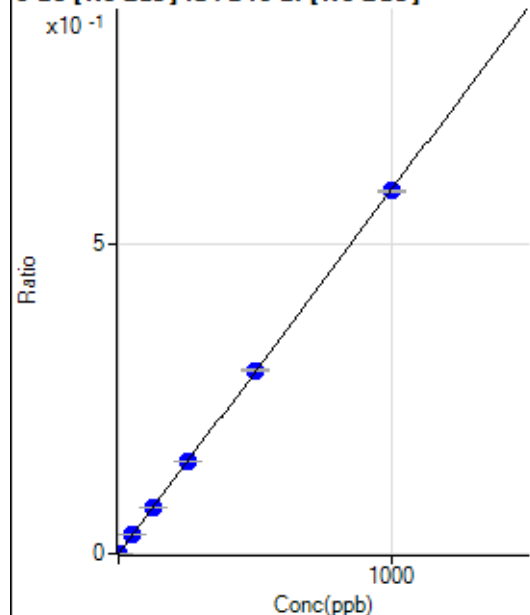


Batch Folder: D:\ICP-MS Data\P7091319-MS.b\
Analysis File: P7091319-MS.batch.bin
DA Date-Time: 2019-09-13 12:43:37
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-09-13 11:39:02
2	003CALS.d	S02	2019-09-13 11:42:37
3	004CALS.d	S03	2019-09-13 11:47:14
4	005CALS.d	S04	2019-09-13 11:51:24
5	006CALS.d	S05	2019-09-13 11:55:14
6	007CALS.d	S06	2019-09-13 11:59:01
7	008CALS.d	S07	2019-09-13 12:02:47
8	009CALS.d	S08	2019-09-13 12:06:35

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0000	P	11.5
2	☐	1.000	0.991	2601.37	0.0006	P	2.3
3	☐	50.000	51.530	130648.09	0.0302	P	1.0
4	☐	125.000	127.364	305310.59	0.0747	P	0.8
5	☐	250.000	253.551	555920.72	0.1486	P	0.6
6	☐	500.000	503.899	1034333.56	0.2954	P	0.5
7	☐	1000.000	996.791	1990008.72	0.5843	P	0.8
8	☐			250.01	0.0001	P	28.7

$$y = 5.8617\text{E-}004 * x + 1.4278\text{E-}005$$

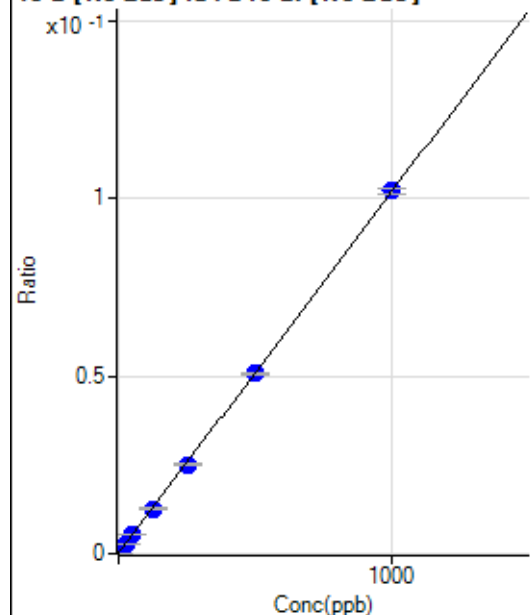
$$R = 1.0000$$

$$DL = 0.008438$$

$$BEC = 0.02436$$

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	794.50	0.0002	P	7.2
2	☐	25.000	23.133	11101.70	0.0025	P	5.3
3	☐	50.000	49.560	22578.69	0.0052	P	1.4
4	☐	125.000	122.737	51739.50	0.0127	P	1.6
5	☐	250.000	244.052	93399.31	0.0250	P	2.2
6	☐	500.000	497.170	177471.34	0.0507	P	1.3
7	☐	1000.000	1003.253	347699.18	0.1021	P	1.4
8	☐			18739.97	0.0051	P	8.0

$$y = 1.0157\text{E-}004 * x + 1.8897\text{E-}004$$

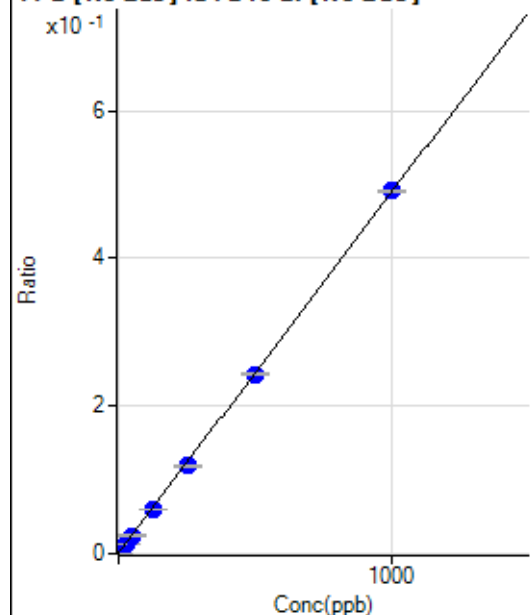
$$R = 1.0000$$

$$DL = 0.3992$$

$$BEC = 1.861$$

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	3406.08	0.0008	P	1.6
2	☐	25.000	23.334	53370.15	0.0122	P	1.2
3	☐	50.000	48.946	106828.50	0.0247	P	1.4
4	☐	125.000	121.834	246546.68	0.0603	P	1.8
5	☐	250.000	241.832	444621.48	0.1189	P	2.0
6	☐	500.000	495.317	849732.36	0.2427	P	1.1
7	☐	1000.000	1004.873	1673954.69	0.4915	P	0.7
8	☐			90623.86	0.0248	P	5.0

$$y = 4.8830E-004 * x + 8.1025E-004$$

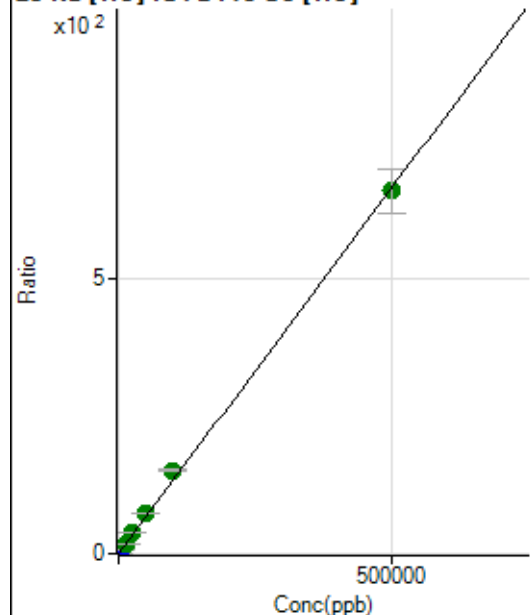
R = 0.9999

DL = 0.07792

BEC = 1.659

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	18612.27	0.0437	P	0.2
2	☐	500.000	550.727	343303.63	0.7773	P	0.2
3	☐	5000.000	5660.176	3244630.28	7.5829	P	0.2
4	☐	12500.000	14117.321	7671800.60	18.8475	A	0.6
5	☐	25000.000	28469.219	13865766.11	37.9638	A	0.7
6	☐	50000.000	56233.283	27004993.66	74.9446	A	0.8
7	☐	100000.00	113945.89	53684803.98	151.8159	A	1.1
8	☐	500000.00	496366.94	291547656.5	661.1881	A	11.9

$$y = 0.0013 * x + 0.0437$$

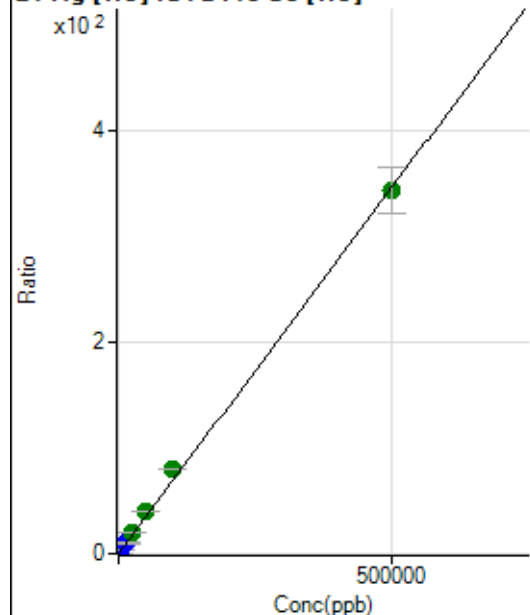
R = 0.9995

DL = 0.232

BEC = 32.82

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	402.80	0.0009	P	18.5
2	☐	500.000	583.209	178195.71	0.4034	P	0.0
3	☐	5000.000	5813.886	1717252.97	4.0134	P	0.6
4	☐	12500.000	14479.701	4068092.15	9.9941	P	0.4
5	☐	25000.000	29018.447	7314932.80	20.0279	A	0.8
6	☐	50000.000	57206.325	14226514.38	39.4817	A	0.8
7	☐	100000.00	115471.92	28181658.62	79.6936	A	0.9
8	☐	500000.00	495926.34	150835786.7	342.2631	A	12.6

$$y = 6.9015\text{E-}004 * x + 9.4597\text{E-}004$$

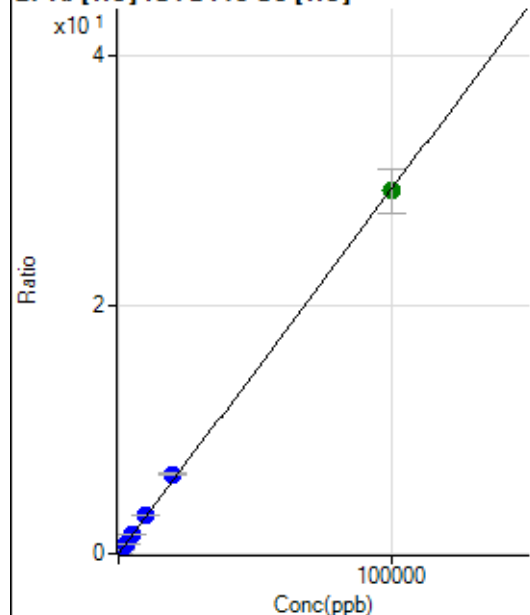
$$R = 0.9994$$

$$DL = 0.7594$$

$$BEC = 1.371$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0001	P	31.7
2	☐	20.000	22.043	2883.76	0.0065	P	6.3
3	☐	1000.000	1105.459	138617.20	0.3240	P	0.2
4	☐	2500.000	2758.042	328959.11	0.8081	P	0.6
5	☐	5000.000	5479.603	586406.17	1.6055	P	0.3
6	☐	10000.000	10735.723	1133430.10	3.1455	P	0.6
7	☐	20000.000	21836.422	2262450.29	6.3979	P	0.8
8	☐	100000.00	99527.657	12857281.10	29.1604	A	11.9

$$y = 2.9299\text{E-}004 * x + 7.1804\text{E-}005$$

$$R = 0.9998$$

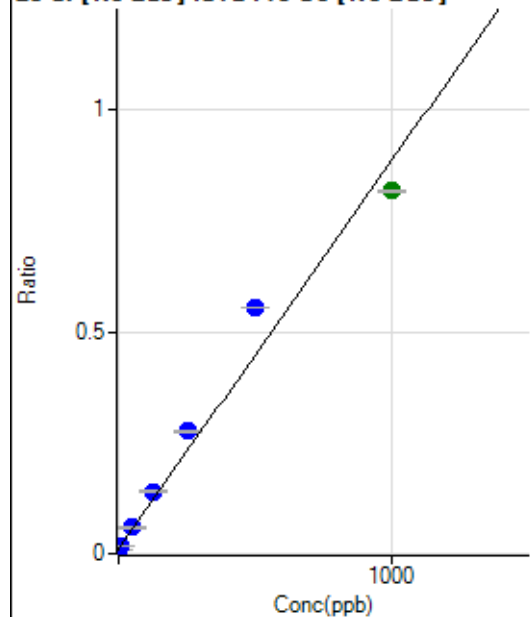
$$DL = 0.2334$$

$$BEC = 0.2451$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	99357.09	0.0108	P	0.6
2	☐	10.000	8.608	178500.18	0.0183	P	0.5
3	☐	50.000	54.685	566312.30	0.0585	P	1.1
4	☐	125.000	147.819	1291030.81	0.1399	P	1.5
5	☐	250.000	302.872	2322395.00	0.2754	P	1.6
6	☐	500.000	622.129	4458784.09	0.5544	P	0.5
7	☐	1000.000	922.645	6496651.75	0.8170	A	0.3
8	☐			459146.06	0.0530	P	0.8

$$y = 8.7383\text{E-}004 * x + 0.0108$$

$$R = 0.9862$$

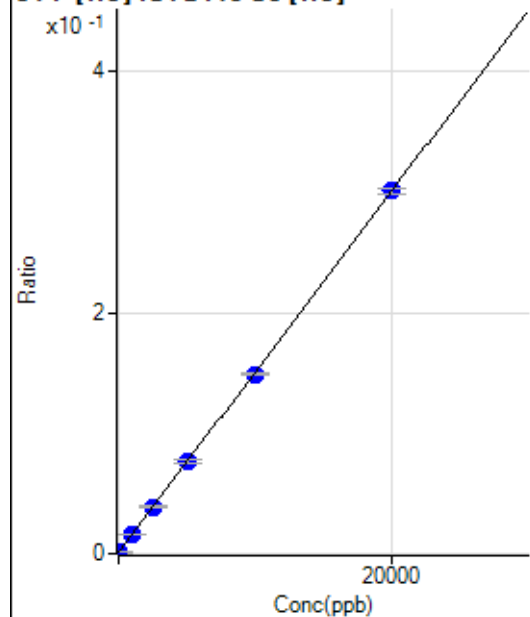
$$DL = 0.2322$$

$$BEC = 12.31$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-32.142	141.68	0.0003	P	48.3
2	☐	0.000	32.142	572.26	0.0013	P	14.4
3	☐	1000.000	1031.339	6957.50	0.0163	P	2.3
4	☐	2500.000	2528.414	15745.01	0.0387	P	2.9
5	☐	5000.000	5067.104	28013.26	0.0767	P	3.2
6	☐	10000.000	9895.845	53692.00	0.1490	P	0.6
7	☐	20000.000	20030.183	106357.92	0.3008	P	1.3
8	☐			197.23	0.0004	P	34.4

$$y = 1.4975\text{E-}005 * x + 8.1432\text{E-}004$$

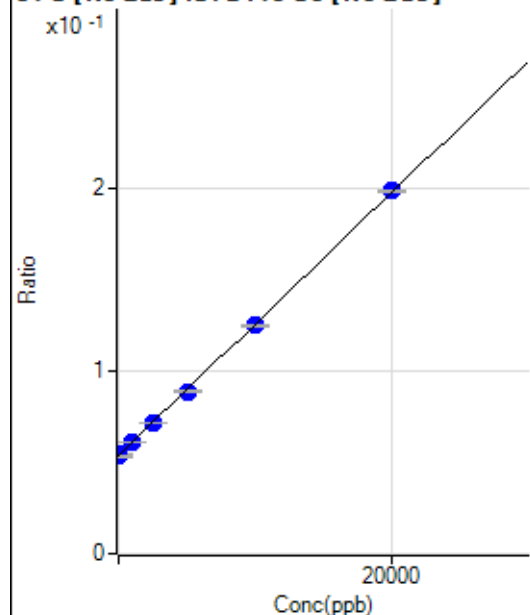
$$R = 1.0000$$

$$DL = 34.74$$

$$BEC = 54.38$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	92.117	502580.61	0.0544	P	0.4
2	☐	0.000	-92.117	518430.13	0.0531	P	0.6
3	☐	1000.000	949.787	585931.18	0.0606	P	0.3
4	☐	2500.000	2398.016	654758.79	0.0710	P	0.2
5	☐	5000.000	4856.880	747333.09	0.0886	P	0.7
6	☐	10000.000	9878.269	1002533.44	0.1247	P	0.8
7	☐	20000.000	20111.904	1575298.55	0.1981	P	0.8
8	☐			451683.99	0.0521	P	1.6

$$y = 7.1778\text{E-}006 * x + 0.0538$$

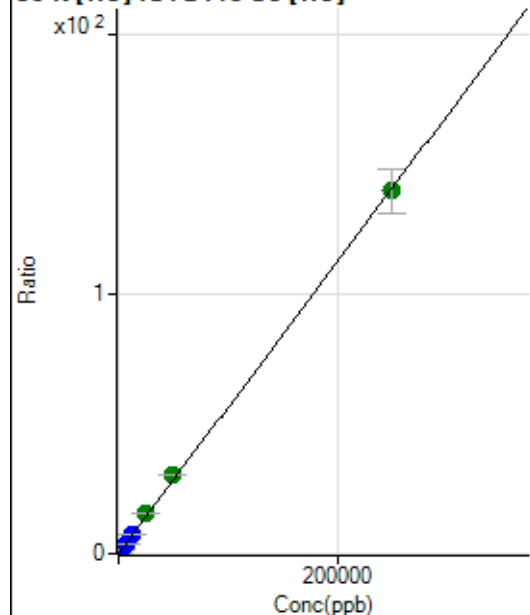
R = 0.9999

DL = 112.6

BEC = 7489

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18122.83	0.0426	P	1.6
2	☐	500.000	550.195	155325.03	0.3517	P	0.8
3	☐	2500.000	2782.212	687006.62	1.6056	P	0.3
4	☐	6250.000	6911.317	1597775.31	3.9253	P	0.3
5	☐	12500.000	13738.599	2834537.61	7.7608	P	0.2
6	☐	25000.000	27102.128	5501677.51	15.2683	A	0.6
7	☐	50000.000	54448.579	10832181.32	30.6313	A	0.7
8	☐	250000.00	248818.68	61654131.24	139.8268	A	11.9

$$y = 5.6179\text{E-}004 * x + 0.0426$$

R = 0.9998

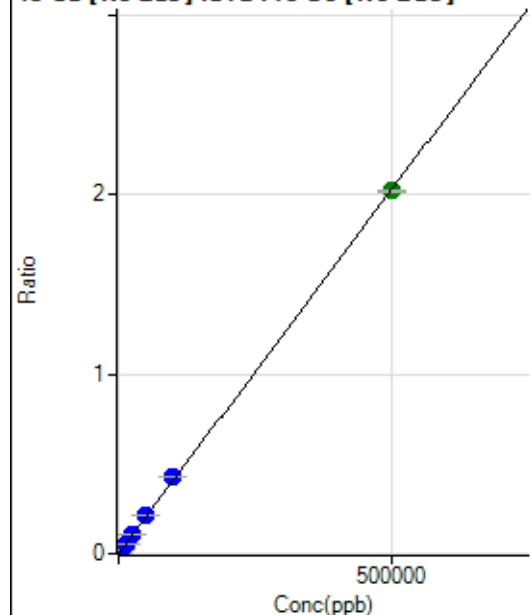
DL = 3.55

BEC = 75.77

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	122.23	0.0000	P	10.2
2	☐	500.000	509.005	20286.91	0.0021	P	1.0
3	☐	5000.000	5283.454	207407.37	0.0214	P	0.7
4	☐	12500.000	13212.537	494516.59	0.0536	P	0.9
5	☐	25000.000	26307.826	899896.74	0.1067	P	1.3
6	☐	50000.000	52725.319	1719818.51	0.2138	P	0.5
7	☐	100000.00	105482.02	3401725.60	0.4278	P	0.6
8	☐	500000.00	498545.01	17517130.42	2.0219	A	0.4

$$y = 4.0555\text{E-}006 * x + 1.3231\text{E-}005$$

$$R = 0.9999$$

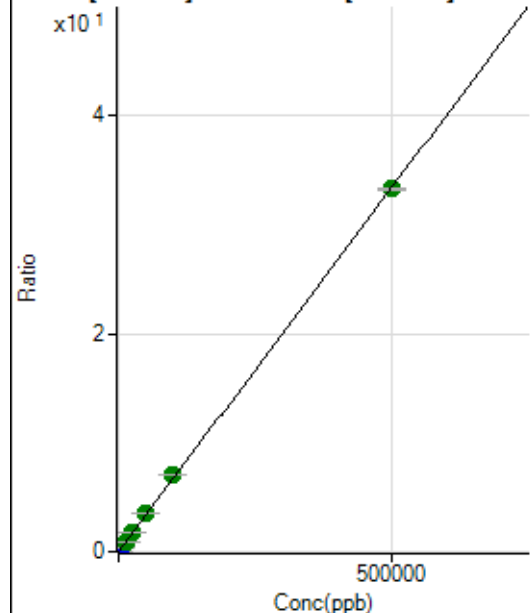
$$DL = 0.9986$$

$$BEC = 3.263$$

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	13482.09	0.0015	P	1.9
2	☐	500.000	502.252	341580.74	0.0350	P	0.2
3	☐	5000.000	5251.048	3404298.69	0.3519	P	0.1
4	☐	12500.000	13073.115	8063671.71	0.8739	A	0.1
5	☐	25000.000	26124.488	14716353.11	1.7450	A	0.6
6	☐	50000.000	52189.381	28024088.13	3.4845	A	0.6
7	☐	100000.00	104834.96	55647250.55	6.9981	A	0.4
8	☐	500000.00	498741.00	288404539.7	33.2870	A	0.7

