	cps
Dysprosium	156-1	50	58	58	56	8.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	4079605	4073249	4128931	4093928	0.74	cps
Holmium	165-2	1620528	1601850	1634529	1618969	1.01	cps
Indium	115-1	3965170	3988840	4011282	3988431	0.58	cps
Indium	115-2	335464	334374	332268	334035	0.49	cps
Iron	56-2	16184967	15788943	15912914	15962275	1.27	cps
Iron	57-2	401905	398902	400881	400563	0.38	cps
Krypton	83-1	493	517	493	501	2.69	cps
Lead	206-1	987044	990148	985755	987649	0.23	cps
Lead	207-1	891272	893125	893061	892486	0.12	cps
Lead	208-1	4076142	4064866	4084560	4075189	0.24	cps
Lithium	6-1	649196	650338	647035	648856	0.26	cps
Magnesium	24-2	2014964	1943129	1954434	1970842	1.96	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:43:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	290091	287321	286180	287864	0.70	cps
Molybdenum	94-1	4266299	4379441	4337018	4327586	1.32	cps
Molybdenum	95-1	5304794	5323700	5289734	5306076	0.32	cps
Molybdenum	96-1	5811296	5860877	5964919	5879031	1.33	cps
Molybdenum	97-1	3187251	3272144	3274921	3244772	1.54	cps
Molybdenum	98-1	8262032	8336357	8356653	8318347	0.60	cps
Neodymium	150-1	80	100	67	82	20.40	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	258574	258555	256310	257813	0.50	cps
Phosphorus	31-2	6552	6877	6527	6652	2.94	cps
Potassium	39-2	557677	564689	555090	559152	0.89	cps
Rhodium	103-1	4032179	4037555	3987681	4019138	0.68	cps
Rhodium	103-2	1659540	1663392	1646697	1656543	0.53	cps
Scandium	45-1	3559188	3560721	3539165	3553025	0.34	cps
Scandium	45-2	49040	49106	49129	49092	0.09	cps
Selenium	77-2	453	443	403	433	6.11	cps
Selenium	78-2	1667	1539	1508	1571	5.37	cps
Selenium	82-1	38119	38368	38184	38223	0.34	cps
Silicon	28-1	2251537	2263284	2286043	2266955	0.77	cps
Silver	109-1	2436868	2433428	2432566	2434287	0.09	cps
Silver	107-1	2559715	2577350	2561793	2566286	0.38	cps
Sodium	23-2	4236402	4172011	4148547	4185653	1.09	cps
Strontium	86-1	669207	674786	680076	674690	0.81	cps
Strontium	88-1	5768292	5720812	5688971	5726025	0.70	cps
Sulfur	34-1	739467	735922	733085	736158	0.43	cps
Terbium	159-1	4369282	4314640	4455060	4379661	1.62	cps
Terbium	159-2	1713749	1646017	1657205	1672324	2.17	cps
Thallium	203-1	1218546	1245636	1234073	1232752	1.10	cps
Thallium	205-1	2987820	3058243	2970205	3005423	1.55	cps
Tin	118-1	1527725	1521661	1538642	1529343	0.56	cps
Titanium	47-1	1858283	1864491	1873707	1865494	0.42	cps
Uranium	238-1	3640369	3693291	3686448	3673369	0.78	cps
Vanadium	51-2	328439	332166	329690	330098	0.57	cps
Yttrium	89-1	4865688	4847902	4794206	4835932	0.77	cps
Yttrium	89-2	279047	279210	278123	278793	0.21	cps
Zinc	66-2	160219	157957	158059	158745	0.80	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:43:16	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3656377	3629250	3625778	3637135	0.46	cps
Zirconium	91-1	790801	799624	790682	793703	0.65	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:46:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168246	170124	168124	168831	0.66	cps
Antimony	121-1	4531575	4555340	4565722	4550879	0.38	cps
Arsenic	75-1	1583799	1603461	1634146	1607135	1.58	cps
Barium	135-1	4457933	4457954	4490718	4468868	0.42	cps
Barium	137-1	7613570	7748862	7700034	7687488	0.89	cps
Beryllium	9-1	843731	831293	835976	837000	0.75	cps
Bismuth	209-1	2445066	2487514	2478277	2470286	0.90	cps
Bismuth	209-2	1205131	1213247	1206009	1208129	0.37	cps
Boron	10-1	115915	118076	117909	117300	1.02	cps
Boron	11-1	592703	603641	607505	601283	1.28	cps
Cadmium	111-1	1105553	1100572	1106010	1104045	0.27	cps
Cadmium	106-1	116391	115163	115139	115565	0.62	cps
Cadmium	108-1	78461	79575	78749	78928	0.73	cps
Calcium	43-1	1504108	1493387	1516084	1504526	0.75	cps
Calcium	44-1	24056856	23827055	24397520	24093810	1.19	cps
Chromium	52-2	901167	909540	906554	905754	0.47	cps
Cobalt	59-2	1773423	1775697	1769030	1772717	0.19	cps
Copper	63-2	2968199	3005637	2986135	2986657	0.63	cps
Dysprosium	156-1	67	67	83	72	13.33	cps
Dysprosium	156-2	13	0	3	6	124.93	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	75	50	53	39.74	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	4242110	4253772	4294346	4263410	0.64	cps
Holmium	165-2	1647447	1672224	1684592	1668088	1.13	cps
Indium	115-1	4009601	4018359	3990603	4006188	0.35	cps
Indium	115-2	335638	337992	336358	336662	0.36	cps
Iron	56-2	32132786	31943752	31431809	31836116	1.14	cps
Iron	57-2	806269	804741	801396	804135	0.31	cps
Krypton	83-1	540	500	497	512	4.71	cps
Lead	206-1	2108964	2110689	2153277	2124310	1.18	cps
Lead	207-1	1875351	1902167	1922367	1899962	1.24	cps
Lead	208-1	8516736	8563422	8618233	8566130	0.59	cps
Lithium	6-1	666788	670429	691426	676214	1.97	cps
Magnesium	24-2	3893367	3891011	3832636	3872338	0.89	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:46:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	575861	580714	573627	576734	0.63	cps
Molybdenum	94-1	8871097	8830215	8876903	8859405	0.29	cps
Molybdenum	95-1	10913595	10939472	10971738	10941602	0.27	cps
Molybdenum	96-1	11985274	12089783	11952740	12009266	0.60	cps
Molybdenum	97-1	6534828	6594242	6533678	6554249	0.53	cps
Molybdenum	98-1	16961152	17140162	17210347	17103887	0.75	cps
Neodymium	150-1	167	213	180	187	12.88	cps
Neodymium	150-2	3	17	13	11	62.48	cps
Nickel	60-2	512833	511842	511078	511918	0.17	cps
Phosphorus	31-2	13349	13857	14007	13738	2.51	cps
Potassium	39-2	1117576	1131549	1120803	1123309	0.65	cps
Rhodium	103-1	4085977	4091102	4045509	4074196	0.61	cps
Rhodium	103-2	1664051	1660823	1656794	1660556	0.22	cps
Scandium	45-1	3601919	3568966	3593005	3587963	0.48	cps
Scandium	45-2	49841	49560	49745	49715	0.29	cps
Selenium	77-2	953	933	1007	964	3.93	cps
Selenium	78-2	3099	3104	3262	3155	2.93	cps
Selenium	82-1	77642	78950	78636	78409	0.87	cps
Silicon	28-1	3353333	3397270	3388416	3379673	0.69	cps
Silver	109-1	4916570	4973624	5041843	4977346	1.26	cps
Silver	107-1	5181930	5195257	5295909	5224365	1.19	cps
Sodium	23-2	8443822	8368569	8342864	8385085	0.63	cps
Strontium	86-1	1372345	1378141	1380013	1376833	0.29	cps
Strontium	88-1	11580639	11670451	11689603	11646898	0.50	cps
Sulfur	34-1	990966	862776	986058	946600	7.67	cps
Terbium	159-1	4502388	4505651	4540545	4516195	0.47	cps
Terbium	159-2	1706921	1741371	1729575	1725956	1.01	cps
Thallium	203-1	2615861	2662379	2629332	2635857	0.91	cps
Thallium	205-1	6105284	6142516	6129138	6125646	0.31	cps
Tin	118-1	3129514	3170472	3190608	3163531	0.98	cps
Titanium	47-1	3696984	3694373	3763658	3718338	1.06	cps
Uranium	238-1	7497616	7565558	7645731	7569635	0.98	cps
Vanadium	51-2	667551	670346	669708	669202	0.22	cps
Yttrium	89-1	4923564	4960155	4973623	4952447	0.52	cps
Yttrium	89-2	282239	284095	281600	282645	0.46	cps
Zinc	66-2	327924	329887	328352	328721	0.31	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:46:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7398963	7343815	7431024	7391267	0.60	cps
Zirconium	91-1	1666519	1659771	1680899	1669063	0.65	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:50:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882372	889010	896400	889261	0.79	cps
Antimony	121-1	6260	5835	6477	6191	5.28	cps
Arsenic	75-1	2823	3127	2885	2945	5.46	cps
Barium	135-1	592	658	467	572	17.00	cps
Barium	137-1	1133	1025	1075	1078	5.03	cps
Beryllium	9-1	163	100	143	136	23.89	cps
Bismuth	209-1	2203196	2169304	2125413	2165971	1.80	cps
Bismuth	209-2	1035511	1028508	1016378	1026799	0.94	cps
Boron	10-1	2000	1967	1850	1939	4.06	cps
Boron	11-1	11213	11063	9712	10663	7.75	cps
Cadmium	111-1	1024	945	935	968	5.05	cps
Cadmium	106-1	1333	1250	1192	1258	5.66	cps
Cadmium	108-1	25	25	17	22	21.64	cps
Calcium	43-1	7566150	7604577	7573277	7581335	0.27	cps
Calcium	44-1	121351768	121986958	121487335	121608687	0.28	cps
Chromium	52-2	15752	15495	15522	15590	0.91	cps
Cobalt	59-2	21517	21430	21410	21452	0.26	cps
Copper	63-2	4321	4294	4287	4301	0.41	cps
Dysprosium	156-1	25	67	17	36	74.18	cps
Dysprosium	156-2	0	13	10	8	89.21	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	17	27	17	20	28.86	cps
Holmium	165-1	4047268	3942118	3952685	3980690	1.45	cps
Holmium	165-2	1542995	1533172	1532451	1536206	0.38	cps
Indium	115-1	3863801	3796782	3782567	3814383	1.14	cps
Indium	115-2	327375	328156	326913	327481	0.19	cps
Iron	56-2	160089998	162306354	161286692	161227681	0.69	cps
Iron	57-2	4030474	4042226	4102150	4058283	0.95	cps
Krypton	83-1	560	587	447	531	14.00	cps
Lead	206-1	2867	2739	2756	2787	2.49	cps
Lead	207-1	2267	2350	2439	2352	3.66	cps
Lead	208-1	10680	10697	10813	10730	0.68	cps
Lithium	6-1	655181	648895	626215	643430	2.37	cps
Magnesium	24-2	18497676	18479205	18560174	18512352	0.23	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:50:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3210	3304	3304	3273	1.65	cps
Molybdenum	94-1	5835	5718	5668	5740	1.49	cps
Molybdenum	95-1	7602	7602	7577	7594	0.19	cps
Molybdenum	96-1	9304	8812	8645	8920	3.84	cps
Molybdenum	97-1	5085	4568	4618	4757	5.99	cps
Molybdenum	98-1	11931	11672	11505	11703	1.83	cps
Neodymium	150-1	33	60	47	47	28.58	cps
Neodymium	150-2	17	17	13	16	12.40	cps
Nickel	60-2	10047	10207	9940	10065	1.33	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	5867464	5793160	5829338	5829987	0.64	cps
Rhodium	103-1	3856703	3786684	3787655	3810347	1.05	cps
Rhodium	103-2	1570509	1571333	1598824	1580222	1.02	cps
Scandium	45-1	3586014	3546080	3537005	3556366	0.73	cps
Scandium	45-2	49423	50163	50273	49953	0.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	12	21	98	43	109.16	cps
Silicon	28-1	798782	820679	823221	814227	1.65	cps
Silver	109-1	317	450	367	378	17.83	cps
Silver	107-1	367	450	408	408	10.20	cps
Sodium	23-2	42419201	42508713	42351426	42426447	0.19	cps
Strontium	86-1	6443	7086	6885	6805	4.83	cps
Strontium	88-1	51507	50938	50788	51077	0.74	cps
Sulfur	34-1	493025	497002	503589	497872	1.07	cps
Terbium	159-1	4274074	4193342	4210087	4225834	1.01	cps
Terbium	159-2	1578501	1565825	1559696	1568007	0.61	cps
Thallium	203-1	1058	808	850	906	14.79	cps
Thallium	205-1	2359	2184	1784	2109	13.98	cps
Tin	118-1	2459	2675	2750	2628	5.76	cps
Titanium	47-1	1033	942	1058	1011	6.08	cps
Uranium	238-1	458	417	300	392	20.96	cps
Vanadium	51-2	123	170	193	162	21.97	cps
Yttrium	89-1	4823959	4741113	4749463	4771512	0.96	cps
Yttrium	89-2	281498	281858	282359	281905	0.15	cps
Zinc	66-2	3030	3084	3210	3108	2.98	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:50:16	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3259	3342	3117	3239	3.51	cps
Zirconium	91-1	708	667	750	708	5.88	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 15:54:56 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5015	4805	4695	4838	3.36	cps
Antimony	121-1	840222	829883	836196	835434	0.62	cps
Arsenic	75-1	306810	309275	307495	307860	0.41	cps
Barium	135-1	81216	82524	82272	82004	0.85	cps
Barium	137-1	143741	142672	141610	142674	0.75	cps
Beryllium	9-1	77748	76335	76880	76988	0.93	cps
Bismuth	209-1	2224621	2259249	2208968	2230946	1.15	cps
Bismuth	209-2	1105830	1085270	1100244	1097114	0.97	cps
Boron	10-1	1058	800	908	922	14.07	cps
Boron	11-1	4518	4584	4676	4593	1.73	cps
Cadmium	111-1	100009	99298	100899	100068	0.80	cps
Cadmium	106-1	10454	10446	10563	10488	0.62	cps
Cadmium	108-1	6810	6643	6506	6653	2.29	cps
Calcium	43-1	30106	30062	29855	30008	0.45	cps
Calcium	44-1	580433	568751	570343	573176	1.11	cps
Chromium	52-2	94114	91980	93627	93240	1.20	cps
Cobalt	59-2	182980	181353	180246	181526	0.76	cps