$$y = 6.6739\text{E-}005 * x + 0.0015$$

$$R = 0.9999$$

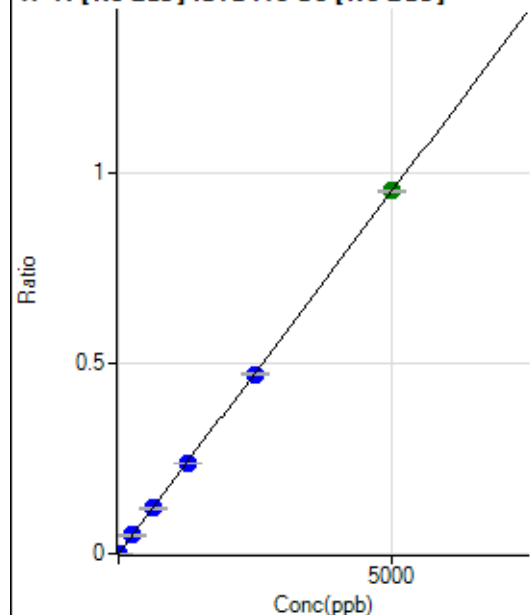
$$DL = 1.27$$

$$BEC = 21.87$$

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	100.01	0.0000	P	36.2
2	☐	5.000	5.163	9706.36	0.0010	P	2.3
3	☐	250.000	252.346	465042.72	0.0481	P	1.1
4	☐	625.000	624.531	1097574.84	0.1190	P	0.4
5	☐	1250.000	1240.247	1992220.03	0.2362	P	0.5
6	☐	2500.000	2480.241	3799087.02	0.4724	P	1.2
7	☐	5000.000	5012.259	7590991.92	0.9546	A	0.3
8	☐			4901.76	0.0006	P	109.4

$$y = 1.9046\text{E-}004 * x + 1.0821\text{E-}005$$

$$R = 1.0000$$

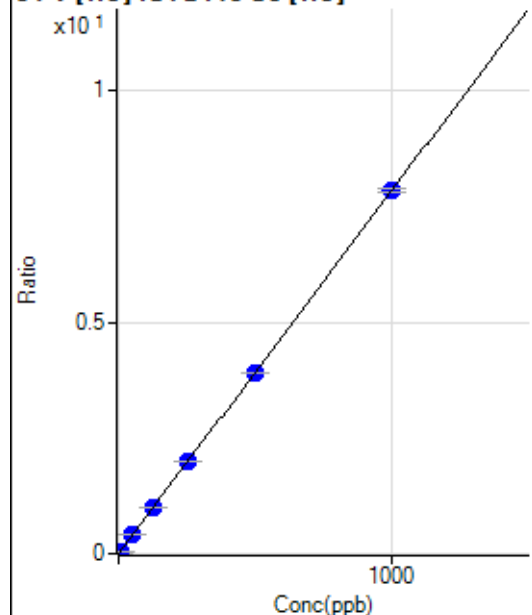
$$DL = 0.06162$$

$$BEC = 0.05682$$

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	4.44	0.0000	P	173.2
2	☐	5.000	5.216	18051.22	0.0409	P	2.4
3	☐	50.000	50.925	170682.78	0.3989	P	0.8
4	☐	125.000	126.358	402885.86	0.9898	P	0.3
5	☐	250.000	253.154	724259.91	1.9830	P	0.3
6	☐	500.000	497.802	1405035.97	3.8993	P	0.7
7	☐	1000.000	1000.093	2770087.60	7.8337	P	1.2
8	☐			521.13	0.0012	P	20.0

$$y = 0.0078 * x + 1.0450\text{E-}005$$

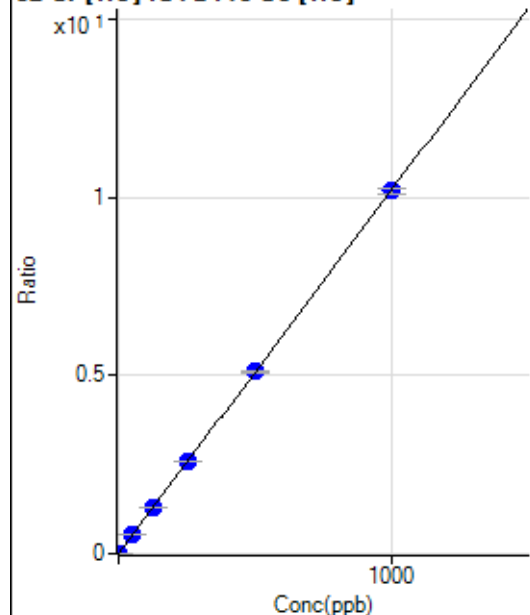
$$R = 1.0000$$

$$DL = 0.006933$$

$$BEC = 0.001334$$

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	763.36	0.0018	P	3.7
2	☐	2.000	2.005	9836.77	0.0223	P	0.6
3	☐	50.000	51.423	225517.63	0.5271	P	0.1
4	☐	125.000	127.186	529541.85	1.3009	P	0.8
5	☐	250.000	256.085	956042.71	2.6176	P	0.1
6	☐	500.000	500.270	1841937.66	5.1118	P	0.9
7	☐	1000.000	997.999	3605334.91	10.1958	P	1.3
8	☐			116718.70	0.2648	P	12.5

$$y = 0.0102 * x + 0.0018$$

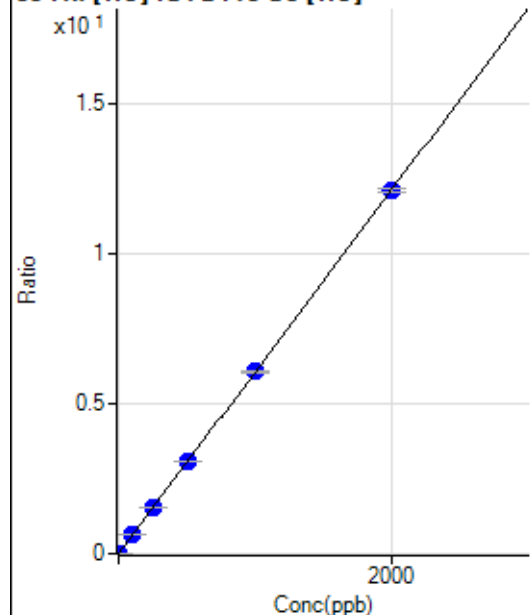
$$R = 1.0000$$

$$DL = 0.01968$$

$$BEC = 0.1755$$

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	43.34	0.0001	P	35.3
2	☐	1.000	1.040	2825.88	0.0064	P	2.3
3	☐	100.000	102.193	264855.65	0.6190	P	0.5
4	☐	250.000	253.543	625038.03	1.5356	P	0.6
5	☐	500.000	511.421	1131240.25	3.0973	P	0.1
6	☐	1000.000	1002.014	2186598.52	6.0683	P	0.9
7	☐	2000.000	1995.585	4273492.68	12.0853	P	1.2
8	☐			15641.81	0.0355	P	13.2

$$y = 0.0061 * x + 1.0179E-004$$

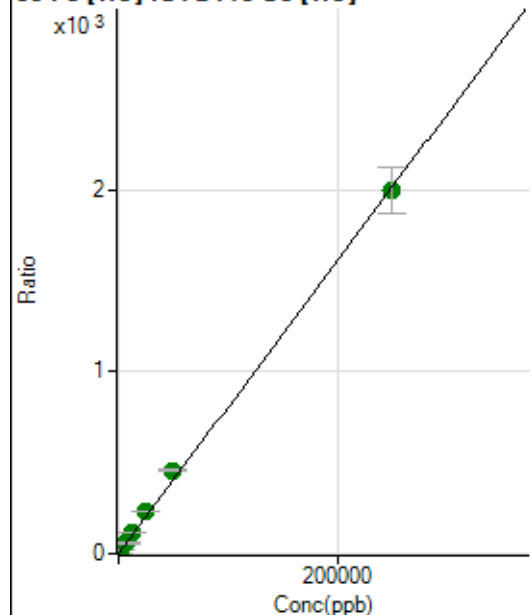
$$R = 1.0000$$

$$DL = 0.0178$$

$$BEC = 0.01681$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2441.03	0.0057	P	6.1
2	☐	50.000	59.279	213214.23	0.4827	P	0.5
3	☐	2500.000	2908.077	10014878.70	23.4056	A	0.2
4	☐	6250.000	7236.517	23704498.91	58.2346	A	0.4
5	☐	12500.000	14590.605	42882094.48	117.4094	A	0.5
6	☐	25000.000	28503.114	82645156.48	229.3568	A	0.7
7	☐	50000.000	57039.543	162298218.4	458.9759	A	1.2
8	☐	250000.00	248108.50	879717182.6	1,996.417	A	12.7

$$y = 0.0080 * x + 0.0057$$

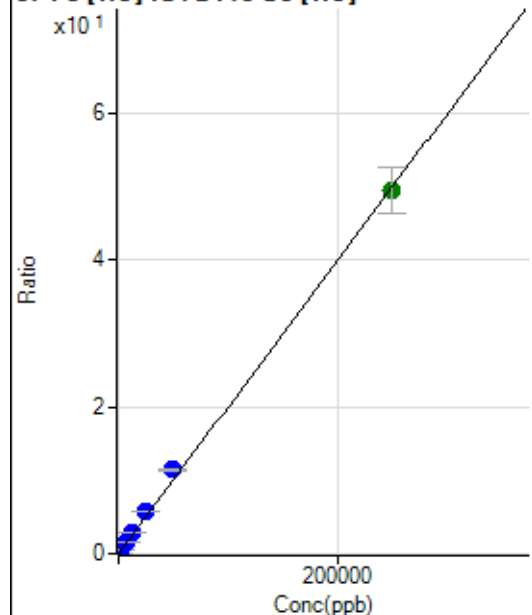
$$R = 0.9995$$

$$DL = 0.1298$$

$$BEC = 0.7125$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.37	0.0002	P	37.6
2	☐	50.000	62.967	5619.75	0.0127	P	0.3
3	☐	2500.000	2908.382	248265.57	0.5802	P	0.3
4	☐	6250.000	7252.567	588850.35	1.4466	P	0.4
5	☐	12500.000	14581.856	1062257.56	2.9084	P	0.4
6	☐	25000.000	28495.280	2047900.48	5.6833	P	0.8
7	☐	50000.000	57212.534	4034981.89	11.4108	P	1.2
8	☐	250000.00	248074.72	21802117.15	49.4768	A	12.7

$$y = 1.9944E-004 * x + 1.6539E-004$$

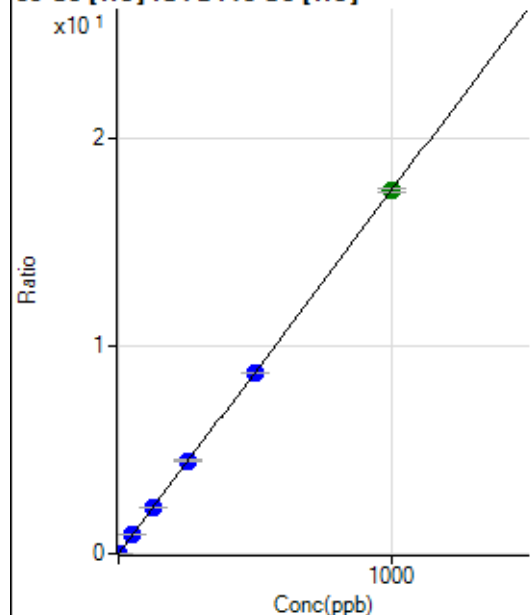
$$R = 0.9995$$

$$DL = 0.9348$$

$$BEC = 0.8293$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	95.56	0.0002	P	12.9
2	☐	1.000	1.008	7882.23	0.0178	P	2.8
3	☐	50.000	52.205	390502.09	0.9126	P	0.6
4	☐	125.000	128.662	915439.07	2.2490	P	0.3
5	☐	250.000	256.484	1637356.59	4.4830	P	0.4
6	☐	500.000	498.538	3139827.56	8.7136	P	0.2
7	☐	1000.000	998.542	6171446.29	17.4526	A	1.1
8	☐			81350.62	0.1846	P	12.7

$$y = 0.0175 * x + 2.2438E-004$$

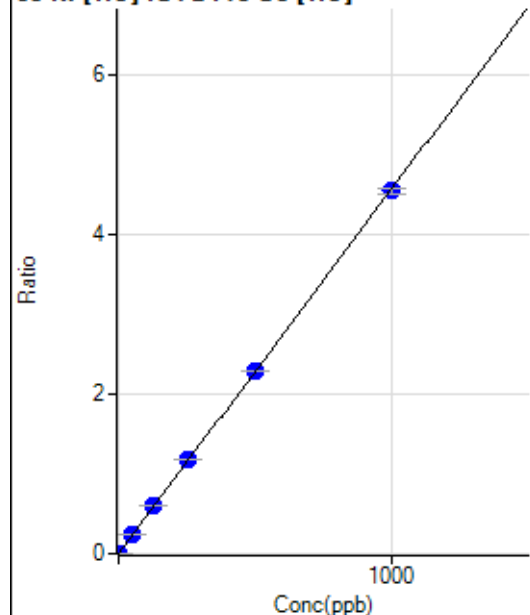
$$R = 1.0000$$

$$DL = 0.004952$$

$$BEC = 0.01284$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.12	0.0003	P	3.1
2	☐	1.000	1.043	2253.55	0.0051	P	3.4
3	☐	50.000	53.219	104284.21	0.2437	P	0.7
4	☐	125.000	129.760	241686.60	0.5938	P	0.2
5	☐	250.000	259.746	433979.30	1.1882	P	0.4
6	☐	500.000	502.910	828863.57	2.3002	P	0.2
7	☐	1000.000	995.352	1609682.94	4.5523	P	1.6
8	☐			48637.15	0.1104	P	12.9

$$y = 0.0046 * x + 3.3147E-004$$

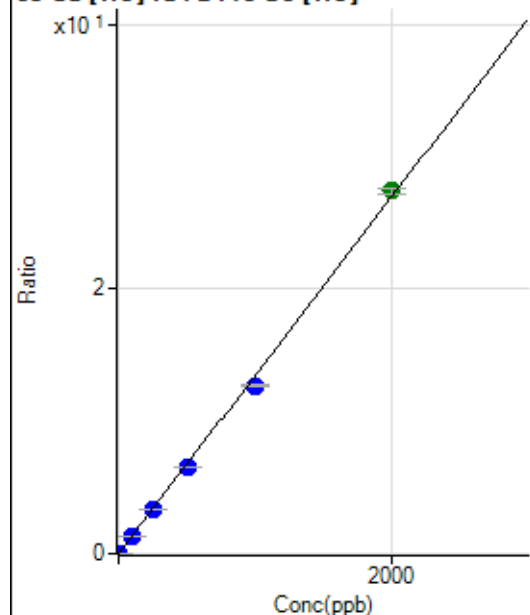
$$R = 0.9999$$

$$DL = 0.006656$$

$$BEC = 0.07248$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1133.40	0.0027	P	4.2
2	☐	2.000	1.917	12575.56	0.0285	P	1.4
3	☐	100.000	99.416	574018.94	1.3415	P	0.4
4	☐	250.000	243.766	1337391.34	3.2856	P	0.5
5	☐	500.000	484.156	2382453.05	6.5230	P	0.5
6	☐	1000.000	940.257	4563819.48	12.6656	P	0.7
7	☐	2000.000	2034.641	9690207.35	27.4042	A	1.4
8	☐			15813.16	0.0359	P	12.2

$$y = 0.0135 * x + 0.0027$$

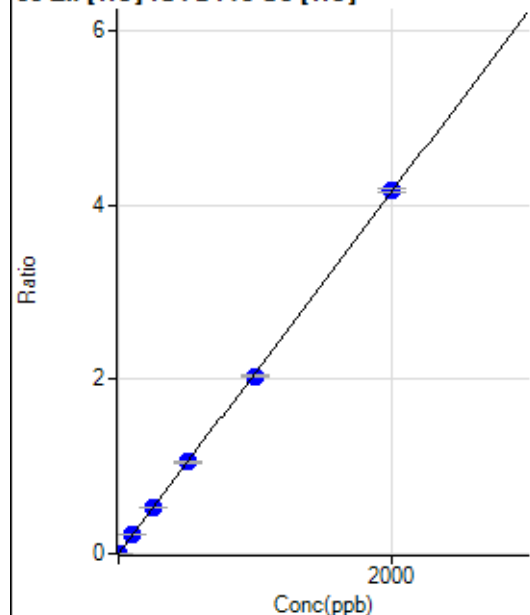
$$R = 0.9993$$

$$DL = 0.02516$$

$$BEC = 0.1977$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	303.34	0.0007	P	11.8
2	☐	2.000	2.054	2196.87	0.0050	P	3.9
3	☐	100.000	102.675	91462.17	0.2138	P	0.9
4	☐	250.000	252.170	213274.83	0.5240	P	0.2
5	☐	500.000	505.481	383344.26	1.0496	P	0.3
6	☐	1000.000	983.125	735317.74	2.0407	P	0.7
7	☐	2000.000	2006.662	1472631.02	4.1645	P	0.9
8	☐			13577.61	0.0308	P	13.2

$$y = 0.0021 * x + 7.1233E-004$$

$$R = 0.9999$$

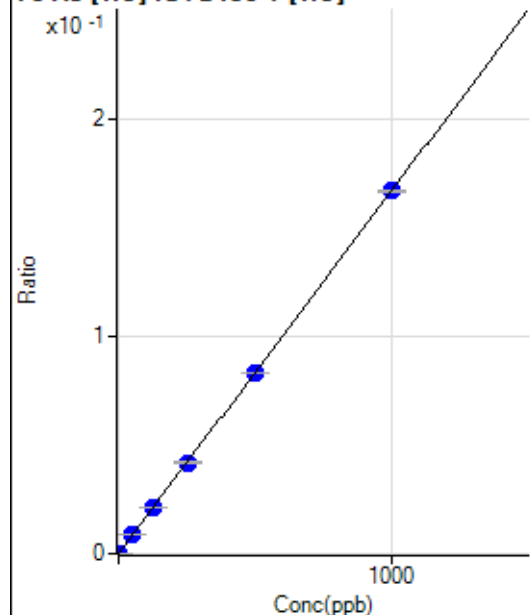
$$DL = 0.1217$$

$$BEC = 0.3433$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.02	0.0000	P	87.2
2	☐	1.000	1.059	496.93	0.0002	P	6.6
3	☐	50.000	51.855	23218.61	0.0086	P	1.0
4	☐	125.000	128.643	55279.15	0.0214	P	0.4
5	☐	250.000	251.749	98431.31	0.0420	P	0.3
6	☐	500.000	497.808	190557.26	0.0830	P	0.3
7	☐	1000.000	1000.111	373955.35	0.1667	P	0.3
8	☐			569.15	0.0002	P	21.0

$$y = 1.6668\text{E-}004 * x + 3.0155\text{E-}006$$

$$R = 1.0000$$

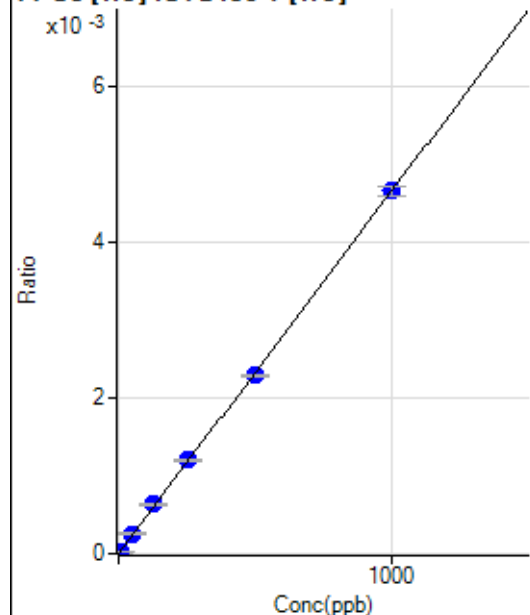
$$DL = 0.04735$$

$$BEC = 0.01809$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	5.948	77.78	0.0000	P	36.2
3	☐	50.000	54.740	685.58	0.0003	P	5.0
4	☐	125.000	135.746	1630.12	0.0006	P	3.7
5	☐	250.000	258.404	2822.55	0.0012	P	1.0
6	☐	500.000	490.756	5247.70	0.0023	P	0.6
7	☐	1000.000	1000.936	10453.93	0.0047	P	2.4
8	☐			8.89	0.0000	P	60.2