Copper	63-2	153865	153689	152516	153357	0.48	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	3866100	3782533	3858037	3835557	1.20	cps
Holmium	165-2	1536159	1513475	1510038	1519891	0.93	cps
Indium	115-1	3914602	3939995	3943158	3932585	0.40	cps
Indium	115-2	338056	335927	337288	337090	0.32	cps
Iron	56-2	668186	661386	661747	663773	0.58	cps
Iron	57-2	16894	16833	16010	16579	2.98	cps
Krypton	83-1	500	547	597	548	8.83	cps
Lead	206-1	378482	376356	376933	377257	0.29	cps
Lead	207-1	321369	325167	325078	323872	0.67	cps
Lead	208-1	1479275	1488001	1488579	1485285	0.35	cps
Lithium	6-1	625235	622128	617847	621737	0.60	cps
Magnesium	24-2	47573	45541	44847	45987	3.08	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:54:56	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28893	28336	28890	28706	1.12	cps
Molybdenum	94-1	208	350	317	292	25.40	cps
Molybdenum	95-1	283	317	283	294	6.54	cps
Molybdenum	96-1	483	358	358	400	18.04	cps
Molybdenum	97-1	225	358	192	258	34.14	cps
Molybdenum	98-1	383	517	467	456	14.79	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	54610	53315	53516	53814	1.29	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	55702	52816	53411	53977	2.82	cps
Rhodium	103-1	4074266	4066834	4118398	4086499	0.68	cps
Rhodium	103-2	1688381	1713896	1693164	1698480	0.80	cps
Scandium	45-1	3585303	3551900	3541936	3559713	0.64	cps
Scandium	45-2	51839	51431	49791	51020	2.12	cps
Selenium	77-2	193	210	223	209	7.20	cps
Selenium	78-2	633	622	678	644	4.56	cps
Selenium	82-1	15588	15105	15362	15352	1.57	cps
Silicon	28-1	390983	389069	383778	387943	0.96	cps
Silver	109-1	463211	462021	462296	462509	0.13	cps
Silver	107-1	496005	490375	490640	492340	0.65	cps
Sodium	23-2	202732	197622	196666	199007	1.64	cps
Strontium	86-1	4017	3776	3984	3926	3.34	cps
Strontium	88-1	25901	25926	25842	25889	0.17	cps
Sulfur	34-1	491183	489362	485612	488719	0.58	cps
Terbium	159-1	4148595	4091003	4086790	4108796	0.84	cps
Terbium	159-2	1570577	1536767	1580169	1562504	1.46	cps
Thallium	203-1	472514	466598	473725	470945	0.81	cps
Thallium	205-1	1118364	1115453	1115296	1116371	0.15	cps
Tin	118-1	358	325	317	333	6.61	cps
Titanium	47-1	183	258	267	236	19.44	cps
Uranium	238-1	258	133	242	211	32.15	cps
Vanadium	51-2	68821	67900	67566	68096	0.96	cps
Yttrium	89-1	4743900	4751607	4765520	4753676	0.23	cps
Yttrium	89-2	287601	282966	280885	283818	1.21	cps
Zinc	66-2	33504	33417	33140	33354	0.57	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 15:54:56	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	442	325	342	369	17.08	cps
Zirconium	91-1	300	258	267	275	8.02	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:02:14	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	248	213	233	7.90	cps
Antimony	121-1	8236	8737	8120	8364	3.92	cps
Arsenic	75-1	1884	1753	1887	1841	4.16	cps
Barium	135-1	7561	7461	7461	7494	0.77	cps
Barium	137-1	13883	12548	13141	13191	5.07	cps
Beryllium	9-1	820	710	697	742	9.12	cps
Bismuth	209-1	2137612	2153566	2125492	2138890	0.66	cps
Bismuth	209-2	1050223	1057683	1048633	1052180	0.46	cps
Boron	10-1	2817	2825	2742	2795	1.64	cps
Boron	11-1	13732	13640	14516	13963	3.45	cps
Cadmium	111-1	1754	1857	1809	1807	2.86	cps
Cadmium	106-1	1400	1417	1350	1389	2.50	cps
Cadmium	108-1	79	79	46	68	28.28	cps
Calcium	43-1	8000	6999	7099	7366	7.49	cps
Calcium	44-1	200704	193221	191605	195177	2.49	cps
Chromium	52-2	3681	3457	3694	3611	3.68	cps
Cobalt	59-2	1810	1693	1820	1775	3.97	cps
Copper	63-2	3004	3024	2914	2980	1.97	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	0	25	25	17	86.60	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	33	58	25	39	44.61	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	3663031	3748325	3640583	3683980	1.54	cps
Holmium	165-2	1466197	1465984	1468373	1466851	0.09	cps
Indium	115-1	3828189	3828077	3765657	3807308	0.95	cps
Indium	115-2	335644	332840	328494	332326	1.08	cps
Iron	56-2	35847	36543	36911	36433	1.48	cps
Iron	57-2	945	906	1100	983	10.46	cps
Krypton	83-1	470	457	510	479	5.80	cps
Lead	206-1	1884	1722	1745	1784	4.90	cps
Lead	207-1	1600	1528	1722	1617	6.08	cps
Lead	208-1	7590	7007	7496	7364	4.25	cps
Lithium	6-1	550637	566751	550971	556120	1.66	cps
Magnesium	24-2	18822	18863	18529	18738	0.97	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:02:14	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	287	367	353	336	12.77	cps
Molybdenum	94-1	8295	7594	7928	7939	4.41	cps
Molybdenum	95-1	10429	9854	9662	9982	4.00	cps
Molybdenum	96-1	10980	10196	10905	10694	4.05	cps
Molybdenum	97-1	6027	5977	5743	5915	2.56	cps
Molybdenum	98-1	15943	15409	15393	15582	2.01	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	567	553	563	561	1.24	cps
Phosphorus	31-2	42	75	83	67	33.07	cps
Potassium	39-2	17219	17286	18162	17556	3.00	cps
Rhodium	103-1	3947818	3989821	3957734	3965124	0.55	cps
Rhodium	103-2	1673124	1677988	1642237	1664449	1.16	cps
Scandium	45-1	3539368	3487164	3496858	3507797	0.79	cps
Scandium	45-2	50551	50236	49805	50197	0.75	cps
Selenium	77-2	0	13	13	9	86.60	cps
Selenium	78-2	22	15	11	16	35.26	cps
Selenium	82-1	379	375	286	347	15.17	cps
Silicon	28-1	401633	396356	400699	399563	0.70	cps
Silver	109-1	3817	4493	3984	4098	8.58	cps
Silver	107-1	4468	4284	4359	4370	2.11	cps
Sodium	23-2	56965	56572	57182	56906	0.54	cps
Strontium	86-1	1975	1917	1784	1892	5.19	cps
Strontium	88-1	10480	10588	9837	10302	3.94	cps
Sulfur	34-1	489552	488194	485997	487915	0.37	cps
Terbium	159-1	3964098	3968960	3936431	3956496	0.44	cps
Terbium	159-2	1512969	1514605	1489690	1505755	0.93	cps
Thallium	203-1	2009	2242	2217	2156	5.94	cps
Thallium	205-1	5627	5668	5101	5465	5.78	cps
Tin	118-1	13733	13858	13899	13830	0.63	cps
Titanium	47-1	3584	3892	3776	3751	4.15	cps
Uranium	238-1	5527	5768	5510	5602	2.58	cps
Vanadium	51-2	3387	3407	3284	3359	1.97	cps
Yttrium	89-1	4592684	4652753	4647763	4631067	0.72	cps
Yttrium	89-2	278467	278645	278362	278492	0.05	cps
Zinc	66-2	533	430	507	490	10.95	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:02:14	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6977	6935	7077	6997	1.04	cps
Zirconium	91-1	1542	1500	1408	1483	4.60	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:05:41 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	25	58	45	38.89	cps
Antimony	121-1	325	367	275	322	14.25	cps
Arsenic	75-1	471	519	537	509	6.78	cps
Barium	135-1	25	33	17	25	33.32	cps
Barium	137-1	42	33	58	44	28.65	cps
Beryllium	9-1	77	47	40	54	35.88	cps
Bismuth	209-1	2168974	2139825	2106281	2138360	1.47	cps
Bismuth	209-2	1040896	1058115	1060725	1053245	1.02	cps
Boron	10-1	325	367	358	350	6.30	cps
Boron	11-1	1909	2034	1809	1917	5.88	cps
Cadmium	111-1	839	796	884	840	5.24	cps
Cadmium	106-1	1183	1142	1225	1183	3.52	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	437	490	460	462	5.78	cps
Calcium	44-1	82910	82400	82957	82755	0.37	cps
Chromium	52-2	1683	1944	1863	1830	7.28	cps
Cobalt	59-2	113	167	107	129	25.51	cps
Copper	63-2	240	233	247	240	2.78	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	0	17	19	107.85	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	42	100	42	61	55.11	cps
Gadolinium	160-2	13	0	10	8	89.21	cps
Holmium	165-1	3742571	3662035	3661007	3688538	1.27	cps
Holmium	165-2	1455369	1457318	1468925	1460537	0.50	cps
Indium	115-1	3839882	3801064	3805596	3815514	0.56	cps
Indium	115-2	331096	331878	328418	330464	0.55	cps
Iron	56-2	3662	3445	3528	3545	3.08	cps
Iron	57-2	156	122	106	128	19.92	cps
Krypton	83-1	513	613	583	570	9.00	cps
Lead	206-1	200	117	228	181	31.86	cps
Lead	207-1	156	161	156	157	2.04	cps
Lead	208-1	728	639	800	722	11.17	cps
Lithium	6-1	549644	547552	543937	547044	0.53	cps
Magnesium	24-2	475	367	450	431	13.17	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:05:41	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	70	93	72	27.83	cps
Molybdenum	94-1	142	150	158	150	5.56	cps
Molybdenum	95-1	75	58	67	67	12.49	cps
Molybdenum	96-1	100	100	133	111	17.32	cps
Molybdenum	97-1	150	167	158	158	5.26	cps
Molybdenum	98-1	100	83	117	100	16.66	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	87	97	92	5.52	cps
Phosphorus	31-2	8	25	33	22	57.30	cps
Potassium	39-2	6102	6310	6077	6163	2.08	cps
Rhodium	103-1	3990593	3968611	3937797	3965667	0.67	cps
Rhodium	103-2	1697436	1678089	1699136	1691554	0.69	cps
Scandium	45-1	3538945	3498061	3476581	3504529	0.90	cps
Scandium	45-2	49193	49855	50373	49807	1.19	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	2	11	4	6	88.24	cps
Selenium	82-1	-73	-110	-97	-93	-20.23	cps
Silicon	28-1	370161	365332	361001	365498	1.25	cps
Silver	109-1	50	58	83	64	27.15	cps
Silver	107-1	50	25	42	39	32.73	cps
Sodium	23-2	16344	16569	17595	16836	3.96	cps
Strontium	86-1	817	775	758	783	3.84	cps
Strontium	88-1	58	25	92	58	57.14	cps
Sulfur	34-1	490682	492199	493991	492290	0.34	cps
Terbium	159-1	3986493	3972589	3983274	3980785	0.18	cps
Terbium	159-2	1503544	1506705	1505480	1505243	0.11	cps
Thallium	203-1	175	117	167	153	20.65	cps
Thallium	205-1	350	242	250	281	21.49	cps
Tin	118-1	233	350	250	278	22.71	cps
Titanium	47-1	183	225	350	253	34.31	cps
Uranium	238-1	17	42	25	28	45.82	cps
Vanadium	51-2	20	17	17	18	10.81	cps
Yttrium	89-1	4660085	4691933	4680826	4677615	0.35	cps
Yttrium	89-2	278367	279925	278096	278796	0.35	cps
Zinc	66-2	183	170	160	171	6.84	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:05:41	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	317	358	331	7.28	cps
Zirconium	91-1	92	67	100	86	20.15	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:09:08 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	714843	707236	707801	709960	0.60	cps
Antimony	121-1	4934	4393	4851	4726	6.17	cps
Arsenic	75-1	1943	2188	2280	2137	8.14	cps
Barium	135-1	1125	1008	1225	1120	9.69	cps
Barium	137-1	2092	2059	2017	2056	1.83	cps
Beryllium	9-1	263	193	223	227	15.49	cps
Bismuth	209-1	2017642	2047605	1989993	2018413	1.43	cps
Bismuth	209-2	950965	935202	936478	940882	0.93	cps
Boron	10-1	450	308	283	347	25.89	cps
Boron	11-1	1909	1825	1400	1711	15.93	cps
Cadmium	111-1	1261	1201	1135	1199	5.23	cps
Cadmium	106-1	1217	1192	1050	1153	7.80	cps
Cadmium	108-1	738	721	708	722	2.03	cps
Calcium	43-1	1371977	1341729	1350667	1354791	1.15	cps
Calcium	44-1	22115037	21412712	21880529	21802759	1.64	cps
Chromium	52-2	18502	18559	18796	18619	0.84	cps
Cobalt	59-2	2080	1957	1854	1964	5.78	cps
Copper	63-2	11188	11295	11465	11316	1.23	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	8	25	58	31	83.33	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	3731337	3649083	3637247	3672555	1.40	cps
Holmium	165-2	1392666	1367744	1375372	1378594	0.93	cps
Indium	115-1	3697229	3652460	3714092	3687927	0.86	cps
Indium	115-2	302787	298232	301105	300708	0.77	cps
Iron	56-2	59003126	58664601	58294096	58653941	0.60	cps
Iron	57-2	1494971	1492230	1502693	1496631	0.36	cps
Krypton	83-1	510	513	510	511	0.38	cps
Lead	206-1	9732	9198	9276	9402	3.07	cps
Lead	207-1	7552	7325	7002	7293	3.79	cps
Lead	208-1	35932	34313	34386	34877	2.62	cps
Lithium	6-1	504820	481118	485224	490387	2.58	cps
Magnesium	24-2	3388295	3382727	3410292	3393771	0.43	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:09:08 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2030	2110	2317	2152	6.87	cps
Molybdenum	94-1	2217489	2185008	2222426	2208308	0.92	cps
Molybdenum	95-1	3845019	3873299	3815611	3844643	0.75	cps
Molybdenum	96-1	4132986	4109388	4042214	4094862	1.15	cps
Molybdenum	97-1	2357072	2311795	2298583	2322483	1.32	cps
Molybdenum	98-1	6078333	5993993	5969944	6014090	0.95	cps