$$y = 4.6554\text{E-}006 * x + 4.2008\text{E-}007$$

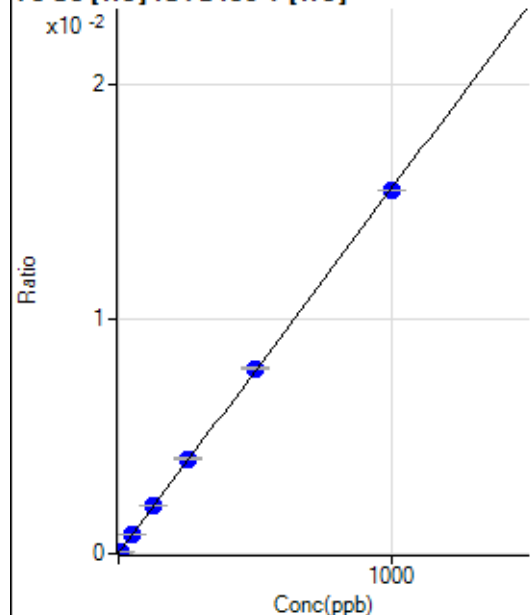
$$R = 0.9999$$

$$DL = 0.4689$$

$$BEC = 0.09024$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.77	0.0000	P	16.3
2	☐	5.000	5.778	299.39	0.0001	P	10.5
3	☐	50.000	52.896	2255.76	0.0008	P	2.9
4	☐	125.000	129.459	5230.61	0.0020	P	1.9
5	☐	250.000	257.582	9427.82	0.0040	P	2.1
6	☐	500.000	507.150	18133.02	0.0079	P	0.6
7	☐	1000.000	993.823	34669.15	0.0155	P	0.2
8	☐			58.64	0.0000	P	19.3

$$y = 1.5533\text{E-}005 * x + 1.8406\text{E-}005$$

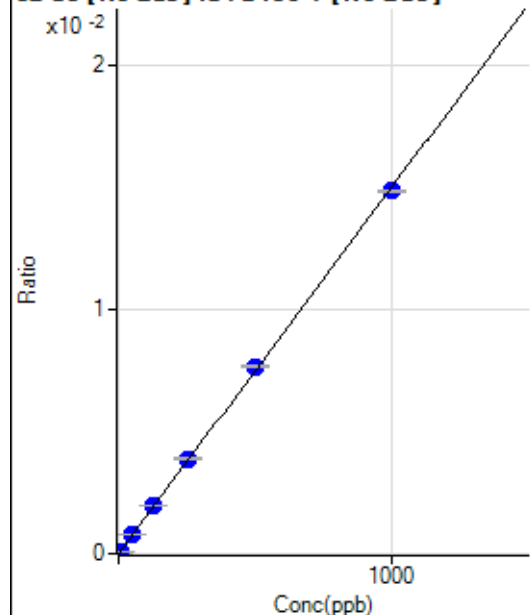
$$R = 0.9999$$

$$DL = 0.5783$$

$$BEC = 1.185$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.81	0.0000	P	1846.
2	☐	5.000	5.076	1604.76	0.0001	P	4.4
3	☐	50.000	52.968	16556.38	0.0008	P	0.1
4	☐	125.000	130.890	39269.77	0.0020	P	0.5
5	☐	250.000	259.566	72354.47	0.0039	P	0.4
6	☐	500.000	511.286	137519.76	0.0077	P	0.4
7	☐	1000.000	991.080	262932.82	0.0149	P	0.5
8	☐			29.79	0.0000	P	498.9

$$y = 1.4998\text{E-}005 * x + 3.6850\text{E-}007$$

$$R = 0.9998$$

$$DL = 1.361$$

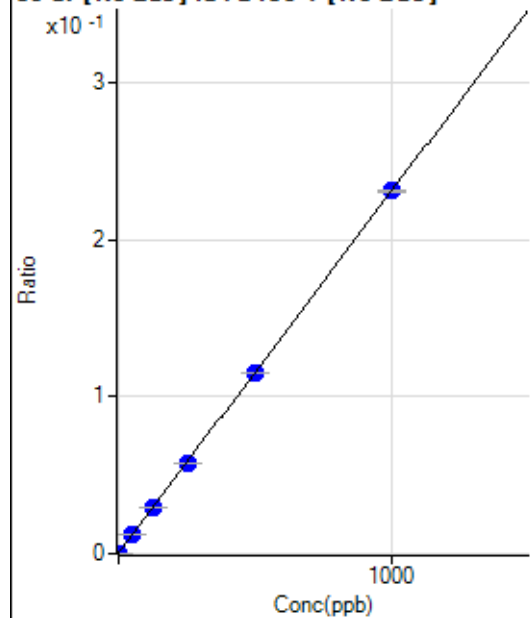
$$BEC = 0.02457$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4508.56		P	2.7
2	☐			4683.05		P	2.8
3	☐			4573.03		P	3.4
4	☐			4310.71		P	3.5
5	☐			4049.52		P	0.8
6	☐			3862.81		P	1.8
7	☐			3717.21		P	2.9
8	☐			4106.22		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7568.99	0.0004	P	3.5
2	☐	1.000	0.846	12074.96	0.0006	P	2.1
3	☐	50.000	50.343	249812.20	0.0120	P	0.7
4	☐	125.000	124.888	583710.71	0.0292	P	0.7
5	☐	250.000	249.858	1078082.17	0.0580	P	0.2
6	☐	500.000	498.792	2069870.73	0.1154	P	0.3
7	☐	1000.000	1000.637	4089125.83	0.2312	P	0.3
8	☐			23152.69	0.0012	P	3.0

$$y = 2.3065E-004 * x + 3.8063E-004$$

$$R = 1.0000$$

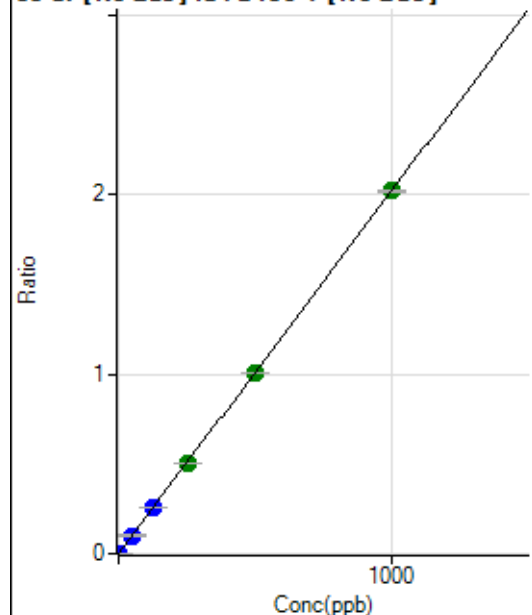
$$DL = 0.1723$$

$$BEC = 1.65$$

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	116.67	0.0000	P	18.3
2	☐	1.000	0.992	42215.89	0.0020	P	1.4
3	☐	50.000	50.335	2120549.40	0.1018	P	0.5
4	☐	125.000	125.660	5082519.86	0.2541	P	0.2
5	☐	250.000	250.556	9416699.08	0.5067	A	0.3
6	☐	500.000	499.355	18108877.66	1.0099	A	0.1
7	☐	1000.000	1000.084	35774555.31	2.0225	A	0.4
8	☐			149393.30	0.0081	P	1.5

$$y = 0.0020 * x + 5.8636E-006$$

$$R = 1.0000$$

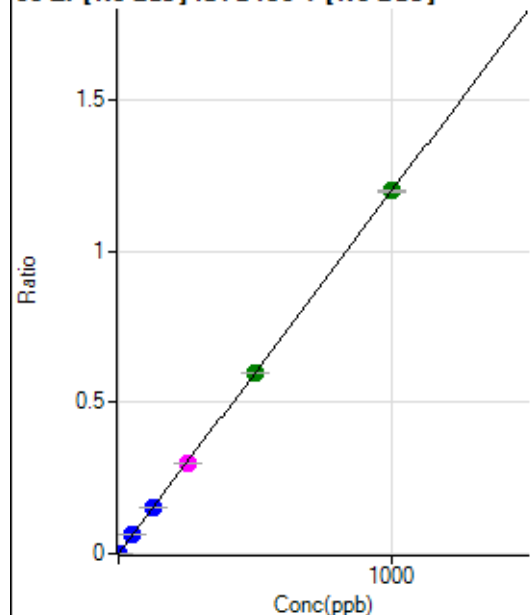
$$DL = 0.001595$$

$$BEC = 0.002899$$

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	1502.93	0.0001	P	14.7
2	☐	1.000	0.870	23467.23	0.0011	P	4.7
3	☐	50.000	50.494	1263140.64	0.0606	P	0.2
4	☐	125.000	125.470	3011214.85	0.1506	P	0.4
5	☐	250.000	250.886	5593379.20	0.3010	M	0.5
6	☐	500.000	497.558	10702738.87	0.5968	A	0.2
7	☐	1000.000	1000.916	21235685.37	1.2006	A	0.6
8	☐			5718.03	0.0003	P	2.8

$$y = 0.0012 * x + 7.5536E-005$$

$$R = 1.0000$$

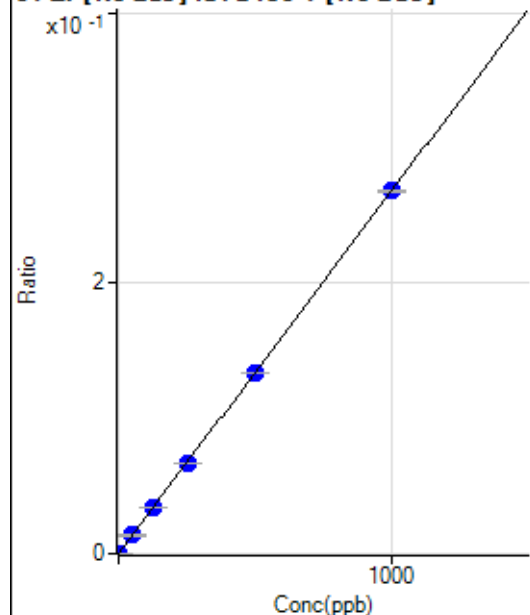
$$DL = 0.02771$$

$$BEC = 0.06298$$

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	280.57	0.0000	P	8.4
2	☐	1.000	0.855	5106.68	0.0002	P	2.5
3	☐	50.000	50.315	281284.78	0.0135	P	0.4
4	☐	125.000	125.469	673018.71	0.0337	P	0.5
5	☐	250.000	249.530	1243511.58	0.0669	P	0.9
6	☐	500.000	499.836	2403226.96	0.1340	P	0.2
7	☐	1000.000	1000.125	4742945.98	0.2681	P	0.5
8	☐			1327.90	0.0001	P	4.1

$$y = 2.6809\text{E-}004 * x + 1.4108\text{E-}005$$

$$R = 1.0000$$

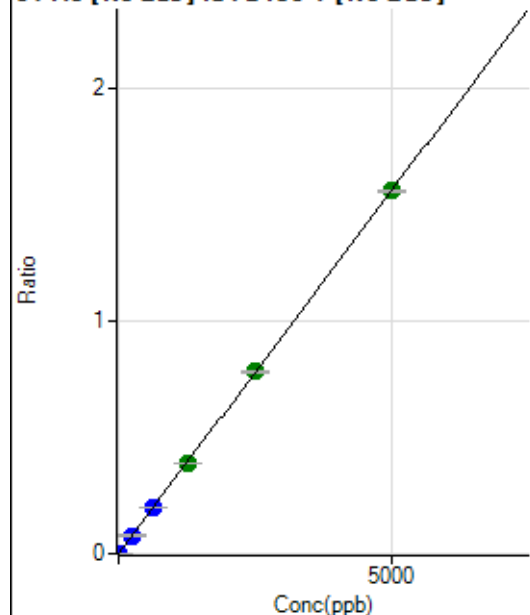
$$DL = 0.01326$$

$$BEC = 0.05262$$

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	591.70	0.0000	P	11.6
2	☐	5.000	4.551	30344.36	0.0014	P	0.4
3	☐	250.000	251.418	1631229.58	0.0783	P	0.3
4	☐	625.000	627.443	3907578.47	0.1954	P	0.6
5	☐	1250.000	1242.347	7189174.03	0.3868	A	0.6
6	☐	2500.000	2504.805	13985223.40	0.7799	A	0.5
7	☐	5000.000	4999.135	27531724.58	1.5565	A	0.3
8	☐			22615.88	0.0012	P	2.7

$$y = 3.1135\text{E-}004 * x + 2.9741\text{E-}005$$

$$R = 1.0000$$

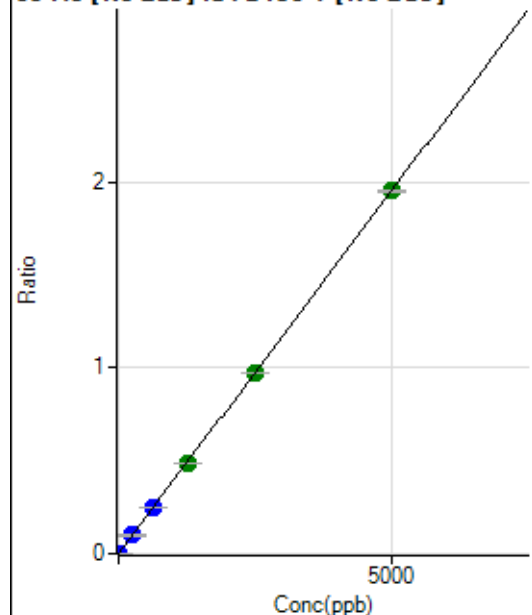
$$DL = 0.03311$$

$$BEC = 0.09552$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	52.7
2	☐	5.000	4.760	39096.25	0.0019	P	2.7
3	☐	250.000	252.568	2057293.84	0.0988	P	0.7
4	☐	625.000	629.844	4925588.22	0.2463	P	0.3
5	☐	1250.000	1251.466	9094331.28	0.4894	A	0.2
6	☐	2500.000	2498.020	17515652.48	0.9768	A	0.3
7	☐	5000.000	4999.890	34581413.97	1.9551	A	0.2
8	☐			36586.70	0.0020	P	3.8

$$y = 3.9102\text{E-}004 * x + 2.7970\text{E-}006$$

$$R = 1.0000$$

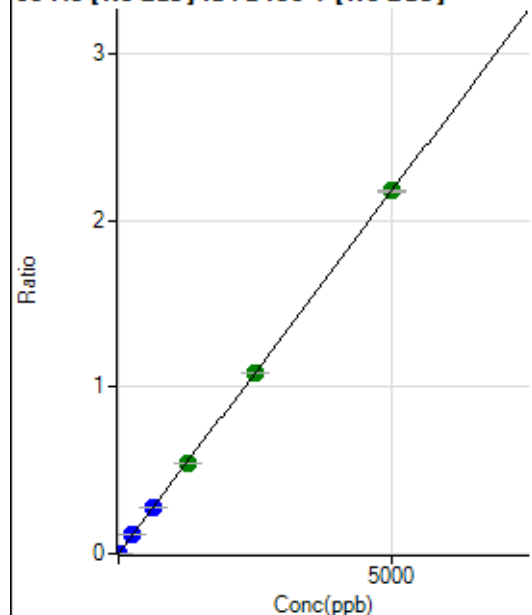
$$DL = 0.0113$$

$$BEC = 0.007153$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0000	P	21.3
2	☐	5.000	4.699	42985.39	0.0020	P	1.3
3	☐	250.000	252.472	2286156.11	0.1097	P	0.3
4	☐	625.000	630.050	5477303.98	0.2739	P	0.4
5	☐	1250.000	1248.705	10087052.48	0.5428	A	0.3
6	☐	2500.000	2488.184	19394403.04	1.0815	A	0.0
7	☐	5000.000	5005.477	38484403.64	2.1757	A	0.5
8	☐			41143.52	0.0022	P	1.1

$$y = 4.3467\text{E-}004 * x + 6.9877\text{E-}006$$

$$R = 1.0000$$

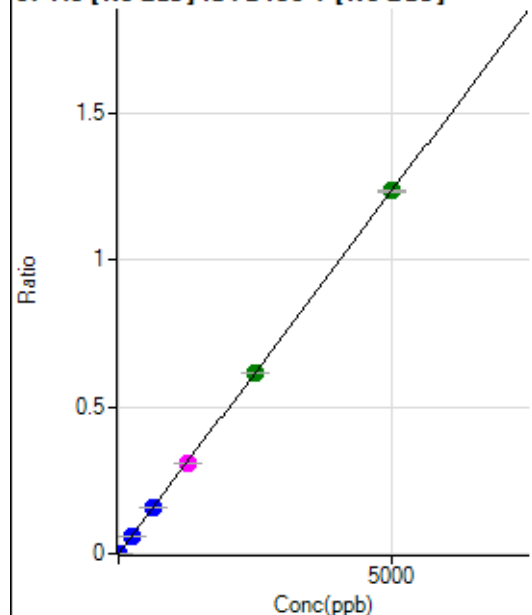
$$DL = 0.01026$$

$$BEC = 0.01608$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	38.4
2	☐	5.000	4.874	25273.31	0.0012	P	1.2
3	☐	250.000	251.083	1290763.12	0.0620	P	0.6
4	☐	625.000	627.246	3095811.46	0.1548	P	0.8
5	☐	1250.000	1247.747	5722300.35	0.3079	M	0.6
6	☐	2500.000	2489.718	11017694.26	0.6144	A	0.5
7	☐	5000.000	5005.370	21848665.07	1.2352	A	0.5
8	☐			22699.45	0.0012	P	4.3

$$y = 2.4678\text{E-}004 * x + 2.2301\text{E-}006$$

$$R = 1.0000$$

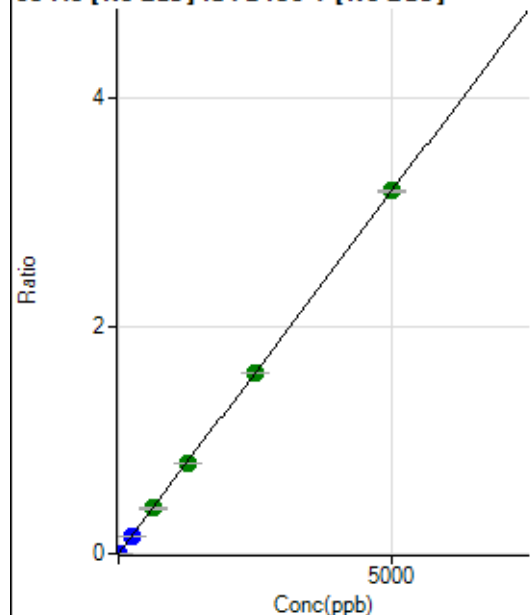
$$DL = 0.01041$$

$$BEC = 0.009037$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	10.6
2	☐	5.000	4.690	62666.87	0.0030	P	0.3
3	☐	250.000	251.297	3330944.76	0.1599	P	0.3
4	☐	625.000	625.662	7962216.07	0.3981	A	0.9
5	☐	1250.000	1242.954	14697996.34	0.7909	A	0.5
6	☐	2500.000	2488.724	28397072.16	1.5836	A	0.4
7	☐	5000.000	5007.252	56355849.87	3.1861	A	0.8
8	☐			57634.28	0.0031	P	2.7

$$y = 6.3630\text{E-}004 * x + 3.7701\text{E-}006$$

$$R = 1.0000$$

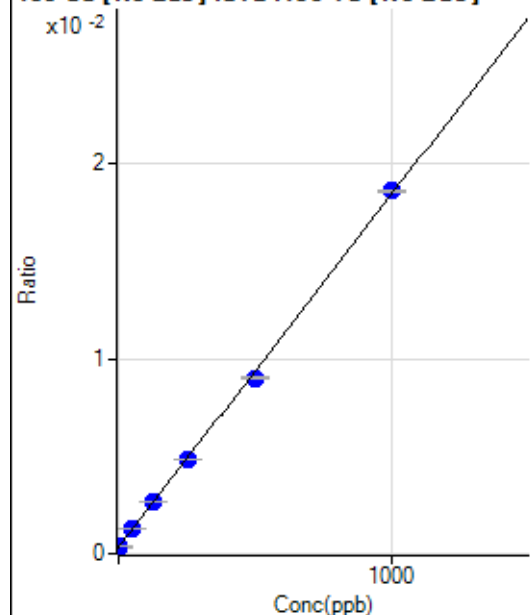
$$DL = 0.00188$$

$$BEC = 0.005925$$

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	9108.85	0.0003	P	3.4
2	☐	1.000	1.391	10318.09	0.0004	P	3.0
3	☐	50.000	51.624	37032.83	0.0013	P	0.8
4	☐	125.000	128.197	75669.07	0.0026	P	0.6
5	☐	250.000	248.915	132032.84	0.0048	P	0.5
6	☐	500.000	479.826	242990.21	0.0090	P	0.5
7	☐	1000.000	1009.877	495683.23	0.0186	P	0.5
8	☐			8922.67	0.0003	P	1.8