Neodymium	150-1	33	27	7	22	62.43	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	2727	2874	2640	2747	4.29	cps
Phosphorus	31-2	63535	62665	62137	62779	1.12	cps
Potassium	39-2	2138125	2089126	2148387	2125213	1.49	cps
Rhodium	103-1	3806955	3710569	3706310	3741278	1.52	cps
Rhodium	103-2	1522096	1495382	1500377	1505952	0.94	cps
Scandium	45-1	3406540	3332449	3353056	3364015	1.14	cps
Scandium	45-2	46631	46517	46323	46490	0.33	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-37	-22	-67	-42	-54.29	cps
Silicon	28-1	442330	428581	424771	431894	2.14	cps
Silver	109-1	1258	1150	1208	1206	4.50	cps
Silver	107-1	1367	1350	1275	1331	3.67	cps
Sodium	23-2	7727670	7661773	7633706	7674383	0.63	cps
Strontium	86-1	43019	44005	41815	42946	2.55	cps
Strontium	88-1	361432	359786	360324	360514	0.23	cps
Sulfur	34-1	2102336	2069543	2031177	2067685	1.72	cps
Terbium	159-1	3953349	3925055	3881421	3919942	0.92	cps
Terbium	159-2	1400100	1402519	1399779	1400800	0.11	cps
Thallium	203-1	958	1092	808	953	14.88	cps
Thallium	205-1	2100	2084	1859	2014	6.70	cps
Tin	118-1	775	717	875	789	10.15	cps
Titanium	47-1	1372477	1367992	1386043	1375504	0.68	cps
Uranium	238-1	83	75	108	89	19.52	cps
Vanadium	51-2	93	147	110	117	23.39	cps
Yttrium	89-1	4630836	4574077	4505154	4570022	1.38	cps
Yttrium	89-2	262895	256638	257254	258929	1.33	cps
Zinc	66-2	2194	2140	2284	2206	3.28	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:09:08	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	550	408	483	481	14.75	cps
Zirconium	91-1	167	108	58	111	48.80	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:12:28 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	665036	669503	660981	665173	0.64	cps
Antimony	121-1	82161	80442	82102	81568	1.20	cps
Arsenic	75-1	29260	29200	29574	29344	0.68	cps
Barium	135-1	16861	16236	16010	16369	2.69	cps
Barium	137-1	28607	28290	27471	28123	2.08	cps
Beryllium	9-1	11738	11705	12099	11847	1.84	cps
Bismuth	209-1	1956163	1962589	1956053	1958268	0.19	cps
Bismuth	209-2	866022	878833	873383	872746	0.74	cps
Boron	10-1	5776	6243	5885	5968	4.10	cps
Boron	11-1	31268	31177	30274	30906	1.78	cps
Cadmium	111-1	18765	18111	17527	18135	3.41	cps
Cadmium	106-1	2534	2767	2675	2659	4.42	cps
Cadmium	108-1	1792	1834	1896	1840	2.85	cps
Calcium	43-1	1328333	1300276	1330975	1319861	1.29	cps
Calcium	44-1	20884295	20698185	20830718	20804399	0.46	cps
Chromium	52-2	33524	34326	33146	33665	1.79	cps
Cobalt	59-2	32204	33156	33130	32830	1.65	cps
Copper	63-2	36852	37070	36962	36961	0.29	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	117	50	50	72	53.30	cps
Gadolinium	160-2	17	3	13	11	62.48	cps
Holmium	165-1	3587592	3576062	3619612	3594422	0.63	cps
Holmium	165-2	1269375	1283617	1280984	1277992	0.59	cps
Indium	115-1	3633316	3553649	3594741	3593902	1.11	cps
Indium	115-2	282321	283525	284223	283356	0.34	cps
Iron	56-2	55026315	55537846	55065867	55210009	0.52	cps
Iron	57-2	1385423	1403692	1418197	1402437	1.17	cps
Krypton	83-1	533	500	500	511	3.76	cps
Lead	206-1	42751	41725	41373	41950	1.71	cps
Lead	207-1	34971	35517	34564	35017	1.36	cps
Lead	208-1	162481	159989	159361	160610	1.03	cps
Lithium	6-1	429143	423432	418650	423742	1.24	cps
Magnesium	24-2	3176130	3214291	3221392	3203938	0.76	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:12:28	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6772	6992	6945	6903	1.68	cps
Molybdenum	94-1	2182139	2232550	2202161	2205617	1.15	cps
Molybdenum	95-1	3874021	3850447	3865893	3863454	0.31	cps
Molybdenum	96-1	4107211	4073833	4092599	4091215	0.41	cps
Molybdenum	97-1	2354831	2368579	2352912	2358774	0.36	cps
Molybdenum	98-1	6041140	6014516	5983276	6012977	0.48	cps
Neodymium	150-1	7	33	7	16	98.96	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	11515	11432	11535	11494	0.48	cps
Phosphorus	31-2	58991	57484	59032	58502	1.51	cps
Potassium	39-2	2012463	1979424	1972169	1988018	1.08	cps
Rhodium	103-1	3655194	3627439	3659307	3647313	0.48	cps
Rhodium	103-2	1421876	1440040	1442198	1434705	0.78	cps
Scandium	45-1	3245461	3194587	3230413	3223487	0.81	cps
Scandium	45-2	44183	44584	44032	44266	0.64	cps
Selenium	77-2	17	23	7	16	53.90	cps
Selenium	78-2	59	56	37	51	23.52	cps
Selenium	82-1	1454	1400	1404	1419	2.14	cps
Silicon	28-1	601446	590082	590967	594165	1.06	cps
Silver	109-1	78455	79099	79308	78954	0.56	cps
Silver	107-1	84281	85018	84724	84674	0.44	cps
Sodium	23-2	7185564	7270218	7265768	7240517	0.66	cps
Strontium	86-1	43219	42559	41623	42467	1.89	cps
Strontium	88-1	355873	352046	352903	353607	0.57	cps
Sulfur	34-1	1925046	1911594	1909264	1915301	0.44	cps
Terbium	159-1	3817337	3807484	3849530	3824784	0.57	cps
Terbium	159-2	1305659	1311428	1303996	1307027	0.30	cps
Thallium	203-1	40332	40800	40984	40705	0.83	cps
Thallium	205-1	96717	97154	96592	96821	0.31	cps
Tin	118-1	182717	179938	182066	181574	0.80	cps
Titanium	47-1	1339454	1359413	1355268	1351378	0.78	cps
Uranium	238-1	92	108	108	103	9.36	cps
Vanadium	51-2	11805	12059	11862	11909	1.12	cps
Yttrium	89-1	4520362	4523830	4489798	4511330	0.42	cps
Yttrium	89-2	242944	247286	242595	244275	1.07	cps
Zinc	66-2	4891	4961	4928	4927	0.71	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:12:28	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	433	458	525	472	10.03	cps
Zirconium	91-1	92	92	117	100	14.43	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : CCV17 Instrumnet Name : P8
 Client Sample ID : CCV17 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:15:49 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	426382	424566	430069	427006	0.66	cps
Antimony	121-1	2115630	2121438	2107863	2114977	0.32	cps
Arsenic	75-1	741980	740678	738573	740411	0.23	cps
Barium	135-1	2040526	2054701	2092349	2062526	1.30	cps
Barium	137-1	3597066	3588369	3593488	3592974	0.12	cps
Beryllium	9-1	330322	325037	330545	328635	0.95	cps
Bismuth	209-1	2078251	2117767	2143025	2113014	1.55	cps
Bismuth	209-2	956619	977242	978926	970929	1.28	cps
Boron	10-1	45632	45298	47755	46228	2.88	cps
Boron	11-1	234026	238292	244743	239020	2.26	cps
Cadmium	111-1	477751	473195	481956	477634	0.92	cps
Cadmium	106-1	51574	51248	51809	51544	0.55	cps
Cadmium	108-1	34570	35192	34440	34734	1.16	cps
Calcium	43-1	3373487	3420923	3403249	3399220	0.71	cps
Calcium	44-1	54660446	54434213	54651928	54582195	0.23	cps
Chromium	52-2	450172	448258	451470	449967	0.36	cps
Cobalt	59-2	856129	859136	857858	857707	0.18	cps
Copper	63-2	1388915	1392978	1397598	1393164	0.31	cps
Dysprosium	156-1	58	50	58	56	8.67	cps
Dysprosium	156-2	13	7	20	13	49.99	cps
Erbium	164-1	17	42	58	39	53.93	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	7	20	10	12	56.76	cps
Holmium	165-1	3874173	3764297	3841037	3826503	1.47	cps
Holmium	165-2	1416751	1434883	1432313	1427982	0.69	cps
Indium	115-1	3702692	3677075	3773721	3717829	1.35	cps
Indium	115-2	299482	303074	302593	301716	0.65	cps
Iron	56-2	76116668	77162646	77212249	76830521	0.81	cps
Iron	57-2	1955306	1946693	1982363	1961454	0.95	cps
Krypton	83-1	487	547	500	511	6.16	cps
Lead	206-1	888681	881956	889590	886742	0.47	cps
Lead	207-1	785193	795167	791694	790685	0.64	cps
Lead	208-1	3624350	3641682	3638474	3634835	0.25	cps
Lithium	6-1	453513	459106	469033	460551	1.71	cps
Magnesium	24-2	8850469	8745363	8942591	8846141	1.12	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:15:49	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	279944	279242	283010	280732	0.71	cps
Molybdenum	94-1	4159528	4222734	4225983	4202749	0.89	cps
Molybdenum	95-1	5141656	5155480	5150813	5149316	0.14	cps
Molybdenum	96-1	5671341	5677891	5725633	5691622	0.52	cps
Molybdenum	97-1	3142285	3117167	3153812	3137755	0.60	cps
Molybdenum	98-1	8033221	8040373	8067621	8047071	0.23	cps
Neodymium	150-1	113	73	113	100	23.09	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	250048	251049	249554	250217	0.30	cps
Phosphorus	31-2	6627	6952	6819	6799	2.40	cps
Potassium	39-2	2731144	2743905	2717605	2730885	0.48	cps
Rhodium	103-1	3759993	3706039	3749451	3738494	0.76	cps
Rhodium	103-2	1487244	1531703	1532939	1517295	1.72	cps
Scandium	45-1	3339244	3361309	3435214	3378589	1.49	cps
Scandium	45-2	46972	48637	48574	48061	1.96	cps
Selenium	77-2	447	470	440	452	3.48	cps
Selenium	78-2	1552	1502	1537	1530	1.68	cps
Selenium	82-1	36518	37023	36427	36656	0.88	cps
Silicon	28-1	1765142	1841607	1879765	1828838	3.19	cps
Silver	109-1	2265145	2281292	2273786	2273408	0.36	cps
Silver	107-1	2404787	2373063	2369725	2382525	0.81	cps
Sodium	23-2	19837389	19879708	20070573	19929223	0.62	cps
Strontium	86-1	657281	652234	656147	655221	0.40	cps
Strontium	88-1	5559865	5562527	5546107	5556166	0.16	cps
Sulfur	34-1	620839	630475	631149	627488	0.92	cps
Terbium	159-1	4061262	4121447	4147774	4110161	1.08	cps
Terbium	159-2	1441645	1455571	1455057	1450758	0.54	cps
Thallium	203-1	1098989	1091742	1104783	1098505	0.59	cps
Thallium	205-1	2671658	2641656	2679291	2664202	0.75	cps
Tin	118-1	1434110	1426376	1437328	1432605	0.39	cps
Titanium	47-1	1774410	1810796	1785655	1790287	1.04	cps
Uranium	238-1	3223451	3344105	3308579	3292045	1.88	cps
Vanadium	51-2	330126	329011	334367	331168	0.85	cps
Yttrium	89-1	4704977	4668722	4771903	4715201	1.11	cps
Yttrium	89-2	258761	260984	267612	262452	1.75	cps
Zinc	66-2	152103	152794	151415	152104	0.45	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:15:49	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3597949	3550313	3526813	3558359	1.02	cps
Zirconium	91-1	772935	776380	774910	774742	0.22	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:19:18 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	73	68	61	26.42	cps
Antimony	121-1	1175	1300	1408	1295	9.02	cps
Arsenic	75-1	632	600	794	675	15.42	cps
Barium	135-1	58	25	33	39	44.62	cps
Barium	137-1	25	50	108	61	69.98	cps
Beryllium	9-1	73	83	50	69	24.83	cps
Bismuth	209-1	2172703	2178427	2160781	2170637	0.41	cps
Bismuth	209-2	986583	983300	981387	983757	0.27	cps
Boron	10-1	542	675	575	597	11.62	cps
Boron	11-1	3284	3142	3134	3187	2.65	cps
Cadmium	111-1	838	806	766	803	4.44	cps
Cadmium	106-1	1175	1158	1092	1142	3.86	cps
Cadmium	108-1	8	25	21	18	48.05	cps
Calcium	43-1	407	363	480	417	14.15	cps
Calcium	44-1	79319	79111	82502	80311	2.37	cps
Chromium	52-2	1913	1760	1890	1855	4.46	cps
Cobalt	59-2	97	113	120	110	10.92	cps
Copper	63-2	360	393	310	354	11.83	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	42	0	22	94.38	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	3722662	3673697	3702030	3699463	0.66	cps
Holmium	165-2	1374382	1379332	1366918	1373544	0.45	cps
Indium	115-1	3831628	3837039	3769185	3812617	0.99	cps
Indium	115-2	309335	306244	304768	306783	0.76	cps
Iron	56-2	4329	4273	4373	4325	1.16	cps
Iron	57-2	111	117	111	113	2.84	cps
Krypton	83-1	617	580	473	557	13.38	cps
Lead	206-1	978	856	878	904	7.20	cps
Lead	207-1	889	800	744	811	8.98	cps
Lead	208-1	3689	3373	3417	3493	4.91	cps
Lithium	6-1	461827	465515	461444	462929	0.49	cps
Magnesium	24-2	517	483	500	500	3.33	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:19:18 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	50	77	62	21.65	cps
Molybdenum	94-1	433	408	517	453	12.53	cps
Molybdenum	95-1	458	408	533	467	13.48	cps
Molybdenum	96-1	592	533	658	595	10.53	cps
Molybdenum	97-1	375	342	475	397	17.47	cps
Molybdenum	98-1	767	650	783	733	9.91	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	93	93	82	23.41	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	7086	6877	6677	6880	2.97	cps
Rhodium	103-1	3913236	3951523	3886201	3916987	0.84	cps
Rhodium	103-2	1574200	1597325	1601285	1590937	0.92	cps
Scandium	45-1	3374544	3370223	3337745	3360837	0.60	cps
Scandium	45-2	46979	46383	46039	46467	1.02	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	-155	-115	-24	-98	-68.57	cps
Silicon	28-1	329275	323070	321615	324653	1.25	cps
Silver	109-1	292	217	308	272	17.94	cps
Silver	107-1	258	267	150	225	28.93	cps
Sodium	23-2	23320	22636	22969	22975	1.49	cps
Strontium	86-1	683	750	700	711	4.88	cps
Strontium	88-1	108	50	133	97	43.99	cps
Sulfur	34-1	415079	417946	420735	417920	0.68	cps
Terbium	159-1	3970159	4085634	3950162	4001985	1.83	cps
Terbium	159-2	1408822	1402942	1400171	1403978	0.31	cps
Thallium	203-1	717	542	508	589	19.00	cps
Thallium	205-1	1150	1125	1292	1189	7.56	cps
Tin	118-1	208	375	317	300	28.19	cps
Titanium	47-1	167	92	300	186	56.70	cps
Uranium	238-1	33	58	42	44	28.65	cps
Vanadium	51-2	30	13	20	21	39.75	cps
Yttrium	89-1	4550223	4675905	4526419	4584183	1.75	cps
Yttrium	89-2	261789	259311	257656	259585	0.80	cps
Zinc	66-2	180	180	190	183	3.15	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:19:18	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	500	383	417	433	13.87	cps
Zirconium	91-1	58	100	42	67	45.07	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:25:25	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	173	168	172	2.22	cps
Antimony	121-1	7461	7928	7527	7639	3.31	cps
Arsenic	75-1	1820	1772	1540	1711	8.75	cps
Barium	135-1	7302	7152	7411	7288	1.78	cps
Barium	137-1	13182	12940	12164	12762	4.17	cps
Beryllium	9-1	617	533	597	582	7.47	cps
Bismuth	209-1	2086287	2098523	2075354	2086721	0.56	cps
Bismuth	209-2	964676	964540	954419	961212	0.61	cps
Boron	10-1	2125	2109	2267	2167	4.02	cps
Boron	11-1	11046	11146	11864	11352	3.93	cps
Cadmium	111-1	1516	1743	1560	1606	7.47	cps
Cadmium	106-1	1175	1300	1075	1183	9.53	cps
Cadmium	108-1	63	67	108	79	32.02	cps
Calcium	43-1	6875	6838	6672	6795	1.60	cps
Calcium	44-1	178985	179317	177305	178536	0.60	cps
Chromium	52-2	3487	3444	3310	3414	2.70	cps
Cobalt	59-2	1727	1703	1617	1682	3.45	cps
Copper	63-2	2894	2914	2864	2890	0.87	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	25	17	8	17	50.01	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	3696987	3615761	3628014	3646921	1.20	cps
Holmium	165-2	1350173	1355648	1335390	1347070	0.78	cps
Indium	115-1	3787920	3747903	3695814	3743879	1.23	cps
Indium	115-2	306714	303803	300185	303567	1.08	cps
Iron	56-2	34382	34537	34282	34400	0.37	cps
Iron	57-2	883	917	1017	939	7.39	cps
Krypton	83-1	513	600	577	563	7.96	cps
Lead	206-1	2056	2089	1939	2028	3.88	cps
Lead	207-1	1706	1739	1567	1671	5.47	cps
Lead	208-1	8107	7840	7651	7866	2.91	cps
Lithium	6-1	429715	422284	424657	425552	0.89	cps
Magnesium	24-2	17236	16986	17286	17169	0.94	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:25:25 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330	307	340	326	5.25	cps
Molybdenum	94-1	8078	7669	7436	7728	4.21	cps
Molybdenum	95-1	8928	9404	9887	9406	5.10	cps
Molybdenum	96-1	10580	10096	10680	10452	2.99	cps
Molybdenum	97-1	6118	6052	5843	6004	2.39	cps
Molybdenum	98-1	14550	14542	14984	14692	1.72	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	647	543	570	587	9.14	cps
Phosphorus	31-2	17	33	67	39	65.47	cps
Potassium	39-2	16410	16227	16202	16280	0.70	cps
Rhodium	103-1	3874688	3900658	3801725	3859024	1.33	cps
Rhodium	103-2	1588314	1577583	1586622	1584173	0.36	cps
Scandium	45-1	3333017	3365241	3289760	3329339	1.14	cps
Scandium	45-2	46768	46798	47176	46914	0.48	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	13	20	13	15	27.73	cps
Selenium	82-1	294	175	213	228	26.64	cps
Silicon	28-1	335194	337059	334955	335736	0.34	cps
Silver	109-1	4284	3959	4218	4154	4.13	cps
Silver	107-1	4601	3859	4026	4162	9.35	cps
Sodium	23-2	56488	54706	55819	55671	1.62	cps
Strontium	86-1	1909	2050	1834	1931	5.70	cps
Strontium	88-1	9946	9704	10371	10007	3.38	cps
Sulfur	34-1	419423	417105	417572	418033	0.29	cps
Terbium	159-1	3935707	3946759	3892689	3925052	0.73	cps
Terbium	159-2	1391805	1377838	1381080	1383575	0.53	cps
Thallium	203-1	2192	2342	2367	2300	4.12	cps
Thallium	205-1	5543	5310	5727	5526	3.78	cps
Tin	118-1	13215	13249	12773	13079	2.03	cps
Titanium	47-1	3259	3434	3592	3428	4.86	cps
Uranium	238-1	5718	5301	5051	5357	6.29	cps
Vanadium	51-2	3234	3054	3077	3122	3.14	cps
Yttrium	89-1	4554374	4599749	4463257	4539126	1.53	cps
Yttrium	89-2	259250	257555	255622	257476	0.71	cps
Zinc	66-2	450	417	440	436	3.93	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:25:25	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6685	6560	6385	6544	2.30	cps
Zirconium	91-1	1659	1450	1408	1506	8.90	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : PB116272BL Instrumnet Name : P8
 Client Sample ID : PB116272BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:29:06 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	45	68	54	21.82	cps
Antimony	121-1	183	183	267	211	22.79	cps
Arsenic	75-1	579	507	504	530	8.03	cps
Barium	135-1	42	25	25	31	31.50	cps
Barium	137-1	25	17	42	28	45.82	cps
Beryllium	9-1	27	37	60	41	41.60	cps
Bismuth	209-1	2066702	2055349	2080300	2067450	0.60	cps
Bismuth	209-2	947894	953433	950333	950553	0.29	cps
Boron	10-1	308	217	233	253	19.32	cps
Boron	11-1	1258	1400	1308	1322	5.43	cps
Cadmium	111-1	753	678	825	752	9.75	cps
Cadmium	106-1	1067	975	1158	1067	8.59	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	417	403	407	409	1.70	cps
Calcium	44-1	75217	76078	75726	75673	0.57	cps
Chromium	52-2	1927	1877	1667	1823	7.57	cps
Cobalt	59-2	140	127	130	132	5.25	cps
Copper	63-2	227	243	253	241	5.59	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	17	3	7	9	78.08	cps
Holmium	165-1	3655143	3556327	3581324	3597598	1.43	cps
Holmium	165-2	1334800	1339661	1334872	1336444	0.21	cps
Indium	115-1	3729862	3714167	3652831	3698953	1.10	cps
Indium	115-2	303874	300867	298413	301051	0.91	cps
Iron	56-2	4045	3739	3589	3791	6.12	cps
Iron	57-2	83	122	106	104	18.81	cps
Krypton	83-1	530	607	487	541	11.23	cps
Lead	206-1	389	422	300	370	17.06	cps
Lead	207-1	289	378	306	324	14.58	cps
Lead	208-1	1350	1428	1295	1357	4.93	cps
Lithium	6-1	422747	415103	414828	417559	1.08	cps
Magnesium	24-2	358	492	333	394	21.58	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BL	Instrumnet Name :	P8
Client Sample ID :	PB116272BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:29:06	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	70	113	87	26.93	cps
Molybdenum	94-1	200	183	150	178	14.32	cps
Molybdenum	95-1	117	100	75	97	21.57	cps
Molybdenum	96-1	92	125	117	111	15.61	cps
Molybdenum	97-1	183	150	150	161	11.94	cps
Molybdenum	98-1	83	83	50	72	26.65	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	60	110	92	30.31	cps
Phosphorus	31-2	42	0	0	14	173.21	cps
Potassium	39-2	6218	6493	6102	6271	3.21	cps
Rhodium	103-1	3892746	3844866	3873968	3870527	0.62	cps
Rhodium	103-2	1573780	1536343	1560059	1556727	1.22	cps
Scandium	45-1	3366808	3279126	3189393	3278442	2.71	cps
Scandium	45-2	46834	46553	45945	46444	0.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	9	4	107.89	cps
Selenium	82-1	-46	-104	-24	-58	-71.64	cps
Silicon	28-1	304863	309111	305448	306474	0.75	cps
Silver	109-1	33	67	83	61	41.67	cps
Silver	107-1	108	83	42	78	43.30	cps
Sodium	23-2	17487	18162	18004	17884	1.98	cps
Strontium	86-1	700	642	700	681	4.95	cps
Strontium	88-1	67	100	75	81	21.54	cps
Sulfur	34-1	416163	414515	416842	415840	0.29	cps
Terbium	159-1	3925995	3843934	3811590	3860506	1.53	cps
Terbium	159-2	1366592	1371462	1368637	1368897	0.18	cps
Thallium	203-1	292	342	358	331	10.50	cps
Thallium	205-1	633	575	775	661	15.56	cps
Tin	118-1	317	275	300	297	7.06	cps
Titanium	47-1	258	192	217	222	15.16	cps
Uranium	238-1	8	33	0	14	124.91	cps
Vanadium	51-2	17	10	10	12	31.50	cps
Yttrium	89-1	4548711	4600520	4447654	4532295	1.72	cps
Yttrium	89-2	255545	256050	256413	256003	0.17	cps
Zinc	66-2	220	193	113	176	31.62	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BL	Instrumnet Name :	P8
Client Sample ID :	PB116272BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:29:06	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	383	283	417	361	19.22	cps
Zirconium	91-1	58	100	75	78	26.96	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : PB116272BS Instrumnet Name : P8
 Client Sample ID : PB116272BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 16:32:33 DataFile Name : 021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80405	80780	80876	80687	0.31	cps
Antimony	121-1	2129305	2136684	2129124	2131704	0.20	cps
Arsenic	75-1	738741	743191	743631	741854	0.36	cps
Barium	135-1	2053948	2068056	2062022	2061342	0.34	cps
Barium	137-1	3538712	3539127	3562245	3546695	0.38	cps
Beryllium	9-1	317695	321594	323287	320859	0.89	cps
Bismuth	209-1	2144636	2135005	2151106	2143582	0.38	cps
Bismuth	209-2	986762	983750	995479	988664	0.62	cps
Boron	10-1	43501	44904	44938	44448	1.85	cps
Boron	11-1	226844	230216	235486	230849	1.89	cps
Cadmium	111-1	480905	486726	489437	485689	0.90	cps
Cadmium	106-1	51148	51307	52370	51608	1.29	cps
Cadmium	108-1	34987	36132	35363	35494	1.64	cps
Calcium	43-1	696470	698975	703185	699543	0.49	cps
Calcium	44-1	11273404	11410040	11432179	11371874	0.76	cps
Chromium	52-2	443633	445357	441982	443657	0.38	cps
Cobalt	59-2	861729	853176	855364	856757	0.52	cps
Copper	63-2	1436188	1422650	1422348	1427062	0.55	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	0	0	17	6	173.21	cps
Erbium	164-1	42	8	0	17	132.30	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	13	3	20	12	68.66	cps
Holmium	165-1	3774307	3737353	3800857	3770839	0.85	cps
Holmium	165-2	1417611	1414611	1414368	1415530	0.13	cps
Indium	115-1	3794163	3771320	3818877	3794787	0.63	cps
Indium	115-2	306202	300703	304737	303881	0.94	cps
Iron	56-2	15580993	15459949	15388809	15476584	0.63	cps
Iron	57-2	386841	389342	384813	386998	0.59	cps
Krypton	83-1	490	450	553	498	10.47	cps
Lead	206-1	880947	885005	894344	886765	0.77	cps
Lead	207-1	793828	793417	795072	794106	0.11	cps
Lead	208-1	3641461	3645657	3679728	3655615	0.57	cps
Lithium	6-1	440985	450133	457604	449574	1.85	cps
Magnesium	24-2	1912691	1923810	1921148	1919216	0.30	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BS	Instrumnet Name :	P8
Client Sample ID :	PB116272BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:32:33	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	277957	277067	278061	277695	0.20	cps
Molybdenum	94-1	4147518	4168612	4148220	4154783	0.29	cps
Molybdenum	95-1	5170837	5104694	5135120	5136883	0.64	cps
Molybdenum	96-1	5695197	5610975	5643131	5649768	0.75	cps
Molybdenum	97-1	3090529	3090665	3092059	3091084	0.03	cps
Molybdenum	98-1	7936848	7964948	7851914	7917903	0.74	cps
Neodymium	150-1	100	73	67	80	22.04	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	253355	251647	251856	252286	0.37	cps
Phosphorus	31-2	6310	6652	6218	6393	3.57	cps
Potassium	39-2	553228	550333	552018	551860	0.26	cps
Rhodium	103-1	3792268	3835534	3808834	3812212	0.57	cps
Rhodium	103-2	1596550	1557714	1572782	1575682	1.24	cps
Scandium	45-1	3321010	3336347	3411675	3356344	1.45	cps
Scandium	45-2	48530	48233	47781	48181	0.78	cps
Selenium	77-2	453	413	450	439	5.06	cps
Selenium	78-2	1487	1454	1458	1466	1.25	cps
Selenium	82-1	37175	36806	36876	36952	0.53	cps
Silicon	28-1	1581703	1575447	1613228	1590126	1.27	cps
Silver	109-1	2294934	2289528	2295862	2293441	0.15	cps
Silver	107-1	2447507	2443571	2425425	2438834	0.48	cps
Sodium	23-2	4093526	4069713	4068139	4077126	0.35	cps
Strontium	86-1	648714	655032	648020	650589	0.59	cps
Strontium	88-1	5527905	5523589	5471438	5507644	0.57	cps