$$y = 1.8098\text{E-}005 * x + 3.2796\text{E-}004$$

$$R = 0.9997$$

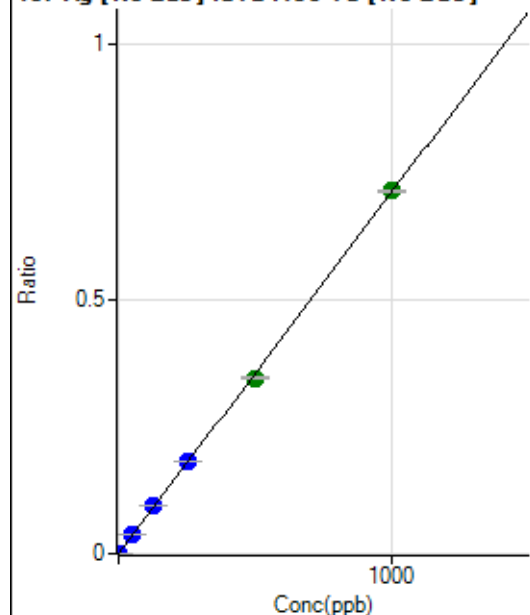
$$DL = 1.87$$

$$BEC = 18.12$$

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	219.46	0.0000	P	17.9
2	☐	1.000	0.961	20142.76	0.0007	P	1.1
3	☐	50.000	54.255	1129255.57	0.0385	P	0.9
4	☐	125.000	131.601	2667612.02	0.0934	P	0.3
5	☐	250.000	255.258	4946852.19	0.1811	P	0.2
6	☐	500.000	486.752	9309644.48	0.3453	A	0.2
7	☐	1000.000	1004.272	18979425.77	0.7123	A	0.6
8	☐			1088.98	0.0000	P	8.0

$$y = 7.0931\text{E-}004 * x + 7.9006\text{E-}006$$

$$R = 0.9998$$

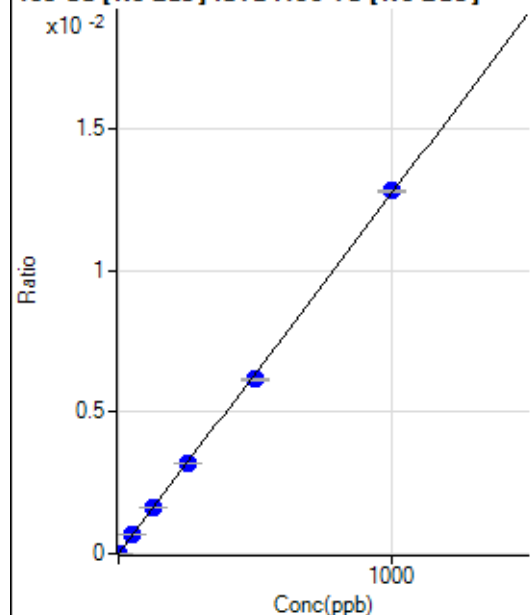
$$DL = 0.005982$$

$$BEC = 0.01114$$

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	29.17	0.0000	P	62.2
2	☐	1.000	0.838	341.68	0.0000	P	10.2
3	☐	50.000	52.234	19498.44	0.0007	P	1.9
4	☐	125.000	128.193	46563.88	0.0016	P	0.9
5	☐	250.000	250.357	86917.37	0.0032	P	0.4
6	☐	500.000	483.775	165735.24	0.0061	P	0.3
7	☐	1000.000	1007.513	341034.89	0.0128	P	0.3
8	☐			68.06	0.0000	P	12.6

$$y = 1.2703\text{E-}005 * x + 1.0492\text{E-}006$$

$$R = 0.9998$$

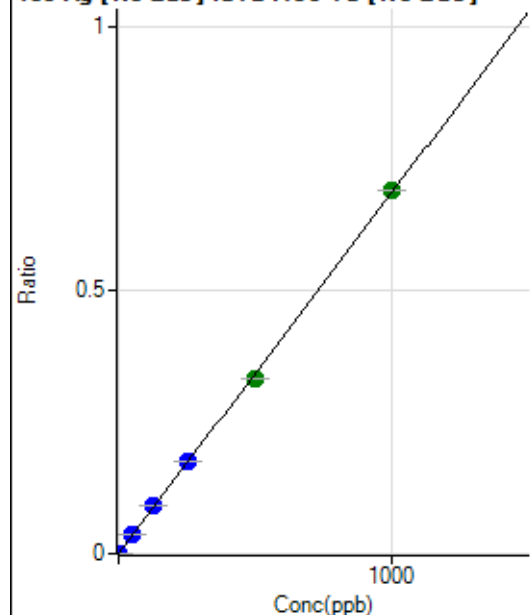
$$DL = 0.1542$$

$$BEC = 0.08259$$

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	83.34	0.0000	P	29.6
2	☐	1.000	0.962	19361.23	0.0007	P	0.9
3	☐	50.000	53.972	1085443.29	0.0370	P	1.1
4	☐	125.000	131.360	2572991.20	0.0900	P	0.9
5	☐	250.000	254.032	4757350.37	0.1741	P	0.1
6	☐	500.000	485.578	8974697.94	0.3328	A	0.1
7	☐	1000.000	1005.210	18358204.75	0.6890	A	0.1
8	☐			755.61	0.0000	P	5.1

$$y = 6.8545\text{E-}004 * x + 2.9983\text{E-}006$$

$$R = 0.9998$$

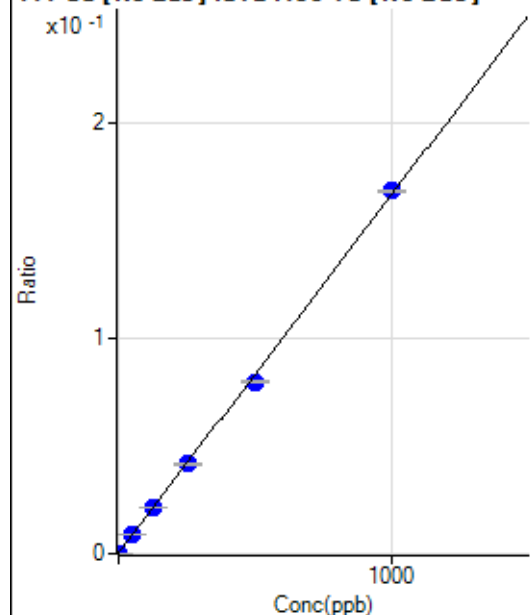
$$DL = 0.003885$$

$$BEC = 0.004374$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6384.94	0.0002	P	3.7
2	☐	1.000	1.026	11703.83	0.0004	P	1.0
3	☐	50.000	51.648	258757.58	0.0088	P	0.8
4	☐	125.000	126.828	609327.27	0.0213	P	0.6
5	☐	250.000	248.303	1134530.61	0.0415	P	0.8
6	☐	500.000	478.383	2151536.36	0.0798	P	0.4
7	☐	1000.000	1010.922	4485763.18	0.1684	P	0.7
8	☐			6691.30	0.0003	P	2.6

$$y = 1.6632\text{E-}004 * x + 2.2989\text{E-}004$$

$$R = 0.9996$$

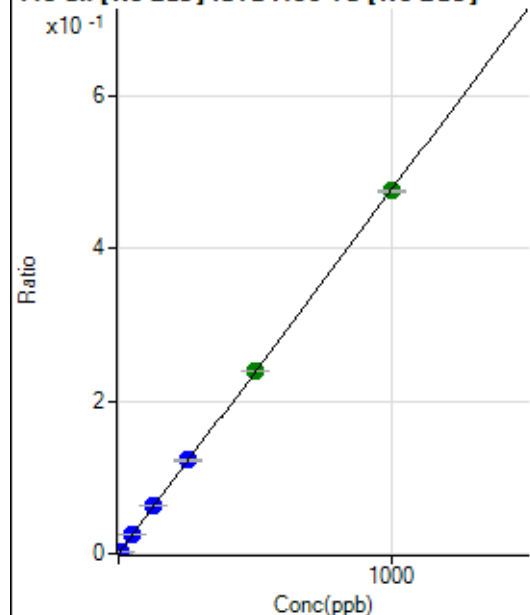
$$DL = 0.1524$$

$$BEC = 1.382$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2428.12	0.0001	P	1.3
2	☐	5.000	5.280	76154.06	0.0026	P	2.8
3	☐	50.000	52.445	736672.12	0.0251	P	0.8
4	☐	125.000	129.866	1773057.03	0.0620	P	0.3
5	☐	250.000	256.393	3344402.14	0.1224	P	0.6
6	☐	500.000	500.817	6445312.08	0.2390	A	0.5
7	☐	1000.000	997.261	12679454.54	0.4759	A	0.8
8	☐			6307.24	0.0002	P	4.3

$$y = 4.7711\text{E-}004 * x + 8.7422\text{E-}005$$

$$R = 1.0000$$

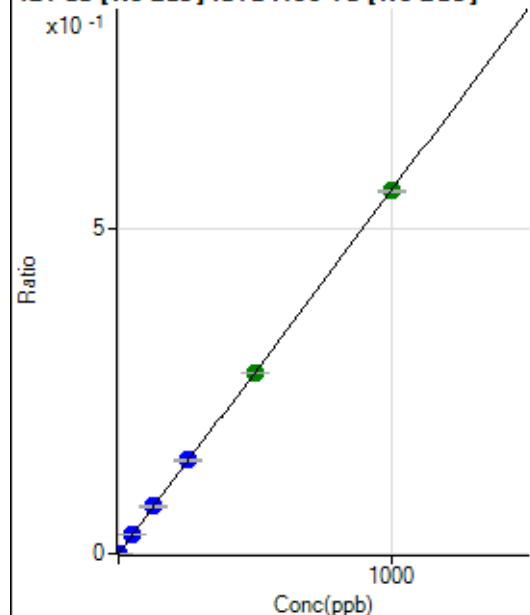
$$DL = 0.006885$$

$$BEC = 0.1832$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	13.9
2	☐	2.000	1.955	32121.17	0.0011	P	1.2
3	☐	50.000	51.950	851575.42	0.0290	P	0.6
4	☐	125.000	129.860	2073043.86	0.0725	P	0.6
5	☐	250.000	256.613	3916491.84	0.1434	P	0.3
6	☐	500.000	498.892	7514530.72	0.2787	A	0.2
7	☐	1000.000	998.196	14856609.54	0.5576	A	0.7
8	☐			22104.33	0.0008	P	4.9

$$y = 5.5860\text{E-}004 * x + 7.0018\text{E-}006$$

$$R = 1.0000$$

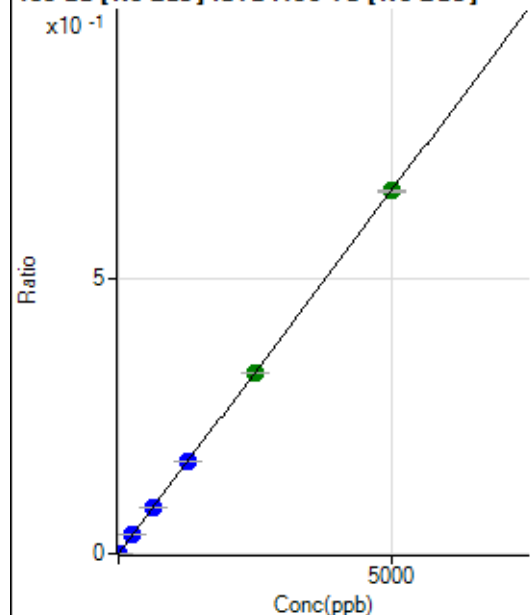
$$DL = 0.005231$$

$$BEC = 0.01253$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	48.6
2	☐	10.000	10.430	40334.33	0.0014	P	0.5
3	☐	250.000	260.310	1009040.23	0.0344	P	0.5
4	☐	625.000	646.288	2439932.52	0.0854	P	0.1
5	☐	1250.000	1275.691	4604608.05	0.1685	P	0.1
6	☐	2500.000	2490.352	8871379.80	0.3290	A	0.1
7	☐	5000.000	4995.224	17583054.39	0.6599	A	0.6
8	☐			1733.52	0.0001	P	1.9

$$y = 1.3211\text{E-}004 * x + 2.5003\text{E-}006$$

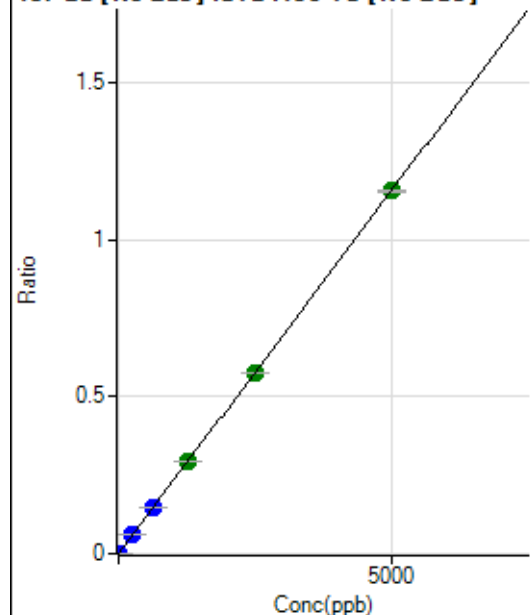
$$R = 1.0000$$

$$DL = 0.02759$$

$$BEC = 0.01893$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	16.9
2	☐	10.000	10.466	70666.67	0.0024	P	0.7
3	☐	250.000	261.143	1769748.04	0.0603	P	0.1
4	☐	625.000	646.122	4264774.32	0.1492	P	0.5
5	☐	1250.000	1269.264	8010271.36	0.2932	A	0.4
6	☐	2500.000	2489.586	15505915.97	0.5751	A	0.2
7	☐	5000.000	4997.193	30754405.90	1.1543	A	0.2
8	☐			2808.75	0.0001	P	3.8

$$y = 2.3099E-004 * x + 9.9971E-007$$

$$R = 1.0000$$

$$DL = 0.002192$$

$$BEC = 0.004328$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			13.34		P	86.6
2	☐			20.00		P	57.7
3	☐			73.33		P	50.6
4	☐			246.68		P	15.0
5	☐			335.57		P	4.6
6	☐			737.82		P	5.8
7	☐			1371.23		P	1.7
8	☐			171.12		P	31.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			14.44		P	81.1
3	☐			22.22		P	37.8
4	☐			25.56		P	7.5
5	☐			42.22		P	12.1
6	☐			96.67		P	20.7
7	☐			110.01		P	13.9
8	☐			73.33		P	20.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐			30.56		P	41.7
3	☐			36.11		P	35.2
4	☐			86.12		P	14.8
5	☐			97.23		P	13.1
6	☐			200.01		P	11.0
7	☐			302.79		P	22.4
8	☐			119.45		P	26.4

156 Dy [He] No available calibration points

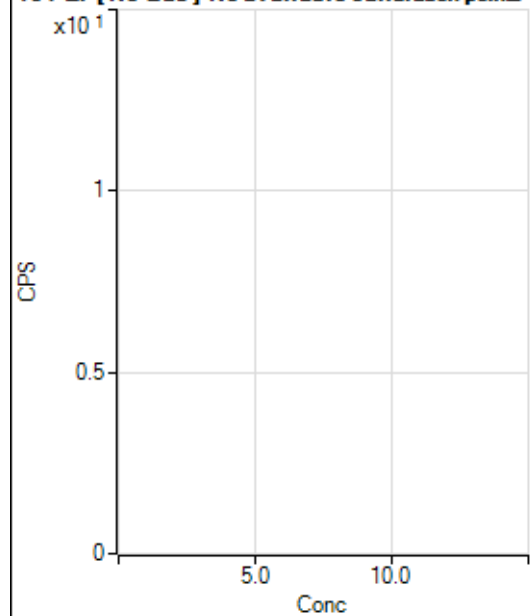
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	48.2
2	☐			25.56		P	37.7
3	☐			40.00		P	14.4
4	☐			56.67		P	17.6
5	☐			75.55		P	14.2
6	☐			177.78		P	18.8
7	☐			261.12		P	10.3
8	☐			56.67		P	17.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			186.12		P	15.7
2	☐			205.57		P	11.7
3	☐			211.12		P	18.7
4	☐			188.90		P	33.1
5	☐			138.90		P	3.5
6	☐			194.45		P	13.8
7	☐			180.57		P	10.7
8	☐			211.12		P	12.7

160 Gd [He] No available calibration points

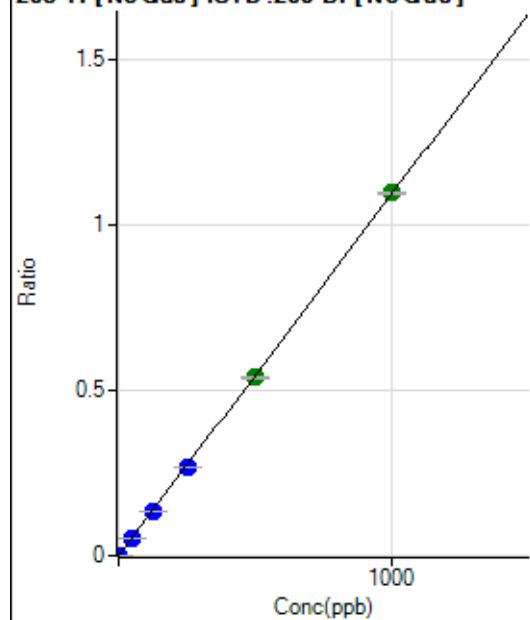
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			320.01		P	10.4
2	☐			308.90		P	10.4
3	☐			335.57		P	8.0
4	☐			305.56		P	5.2
5	☐			275.56		P	5.6
6	☐			296.68		P	5.1
7	☐			335.57		P	2.3
8	☐			327.79		P	13.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.90		P	22.4
2	☐			111.12		P	15.6
3	☐			141.67		P	10.2
4	☐			111.12		P	45.2
5	☐			113.89		P	33.8
6	☐			150.01		P	14.7
7	☐			125.01		P	52.9
8	☐			125.01		P	37.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			84.45		P	6.0
2	☐			70.00		P	9.5
3	☐			80.00		P	21.7
4	☐			85.56		P	23.8
5	☐			77.78		P	13.1
6	☐			91.11		P	13.8
7	☐			86.67		P	10.2
8	☐			75.56		P	17.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	675.05	0.0000	P	8.0
2	☐	1.000	0.949	21704.62	0.0011	P	1.7
3	☐	50.000	49.388	1090977.70	0.0539	P	1.4
4	☐	125.000	122.755	2638877.86	0.1339	P	1.0
5	☐	250.000	246.654	5107507.62	0.2690	P	0.5
6	☐	500.000	492.779	9931005.43	0.5375	A	0.3
7	☐	1000.000	1004.758	19489545.57	1.0959	A	0.3
8	☐			4698.27	0.0003	P	6.1

$$y = 0.0011 * x + 3.5358E-005$$

$$R = 1.0000$$

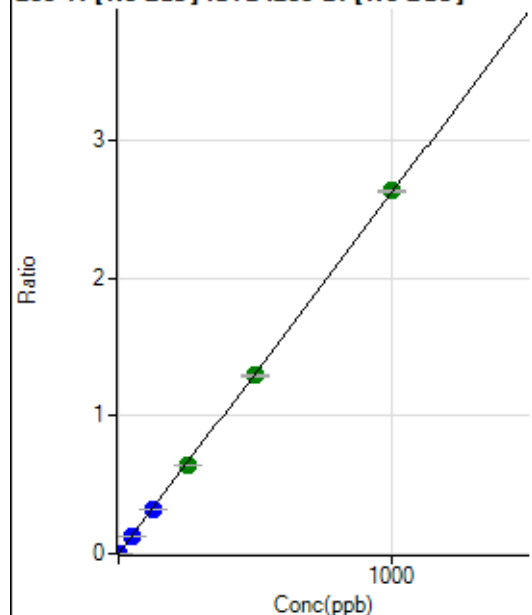
$$DL = 0.007763$$

$$BEC = 0.03242$$

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	1061.20	0.0001	P	9.0
2	☐	1.000	0.951	51670.99	0.0025	P	1.3
3	☐	50.000	49.410	2624430.11	0.1297	P	1.3
4	☐	125.000	124.080	6414627.31	0.3255	P	0.8
5	☐	250.000	243.983	12150333.86	0.6400	A	0.2
6	☐	500.000	492.903	23890109.91	1.2930	A	0.2
7	☐	1000.000	1005.198	46894431.95	2.6367	A	0.3
8	☐			10171.01	0.0006	P	4.4