Sulfur	34-1	641505	633020	641849	638792	0.78	cps
Terbium	159-1	4079692	4008467	4066782	4051647	0.94	cps
Terbium	159-2	1446633	1439704	1435305	1440547	0.40	cps
Thallium	203-1	1105725	1103914	1128140	1112593	1.21	cps
Thallium	205-1	2655679	2704884	2765395	2708652	2.03	cps
Tin	118-1	1447494	1435929	1438117	1440513	0.43	cps
Titanium	47-1	1788333	1762880	1790043	1780419	0.85	cps
Uranium	238-1	3229272	3263987	3258411	3250557	0.57	cps
Vanadium	51-2	326646	326880	326548	326691	0.05	cps
Yttrium	89-1	4676261	4667437	4614878	4652859	0.71	cps
Yttrium	89-2	266449	260240	264212	263634	1.19	cps
Zinc	66-2	156317	156262	156451	156343	0.06	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	PB116272BS	Instrumnet Name :	P8
Client Sample ID :	PB116272BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:32:33	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3540271	3447896	3479207	3489125	1.35	cps
Zirconium	91-1	765275	759434	762132	762280	0.38	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01	Instrumnet Name :	P8
Client Sample ID :	381220707.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:35:52	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	365	340	285	330	12.40	cps
Antimony	121-1	1383	1267	1358	1336	4.60	cps
Arsenic	75-1	4005	3735	3905	3882	3.52	cps
Barium	135-1	758	633	542	644	16.88	cps
Barium	137-1	1200	1092	1050	1114	6.95	cps
Beryllium	9-1	63	30	43	46	36.83	cps
Bismuth	209-1	2263939	2203203	2203333	2223491	1.58	cps
Bismuth	209-2	958251	937093	924871	940071	1.80	cps
Boron	10-1	1283	1000	925	1070	17.67	cps
Boron	11-1	5276	4934	4951	5054	3.81	cps
Cadmium	111-1	1018	812	963	931	11.47	cps
Cadmium	106-1	1358	1108	1333	1267	10.87	cps
Cadmium	108-1	29	8	0	13	120.20	cps
Calcium	43-1	1770	1637	1700	1702	3.92	cps
Calcium	44-1	91153	89935	87496	89528	2.08	cps
Chromium	52-2	1903	1850	1873	1876	1.43	cps
Cobalt	59-2	73	107	77	86	21.46	cps
Copper	63-2	2024	1907	1910	1947	3.41	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	33	67	67	56	34.65	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	3898885	3930128	3875059	3901358	0.71	cps
Holmium	165-2	1362525	1336002	1299582	1332703	2.37	cps
Indium	115-1	4109810	4119363	4105673	4111615	0.17	cps
Indium	115-2	311610	303162	297925	304232	2.27	cps
Iron	56-2	5335	5307	5123	5255	2.18	cps
Iron	57-2	139	150	144	144	3.85	cps
Krypton	83-1	460	493	553	502	9.42	cps
Lead	206-1	1522	1083	1050	1219	21.63	cps
Lead	207-1	1228	1161	989	1126	10.95	cps
Lead	208-1	5478	4884	4384	4915	11.15	cps
Lithium	6-1	435647	429561	423167	429458	1.45	cps
Magnesium	24-2	1308	1358	1092	1253	11.32	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01	Instrumnet Name :	P8
Client Sample ID :	381220707.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:35:52	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	103	107	99	10.84	cps
Molybdenum	94-1	500	408	517	475	12.28	cps
Molybdenum	95-1	342	367	375	361	4.80	cps
Molybdenum	96-1	608	483	533	542	11.62	cps
Molybdenum	97-1	317	500	267	361	34.02	cps
Molybdenum	98-1	642	567	625	611	6.45	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	87	93	147	109	30.20	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	6410	6052	6085	6182	3.20	cps
Rhodium	103-1	4188532	4124129	4054078	4122246	1.63	cps
Rhodium	103-2	1623246	1588243	1579149	1596879	1.46	cps
Scandium	45-1	3447839	3456312	3396846	3433666	0.94	cps
Scandium	45-2	46320	45035	44946	45434	1.69	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-14	-129	-126	-90	-72.82	cps
Silicon	28-1	272616	263013	262376	266002	2.16	cps
Silver	109-1	3117	2542	2359	2673	14.81	cps
Silver	107-1	3067	2867	2442	2792	11.43	cps
Sodium	23-2	24472	24931	24238	24547	1.44	cps
Strontium	86-1	1033	1183	1025	1081	8.25	cps
Strontium	88-1	4201	4042	4626	4290	7.03	cps
Sulfur	34-1	364386	361309	358429	361374	0.82	cps
Terbium	159-1	4234793	4249389	4133233	4205805	1.50	cps
Terbium	159-2	1398713	1361934	1341571	1367406	2.12	cps
Thallium	203-1	1158	842	983	995	15.95	cps
Thallium	205-1	2742	2384	1600	2242	26.05	cps
Tin	118-1	917	942	858	906	4.72	cps
Titanium	47-1	258	408	392	353	23.30	cps
Uranium	238-1	58	42	58	53	18.23	cps
Vanadium	51-2	43	33	40	39	13.09	cps
Yttrium	89-1	4868593	4891736	4839858	4866729	0.53	cps
Yttrium	89-2	259433	252720	246528	252894	2.55	cps
Zinc	66-2	7902	7499	7389	7597	3.56	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01	Instrumnet Name :	P8
Client Sample ID :	381220707.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:35:52	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	408	667	325	467	38.17	cps
Zirconium	91-1	100	158	117	125	24.03	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220707.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:39:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	315	335	308	9.91	cps
Antimony	121-1	650	758	792	733	10.10	cps
Arsenic	75-1	3406	3388	3224	3339	3.01	cps
Barium	135-1	550	550	608	569	5.91	cps
Barium	137-1	1033	1033	1067	1045	1.84	cps
Beryllium	9-1	40	73	43	52	35.15	cps
Bismuth	209-1	2218566	2229748	2225932	2224749	0.26	cps
Bismuth	209-2	958366	957024	957299	957563	0.07	cps
Boron	10-1	908	700	792	800	13.05	cps
Boron	11-1	3884	3876	3567	3776	4.78	cps
Cadmium	111-1	836	820	872	843	3.14	cps
Cadmium	106-1	1183	1117	1208	1170	4.05	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	1767	1593	1670	1677	5.18	cps
Calcium	44-1	83805	82242	82058	82701	1.16	cps
Chromium	52-2	1880	1860	1867	1869	0.54	cps
Cobalt	59-2	63	103	70	79	27.17	cps
Copper	63-2	1623	1503	1560	1562	3.84	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	58	25	33	39	44.62	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	3970615	3914474	3875847	3920312	1.22	cps
Holmium	165-2	1343638	1363124	1358804	1355189	0.76	cps
Indium	115-1	4118740	4152230	4089612	4120194	0.76	cps
Indium	115-2	308338	310164	304951	307817	0.86	cps
Iron	56-2	5096	4807	5096	4999	3.34	cps
Iron	57-2	194	183	150	176	13.15	cps
Krypton	83-1	530	530	607	556	7.97	cps
Lead	206-1	889	989	883	920	6.45	cps
Lead	207-1	789	906	789	828	8.14	cps
Lead	208-1	3756	3795	3567	3706	3.29	cps
Lithium	6-1	404968	408322	412513	408601	0.93	cps
Magnesium	24-2	1325	1133	1275	1245	7.99	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220707.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:39:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	110	83	94	14.70	cps
Molybdenum	94-1	367	267	275	303	18.33	cps
Molybdenum	95-1	117	133	133	128	7.53	cps
Molybdenum	96-1	183	217	208	203	8.56	cps
Molybdenum	97-1	217	267	192	225	16.97	cps
Molybdenum	98-1	208	208	242	219	8.77	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	87	100	110	99	11.84	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	5793	5651	5960	5801	2.66	cps
Rhodium	103-1	4122156	4068159	4029987	4073434	1.14	cps
Rhodium	103-2	1601717	1637999	1605184	1614967	1.24	cps
Scandium	45-1	3291777	3262188	3313655	3289206	0.79	cps
Scandium	45-2	45109	45691	44266	45022	1.59	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-140	-110	-208	-153	-32.79	cps
Silicon	28-1	247332	243634	238606	243191	1.80	cps
Silver	109-1	1417	1525	1392	1445	4.91	cps
Silver	107-1	1508	1600	1233	1447	13.19	cps
Sodium	23-2	21542	21175	20666	21128	2.08	cps
Strontium	86-1	1317	1125	1100	1181	10.04	cps
Strontium	88-1	4518	4493	4209	4406	3.89	cps
Sulfur	34-1	342574	344941	344851	344122	0.39	cps
Terbium	159-1	4219583	4163158	4167987	4183576	0.75	cps
Terbium	159-2	1384966	1391933	1393271	1390057	0.32	cps
Thallium	203-1	333	283	217	278	21.07	cps
Thallium	205-1	683	617	517	606	13.85	cps
Tin	118-1	792	917	758	822	10.15	cps
Titanium	47-1	242	308	217	256	18.54	cps
Uranium	238-1	8	33	50	31	68.64	cps
Vanadium	51-2	37	57	37	43	26.64	cps
Yttrium	89-1	4821726	4757585	4809809	4796373	0.71	cps
Yttrium	89-2	252364	254498	248242	251701	1.26	cps
Zinc	66-2	7359	7636	7442	7479	1.90	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220707.2DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:39:19	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	500	450	508	486	6.49	cps
Zirconium	91-1	75	92	100	89	14.33	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220707.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-09 16:42:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	108	133	113	15.02	cps
Antimony	121-1	342	283	308	311	9.41	cps
Arsenic	75-1	1122	1162	1305	1196	8.05	cps
Barium	135-1	108	158	192	153	27.45	cps
Barium	137-1	233	267	233	244	7.87	cps
Beryllium	9-1	67	37	47	50	30.55	cps
Bismuth	209-1	2150398	2119207	2164663	2144756	1.08	cps
Bismuth	209-2	954887	957906	946803	953199	0.60	cps
Boron	10-1	417	425	425	422	1.14	cps
Boron	11-1	1842	1925	2017	1928	4.54	cps
Cadmium	111-1	817	807	690	772	9.13	cps
Cadmium	106-1	1158	1150	975	1095	9.46	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	743	663	617	674	9.50	cps
Calcium	44-1	69689	69641	69708	69679	0.05	cps
Chromium	52-2	1840	1917	1874	1877	2.05	cps
Cobalt	59-2	80	60	57	66	19.25	cps
Copper	63-2	480	470	497	482	2.79	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	25	50	17	31	56.77	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	3785793	3806830	3749781	3780801	0.76	cps
Holmium	165-2	1347202	1346341	1322792	1338778	1.03	cps
Indium	115-1	3799450	3842455	3783091	3808332	0.81	cps
Indium	115-2	297183	297936	294080	296400	0.69	cps
Iron	56-2	3817	3812	3689	3773	1.92	cps
Iron	57-2	122	194	106	141	33.57	cps
Krypton	83-1	450	543	583	526	13.02	cps
Lead	206-1	444	367	411	407	9.58	cps
Lead	207-1	394	261	417	357	23.54	cps
Lead	208-1	1728	1461	1728	1639	9.39	cps
Lithium	6-1	399170	398903	397458	398510	0.23	cps
Magnesium	24-2	517	633	467	539	15.87	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220707.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-09 16:42:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	83	67	69	19.56	cps
Molybdenum	94-1	183	275	200	219	22.25	cps
Molybdenum	95-1	83	50	92	75	29.40	cps
Molybdenum	96-1	125	100	167	131	25.80	cps
Molybdenum	97-1	183	158	217	186	15.73	cps
Molybdenum	98-1	108	225	142	158	37.95	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	97	113	106	7.95	cps
Phosphorus	31-2	8	33	0	14	124.92	cps
Potassium	39-2	6135	5551	5943	5876	5.06	cps
Rhodium	103-1	3916952	3877350	3869302	3887868	0.66	cps
Rhodium	103-2	1555314	1559673	1555230	1556739	0.16	cps
Scandium	45-1	3184165	3149839	3209517	3181174	0.94	cps
Scandium	45-2	45260	44851	45019	45043	0.46	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-12	-95	-154	-87	-82.13	cps
Silicon	28-1	281388	277991	279606	279661	0.61	cps
Silver	109-1	358	308	317	328	8.17	cps
Silver	107-1	367	283	358	336	13.66	cps
Sodium	23-2	14216	13782	13991	13996	1.55	cps
Strontium	86-1	900	842	833	858	4.23	cps
Strontium	88-1	892	958	1058	970	8.65	cps
Sulfur	34-1	377054	379240	378420	378238	0.29	cps
Terbium	159-1	3988740	3957746	3989918	3978801	0.46	cps
Terbium	159-2	1384216	1379652	1362775	1375548	0.82	cps
Thallium	203-1	108	150	125	128	16.41	cps
Thallium	205-1	283	233	333	283	17.65	cps
Tin	118-1	358	367	392	372	4.66	cps
Titanium	47-1	225	250	242	239	5.33	cps
Uranium	238-1	25	33	25	28	17.31	cps
Vanadium	51-2	20	27	27	24	15.75	cps
Yttrium	89-1	4576380	4526231	4524364	4542325	0.65	cps
Yttrium	89-2	248471	247095	245906	247157	0.52	cps
Zinc	66-2	1580	1540	1430	1517	5.12	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220707.2L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-09 16:42:46	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	333	333	322	5.97	cps
Zirconium	91-1	100	100	83	94	10.19	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MS	Instrumnet Name :	P8
Client Sample ID :	381220707.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:55:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12979	13275	13380	13211	1.57	cps
Antimony	121-1	3398090	3351163	3281126	3343460	1.76	cps
Arsenic	75-1	1103044	1085338	1075281	1087887	1.29	cps
Barium	135-1	165871	161802	157569	161747	2.57	cps
Barium	137-1	290685	280338	281669	284231	1.98	cps
Beryllium	9-1	109624	104123	102606	105451	3.50	cps
Bismuth	209-1	2390674	2366205	2380158	2379012	0.52	cps
Bismuth	209-2	988583	987238	978048	984623	0.58	cps
Boron	10-1	21959	22235	21642	21945	1.35	cps
Boron	11-1	116758	112261	113144	114054	2.09	cps
Cadmium	111-1	197929	197687	192100	195905	1.68	cps
Cadmium	106-1	19732	18672	19732	19379	3.16	cps
Cadmium	108-1	13186	12748	13286	13073	2.19	cps
Calcium	43-1	15412	14845	14521	14926	3.02	cps
Calcium	44-1	297021	294515	286697	292744	1.84	cps
Chromium	52-2	319486	317252	315938	317559	0.56	cps
Cobalt	59-2	318586	315010	316221	316605	0.57	cps
Copper	63-2	416204	418858	418354	417805	0.34	cps
Dysprosium	156-1	109287	108212	105961	107820	1.57	cps
Dysprosium	156-2	4327	4211	4134	4224	2.31	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	75	50	67	64	19.92	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	4015675	4071641	4025674	4037663	0.74	cps
Holmium	165-2	1372005	1348141	1346480	1355542	1.05	cps
Indium	115-1	4080171	4106082	4141661	4109304	0.75	cps
Indium	115-2	300876	291787	294504	295723	1.58	cps
Iron	56-2	1711338	1700289	1686778	1699468	0.72	cps
Iron	57-2	42476	41540	40621	41546	2.23	cps
Krypton	83-1	497	527	523	516	3.19	cps
Lead	206-1	1915054	1912007	1866540	1897867	1.43	cps
Lead	207-1	1687682	1673226	1590069	1650326	3.19	cps
Lead	208-1	7662545	7669926	7412976	7581816	1.93	cps
Lithium	6-1	418630	417185	419497	418438	0.28	cps
Magnesium	24-2	64422	64188	64046	64219	0.30	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MS	Instrumnet Name :	P8
Client Sample ID :	381220707.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:55:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48862	47799	47357	48006	1.61	cps
Molybdenum	94-1	460919	454414	446529	453954	1.59	cps
Molybdenum	95-1	812441	790589	791005	798012	1.57	cps
Molybdenum	96-1	859535	840255	833117	844302	1.62	cps
Molybdenum	97-1	496031	489989	483437	489819	1.29	cps
Molybdenum	98-1	1291844	1254242	1246054	1264047	1.93	cps
Neodymium	150-1	27	40	13	27	50.01	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	235101	235955	232075	234377	0.87	cps
Phosphorus	31-2	3201	3292	3376	3289	2.66	cps
Potassium	39-2	190787	190277	190859	190641	0.17	cps
Rhodium	103-1	4158084	4056771	4173522	4129459	1.54	cps
Rhodium	103-2	1610475	1588452	1586223	1595050	0.84	cps
Scandium	45-1	3352158	3310232	3302233	3321541	0.81	cps
Scandium	45-2	45079	43491	43200	43923	2.30	cps
Selenium	77-2	1553	1547	1523	1541	1.02	cps
Selenium	78-2	5375	5318	5307	5333	0.69	cps
Selenium	82-1	149451	145903	144573	146642	1.72	cps
Silicon	28-1	2381772	2276116	2289770	2315886	2.48	cps
Silver	109-1	346703	342721	332875	340766	2.09	cps
Silver	107-1	363875	352163	352416	356151	1.88	cps
Sodium	23-2	230608	231393	227237	229746	0.96	cps
Strontium	86-1	255915	252030	250927	252957	1.04	cps
Strontium	88-1	2234382	2168532	2183418	2195444	1.57	cps
Sulfur	34-1	302230	293297	285149	293559	2.91	cps
Terbium	159-1	4371681	4373841	4360348	4368623	0.17	cps
Terbium	159-2	1406431	1390217	1386510	1394386	0.76	cps
Thallium	203-1	4819933	4729482	4657811	4735742	1.72	cps
Thallium	205-1	11144458	10938658	10781935	10955017	1.66	cps
Tin	118-1	2010718	1966780	1933499	1970332	1.97	cps
Titanium	47-1	131589	126299	125871	127920	2.49	cps
Uranium	238-1	50	8	25	28	75.51	cps
Vanadium	51-2	172890	170916	172460	172088	0.60	cps
Yttrium	89-1	4864423	4874285	4840846	4859852	0.35	cps
Yttrium	89-2	252116	245566	244018	247234	1.74	cps
Zinc	66-2	32626	32899	32869	32798	0.46	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MS	Instrumnet Name :	P8
Client Sample ID :	381220707.2MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:55:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	775	875	908	853	8.14	cps
Zirconium	91-1	467	450	508	475	6.33	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220707.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:58:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13044	13127	12754	12975	1.51	cps
Antimony	121-1	3333862	3316192	3277060	3309038	0.88	cps
Arsenic	75-1	1087649	1080179	1070357	1079395	0.80	cps
Barium	135-1	162385	162285	160183	161618	0.77	cps
Barium	137-1	285437	281439	282793	283223	0.72	cps
Beryllium	9-1	104486	100300	98880	101222	2.88	cps
Bismuth	209-1	2343599	2346700	2310997	2333765	0.85	cps
Bismuth	209-2	980275	985793	978858	981642	0.37	cps
Boron	10-1	22201	22711	21217	22043	3.45	cps
Boron	11-1	112045	111699	111146	111630	0.41	cps
Cadmium	111-1	198111	198542	193539	196730	1.41	cps
Cadmium	106-1	19198	19231	18730	19053	1.47	cps
Cadmium	108-1	13032	13132	13386	13183	1.39	cps
Calcium	43-1	15002	14971	14094	14689	3.51	cps
Calcium	44-1	289672	285140	279307	284706	1.83	cps
Chromium	52-2	319377	317048	317549	317991	0.39	cps
Cobalt	59-2	318106	319645	318177	318643	0.27	cps
Copper	63-2	417904	418261	415344	417169	0.38	cps
Dysprosium	156-1	108776	107406	106978	107720	0.87	cps
Dysprosium	156-2	4161	4241	4578	4326	5.11	cps
Erbium	164-1	42	8	42	31	62.99	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	50	25	67	47	44.41	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	4054138	4041536	4024612	4040095	0.37	cps
Holmium	165-2	1349049	1362002	1335729	1348927	0.97	cps
Indium	115-1	4034730	4030823	4006485	4024013	0.38	cps
Indium	115-2	293661	294126	290799	292862	0.62	cps
Iron	56-2	1719910	1703500	1686053	1703154	0.99	cps
Iron	57-2	42320	41334	41362	41672	1.35	cps
Krypton	83-1	530	463	510	501	6.83	cps
Lead	206-1	1952887	1887726	1896565	1912392	1.85	cps
Lead	207-1	1658250	1659270	1629332	1648950	1.03	cps
Lead	208-1	7703118	7636423	7567561	7635701	0.89	cps
Lithium	6-1	411106	407021	401528	406552	1.18	cps
Magnesium	24-2	62187	64171	61911	62756	1.96	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220707.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:58:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48136	47822	47337	47765	0.84	cps
Molybdenum	94-1	460123	457069	455479	457557	0.52	cps
Molybdenum	95-1	804390	802805	788255	798483	1.11	cps
Molybdenum	96-1	849015	850093	840688	846598	0.61	cps
Molybdenum	97-1	493361	488433	487868	489887	0.62	cps
Molybdenum	98-1	1269552	1261004	1249069	1259875	0.82	cps
Neodymium	150-1	40	20	13	24	56.78	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	235616	235905	235868	235796	0.07	cps
Phosphorus	31-2	3184	3209	3051	3148	2.70	cps
Potassium	39-2	191757	193074	187609	190814	1.49	cps
Rhodium	103-1	4089182	4116415	4034256	4079951	1.03	cps
Rhodium	103-2	1573919	1594589	1572860	1580456	0.78	cps
Scandium	45-1	3234505	3217211	3164541	3205419	1.14	cps
Scandium	45-2	43932	43798	42608	43446	1.68	cps
Selenium	77-2	1463	1627	1450	1513	6.50	cps
Selenium	78-2	5229	5314	5212	5252	1.04	cps
Selenium	82-1	146570	145334	145397	145767	0.48	cps
Silicon	28-1	2303562	2261477	2244936	2269992	1.33	cps
Silver	109-1	339968	338398	330875	336414	1.44	cps
Silver	107-1	359819	355091	353916	356276	0.88	cps
Sodium	23-2	229522	227074	225750	227449	0.84	cps
Strontium	86-1	251789	252350	250732	251623	0.33	cps
Strontium	88-1	2196679	2183546	2175619	2185281	0.49	cps
Sulfur	34-1	273469	272413	270374	272086	0.58	cps
Terbium	159-1	4328079	4344457	4276969	4316502	0.82	cps
Terbium	159-2	1387672	1381809	1380742	1383408	0.27	cps
Thallium	203-1	4777293	4679696	4753503	4736831	1.07	cps
Thallium	205-1	11018740	10824866	10896717	10913441	0.90	cps
Tin	118-1	1976859	1961803	1948629	1962430	0.72	cps
Titanium	47-1	126822	125298	124400	125507	0.98	cps
Uranium	238-1	58	0	17	25	120.18	cps
Vanadium	51-2	172717	172670	172782	172723	0.03	cps
Yttrium	89-1	4805866	4896133	4828099	4843366	0.97	cps
Yttrium	89-2	248603	244485	242757	245282	1.22	cps
Zinc	66-2	32775	32956	32461	32731	0.76	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220707.2MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 16:58:52	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	850	1042	917	936	10.40	cps
Zirconium	91-1	550	517	550	539	3.57	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01A	Instrumnet Name :	P8
Client Sample ID :	381220707.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:02:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12744	12854	12636	12745	0.85	cps
Antimony	121-1	3353993	3279647	3250676	3294772	1.62	cps
Arsenic	75-1	1067813	1052832	1046135	1055593	1.05	cps
Barium	135-1	162882	161050	161112	161681	0.64	cps
Barium	137-1	285557	285701	279968	283742	1.15	cps
Beryllium	9-1	101807	100944	97850	100200	2.08	cps
Bismuth	209-1	2389395	2367492	2362319	2373069	0.61	cps
Bismuth	209-2	970256	968109	967026	968464	0.17	cps
Boron	10-1	20466	21408	21066	20980	2.28	cps
Boron	11-1	111036	111078	106838	109651	2.22	cps
Cadmium	111-1	197010	193424	194560	194998	0.94	cps
Cadmium	106-1	18322	18864	17996	18394	2.38	cps
Cadmium	108-1	13282	12998	12448	12909	3.29	cps
Calcium	43-1	15135	14418	13960	14504	4.08	cps
Calcium	44-1	283981	281541	278114	281212	1.05	cps
Chromium	52-2	313979	311199	310557	311912	0.58	cps
Cobalt	59-2	316602	315146	313764	315171	0.45	cps
Copper	63-2	412489	412462	410522	411825	0.27	cps
Dysprosium	156-1	104112	105675	103080	104289	1.25	cps
Dysprosium	156-2	3944	4054	4367	4122	5.33	cps
Erbium	164-1	58	17	8	28	96.44	cps
Erbium	164-2	20	7	17	14	48.02	cps
Gadolinium	160-1	108	67	42	72	46.63	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	4106997	4060406	4019383	4062262	1.08	cps
Holmium	165-2	1347945	1347886	1332724	1342852	0.65	cps
Indium	115-1	4146645	4043359	4072991	4087665	1.30	cps
Indium	115-2	294407	287275	285962	289215	1.57	cps
Iron	56-2	1676361	1678017	1658583	1670987	0.64	cps
Iron	57-2	41574	40432	40136	40714	1.86	cps
Krypton	83-1	490	550	557	532	6.90	cps
Lead	206-1	1915425	1950505	1875518	1913816	1.96	cps
Lead	207-1	1657589	1661545	1616295	1645143	1.52	cps
Lead	208-1	7654115	7659359	7479022	7597499	1.35	cps
Lithium	6-1	406149	402883	403466	404166	0.43	cps
Magnesium	24-2	61928	62630	59551	61369	2.63	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01A	Instrumnet Name :	P8
Client Sample ID :	381220707.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:02:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47009	46330	46946	46762	0.80	cps
Molybdenum	94-1	457552	447506	447665	450908	1.28	cps
Molybdenum	95-1	794800	784368	784281	787816	0.77	cps
Molybdenum	96-1	849650	828843	824805	834433	1.60	cps
Molybdenum	97-1	494343	477101	481050	484164	1.87	cps
Molybdenum	98-1	1272744	1240071	1241342	1251386	1.48	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	234655	231008	230757	232140	0.94	cps
Phosphorus	31-2	3176	3000	3326	3167	5.14	cps
Potassium	39-2	189242	188277	186279	187933	0.80	cps
Rhodium	103-1	4243802	4103054	4083075	4143311	2.11	cps
Rhodium	103-2	1587524	1586897	1576735	1583719	0.38	cps
Scandium	45-1	3228447	3193130	3126470	3182682	1.63	cps
Scandium	45-2	43571	43454	42384	43136	1.52	cps
Selenium	77-2	1543	1487	1397	1476	5.01	cps
Selenium	78-2	5308	5290	5138	5245	1.78	cps
Selenium	82-1	147276	144370	141773	144473	1.91	cps
Silicon	28-1	2274391	2235235	2180456	2230027	2.12	cps
Silver	109-1	337703	333142	331447	334097	0.97	cps