$$y = 0.0026 * x + 5.5581E-005$$

$$R = 0.9999$$

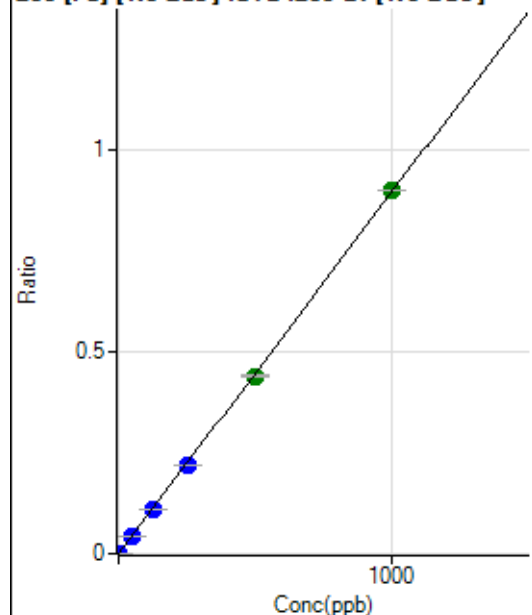
$$DL = 0.00571$$

$$BEC = 0.02119$$

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	1520.51	0.0001	P	8.0
2	☐	1.000	0.966	19088.24	0.0009	P	2.6
3	☐	50.000	49.270	891868.43	0.0441	P	1.6
4	☐	125.000	123.866	2180529.26	0.1107	P	0.8
5	☐	250.000	246.828	4184560.54	0.2204	P	0.3
6	☐	500.000	492.532	8125619.40	0.4398	A	0.5
7	☐	1000.000	1004.706	15952849.89	0.8970	A	0.2
8	☐			11955.72	0.0007	P	1.6

$$y = 8.9270E-004 * x + 7.9649E-005$$

$$R = 1.0000$$

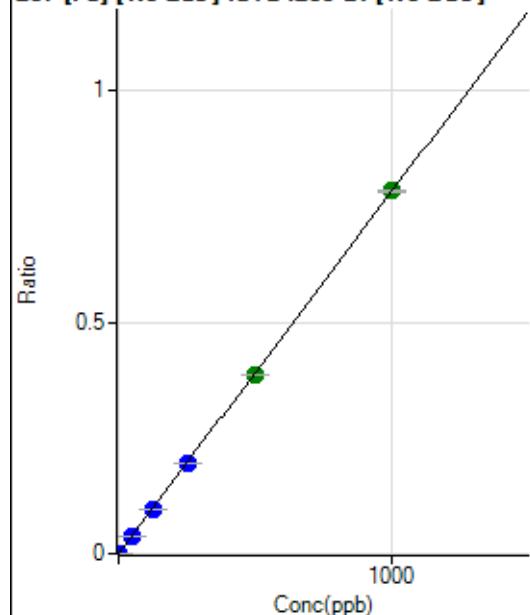
$$DL = 0.02133$$

$$BEC = 0.08922$$

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	1444.56	0.0001	P	3.5
2	☐	1.000	0.929	16265.94	0.0008	P	2.5
3	☐	50.000	49.499	784982.66	0.0388	P	1.0
4	☐	125.000	123.920	1910966.16	0.0970	P	0.7
5	☐	250.000	248.136	3684848.98	0.1941	P	0.6
6	☐	500.000	495.413	7159276.03	0.3875	A	0.2
7	☐	1000.000	1002.920	13948894.99	0.7843	A	0.5
8	☐			10484.07	0.0006	P	0.8

$$y = 7.8195E-004 * x + 7.5666E-005$$

$$R = 1.0000$$

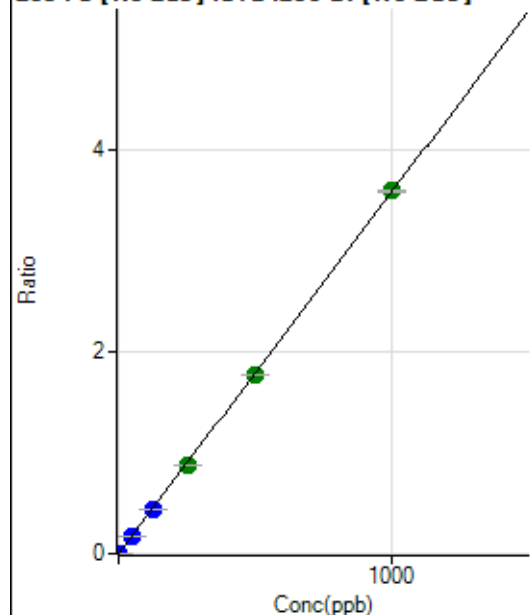
$$DL = 0.01013$$

$$BEC = 0.09677$$

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	5472.80	0.0003	P	0.7
2	☐	1.000	0.949	74603.36	0.0037	P	0.5
3	☐	50.000	49.483	3588532.25	0.1773	P	1.0
4	☐	125.000	123.973	8744165.20	0.4437	P	0.7
5	☐	250.000	246.579	16749593.23	0.8823	A	0.2
6	☐	500.000	494.359	32678952.99	1.7686	A	0.3
7	☐	1000.000	1003.830	63865538.00	3.5910	A	0.5
8	☐			47261.58	0.0029	P	1.3

$$y = 0.0036 * x + 2.8667E-004$$

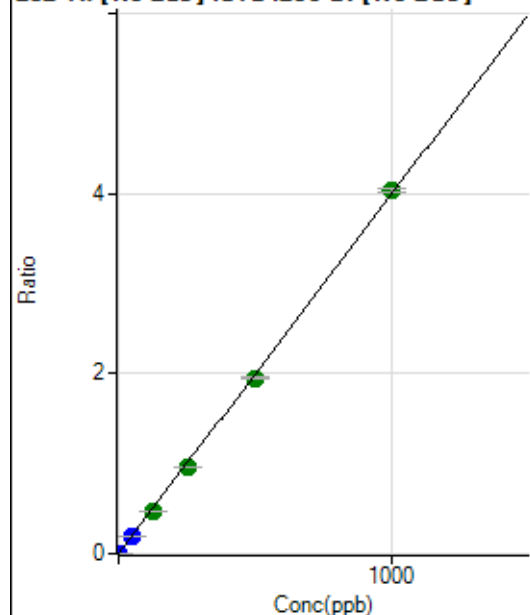
$$R = 1.0000$$

$$DL = 0.001621$$

$$BEC = 0.08014$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2791.13	0.0001	P	9.7
2	☐	1.000	0.787	66618.04	0.0033	P	1.0
3	☐	50.000	46.569	3765510.24	0.1860	P	1.1
4	☐	125.000	117.724	9262661.14	0.4701	A	1.0
5	☐	250.000	240.253	18208717.42	0.9591	A	0.7
6	☐	500.000	488.498	36030965.62	1.9500	A	0.8
7	☐	1000.000	1009.269	71649505.77	4.0288	A	1.0
8	☐			13171.79	0.0008	P	1.2

$$y = 0.0040 * x + 1.4626E-004$$

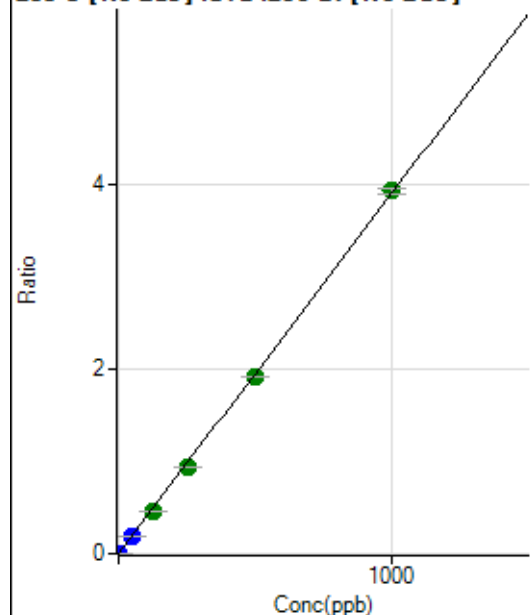
$$R = 0.9998$$

$$DL = 0.01067$$

$$BEC = 0.03664$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3211.67	0.0002	P	5.0
2	☐	1.000	0.881	73168.32	0.0036	P	0.9
3	☐	50.000	46.581	3688177.25	0.1822	P	1.4
4	☐	125.000	117.624	9061616.96	0.4599	A	0.9
5	☐	250.000	242.024	17959390.16	0.9460	A	0.4
6	☐	500.000	490.613	35430252.53	1.9175	A	0.5
7	☐	1000.000	1007.781	70045111.29	3.9387	A	1.2
8	☐			5087.35	0.0003	P	5.6

$$y = 0.0039 * x + 1.6824E-004$$

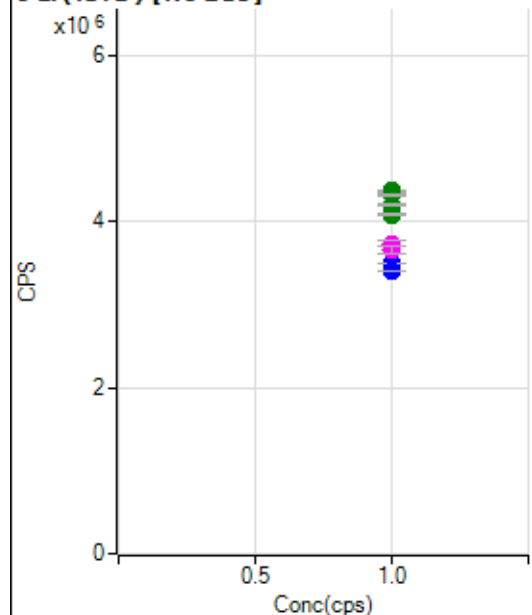
$$R = 0.9999$$

$$DL = 0.006407$$

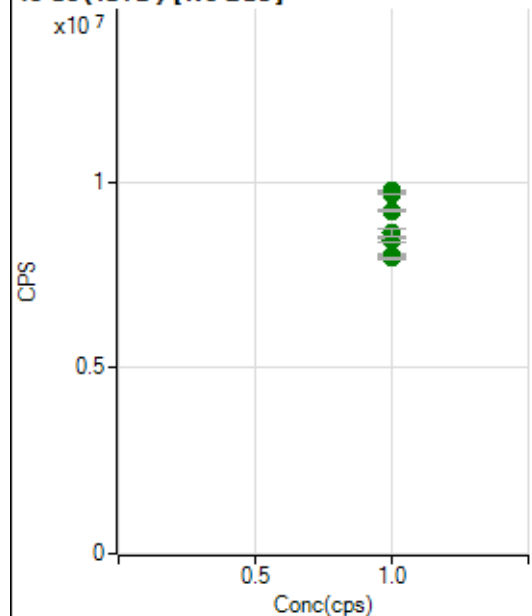
$$BEC = 0.04305$$

Weight: <None>

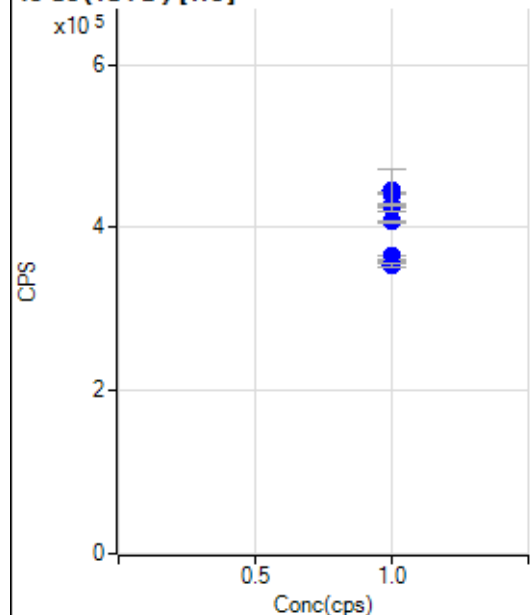
Min Conc: 0

6 Li (ISTD) [No Gas]

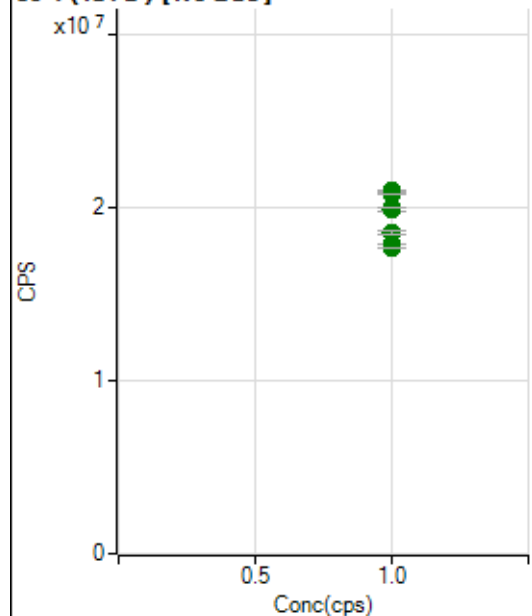
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4203819.79		A	0.4
2	☐	1.000		4372911.09		A	0.4
3	☐	1.000		4323261.66		A	0.2
4	☐	1.000		4088693.87		A	0.4
5	☐	1.000		3740303.35		M	1.5
6	☐	1.000		3501668.04		P	0.5
7	☐	1.000		3405842.41		P	0.5
8	☐	1.000		3662242.21		M	2.8

45 Sc (ISTD) [No Gas]

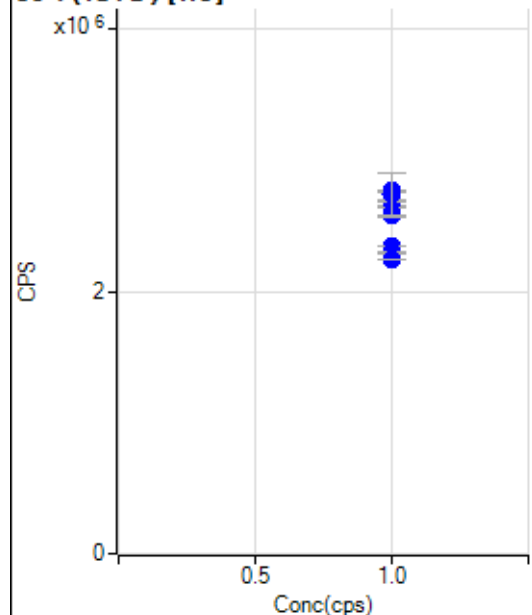
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9236557.58		A	0.2
2	☐	1.000		9765264.98		A	0.7
3	☐	1.000		9673789.36		A	0.3
4	☐	1.000		9226702.72		A	0.3
5	☐	1.000		8433779.87		A	1.6
6	☐	1.000		8042596.19		A	0.6
7	☐	1.000		7951847.40		A	0.6
8	☐	1.000		8663363.13		A	2.3

45 Sc (ISTD) [He]

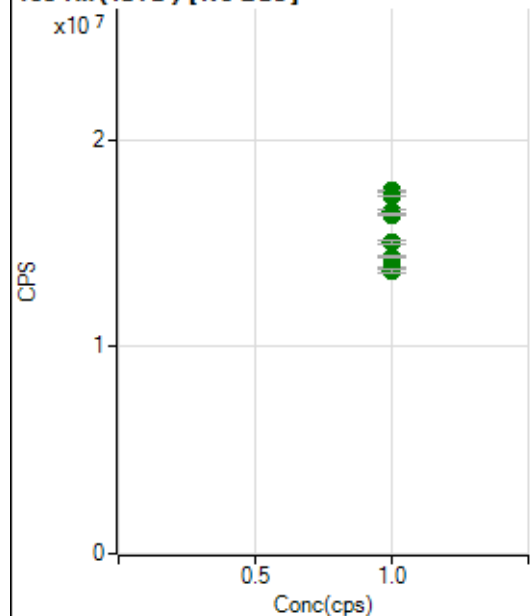
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		425756.90		P	0.3
2	☐	1.000		441683.66		P	0.6
3	☐	1.000		427886.13		P	0.6
4	☐	1.000		407050.91		P	0.4
5	☐	1.000		365240.34		P	0.4
6	☐	1.000		360338.72		P	0.4
7	☐	1.000		353647.61		P	1.3
8	☐	1.000		445037.04		P	11.6

89 Y (ISTD) [No Gas]

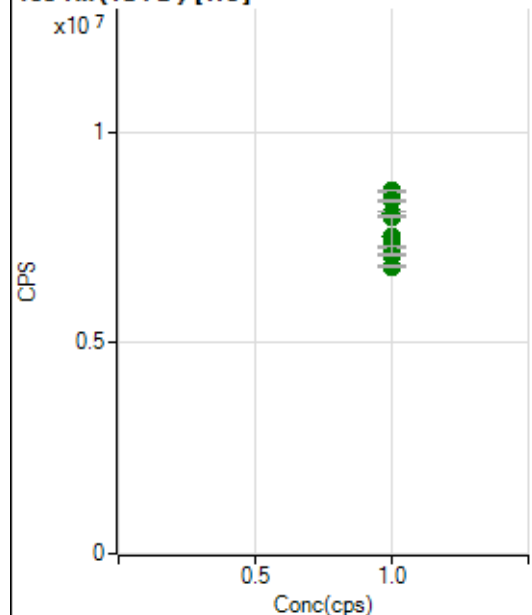
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		19886345.96		A	0.9
2	☐	1.000		20974160.80		A	0.6
3	☐	1.000		20830804.83		A	0.1
4	☐	1.000		19999760.95		A	0.4
5	☐	1.000		18584217.36		A	1.2
6	☐	1.000		17932171.12		A	0.2
7	☐	1.000		17688269.88		A	0.4
8	☐	1.000		18528879.86		A	1.0

89 Y (ISTD) [He]

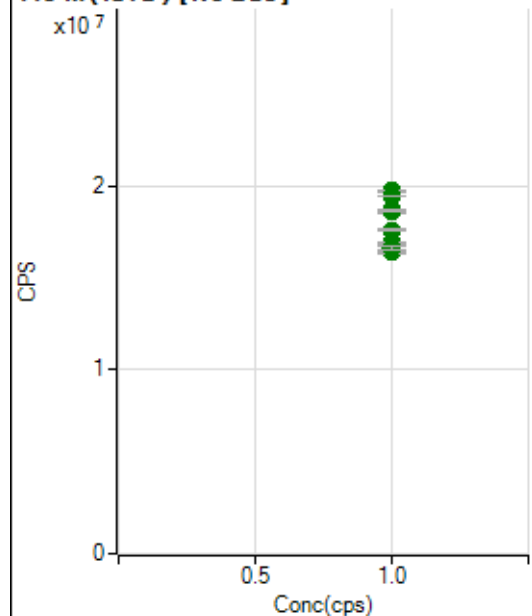
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2650872.63		P	0.9
2	☐	1.000		2768201.56		P	0.3
3	☐	1.000		2685428.50		P	0.6
4	☐	1.000		2577623.02		P	0.3
5	☐	1.000		2345503.94		P	0.4
6	☐	1.000		2296455.70		P	0.7
7	☐	1.000		2243200.42		P	0.3
8	☐	1.000		2743740.46		P	11.8

103 Rh (ISTD) [No Gas]

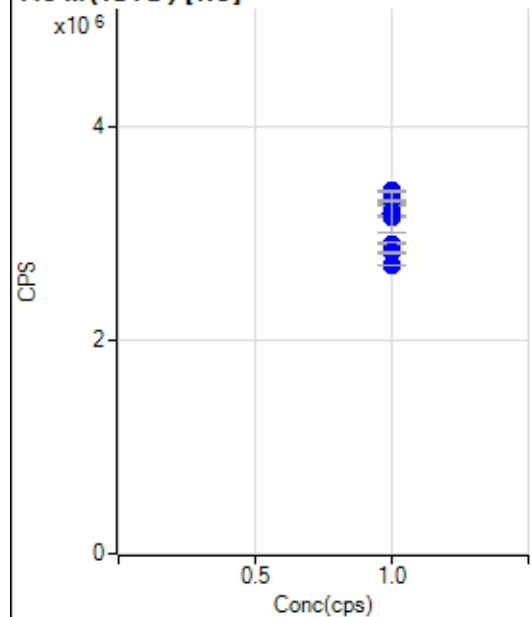
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		16525461.83		A	0.8
2	☐	1.000		17510684.07		A	0.3
3	☐	1.000		17254824.87		A	0.2
4	☐	1.000		16362743.07		A	0.5
5	☐	1.000		15011709.01		A	1.5
6	☐	1.000		14311446.67		A	0.6
7	☐	1.000		13805441.11		A	0.4
8	☐	1.000		13655089.89		A	0.9

103 Rh (ISTD) [He]

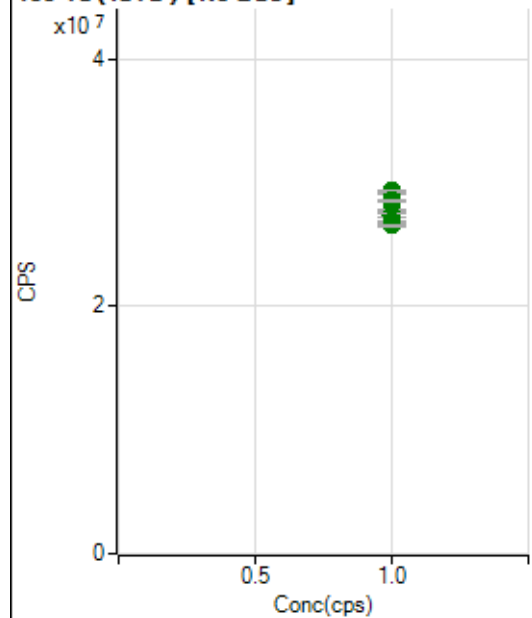
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		8070830.99		A	0.8
2	☐	1.000		8597138.76		A	0.3
3	☐	1.000		8365340.08		A	0.5
4	☐	1.000		7979736.20		A	0.5
5	☐	1.000		7276729.96		A	0.4
6	☐	1.000		7064163.22		A	0.3
7	☐	1.000		6809105.94		A	0.1
8	☐	1.000		7540911.28		A	11.7

115 In (ISTD) [No Gas]

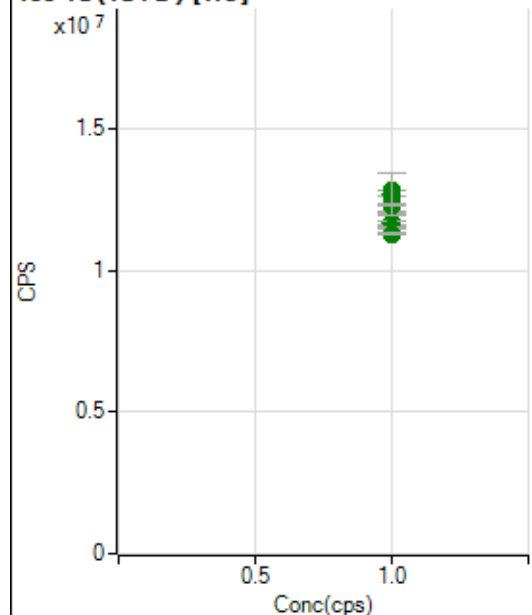
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		18604167.03		A	0.6
2	☐	1.000		19749083.66		A	0.4
3	☐	1.000		19476532.44		A	0.5
4	☐	1.000		18702937.45		A	0.4
5	☐	1.000		17634087.98		A	0.8
6	☐	1.000		16910165.53		A	0.6
7	☐	1.000		16392113.71		A	0.2
8	☐	1.000		16641748.78		A	0.7

115 In (ISTD) [He]

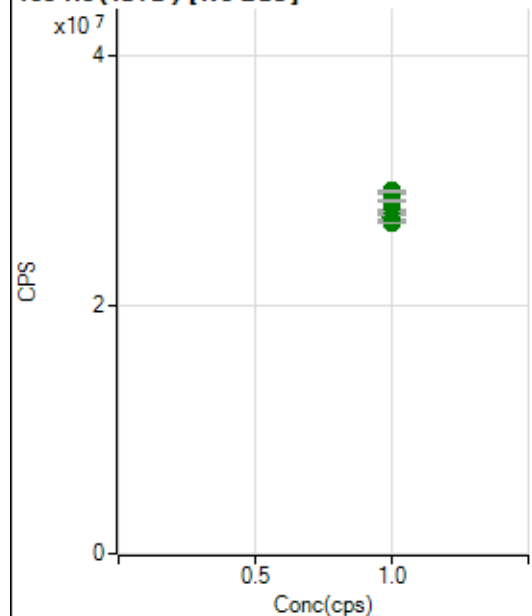
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3268246.29		P	0.7
2	☐	1.000		3400687.83		P	0.1
3	☐	1.000		3313141.57		P	0.4
4	☐	1.000		3162024.36		P	0.3
5	☐	1.000		2909185.88		P	0.5
6	☐	1.000		2822132.00		P	0.8
7	☐	1.000		2702949.38		P	0.5
8	☐	1.000		3197411.50		P	11.9

159 Tb (ISTD) [No Gas]

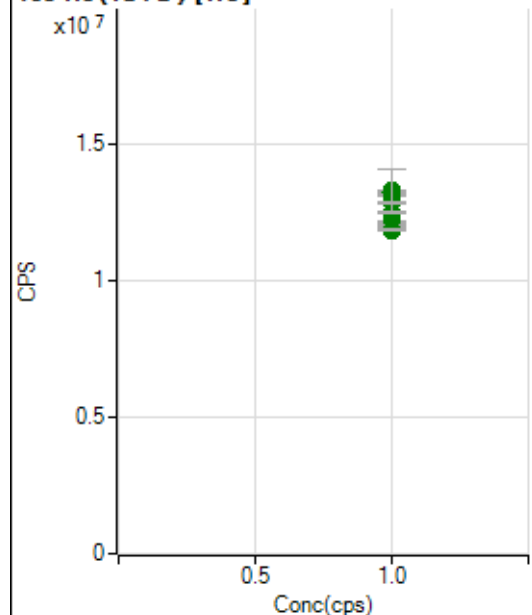
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		27774871.25		A	0.4
2	☐	1.000		29219744.01		A	0.5
3	☐	1.000		29338550.40		A	0.4
4	☐	1.000		28575511.80		A	0.3
5	☐	1.000		27321054.32		A	1.0
6	☐	1.000		26963869.32		A	0.1
7	☐	1.000		26643757.66		A	0.5
8	☐	1.000		26533515.44		A	0.2

159 Tb (ISTD) [He]

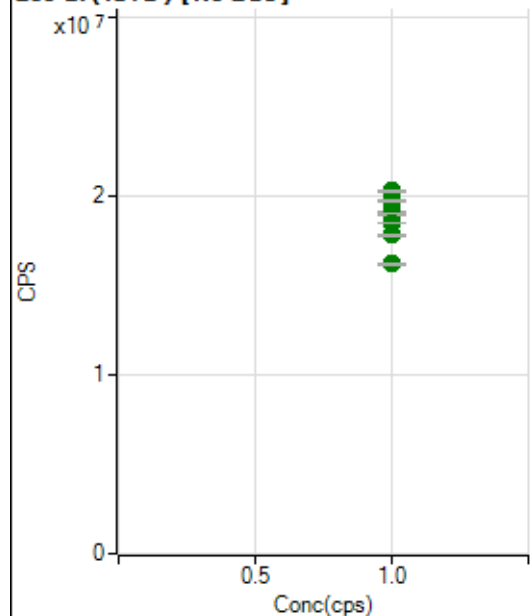
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12090674.12		A	0.7
2	☐	1.000		12834349.53		A	0.2
3	☐	1.000		12666582.59		A	0.1
4	☐	1.000		12338579.82		A	0.9
5	☐	1.000		11699963.02		A	0.7
6	☐	1.000		11510849.55		A	0.7
7	☐	1.000		11322301.63		A	0.2
8	☐	1.000		12717371.90		A	12.0

165 Ho (ISTD) [No Gas]

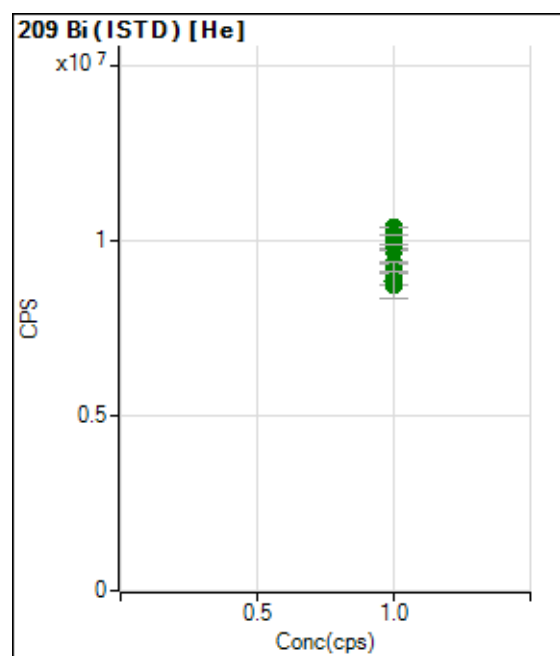
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		27565209.29		A	0.8
2	☐	1.000		28980962.45		A	0.2
3	☐	1.000		29157532.94		A	0.8
4	☐	1.000		28357088.48		A	0.3
5	☐	1.000		27408603.39		A	0.8
6	☐	1.000		27117058.94		A	1.1
7	☐	1.000		26763443.13		A	0.7
8	☐	1.000		26563990.53		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		12480000.79		A	0.3
2	☐	1.000		13276851.61		A	0.2
3	☐	1.000		13137562.03		A	0.2
4	☐	1.000		12859892.73		A	0.4
5	☐	1.000		12135460.37		A	0.6
6	☐	1.000		12020987.46		A	0.7
7	☐	1.000		11850793.16		A	0.3
8	☐	1.000		13233194.25		A	12.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		19090395.27		A	0.5
2	☐	1.000		20271362.48		A	0.7
3	☐	1.000		20241882.47		A	0.5
4	☐	1.000		19706090.54		A	0.4
5	☐	1.000		18983937.08		A	0.5
6	☐	1.000		18477224.31		A	0.3
7	☐	1.000		17785006.96		A	0.7
8	☐	1.000		16188820.31		A	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9722681.80		A	0.7
2	☐	1.000		10351968.73		A	0.0
3	☐	1.000		10170439.78		A	0.1
4	☐	1.000		9874250.34		A	0.3
5	☐	1.000		9342752.78		A	0.5
6	☐	1.000		9092243.82		A	0.4
7	☐	1.000		8742631.05		A	0.2
8	☐	1.000		8859386.05		A	11.9

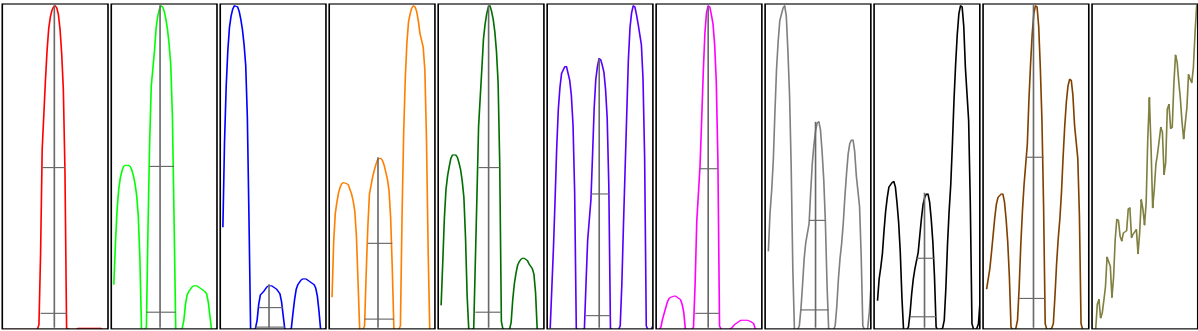
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7091319-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	14577	0.85	5.00	
24	182056	0.85	5.00	
25	24395	0.94	5.00	
26	28811	0.64	5.00	
59	151437	0.79	5.00	
113	23951	0.80	5.00	
115	276155	0.80	5.00	
206	80510	0.49	5.00	
207	74467	0.68	5.00	
208	174126	0.52	5.00	
220	163	4.36		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	14583	14731	14627	14553	14392
24	182205	184114	182786	181062	180114
25	24493	24629	24536	24250	24069
26	28908	28881	28979	28781	28505
59	151825	152671	151818	151409	149461
113	23825	24160	24154	23850	23765
115	275651	278897	277968	274526	273733
206	79990	81055	80651	80320	80534
207	74393	75085	74882	73990	73985
208	174032	175173	174916	173241	173268
220	167	164	171	157	154

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	23393	9.00	8.9 - 9.1		0.786	0.900	
24	277722	23.90	23.9 - 24.1		0.835	0.900	
25	37252	24.90	24.9 - 25.1		0.831	0.900	
26	43541	25.90	25.9 - 26.1		0.835	0.900	
59	250516	58.95	58.9 - 59.1		0.786	0.900	
113	44730	113.00	112.9 - 113.1		0.732	0.900	
115	519170	115.00	114.9 - 115.1		0.730	0.900	
206	156961	205.95	205.9 - 206.1		0.781	0.900	
207	143793	206.95	206.9 - 207.1		0.754	0.900	
208	344728	207.95	207.9 - 208.1		0.755	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.7	V	Deflect	12.6	V
Extract 2	-150.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	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	150	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	41912	0.55	
89	51104	0.39	
205	68420	0.33	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	42070	42215	41815	41620	41842
89	51142	51322	51011	51237	50807
205	68377	68810	68216	68360	68335

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.3	V	Deflect	1.4	V
Extract 2	-140.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	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	4.1	mL/min	OctP RF	190	V			