Silver	107-1	354442	352047	347423	351304	1.02	cps
Sodium	23-2	226788	222082	224130	224334	1.05	cps
Strontium	86-1	253054	248244	245743	249014	1.49	cps
Strontium	88-1	2180241	2155685	2123131	2153019	1.33	cps
Sulfur	34-1	270647	263618	258701	264322	2.27	cps
Terbium	159-1	4345602	4299353	4310664	4318540	0.56	cps
Terbium	159-2	1382428	1367756	1370668	1373618	0.57	cps
Thallium	203-1	4779717	4765831	4681243	4742264	1.12	cps
Thallium	205-1	10931980	10987137	10923495	10947538	0.32	cps
Tin	118-1	1987311	1961082	1954882	1967758	0.87	cps
Titanium	47-1	125936	123937	122903	124258	1.24	cps
Uranium	238-1	58	42	17	39	53.93	cps
Vanadium	51-2	169343	169013	167521	168626	0.58	cps
Yttrium	89-1	4812457	4820155	4735174	4789262	0.98	cps
Yttrium	89-2	245658	242755	240811	243075	1.00	cps
Zinc	66-2	32294	31436	31997	31909	1.37	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-01A	Instrumnet Name :	P8
Client Sample ID :	381220707.2A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:02:15	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1008	983	892	961	6.39	cps
Zirconium	91-1	575	575	558	569	1.69	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : K1092-02 Instrumnet Name : P8
 Client Sample ID : 381227091.2 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 17:05:39 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328	358	365	350	5.67	cps
Antimony	121-1	2117	2259	2242	2206	3.51	cps
Arsenic	75-1	2383	3285	2802	2823	15.97	cps
Barium	135-1	342	417	383	381	9.87	cps
Barium	137-1	783	617	608	669	14.75	cps
Beryllium	9-1	53	47	43	48	10.66	cps
Bismuth	209-1	2328663	2313600	2261942	2301402	1.52	cps
Bismuth	209-2	930632	924661	939307	931534	0.79	cps
Boron	10-1	875	992	842	903	8.72	cps
Boron	11-1	4426	4284	3767	4159	8.33	cps
Cadmium	111-1	813	921	655	796	16.81	cps
Cadmium	106-1	1150	1275	908	1111	16.78	cps
Cadmium	108-1	25	13	8	15	56.79	cps
Calcium	43-1	1740	1687	1473	1633	8.64	cps
Calcium	44-1	77589	75642	77200	76810	1.34	cps
Chromium	52-2	2134	1954	1914	2000	5.86	cps
Cobalt	59-2	103	50	97	83	34.87	cps
Copper	63-2	1160	1317	1293	1257	6.73	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	58	33	33	42	34.65	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	4019613	3998916	3990459	4002996	0.37	cps
Holmium	165-2	1319670	1309036	1341259	1323321	1.24	cps
Indium	115-1	4082325	4024537	4037940	4048267	0.75	cps
Indium	115-2	289193	284315	289039	287516	0.96	cps
Iron	56-2	6163	5551	5818	5844	5.24	cps
Iron	57-2	139	161	133	144	10.18	cps
Krypton	83-1	550	547	590	562	4.29	cps
Lead	206-1	728	622	706	685	8.12	cps
Lead	207-1	683	611	633	643	5.76	cps
Lead	208-1	2884	2617	2611	2704	5.76	cps
Lithium	6-1	402050	393051	392195	395765	1.38	cps
Magnesium	24-2	3451	3684	3442	3526	3.89	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-02	Instrumnet Name :	P8
Client Sample ID :	381227091.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:05:39	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	167	157	146	19.47	cps
Molybdenum	94-1	317	375	325	339	9.31	cps
Molybdenum	95-1	225	208	117	183	31.82	cps
Molybdenum	96-1	283	308	283	292	4.95	cps
Molybdenum	97-1	317	350	417	361	14.10	cps
Molybdenum	98-1	383	200	450	344	37.59	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	420	327	310	352	16.83	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	5118	5426	5651	5398	4.96	cps
Rhodium	103-1	4085518	4047909	4010541	4047989	0.93	cps
Rhodium	103-2	1540884	1556685	1559230	1552266	0.64	cps
Scandium	45-1	3194604	3135299	3090229	3140044	1.67	cps
Scandium	45-2	42247	42233	42889	42456	0.88	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-146	-113	-180	-147	-22.78	cps
Silicon	28-1	230107	230085	224365	228186	1.45	cps
Silver	109-1	458	433	342	411	14.94	cps
Silver	107-1	708	442	442	531	29.02	cps
Sodium	23-2	17662	17770	19105	18179	4.42	cps
Strontium	86-1	925	967	892	928	4.05	cps
Strontium	88-1	2400	2434	2084	2306	8.38	cps
Sulfur	34-1	264627	269033	266180	266613	0.84	cps
Terbium	159-1	4360229	4283592	4253785	4299202	1.28	cps
Terbium	159-2	1342982	1325596	1361222	1343267	1.33	cps
Thallium	203-1	750	692	600	681	11.11	cps
Thallium	205-1	1709	1717	1367	1597	12.51	cps
Tin	118-1	983	1150	1067	1067	7.81	cps
Titanium	47-1	275	267	225	256	10.48	cps
Uranium	238-1	33	42	67	47	36.74	cps
Vanadium	51-2	40	30	37	36	14.32	cps
Yttrium	89-1	4760826	4729334	4691152	4727104	0.74	cps
Yttrium	89-2	238101	238047	239566	238571	0.36	cps
Zinc	66-2	2880	3007	2950	2946	2.15	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-02	Instrumnet Name :	P8
Client Sample ID :	381227091.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:05:39	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	350	392	492	411	17.71	cps
Zirconium	91-1	42	108	75	75	44.44	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:09:06	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400922	399130	405102	401718	0.76	cps
Antimony	121-1	2192815	2173391	2221155	2195787	1.09	cps
Arsenic	75-1	738956	737928	746979	741288	0.67	cps
Barium	135-1	2158821	2210153	2185421	2184798	1.17	cps
Barium	137-1	3751197	3726805	3757781	3745261	0.44	cps
Beryllium	9-1	302941	307363	313740	308015	1.76	cps
Bismuth	209-1	2248137	2271300	2253277	2257571	0.54	cps
Bismuth	209-2	1009027	998343	1006184	1004518	0.55	cps
Boron	10-1	41795	43944	44211	43317	3.06	cps
Boron	11-1	219091	225996	233389	226159	3.16	cps
Cadmium	111-1	490651	497917	493479	494016	0.74	cps
Cadmium	106-1	53281	53147	53189	53206	0.13	cps
Cadmium	108-1	36128	34996	36524	35883	2.21	cps
Calcium	43-1	3273773	3322890	3356750	3317804	1.26	cps
Calcium	44-1	53210461	53287158	54284994	53594204	1.12	cps
Chromium	52-2	439757	438749	438388	438965	0.16	cps
Cobalt	59-2	848819	844190	847909	846973	0.29	cps
Copper	63-2	1378972	1384351	1377676	1380333	0.26	cps
Dysprosium	156-1	42	58	33	44	28.65	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	27	0	23	17	87.18	cps
Holmium	165-1	3984924	4048056	4020302	4017761	0.79	cps
Holmium	165-2	1448583	1450739	1475585	1458302	1.03	cps
Indium	115-1	3779385	3881220	3815202	3825269	1.35	cps
Indium	115-2	296471	295261	299809	297180	0.79	cps
Iron	56-2	74776793	74035718	74704921	74505811	0.55	cps
Iron	57-2	1935289	1904337	1925267	1921631	0.82	cps
Krypton	83-1	560	543	537	547	2.20	cps
Lead	206-1	947948	956395	965995	956779	0.94	cps
Lead	207-1	850828	858817	860860	856835	0.62	cps
Lead	208-1	3911466	3945130	3967400	3941332	0.71	cps
Lithium	6-1	406361	418045	431811	418739	3.04	cps
Magnesium	24-2	8571384	8616848	8626225	8604819	0.34	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:09:06	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	269791	268012	271792	269865	0.70	cps
Molybdenum	94-1	4297980	4259499	4296117	4284532	0.51	cps
Molybdenum	95-1	5237968	5274763	5298515	5270415	0.58	cps
Molybdenum	96-1	5783812	5815670	5850957	5816813	0.58	cps
Molybdenum	97-1	3187212	3222804	3219326	3209781	0.61	cps
Molybdenum	98-1	8243203	8220461	8416744	8293470	1.29	cps
Neodymium	150-1	160	160	107	142	21.65	cps
Neodymium	150-2	17	13	20	17	20.01	cps
Nickel	60-2	246592	247310	246641	246848	0.16	cps
Phosphorus	31-2	6410	5993	6443	6282	3.99	cps
Potassium	39-2	2601863	2586235	2612150	2600083	0.50	cps
Rhodium	103-1	3790536	3829689	3824481	3814902	0.56	cps
Rhodium	103-2	1537839	1546139	1535781	1539920	0.36	cps
Scandium	45-1	3190554	3260281	3307952	3252929	1.82	cps
Scandium	45-2	45758	45376	45256	45463	0.58	cps
Selenium	77-2	400	387	440	409	6.79	cps
Selenium	78-2	1417	1415	1500	1444	3.37	cps
Selenium	82-1	37049	36780	37186	37005	0.56	cps
Silicon	28-1	1644608	1715834	1747177	1702540	3.09	cps
Silver	109-1	2347599	2330563	2341939	2340034	0.37	cps
Silver	107-1	2448184	2445301	2469702	2454396	0.54	cps
Sodium	23-2	19330313	19336346	19454100	19373587	0.36	cps
Strontium	86-1	661067	662602	667885	663851	0.54	cps
Strontium	88-1	5619439	5685715	5705599	5670251	0.80	cps
Sulfur	34-1	588349	603384	609996	600576	1.85	cps
Terbium	159-1	4216104	4309778	4273361	4266414	1.11	cps
Terbium	159-2	1479205	1471341	1483650	1478065	0.42	cps
Thallium	203-1	1172764	1192014	1199637	1188138	1.17	cps
Thallium	205-1	2852166	2936393	2917604	2902054	1.52	cps
Tin	118-1	1474953	1506926	1521362	1501081	1.58	cps
Titanium	47-1	1732258	1741604	1773928	1749263	1.25	cps
Uranium	238-1	3580958	3587601	3612841	3593800	0.47	cps
Vanadium	51-2	321215	322073	322844	322044	0.25	cps
Yttrium	89-1	4688544	4746834	4747348	4727575	0.72	cps
Yttrium	89-2	255145	255939	258883	256656	0.77	cps
Zinc	66-2	148701	150129	149115	149315	0.49	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:09:06	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3584501	3619688	3635397	3613195	0.72	cps
Zirconium	91-1	785719	790624	790546	788963	0.36	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:13:22	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	43	55	58	28.51	cps
Antimony	121-1	1250	1442	1583	1425	11.74	cps
Arsenic	75-1	607	566	751	641	15.12	cps
Barium	135-1	42	17	50	36	48.03	cps
Barium	137-1	67	42	25	44	47.19	cps
Beryllium	9-1	83	63	50	66	25.60	cps
Bismuth	209-1	2253660	2233850	2243332	2243614	0.44	cps
Bismuth	209-2	1004919	1006660	993719	1001766	0.70	cps
Boron	10-1	692	692	583	656	9.54	cps
Boron	11-1	4051	3484	3326	3620	10.53	cps
Cadmium	111-1	850	831	794	825	3.47	cps
Cadmium	106-1	1217	1192	1108	1172	4.84	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	347	357	480	394	18.83	cps
Calcium	44-1	69240	70623	70995	70286	1.32	cps
Chromium	52-2	1697	1833	1797	1776	3.98	cps
Cobalt	59-2	90	87	100	92	7.52	cps
Copper	63-2	313	313	290	306	4.41	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	25	8	58	31	83.33	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	3892147	3920447	3873003	3895199	0.61	cps
Holmium	165-2	1393403	1390654	1381039	1388365	0.47	cps
Indium	115-1	3898050	3877887	3860317	3878752	0.49	cps
Indium	115-2	304397	301156	298949	301501	0.91	cps
Iron	56-2	4240	4167	4323	4243	1.84	cps
Iron	57-2	94	128	144	122	20.83	cps
Krypton	83-1	617	557	563	579	5.68	cps
Lead	206-1	989	967	1050	1002	4.31	cps
Lead	207-1	844	789	883	839	5.66	cps
Lead	208-1	3845	3711	3873	3810	2.26	cps
Lithium	6-1	408781	409526	407333	408546	0.27	cps
Magnesium	24-2	450	467	392	436	9.03	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:13:22	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	67	70	74	14.39	cps
Molybdenum	94-1	417	442	383	414	7.07	cps
Molybdenum	95-1	325	383	183	297	34.61	cps
Molybdenum	96-1	392	433	417	414	5.07	cps
Molybdenum	97-1	350	442	258	350	26.19	cps
Molybdenum	98-1	625	433	450	503	21.12	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	120	53	107	93	37.80	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	5735	6418	5460	5871	8.41	cps
Rhodium	103-1	3946054	3974216	3932317	3950862	0.54	cps
Rhodium	103-2	1613310	1580702	1606381	1600131	1.07	cps
Scandium	45-1	3234421	3237344	3244588	3238784	0.16	cps
Scandium	45-2	44641	44541	45557	44913	1.25	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-160	-80	-97	-112	-37.50	cps
Silicon	28-1	296169	292740	288434	292447	1.33	cps
Silver	109-1	308	258	242	269	12.88	cps
Silver	107-1	292	333	200	275	24.80	cps
Sodium	23-2	16218	15384	15734	15779	2.65	cps
Strontium	86-1	575	733	842	717	18.71	cps
Strontium	88-1	117	75	108	100	22.05	cps
Sulfur	34-1	395054	394442	391889	393795	0.43	cps
Terbium	159-1	4126070	4140547	4212517	4159711	1.11	cps
Terbium	159-2	1415815	1430253	1418000	1421356	0.55	cps
Thallium	203-1	517	483	325	442	23.19	cps
Thallium	205-1	1000	1033	933	989	5.15	cps