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:39:02	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.09	-0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.00	-0.03	0.02	0.00	N/A	ppb
Boron	10-1	0.14	-0.12	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.56	-0.11	0.67	0.00	N/A	ppb
Cadmium	108-1	0.04	0.02	-0.06	0.00	N/A	ppb
Cadmium	111-1	-0.05	-0.01	0.05	0.00	N/A	ppb
Calcium	43-1	0.29	0.07	-0.36	0.00	N/A	ppb
Calcium	44-1	0.11	0.36	-0.47	0.00	N/A	ppb
Chromium	52-2	-0.01	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.03	0.02	-0.05	0.00	N/A	ppb
Iron	57-2	-0.24	0.35	-0.11	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.13	0.16	-0.29	0.00	N/A	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:39:02	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-41.36	-34.72	-20.35	-32.14		ppb
Potassium	39-2	1.33	-0.93	-0.40	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.09	-0.09	0.18	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.05	0.21	0.00	N/A	ppb
Selenium	82-1	0.52	-0.32	-0.20	0.00	N/A	ppb
Silicon	28-1	0.04	-0.09	0.05	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.07	0.08	-0.01	0.00	N/A	ppb
Strontium	86-1	-0.06	0.06	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	79.79	69.11	127.45	92.12	33.72	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:39:02	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	0.00	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 11:42:37 DataFile Name : 003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.38	20.50	23.24	22.04	6.36	ppb
Antimony	121-1	1.93	1.98	1.95	1.96	1.22	ppb
Arsenic	75-2	1.12	0.98	1.07	1.06	6.68	ppb
Barium	135-1	10.48	10.38	10.43	10.43	0.48	ppb
Barium	137-1	10.42	10.55	10.43	10.47	0.70	ppb
Beryllium	9-1	1.00	0.96	1.01	0.99	2.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	11-1	23.00	23.45	23.56	23.33	1.27	ppb
Boron	10-1	21.81	23.11	24.48	23.13	5.76	ppb
Cadmium	106-1	0.81	1.39	1.97	1.39	41.52	ppb
Cadmium	108-1	0.93	0.84	0.74	0.84	11.17	ppb
Cadmium	111-1	1.03	1.00	1.05	1.03	2.43	ppb
Calcium	43-1	506.99	514.80	505.23	509.01	1.00	ppb
Calcium	44-1	503.21	502.42	501.12	502.25	0.21	ppb
Chromium	52-2	2.01	1.99	2.01	2.00	0.69	ppb
Cobalt	59-2	1.00	1.04	0.99	1.01	2.87	ppb
Copper	63-2	1.93	1.88	1.94	1.92	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	58.93	59.41	59.50	59.28	0.52	ppb
Iron	57-2	63.17	62.84	62.89	62.97	0.28	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.97	0.99	0.97	2.88	ppb
Lead	207-1	0.96	0.91	0.92	0.93	2.76	ppb
Lead	208-1	0.95	0.95	0.95	0.95	0.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	582.98	583.15	583.50	583.21	0.05	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:42:37	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.03	1.02	1.04	2.33	ppb
Molybdenum	94-1	4.53	4.55	4.57	4.55	0.39	ppb
Molybdenum	95-1	4.80	4.86	4.62	4.76	2.69	ppb
Molybdenum	96-1	4.75	4.72	4.63	4.70	1.27	ppb
Molybdenum	97-1	4.81	4.88	4.93	4.87	1.18	ppb
Molybdenum	98-1	4.68	4.70	4.69	4.69	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.00	1.06	1.04	3.64	ppb
Phosphorus	31-2	26.79	23.30	46.34	32.14	38.64	ppb
Potassium	39-2	549.35	555.56	545.67	550.20	0.91	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	8.47	4.83	4.55	5.95	36.73	ppb
Selenium	78-2	6.20	4.93	6.20	5.78	12.66	ppb
Selenium	82-1	4.88	5.03	5.32	5.08	4.40	ppb
Silicon	28-1	8.52	8.71	8.60	8.61	1.13	ppb
Silver	109-1	0.96	0.97	0.95	0.96	0.93	ppb
Silver	107-1	0.96	0.95	0.97	0.96	1.13	ppb
Sodium	23-2	551.38	549.72	551.08	550.73	0.16	ppb
Strontium	86-1	0.88	0.79	0.87	0.85	6.06	ppb
Strontium	88-1	1.01	0.99	0.98	0.99	1.41	ppb
Sulfur	34-1	-112.92	-41.60	-121.83	-92.12		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.93	0.95	0.97	0.95	1.75	ppb
Thallium	205-1	0.94	0.95	0.96	0.95	1.30	ppb
Thorium	232-1	0.80	0.79	0.78	0.79	1.09	ppb
Tin	118-1	5.41	5.11	5.32	5.28	2.93	ppb
Titanium	47-1	5.26	5.20	5.03	5.16	2.28	ppb
Uranium	238-1	0.87	0.88	0.89	0.88	0.98	ppb
Vanadium	51-2	5.23	5.09	5.33	5.22	2.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:42:37	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.15	2.05	1.96	2.05	4.60	ppb
Zirconium	90-1	0.92	0.84	0.85	0.87	5.03	ppb
Zirconium	91-1	0.83	0.86	0.87	0.86	2.66	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:47:14	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1107.02	1103.45	1105.91	1105.46	0.16	ppb
Antimony	121-1	51.68	52.31	51.86	51.95	0.63	ppb
Arsenic	75-2	51.74	52.43	51.40	51.85	1.01	ppb
Barium	135-1	261.71	260.07	259.16	260.31	0.50	ppb
Barium	137-1	261.33	261.04	261.06	261.14	0.06	ppb
Beryllium	9-1	50.99	51.99	51.61	51.53	0.98	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	48.20	49.08	49.56	48.95	1.41	ppb
Boron	10-1	50.24	48.84	49.59	49.56	1.41	ppb
Cadmium	106-1	51.55	51.14	52.18	51.62	1.02	ppb
Cadmium	108-1	53.18	52.28	51.24	52.23	1.86	ppb
Cadmium	111-1	51.25	52.10	51.59	51.65	0.82	ppb
Calcium	43-1	5246.00	5284.96	5319.39	5283.45	0.69	ppb
Calcium	44-1	5244.17	5254.17	5254.80	5251.05	0.11	ppb
Chromium	52-2	51.36	51.45	51.45	51.42	0.10	ppb
Cobalt	59-2	51.97	52.10	52.55	52.20	0.59	ppb
Copper	63-2	98.99	99.60	99.65	99.42	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	2902.38	2906.02	2915.84	2908.08	0.24	ppb
Iron	57-2	2897.85	2913.34	2913.96	2908.38	0.31	ppb
Krypton	83-1						cps
Lead	206-1	48.38	49.90	49.53	49.27	1.61	ppb
Lead	207-1	48.92	49.71	49.87	49.50	1.03	ppb
Lead	208-1	48.89	49.76	49.80	49.48	1.04	ppb
Lithium	6-1				103		%
Magnesium	24-2	5802.14	5786.21	5853.31	5813.89	0.60	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:47:14	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.50	102.49	101.58	102.19	0.52	ppb
Molybdenum	94-1	251.62	251.98	250.65	251.42	0.27	ppb
Molybdenum	95-1	252.85	254.06	250.79	252.57	0.65	ppb
Molybdenum	96-1	252.69	253.11	251.62	252.47	0.30	ppb
Molybdenum	97-1	251.23	252.53	249.48	251.08	0.61	ppb
Molybdenum	98-1	251.75	251.85	250.29	251.30	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.55	53.33	52.78	53.22	0.75	ppb
Phosphorus	31-2	1059.84	1022.56	1011.61	1031.34	2.45	ppb
Potassium	39-2	2780.77	2775.30	2790.56	2782.21	0.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	57.78	52.50	53.94	54.74	4.99	ppb
Selenium	78-2	53.85	53.77	51.07	52.90	2.99	ppb
Selenium	82-1	52.99	52.90	53.00	52.97	0.10	ppb
Silicon	28-1	54.02	54.59	55.45	54.68	1.32	ppb
Silver	109-1	53.76	54.64	53.51	53.97	1.10	ppb
Silver	107-1	53.81	54.78	54.17	54.26	0.90	ppb
Sodium	23-2	5670.50	5655.88	5654.15	5660.18	0.16	ppb
Strontium	86-1	50.46	50.63	49.94	50.34	0.71	ppb
Strontium	88-1	50.52	50.45	50.04	50.34	0.51	ppb
Sulfur	34-1	980.59	933.07	935.70	949.79	2.81	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	48.59	49.68	49.89	49.39	1.42	ppb
Thallium	205-1	48.69	49.74	49.80	49.41	1.27	ppb
Thorium	232-1	46.07	47.08	46.56	46.57	1.08	ppb
Tin	118-1	52.07	52.91	52.36	52.45	0.81	ppb
Titanium	47-1	253.18	254.65	249.21	252.35	1.11	ppb
Uranium	238-1	46.39	47.32	46.03	46.58	1.42	ppb
Vanadium	51-2	50.90	50.52	51.35	50.92	0.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:47:14	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	102.04	102.26	103.72	102.67	0.89	ppb
Zirconium	90-1	50.48	50.62	50.38	50.49	0.23	ppb
Zirconium	91-1	50.37	50.08	50.50	50.32	0.42	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 11:51:24 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2770.88	2738.04	2765.20	2758.04	0.64	ppb
Antimony	121-1	129.14	129.74	130.70	129.86	0.60	ppb
Arsenic	75-2	128.82	128.11	129.00	128.64	0.37	ppb
Barium	135-1	645.58	647.27	646.01	646.29	0.14	ppb
Barium	137-1	642.75	649.70	645.91	646.12	0.54	ppb
Beryllium	9-1	127.39	128.32	126.38	127.36	0.76	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	119.98	121.28	124.24	121.83	1.79	ppb
Boron	10-1	120.49	123.88	123.84	122.74	1.59	ppb
Cadmium	106-1	128.65	127.11	128.84	128.20	0.74	ppb
Cadmium	108-1	127.33	129.58	127.66	128.19	0.95	ppb
Cadmium	111-1	126.30	126.44	127.74	126.83	0.63	ppb
Calcium	43-1	13145.39	13143.57	13348.66	13212.54	0.89	ppb
Calcium	44-1	13094.84	13062.42	13062.08	13073.12	0.14	ppb
Chromium	52-2	126.58	126.64	128.34	127.19	0.79	ppb
Cobalt	59-2	128.62	128.28	129.09	128.66	0.32	ppb
Copper	63-2	243.45	245.00	242.85	243.77	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	7247.53	7260.95	7201.07	7236.52	0.43	ppb
Iron	57-2	7232.85	7290.01	7234.84	7252.57	0.45	ppb
Krypton	83-1						cps
Lead	206-1	123.07	124.97	123.55	123.87	0.80	ppb
Lead	207-1	122.89	124.41	124.46	123.92	0.72	ppb
Lead	208-1	123.12	124.81	124.00	123.97	0.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	14470.94	14426.27	14541.88	14479.70	0.40	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 11:51:24 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	251.94	254.23	254.46	253.54	0.55	ppb
Molybdenum	94-1	623.81	630.85	627.67	627.44	0.56	ppb
Molybdenum	95-1	627.69	631.34	630.50	629.84	0.30	ppb
Molybdenum	96-1	628.82	632.88	628.46	630.05	0.39	ppb
Molybdenum	97-1	627.83	632.13	621.78	627.25	0.83	ppb
Molybdenum	98-1	628.65	629.36	618.97	625.66	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.53	129.75	130.00	129.76	0.18	ppb
Phosphorus	31-2	2607.96	2462.65	2514.63	2528.41	2.91	ppb
Potassium	39-2	6884.08	6923.16	6926.70	6911.32	0.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	141.02	135.36	130.86	135.75	3.75	ppb
Selenium	78-2	130.80	126.57	131.01	129.46	1.94	ppb
Selenium	82-1	130.56	130.47	131.64	130.89	0.50	ppb
Silicon	28-1	145.37	147.80	150.29	147.82	1.66	ppb
Silver	109-1	130.09	131.76	132.23	131.36	0.86	ppb
Silver	107-1	131.55	131.19	132.07	131.60	0.34	ppb
Sodium	23-2	14046.83	14201.17	14103.97	14117.32	0.55	ppb
Strontium	86-1	123.96	125.00	125.71	124.89	0.70	ppb
Strontium	88-1	125.96	125.60	125.42	125.66	0.22	ppb
Sulfur	34-1	2387.35	2387.15	2419.55	2398.02	0.78	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	121.99	124.23	122.04	122.75	1.04	ppb
Thallium	205-1	123.52	125.20	123.52	124.08	0.78	ppb
Thorium	232-1	116.42	118.88	117.86	117.72	1.05	ppb
Tin	118-1	129.35	130.10	130.15	129.87	0.34	ppb
Titanium	47-1	622.77	626.99	623.83	624.53	0.35	ppb
Uranium	238-1	116.47	118.61	117.79	117.62	0.92	ppb
Vanadium	51-2	126.32	125.98	126.78	126.36	0.32	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:51:24	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	251.46	252.51	252.54	252.17	0.25	ppb
Zirconium	90-1	124.84	125.71	125.86	125.47	0.44	ppb
Zirconium	91-1	124.74	125.94	125.72	125.47	0.51	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:55:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5463.25	5488.70	5486.86	5479.60	0.26	ppb
Antimony	121-1	255.97	257.36	256.50	256.61	0.27	ppb
Arsenic	75-2	251.58	252.67	250.99	251.75	0.34	ppb
Barium	135-1	1274.11	1276.77	1276.19	1275.69	0.11	ppb
Barium	137-1	1275.47	1265.47	1266.86	1269.26	0.43	ppb
Beryllium	9-1	251.89	253.75	255.02	253.55	0.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	237.19	241.34	246.97	241.83	2.03	ppb
Boron	10-1	240.25	241.80	250.10	244.05	2.17	ppb
Cadmium	106-1	248.83	247.67	250.25	248.92	0.52	ppb
Cadmium	108-1	249.17	251.20	250.70	250.36	0.42	ppb
Cadmium	111-1	248.56	246.30	250.05	248.30	0.76	ppb
Calcium	43-1	26200.74	26677.01	26045.73	26307.83	1.25	ppb
Calcium	44-1	26034.34	26311.39	26027.73	26124.49	0.62	ppb
Chromium	52-2	256.06	255.88	256.31	256.09	0.08	ppb
Cobalt	59-2	257.69	256.11	255.65	256.48	0.42	ppb
Copper	63-2	485.83	485.12	481.52	484.16	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	14671.04	14556.81	14543.96	14590.60	0.48	ppb
Iron	57-2	14645.96	14551.01	14548.60	14581.86	0.38	ppb
Krypton	83-1						cps
Lead	206-1	247.40	247.05	246.04	246.83	0.29	ppb
Lead	207-1	246.53	249.33	248.55	248.14	0.58	ppb
Lead	208-1	246.22	247.24	246.28	246.58	0.23	ppb
Lithium	6-1				89		%
Magnesium	24-2	29142.39	29157.89	28755.06	29018.45	0.79	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:55:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	511.82	511.18	511.27	511.42	0.07	ppb
Molybdenum	94-1	1241.33	1249.86	1235.86	1242.35	0.57	ppb
Molybdenum	95-1	1253.13	1252.77	1248.49	1251.47	0.21	ppb
Molybdenum	96-1	1249.80	1244.72	1251.59	1248.71	0.29	ppb
Molybdenum	97-1	1249.39	1239.49	1254.37	1247.75	0.61	ppb
Molybdenum	98-1	1245.53	1235.37	1247.95	1242.95	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.99	260.72	258.53	259.75	0.43	ppb
Phosphorus	31-2	4980.57	4964.43	5256.32	5067.10	3.24	ppb
Potassium	39-2	13775.20	13725.30	13715.30	13738.60	0.23	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	257.29	256.53	261.39	258.40	1.01	ppb
Selenium	78-2	255.95	263.66	253.14	257.58	2.11	ppb
Selenium	82-1	258.70	259.16	260.84	259.57	0.43	ppb
Silicon	28-1	297.02	305.51	306.09	302.87	1.68	ppb
Silver	109-1	253.87	253.85	254.38	254.03	0.12	ppb
Silver	107-1	255.53	254.74	255.50	255.26	0.18	ppb
Sodium	23-2	28579.06	28594.90	28233.70	28469.22	0.72	ppb
Strontium	86-1	249.36	250.55	249.66	249.86	0.25	ppb
Strontium	88-1	250.97	249.64	251.05	250.56	0.32	ppb
Sulfur	34-1	4841.29	4955.08	4774.27	4856.88	1.88	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	245.71	247.94	246.31	246.65	0.47	ppb
Thallium	205-1	244.30	244.12	243.53	243.98	0.16	ppb
Thorium	232-1	242.15	239.69	238.91	240.25	0.70	ppb
Tin	118-1	255.06	256.04	258.07	256.39	0.60	ppb
Titanium	47-1	1238.30	1246.97	1235.47	1240.25	0.48	ppb
Uranium	238-1	243.09	242.04	240.94	242.02	0.44	ppb
Vanadium	51-2	252.41	254.00	253.05	253.15	0.32	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:55:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	505.11	506.94	504.39	505.48	0.26	ppb
Zirconium	90-1	249.61	250.70	252.34	250.89	0.55	ppb
Zirconium	91-1	248.11	252.11	248.37	249.53	0.90	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 11:59:01 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10725.60	10676.61	10804.96	10735.72	0.60	ppb
Antimony	121-1	499.89	498.26	498.53	498.89	0.18	ppb
Arsenic	75-2	498.22	499.30	495.90	497.81	0.35	ppb
Barium	135-1	2489.03	2487.66	2494.36	2490.35	0.14	ppb
Barium	137-1	2486.79	2488.09	2493.88	2489.59	0.15	ppb
Beryllium	9-1	505.68	500.80	505.22	503.90	0.54	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	11-1	491.60	492.60	501.75	495.32	1.13	ppb
Boron	10-1	495.65	491.60	504.26	497.17	1.30	ppb
Cadmium	106-1	482.22	477.68	479.57	479.83	0.48	ppb
Cadmium	108-1	484.71	484.31	482.30	483.77	0.27	ppb
Cadmium	111-1	479.80	476.08	479.27	478.38	0.42	ppb
Calcium	43-1	52860.93	52450.07	52864.96	52725.32	0.45	ppb
Calcium	44-1	52481.05	51871.92	52215.17	52189.38	0.59	ppb
Chromium	52-2	501.19	495.58	504.05	500.27	0.86	ppb
Cobalt	59-2	498.98	497.35	499.28	498.54	0.21	ppb
Copper	63-2	940.50	933.54	946.73	940.26	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	56-2	28416.67	28364.69	28727.99	28503.11	0.69	ppb
Iron	57-2	28407.29	28339.40	28739.15	28495.28	0.75	ppb
Krypton	83-1						cps
Lead	206-1	495.35	490.63	491.61	492.53	0.51	ppb
Lead	207-1	496.30	495.94	494.01	495.41	0.25	ppb
Lead	208-1	496.23	492.96	493.89	494.36	0.34	ppb
Lithium	6-1				83		%
Magnesium	24-2	57272.15	56725.84	57620.98	57206.33	0.79	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:59:01	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.17	995.08	1012.80	1002.01	0.94	ppb
Molybdenum	94-1	2493.89	2503.27	2517.25	2504.81	0.47	ppb
Molybdenum	95-1	2489.73	2502.06	2502.27	2498.02	0.29	ppb
Molybdenum	96-1	2487.34	2488.24	2488.97	2488.18	0.03	ppb
Molybdenum	97-1	2490.28	2501.76	2477.11	2489.72	0.50	ppb
Molybdenum	98-1	2490.75	2496.31	2479.11	2488.72	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.96	501.81	503.96	502.91	0.21	ppb
Phosphorus	31-2	9962.13	9849.32	9876.09	9895.85	0.60	ppb
Potassium	39-2	27133.28	26918.33	27254.77	27102.13	0.63	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	490.76	487.80	493.71	490.76	0.60	ppb
Selenium	78-2	504.41	506.23	510.81	507.15	0.65	ppb
Selenium	82-1	512.45	512.62	508.79	511.29	0.42	ppb
Silicon	28-1	618.79	622.21	625.38	622.13	0.53	ppb
Silver	109-1	485.13	486.16	485.44	485.58	0.11	ppb
Silver	107-1	487.44	487.10	485.72	486.75	0.19	ppb
Sodium	23-2	56124.66	55843.29	56731.91	56233.28	0.81	ppb
Strontium	86-1	499.09	500.00	497.28	498.79	0.28	ppb
Strontium	88-1	499.25	499.88	498.94	499.35	0.10	ppb
Sulfur	34-1	10030.75	9801.01	9803.05	9878.27	1.34	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	493.86	491.06	493.42	492.78	0.31	ppb
Thallium	205-1	493.52	491.92	493.27	492.90	0.17	ppb
Thorium	232-1	491.79	483.93	489.78	488.50	0.84	ppb
Tin	118-1	502.34	502.29	497.82	500.82	0.52	ppb
Titanium	47-1	2513.16	2460.66	2466.90	2480.24	1.16	ppb
Uranium	238-1	492.82	488.22	490.79	490.61	0.47	ppb
Vanadium	51-2	497.35	494.63	501.43	497.80	0.69	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:59:01	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	980.79	977.40	991.19	983.13	0.73	ppb
Zirconium	90-1	497.64	496.58	498.45	497.56	0.19	ppb
Zirconium	91-1	500.57	498.50	500.44	499.84	0.23	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:02:47 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22028.82	21791.68	21688.76	21836.42	0.80	ppb
Antimony	121-1	1000.16	989.97	1004.46	998.20	0.75	ppb
Arsenic	75-2	998.20	1003.35	998.78	1000.11	0.28	ppb
Barium	135-1	5018.01	4959.83	5007.83	4995.22	0.62	ppb
Barium	137-1	5008.30	4987.28	4996.00	4997.19	0.21	ppb
Beryllium	9-1	1005.61	993.06	991.70	996.79	0.77	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	11-1	1002.15	1000.09	1012.38	1004.87	0.65	ppb
Boron	10-1	987.78	1005.76	1016.21	1003.25	1.43	ppb
Cadmium	106-1	1015.69	1008.10	1005.84	1009.88	0.51	ppb
Cadmium	108-1	1006.13	1005.86	1010.55	1007.51	0.26	ppb
Cadmium	111-1	1019.06	1006.73	1006.98	1010.92	0.70	ppb
Calcium	43-1	106210.68	105058.37	105177.01	105482.02	0.60	ppb
Calcium	44-1	105129.52	104409.17	104966.21	104834.97	0.36	ppb
Chromium	52-2	1009.54	1000.11	984.35	998.00	1.28	ppb
Cobalt	59-2	1006.27	1004.00	985.36	998.54	1.15	ppb
Copper	63-2	2060.51	2040.54	2002.87	2034.64	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	56-2	57537.95	57344.99	56235.69	57039.54	1.23	ppb
Iron	57-2	57697.45	57494.56	56445.59	57212.53	1.17	ppb
Krypton	83-1						cps
Lead	206-1	1006.04	1002.80	1005.28	1004.71	0.17	ppb
Lead	207-1	1005.57	997.35	1005.83	1002.92	0.48	ppb
Lead	208-1	1006.87	998.43	1006.18	1003.83	0.47	ppb
Lithium	6-1				81		%
Magnesium	24-2	116619.81	115110.60	114685.36	115471.92	0.88	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:02:47 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2013.42	2005.06	1968.28	1995.59	1.20	ppb
Molybdenum	94-1	5014.65	4995.27	4987.49	4999.13	0.28	ppb
Molybdenum	95-1	4999.03	5012.05	4988.59	4999.89	0.24	ppb
Molybdenum	96-1	5018.29	5022.22	4975.92	5005.48	0.51	ppb
Molybdenum	97-1	5001.84	5034.04	4980.23	5005.37	0.54	ppb
Molybdenum	98-1	5032.04	5026.02	4963.69	5007.25	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.81	1003.11	977.13	995.35	1.59	ppb
Phosphorus	31-2	20335.88	19874.06	19880.61	20030.18	1.32	ppb
Potassium	39-2	54868.13	54303.61	54174.00	54448.58	0.68	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				86		%
Scandium	45-2				83		%
Selenium	77-2	977.52	1024.96	1000.34	1000.94	2.37	ppb
Selenium	78-2	994.50	992.10	994.87	993.82	0.15	ppb
Selenium	82-1	996.52	990.70	986.03	991.08	0.53	ppb
Silicon	28-1	922.73	919.61	925.59	922.64	0.32	ppb
Silver	109-1	1004.44	1004.33	1006.86	1005.21	0.14	ppb
Silver	107-1	1008.03	996.81	1007.97	1004.27	0.64	ppb
Sodium	23-2	115302.80	113671.62	112863.27	113945.89	1.09	ppb
Strontium	86-1	1003.98	999.93	997.99	1000.64	0.31	ppb
Strontium	88-1	998.53	997.54	1004.18	1000.08	0.36	ppb
Sulfur	34-1	20354.79	20000.92	19980.00	20111.90	1.05	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	1008.17	1003.92	1002.19	1004.76	0.31	ppb
Thallium	205-1	1003.91	1003.47	1008.21	1005.20	0.26	ppb