Tin	118-1	325	425	400	383	13.58	cps
Titanium	47-1	233	158	92	161	43.99	cps
Uranium	238-1	100	33	33	56	69.28	cps
Vanadium	51-2	20	23	47	30	48.44	cps
Yttrium	89-1	4652328	4641350	4594720	4629466	0.66	cps
Yttrium	89-2	252476	251036	249314	250942	0.63	cps
Zinc	66-2	137	137	147	140	4.12	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:13:22	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	583	433	458	25.00	cps
Zirconium	91-1	100	100	100	100	0.01	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-03	Instrumnet Name :	P8
Client Sample ID :	381227092.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:16:49	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	485	485	480	483	0.60	cps
Antimony	121-1	1117	1225	950	1097	12.63	cps
Arsenic	75-1	3429	3459	3660	3516	3.56	cps
Barium	135-1	958	1075	933	989	7.65	cps
Barium	137-1	2050	1675	1942	1889	10.22	cps
Beryllium	9-1	53	33	40	42	24.12	cps
Bismuth	209-1	2113130	2279182	2274569	2222293	4.26	cps
Bismuth	209-2	952844	944576	931605	943008	1.14	cps
Boron	10-1	1300	1200	1092	1197	8.70	cps
Boron	11-1	5543	5676	5651	5624	1.26	cps
Cadmium	111-1	736	791	740	756	4.04	cps
Cadmium	106-1	1025	1117	1058	1067	4.35	cps
Cadmium	108-1	33	17	13	21	52.90	cps
Calcium	43-1	2557	2437	2300	2431	5.28	cps
Calcium	44-1	96585	93176	92059	93940	2.51	cps
Chromium	52-2	1750	1767	1877	1798	3.83	cps
Cobalt	59-2	87	83	63	78	16.23	cps
Copper	63-2	1420	1507	1330	1419	6.23	cps
Dysprosium	156-1	42	8	25	25	66.68	cps
Dysprosium	156-2	0	13	0	4	173.21	cps
Erbium	164-1	17	58	25	33	66.14	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	3612064	4050298	4006114	3889492	6.20	cps
Holmium	165-2	1334946	1326807	1313731	1325161	0.81	cps
Indium	115-1	3677738	4048873	4082730	3936447	5.71	cps
Indium	115-2	293516	293957	290065	292513	0.73	cps
Iron	56-2	5529	5473	5729	5577	2.41	cps
Iron	57-2	89	178	150	139	32.74	cps
Krypton	83-1	460	577	513	517	11.30	cps
Lead	206-1	900	844	756	833	8.74	cps
Lead	207-1	750	756	639	715	9.21	cps
Lead	208-1	3239	3289	3056	3195	3.85	cps
Lithium	6-1	365247	378707	381013	374989	2.27	cps
Magnesium	24-2	2484	2409	2417	2436	1.69	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-03	Instrumnet Name :	P8
Client Sample ID :	381227092.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:16:49	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	113	103	111	6.24	cps
Molybdenum	94-1	283	317	275	292	7.56	cps
Molybdenum	95-1	92	92	75	86	11.18	cps
Molybdenum	96-1	192	133	150	158	18.98	cps
Molybdenum	97-1	408	217	408	344	32.13	cps
Molybdenum	98-1	175	175	208	186	10.34	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	113	80	77	90	22.53	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	5685	5493	5543	5574	1.78	cps
Rhodium	103-1	3765881	4055456	4121780	3981039	4.75	cps
Rhodium	103-2	1575018	1559456	1572552	1569008	0.53	cps
Scandium	45-1	2937844	3248300	3220744	3135629	5.48	cps
Scandium	45-2	43564	42859	42197	42873	1.59	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-59	-166	-91	-105	-52.08	cps
Silicon	28-1	244837	237082	231959	237959	2.72	cps
Silver	109-1	950	892	892	911	3.70	cps
Silver	107-1	1050	933	992	992	5.88	cps
Sodium	23-2	21534	21100	21442	21358	1.07	cps
Strontium	86-1	1734	1542	1484	1586	8.25	cps
Strontium	88-1	7252	7377	6869	7166	3.70	cps
Sulfur	34-1	352940	346841	338420	346067	2.11	cps
Terbium	159-1	3913107	4318291	4233033	4154810	5.14	cps
Terbium	159-2	1358515	1361969	1340794	1353759	0.84	cps
Thallium	203-1	767	742	583	697	14.26	cps
Thallium	205-1	1875	1884	1575	1778	9.88	cps
Tin	118-1	875	1000	867	914	8.17	cps
Titanium	47-1	292	292	383	322	16.43	cps
Uranium	238-1	42	42	33	39	12.38	cps
Vanadium	51-2	43	50	37	43	15.38	cps
Yttrium	89-1	4354640	4761340	4748791	4621590	5.00	cps
Yttrium	89-2	243300	242530	237191	241007	1.38	cps
Zinc	66-2	12859	12993	12222	12692	3.25	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	K1092-03	Instrumnet Name :	P8
Client Sample ID :	381227092.2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:16:49	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	417	350	458	408	13.38	cps
Zirconium	91-1	75	142	58	92	48.10	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:23:17	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	412074	414194	414576	413615	0.33	cps
Antimony	121-1	2244621	2237555	2232549	2238242	0.27	cps
Arsenic	75-1	755537	744981	754481	751666	0.77	cps
Barium	135-1	2178060	2216632	2200045	2198246	0.88	cps
Barium	137-1	3766479	3824227	3818514	3803073	0.84	cps
Beryllium	9-1	334665	331659	336352	334225	0.71	cps
Bismuth	209-1	2300085	2302356	2288325	2296922	0.33	cps
Bismuth	209-2	1040985	1035283	1033123	1036463	0.39	cps
Boron	10-1	47547	49243	49687	48826	2.31	cps
Boron	11-1	237547	242835	249295	243225	2.42	cps
Cadmium	111-1	502542	500088	495823	499484	0.68	cps
Cadmium	106-1	53415	52428	52369	52737	1.11	cps
Cadmium	108-1	36040	35752	35768	35853	0.45	cps
Calcium	43-1	3429221	3407841	3429681	3422248	0.36	cps
Calcium	44-1	55122934	55529266	55006304	55219501	0.50	cps
Chromium	52-2	446519	443971	446721	445737	0.34	cps
Cobalt	59-2	852428	850711	859744	854294	0.56	cps
Copper	63-2	1403221	1381346	1393782	1392783	0.79	cps
Dysprosium	156-1	58	42	83	61	34.32	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	0	33	17	17	99.99	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	42	58	50	50	16.67	cps
Gadolinium	160-2	20	27	17	21	24.12	cps
Holmium	165-1	4076498	4102468	4071565	4083510	0.41	cps
Holmium	165-2	1508229	1483199	1491668	1494365	0.85	cps
Indium	115-1	3870365	3893876	3875067	3879770	0.32	cps
Indium	115-2	302529	305912	307404	305282	0.82	cps
Iron	56-2	76195296	75850593	75719274	75921721	0.32	cps
Iron	57-2	1959886	1926946	1950810	1945881	0.87	cps
Krypton	83-1	493	543	547	528	5.66	cps
Lead	206-1	969402	962794	966346	966181	0.34	cps
Lead	207-1	867793	864097	865219	865703	0.22	cps
Lead	208-1	4001080	3999319	4026558	4008986	0.38	cps
Lithium	6-1	445631	457830	456454	453305	1.47	cps
Magnesium	24-2	8751327	8757040	8731274	8746547	0.15	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:23:17	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	275291	272633	275887	274604	0.63	cps
Molybdenum	94-1	4285159	4371753	4348843	4335252	1.03	cps
Molybdenum	95-1	5315285	5307483	5298989	5307253	0.15	cps
Molybdenum	96-1	5849347	5882179	5853054	5861526	0.31	cps
Molybdenum	97-1	3225961	3253301	3250407	3243223	0.46	cps
Molybdenum	98-1	8354929	8369806	8301740	8342158	0.43	cps
Neodymium	150-1	160	80	113	118	34.12	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	247853	249178	249347	248792	0.33	cps
Phosphorus	31-2	6385	6535	6769	6563	2.94	cps
Potassium	39-2	2646946	2693026	2662050	2667341	0.88	cps
Rhodium	103-1	3885178	3896253	3795034	3858822	1.44	cps
Rhodium	103-2	1565230	1552597	1567911	1561913	0.52	cps
Scandium	45-1	3321798	3392254	3403905	3372652	1.32	cps
Scandium	45-2	46871	46460	47192	46841	0.78	cps
Selenium	77-2	467	430	480	459	5.64	cps
Selenium	78-2	1461	1530	1483	1491	2.34	cps
Selenium	82-1	37575	37838	37269	37561	0.76	cps
Silicon	28-1	1769101	1834517	1831725	1811781	2.04	cps
Silver	109-1	2388092	2364579	2394150	2382274	0.66	cps
Silver	107-1	2467374	2498205	2462609	2476063	0.78	cps
Sodium	23-2	19789431	19845836	19723254	19786173	0.31	cps
Strontium	86-1	672622	671999	668622	671081	0.32	cps
Strontium	88-1	5730819	5728285	5758552	5739219	0.29	cps
Sulfur	34-1	643336	642648	642221	642735	0.09	cps
Terbium	159-1	4365145	4383262	4333664	4360690	0.58	cps
Terbium	159-2	1508192	1508421	1517469	1511361	0.35	cps
Thallium	203-1	1207423	1197863	1202184	1202490	0.40	cps
Thallium	205-1	2942091	2901693	2959752	2934512	1.01	cps
Tin	118-1	1500557	1517014	1534630	1517400	1.12	cps
Titanium	47-1	1803005	1773703	1802348	1793019	0.93	cps
Uranium	238-1	3711488	3657532	3687626	3685548	0.73	cps
Vanadium	51-2	328493	328376	329298	328722	0.15	cps
Yttrium	89-1	4698237	4738929	4770668	4735945	0.77	cps
Yttrium	89-2	261937	261370	263809	262372	0.49	cps
Zinc	66-2	150472	152201	152440	151704	0.71	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-01-09 17:23:17	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3662331	3617899	3602470	3627567	0.86	cps
Zirconium	91-1	797898	799265	800607	799257	0.17	cps

LB Number : LB100227 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-09 17:28:36 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	43	68	51	28.40	cps
Antimony	121-1	900	967	1133	1000	12.02	cps
Arsenic	75-1	652	631	707	663	5.96	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	42	83	50	58	37.80	cps
Beryllium	9-1	67	67	83	72	13.33	cps
Bismuth	209-1	2300943	2260724	2290692	2284120	0.91	cps
Bismuth	209-2	1034843	1029261	1017422	1027176	0.87	cps
Boron	10-1	592	542	458	531	12.70	cps
Boron	11-1	2484	2642	2450	2525	4.06	cps
Cadmium	111-1	791	758	681	744	7.59	cps
Cadmium	106-1	1125	1092	942	1053	9.28	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Calcium	43-1	410	420	333	388	12.23	cps
Calcium	44-1	70881	71035	71186	71034	0.21	cps
Chromium	52-2	1683	1733	1780	1732	2.79	cps
Cobalt	59-2	97	103	123	108	12.88	cps
Copper	63-2	243	257	267	256	4.58	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	17	0	19	107.85	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	67	17	17	33	86.59	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	3902944	3878538	3884467	3888650	0.33	cps
Holmium	165-2	1425736	1422181	1424583	1424167	0.13	cps
Indium	115-1	3878498	3932812	3912825	3908045	0.70	cps
Indium	115-2	306545	308000	306973	307173	0.24	cps
Iron	56-2	4023	3901	4017	3980	1.73	cps
Iron	57-2	128	94	144	122	20.83	cps
Krypton	83-1	517	623	533	558	10.29	cps
Lead	206-1	767	778	706	750	5.19	cps
Lead	207-1	711	633	706	683	6.35	cps
Lead	208-1	3061	3028	3039	3043	0.56	cps
Lithium	6-1	435243	430379	438420	434681	0.93	cps
Magnesium	24-2	442	317	300	353	21.95	cps

LB Number :	LB100227	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	77	90	82	8.44	cps
Molybdenum	94-1	267	308	308	294	8.17	cps
Molybdenum	95-1	283	192	275	250	20.28	cps
Molybdenum	96-1	342	375	325	347	7.33	cps
Molybdenum	97-1	358	417	308	361	15.02	cps
Molybdenum	98-1	400	342	342	361	9.33	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	67	90	82	16.38	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	6468	5643	6010	6040	6.85	cps
Rhodium	103-1	3990802	3979132	4000144	3990026	0.26	cps
Rhodium	103-2	1621831	1610671	1634317	1622273	0.73	cps
Scandium	45-1	3344744	3301928	3309156	3318609	0.69	cps
Scandium	45-2	46370	46092	46122	46195	0.33	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	4	4	5	43.39	cps
Selenium	82-1	-39	-107	-40	-62	-63.50	cps
Silicon	28-1	295973	296529	294399	295634	0.37	cps
Silver	109-1	133	133	125	131	3.68	cps
Silver	107-1	133	158	150	147	8.65	cps
Sodium	23-2	16093	16093	16001	16062	0.33	cps
Strontium	86-1	583	650	750	661	12.69	cps
Strontium	88-1	125	67	58	83	43.59	cps
Sulfur	34-1	411795	414329	413423	413182	0.31	cps
Terbium	159-1	4174922	4182009	4072378	4143103	1.48	cps
Terbium	159-2	1445920	1437512	1454256	1445896	0.58	cps
Thallium	203-1	408	375	450	411	9.14	cps
Thallium	205-1	1025	1142	967	1045	8.53	cps
Tin	118-1	317	325	367	336	7.97	cps
Titanium	47-1	167	150	150	156	6.19	cps
Uranium	238-1	67	33	42	47	36.73	cps
Vanadium	51-2	10	10	23	14	53.28	cps
Yttrium	89-1	4659492	4692714	4591211	4647806	1.11	cps
Yttrium	89-2	257227	256503	255787	256506	0.28	cps
Zinc	66-2	93	137	160	130	26.02	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	517	417	542	492	13.45	cps
Zirconium	91-1	108	100	150	119	22.43	cps