Thorium	232-1	1013.07	1017.00	997.74	1009.27	1.01	ppb
Tin	118-1	1004.92	988.78	998.08	997.26	0.81	ppb
Titanium	47-1	5022.88	4995.00	5018.89	5012.26	0.30	ppb
Uranium	238-1	1020.80	1006.87	995.67	1007.78	1.25	ppb
Vanadium	51-2	1011.68	1000.63	987.96	1000.09	1.19	ppb
Yttrium	89-1				89		%
Yttrium	89-2				85		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:02:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2019.10	2015.48	1985.40	2006.66	0.92	ppb
Zirconium	90-1	1007.89	999.76	995.10	1000.92	0.65	ppb
Zirconium	91-1	1005.46	995.20	999.71	1000.13	0.51	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:06:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85826.51	105642.51	107113.95	99527.66	11.94	ppb
Antimony	121-1	1.40	1.48	1.55	1.48	4.91	ppb
Arsenic	75-2	0.95	1.47	1.32	1.25	21.31	ppb
Barium	135-1	0.46	0.48	0.48	0.48	1.96	ppb
Barium	137-1	0.47	0.45	0.44	0.45	3.86	ppb
Beryllium	9-1	0.13	0.08	0.06	0.09	36.30	ppb
Bismuth	209-1				85		%
Bismuth	209-2				91		%
Boron	11-1	51.20	49.77	46.23	49.07	5.22	ppb
Boron	10-1	52.40	49.00	44.39	48.60	8.27	ppb
Cadmium	106-1	0.71	0.07	0.60	0.46	74.19	ppb
Cadmium	108-1	0.09	0.14	0.13	0.12	21.27	ppb
Cadmium	111-1	0.17	0.09	0.14	0.13	29.56	ppb
Calcium	43-1	497443.07	497219.65	500972.33	498545.02	0.42	ppb
Calcium	44-1	496170.41	497382.80	502669.80	498741.00	0.69	ppb
Chromium	52-2	22.04	27.11	28.09	25.75	12.61	ppb
Cobalt	59-2	9.00	11.32	11.33	10.55	12.68	ppb
Copper	63-2	2.10	2.58	2.72	2.47	13.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				106		%
Indium	115-1				89		%
Indium	115-2				98		%
Iron	56-2	211735.92	264058.92	268530.67	248108.50	12.73	ppb
Iron	57-2	211761.51	263252.94	269209.71	248074.72	12.73	ppb
Krypton	83-1						cps
Lead	206-1	0.75	0.73	0.73	0.74	1.78	ppb
Lead	207-1	0.73	0.73	0.74	0.73	0.96	ppb
Lead	208-1	0.74	0.72	0.75	0.74	1.44	ppb
Lithium	6-1				87		%
Magnesium	24-2	424081.06	528862.84	534835.14	495926.35	12.56	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:06:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.95	6.28	6.31	5.85	13.28	ppb
Molybdenum	94-1	3.94	3.74	3.80	3.83	2.73	ppb
Molybdenum	95-1	5.19	5.12	4.83	5.04	3.81	ppb
Molybdenum	96-1	5.06	5.06	5.16	5.09	1.10	ppb
Molybdenum	97-1	5.08	5.08	4.71	4.96	4.32	ppb
Molybdenum	98-1	5.00	4.91	4.74	4.88	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.46	25.82	25.92	24.07	12.97	ppb
Phosphorus	31-2	-14.69	-27.62	-34.23	-25.51		ppb
Potassium	39-2	214710.32	262809.53	268936.20	248818.69	11.94	ppb
Rhodium	103-1				83		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				105		%
Selenium	77-2	0.60	1.03	0.19	0.61	69.22	ppb
Selenium	78-2	-0.04	0.17	0.50	0.21	129.51	ppb
Selenium	82-1	-0.29	0.68	-0.15	0.08	650.65	ppb
Silicon	28-1	47.79	48.63	48.59	48.33	0.98	ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.69	ppb
Silver	107-1	0.04	0.05	0.05	0.05	9.91	ppb
Sodium	23-2	428538.31	525182.49	535380.04	496366.95	11.88	ppb
Strontium	86-1	3.65	3.70	3.95	3.77	4.31	ppb
Strontium	88-1	3.97	3.93	4.05	3.98	1.51	ppb
Sulfur	34-1	-354.89	-181.40	-143.34	-226.54		ppb
Terbium	159-1				96		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.22	0.24	0.23	6.90	ppb
Thallium	205-1	0.23	0.22	0.21	0.22	4.83	ppb
Thorium	232-1	0.17	0.16	0.17	0.17	1.43	ppb
Tin	118-1	0.32	0.29	0.33	0.31	6.75	ppb
Titanium	47-1	1.05	1.00	6.58	2.88	111.58	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	12.15	ppb
Vanadium	51-2	0.12	0.16	0.17	0.15	20.16	ppb
Yttrium	89-1				93		%
Yttrium	89-2				104		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:06:35	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.26	15.43	15.85	14.51	13.53	ppb
Zirconium	90-1	0.19	0.19	0.20	0.19	3.77	ppb
Zirconium	91-1	0.22	0.20	0.22	0.21	5.04	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:22:52 DataFile Name : 010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	514.95	511.98	513.44	513.46	0.29	ppb
Antimony	121-1	198.43	195.10	197.49	197.01	0.87	ppb
Arsenic	75-2	197.51	197.17	200.13	198.27	0.82	ppb
Barium	135-1	99.85	99.31	100.25	99.81	0.47	ppb
Barium	137-1	100.38	99.84	99.76	99.99	0.34	ppb
Beryllium	9-1	93.42	93.67	95.03	94.04	0.92	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	524.39	530.34	532.30	529.01	0.78	ppb
Boron	10-1	521.18	523.07	529.73	524.66	0.86	ppb
Cadmium	106-1	180.86	177.49	173.05	177.14	2.21	ppb
Cadmium	108-1	161.33	158.06	157.21	158.87	1.37	ppb
Cadmium	111-1	102.53	100.99	102.53	102.02	0.87	ppb
Calcium	43-1	2256.58	2242.25	2291.39	2263.41	1.12	ppb
Calcium	44-1	2129.31	2102.55	2126.19	2119.35	0.69	ppb
Chromium	52-2	95.95	95.37	95.75	95.69	0.31	ppb
Cobalt	59-2	97.78	98.81	99.16	98.58	0.73	ppb
Copper	63-2	93.07	93.80	93.84	93.57	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	1101.93	1108.98	1108.39	1106.43	0.35	ppb
Iron	57-2	1121.29	1130.61	1118.37	1123.43	0.57	ppb
Krypton	83-1						cps
Lead	206-1	186.85	190.85	193.33	190.34	1.72	ppb
Lead	207-1	185.40	188.07	191.87	188.45	1.73	ppb
Lead	208-1	187.22	189.52	191.92	189.55	1.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	1341.48	1369.17	1357.06	1355.90	1.02	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:22:52	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.39	95.61	95.98	95.66	0.31	ppb
Molybdenum	94-1	2201.18	2196.71	2214.91	2204.27	0.43	ppb
Molybdenum	95-1	2157.16	2148.86	2172.41	2159.48	0.55	ppb
Molybdenum	96-1	2165.23	2162.13	2180.78	2169.38	0.46	ppb
Molybdenum	97-1	2158.75	2146.68	2157.45	2154.29	0.31	ppb
Molybdenum	98-1	2158.45	2136.55	2160.78	2151.92	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.35	102.30	102.84	101.83	1.28	ppb
Phosphorus	31-2	-20.58	-32.52	-36.64	-29.91		ppb
Potassium	39-2	2112.76	2141.65	2142.49	2132.30	0.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	188.61	201.64	186.44	192.23	4.28	ppb
Selenium	78-2	203.83	200.44	207.42	203.90	1.71	ppb
Selenium	82-1	197.48	197.06	200.82	198.45	1.04	ppb
Silicon	28-1	415.42	408.46	411.15	411.68	0.85	ppb
Silver	109-1	91.30	89.48	91.10	90.62	1.10	ppb
Silver	107-1	91.89	91.33	90.79	91.34	0.60	ppb
Sodium	23-2	2195.93	2192.06	2212.92	2200.30	0.50	ppb
Strontium	86-1	456.54	459.09	464.17	459.93	0.84	ppb
Strontium	88-1	468.55	462.99	470.23	467.26	0.81	ppb
Sulfur	34-1	-531.67	-726.67	-745.55	-667.96		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	188.70	190.81	192.30	190.60	0.95	ppb
Thallium	205-1	191.99	191.49	193.53	192.33	0.55	ppb
Thorium	232-1	418.27	421.13	424.01	421.13	0.68	ppb
Tin	118-1	488.05	476.27	479.24	481.19	1.27	ppb
Titanium	47-1	2357.47	2358.56	2365.50	2360.51	0.18	ppb
Uranium	238-1	422.19	423.20	428.63	424.67	0.82	ppb
Vanadium	51-2	95.52	95.42	95.43	95.45	0.06	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:22:52	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	194.56	193.67	196.62	194.95	0.78	ppb
Zirconium	90-1	469.14	466.34	467.18	467.55	0.31	ppb
Zirconium	91-1	461.93	462.58	464.33	462.95	0.27	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:28:44 DataFile Name : 011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	0.22	0.16	0.22	29.59	ppb
Antimony	121-1	0.08	0.09	0.10	0.09	6.56	ppb
Arsenic	75-2	0.00	0.03	0.03	0.02	76.01	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	0.01	0.01	0.00	0.00	130.58	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	11.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	11-1	5.34	5.55	5.43	5.44	1.95	ppb
Boron	10-1	5.49	5.47	6.00	5.65	5.25	ppb
Cadmium	106-1	-1.12	-0.58	-0.78	-0.83		ppb
Cadmium	108-1	0.01	-0.02	-0.04	-0.01		ppb
Cadmium	111-1	-0.07	-0.04	-0.05	-0.05		ppb
Calcium	43-1	1.66	-0.92	0.33	0.36	361.95	ppb
Calcium	44-1	-0.25	0.92	0.20	0.29	203.27	ppb
Chromium	52-2	0.00	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.01	0.01	0.02	106.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	0.20	0.20	0.19	0.20	2.29	ppb
Iron	57-2	0.61	-0.05	0.62	0.40	96.91	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.03	0.03	19.94	ppb
Lead	207-1	0.01	0.03	0.01	0.02	40.41	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.48	0.49	0.43	0.47	7.30	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:28:44	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.00	253.90	ppb
Molybdenum	94-1	0.26	0.19	0.21	0.22	15.19	ppb
Molybdenum	95-1	0.33	0.30	0.25	0.29	13.45	ppb
Molybdenum	96-1	0.32	0.26	0.24	0.27	14.84	ppb
Molybdenum	97-1	0.32	0.29	0.28	0.30	7.88	ppb
Molybdenum	98-1	0.31	0.27	0.28	0.29	7.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-25.56	-32.24	-30.69	-29.49		ppb
Potassium	39-2	10.55	9.89	14.68	11.71	22.13	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	-0.09	0.18	-0.09	0.00		ppb
Selenium	78-2	-0.07	-0.33	-0.42	-0.27		ppb
Selenium	82-1	-0.30	-0.73	-0.04	-0.36		ppb
Silicon	28-1	0.71	0.96	0.70	0.79	18.21	ppb
Silver	109-1	0.01	0.01	0.00	0.01	46.41	ppb
Silver	107-1	0.00	0.00	0.00	0.00	114.21	ppb
Sodium	23-2	22.00	21.99	20.15	21.38	4.99	ppb
Strontium	86-1	-0.19	-0.14	-0.22	-0.19		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	9.63	ppb
Sulfur	34-1	-461.43	-419.94	-508.09	-463.15		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.03	0.04	11.02	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	13.59	ppb
Thorium	232-1	0.05	0.06	0.07	0.06	11.96	ppb
Tin	118-1	0.08	0.07	0.08	0.08	9.20	ppb
Titanium	47-1	0.07	0.06	0.02	0.05	53.84	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	30.01	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	259.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:28:44	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	-0.05	-0.03	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	32.49	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	56.86	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:32:20 DataFile Name : 012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99296.48	98209.82	97521.28	98342.53	0.91	ppb
Antimony	121-1	1.09	1.16	1.12	1.12	3.15	ppb
Arsenic	75-2	0.32	0.32	0.27	0.30	9.65	ppb
Barium	135-1	1.45	1.39	1.42	1.42	2.13	ppb
Barium	137-1	1.41	1.42	1.44	1.42	0.90	ppb
Beryllium	9-1	0.28	0.30	0.32	0.30	7.26	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	11-1	5.61	5.59	5.68	5.63	0.81	ppb
Boron	10-1	5.24	5.39	5.66	5.43	3.97	ppb
Cadmium	106-1	-1.23	-1.49	-1.20	-1.31		ppb
Cadmium	108-1	17.71	17.82	18.19	17.91	1.39	ppb
Cadmium	111-1	0.68	0.63	0.66	0.66	3.54	ppb
Calcium	43-1	98839.12	99027.29	99042.30	98969.57	0.11	ppb
Calcium	44-1	99276.29	99533.39	99390.72	99400.13	0.13	ppb
Chromium	52-2	19.60	19.21	19.19	19.33	1.21	ppb
Cobalt	59-2	1.19	1.14	1.11	1.14	3.47	ppb
Copper	63-2	6.85	7.01	6.89	6.92	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	110372.90	109348.99	108673.12	109465.00	0.78	ppb
Iron	57-2	109773.58	108627.44	108053.99	108818.34	0.80	ppb
Krypton	83-1						cps
Lead	206-1	4.81	4.99	4.95	4.92	1.99	ppb
Lead	207-1	4.33	4.52	4.51	4.45	2.38	ppb
Lead	208-1	4.52	4.63	4.63	4.59	1.38	ppb
Lithium	6-1				98		%
Magnesium	24-2	112117.23	110568.98	110716.56	111134.26	0.77	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:32:20 DataFile Name : 012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.55	7.67	7.54	7.59	0.96	ppb
Molybdenum	94-1	1265.47	1270.29	1282.11	1272.62	0.67	ppb
Molybdenum	95-1	1786.54	1799.83	1812.88	1799.75	0.73	ppb
Molybdenum	96-1	1717.45	1727.03	1735.70	1726.73	0.53	ppb
Molybdenum	97-1	1769.84	1785.09	1792.85	1782.59	0.66	ppb
Molybdenum	98-1	1787.50	1792.97	1794.05	1791.50	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.19	5.41	5.27	5.29	2.07	ppb
Phosphorus	31-2	98130.54	97268.49	96529.03	97309.35	0.82	ppb
Potassium	39-2	110169.75	108428.89	108640.11	109079.58	0.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.41	0.07	0.02	-0.10		ppb
Selenium	82-1	-0.71	0.38	-0.34	-0.22		ppb
Silicon	28-1	19.80	19.82	19.66	19.76	0.42	ppb
Silver	109-1	0.02	0.03	0.02	0.02	7.30	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.29	ppb
Sodium	23-2	110410.24	109471.90	109598.78	109826.97	0.46	ppb
Strontium	86-1	32.58	33.20	33.20	32.99	1.09	ppb
Strontium	88-1	33.18	33.13	33.41	33.24	0.46	ppb
Sulfur	34-1	73430.05	72981.09	72705.88	73039.01	0.50	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.13	0.16	0.18	0.16	16.05	ppb
Thallium	205-1	0.14	0.17	0.17	0.16	9.92	ppb
Thorium	232-1	0.06	0.06	0.07	0.06	7.21	ppb
Tin	118-1	0.17	0.19	0.19	0.19	5.69	ppb
Titanium	47-1	1960.83	1959.85	1964.44	1961.71	0.12	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	8.56	ppb
Vanadium	51-2	0.18	0.18	0.15	0.17	8.80	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:32:20	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.92	10.90	10.54	10.79	1.99	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	27.18	ppb
Zirconium	91-1	0.03	0.05	0.05	0.04	28.09	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:35:58	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98961.42	98298.57	98423.00	98561.00	0.36	ppb
Antimony	121-1	20.93	22.96	21.12	21.67	5.17	ppb
Arsenic	75-2	19.75	20.02	19.75	19.84	0.77	ppb
Barium	135-1	21.16	23.62	21.64	22.14	5.90	ppb
Barium	137-1	21.62	24.42	21.98	22.67	6.72	ppb
Beryllium	9-1	19.45	21.30	20.05	20.27	4.64	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	11-1	50.76	55.45	51.83	52.68	4.66	ppb
Boron	10-1	50.13	54.65	50.42	51.73	4.89	ppb
Cadmium	106-1	21.97	24.61	24.93	23.84	6.82	ppb
Cadmium	108-1	38.78	41.37	38.46	39.54	4.04	ppb
Cadmium	111-1	19.31	21.20	19.76	20.09	4.92	ppb
Calcium	43-1	98748.43	108463.26	100516.34	102576.01	5.04	ppb
Calcium	44-1	99369.49	109101.25	101567.19	103345.98	4.94	ppb
Chromium	52-2	38.80	38.22	38.80	38.60	0.86	ppb
Cobalt	59-2	20.56	20.36	20.60	20.51	0.62	ppb
Copper	63-2	25.31	24.90	24.92	25.04	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	109523.01	108437.84	108969.02	108976.62	0.50	ppb
Iron	57-2	109448.22	108804.74	108654.57	108969.18	0.39	ppb
Krypton	83-1						cps
Lead	206-1	24.55	27.50	25.37	25.81	5.91	ppb
Lead	207-1	23.21	25.83	24.03	24.36	5.52	ppb
Lead	208-1	23.65	26.36	24.50	24.84	5.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	111697.56	110773.40	111554.19	111341.72	0.45	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:35:58	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.56	26.57	26.58	26.57	0.03	ppb
Molybdenum	94-1	1351.75	1496.48	1377.72	1408.65	5.48	ppb
Molybdenum	95-1	1821.74	2008.91	1846.17	1892.27	5.38	ppb
Molybdenum	96-1	1754.20	1941.39	1803.61	1833.07	5.29	ppb
Molybdenum	97-1	1809.72	1984.10	1853.15	1882.32	4.82	ppb
Molybdenum	98-1	1813.38	1977.67	1842.81	1877.95	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.75	24.68	24.18	24.54	1.27	ppb
Phosphorus	31-2	97628.59	96864.11	96825.08	97105.93	0.47	ppb
Potassium	39-2	109738.06	108520.32	108380.29	108879.56	0.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	21.88	19.88	19.12	20.29	7.02	ppb
Selenium	78-2	19.18	20.27	20.50	19.98	3.55	ppb
Selenium	82-1	19.84	20.29	18.48	19.54	4.84	ppb
Silicon	28-1	59.72	67.50	62.51	63.24	6.23	ppb
Silver	109-1	18.63	20.40	18.62	19.22	5.33	ppb
Silver	107-1	18.52	20.72	19.12	19.46	5.84	ppb
Sodium	23-2	110610.58	110431.35	110389.55	110477.16	0.11	ppb
Strontium	86-1	83.55	92.37	85.31	87.08	5.36	ppb
Strontium	88-1	83.41	92.39	85.75	87.19	5.34	ppb
Sulfur	34-1	72365.65	79873.38	73883.64	75374.22	5.27	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	20.20	22.45	20.80	21.15	5.51	ppb
Thallium	205-1	19.93	22.34	20.56	20.95	5.96	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	2.19	ppb
Tin	118-1	43.82	49.55	45.23	46.20	6.46	ppb
Titanium	47-1	1982.03	2180.17	2030.17	2064.12	5.01	ppb
Uranium	238-1	42.81	47.68	43.40	44.63	5.95	ppb
Vanadium	51-2	19.39	19.38	19.58	19.45	0.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:35:58	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.95	28.76	28.26	28.65	1.24	ppb
Zirconium	90-1	43.78	48.54	45.16	45.83	5.35	ppb
Zirconium	91-1	43.84	48.74	45.01	45.86	5.58	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:40:25	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58428.39	58199.30	57810.58	58146.09	0.54	ppb
Antimony	121-1	493.27	500.27	497.47	497.00	0.71	ppb
Arsenic	75-2	500.48	501.49	500.07	500.68	0.15	ppb
Barium	135-1	2521.11	2559.95	2543.58	2541.55	0.77	ppb
Barium	137-1	2513.33	2551.41	2541.42	2535.39	0.78	ppb
Beryllium	9-1	483.65	484.14	483.97	483.92	0.05	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	11-1	469.32	476.39	482.86	476.19	1.42	ppb
Boron	10-1	466.70	478.61	481.82	475.71	1.68	ppb
Cadmium	106-1	514.91	526.26	521.01	520.73	1.09	ppb
Cadmium	108-1	505.17	523.49	514.20	514.28	1.78	ppb
Cadmium	111-1	505.64	516.11	511.67	511.14	1.03	ppb
Calcium	43-1	245072.34	243756.59	247189.48	245339.47	0.71	ppb
Calcium	44-1	245472.11	243549.43	246086.83	245036.12	0.54	ppb
Chromium	52-2	495.04	497.40	493.51	495.32	0.40	ppb
Cobalt	59-2	475.54	476.20	471.79	474.51	0.50	ppb
Copper	63-2	991.17	991.58	988.58	990.44	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	135444.18	134918.88	135130.50	135164.52	0.20	ppb
Iron	57-2	135041.40	134736.62	134090.51	134622.84	0.36	ppb
Krypton	83-1						cps
Lead	206-1	509.98	506.54	508.48	508.33	0.34	ppb
Lead	207-1	505.22	506.05	502.76	504.68	0.34	ppb
Lead	208-1	505.32	505.85	503.66	504.94	0.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	274029.93	273148.34	272412.10	273196.79	0.30	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:40:25	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	962.84	964.00	954.92	960.59	0.51	ppb
Molybdenum	94-1	2485.14	2485.56	2461.88	2477.53	0.55	ppb
Molybdenum	95-1	2487.51	2497.00	2461.82	2482.11	0.73	ppb
Molybdenum	96-1	2470.10	2498.17	2477.26	2481.84	0.59	ppb
Molybdenum	97-1	2466.43	2482.70	2461.71	2470.28	0.45	ppb
Molybdenum	98-1	2464.18	2478.38	2448.02	2463.53	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.64	478.22	475.09	476.32	0.35	ppb
Phosphorus	31-2	9873.54	9726.04	9950.72	9850.10	1.16	ppb
Potassium	39-2	138682.69	138124.57	137405.94	138071.07	0.46	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	476.41	496.43	480.76	484.53	2.17	ppb
Selenium	78-2	481.71	482.76	489.93	484.80	0.92	ppb
Selenium	82-1	474.34	477.93	473.75	475.34	0.48	ppb
Silicon	28-1	541.89	552.41	566.60	553.63	2.24	ppb
Silver	109-1	522.32	530.49	522.81	525.21	0.87	ppb
Silver	107-1	525.41	531.46	527.50	528.12	0.58	ppb
Sodium	23-2	270949.10	270268.67	268917.61	270045.12	0.38	ppb
Strontium	86-1	483.18	490.14	484.79	486.04	0.75	ppb
Strontium	88-1	493.30	493.82	494.44	493.85	0.12	ppb
Sulfur	34-1	9445.14	9367.26	9491.94	9434.78	0.67	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	509.07	506.00	507.97	507.68	0.31	ppb
Thallium	205-1	508.07	507.41	506.31	507.26	0.18	ppb
Thorium	232-1	505.42	511.19	505.27	507.29	0.67	ppb
Tin	118-1	499.99	511.67	507.59	506.42	1.17	ppb
Titanium	47-1	2433.96	2440.73	2442.60	2439.10	0.19	ppb
Uranium	238-1	509.09	501.71	501.61	504.14	0.85	ppb
Vanadium	51-2	493.02	496.74	493.74	494.50	0.40	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:40:25	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	953.27	954.01	948.80	952.03	0.30	ppb
Zirconium	90-1	502.62	501.18	499.35	501.05	0.33	ppb
Zirconium	91-1	492.06	494.19	492.82	493.02	0.22	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : CCB26 Instrumnet Name : P7
 Client Sample ID : CCB26 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:44:12 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.99	0.50	0.64	47.83	ppb
Antimony	121-1	0.29	0.33	0.37	0.33	10.94	ppb
Arsenic	75-2	0.04	0.02	0.02	0.03	35.93	ppb
Barium	135-1	0.03	0.01	0.02	0.02	33.30	ppb
Barium	137-1	0.03	0.02	0.04	0.03	27.35	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	17.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	11-1	18.81	17.69	16.63	17.71	6.15	ppb
Boron	10-1	19.24	18.29	16.75	18.09	6.94	ppb
Cadmium	106-1	-0.60	-0.67	-0.42	-0.56		ppb
Cadmium	108-1	-0.01	-0.04	0.03	-0.01		ppb
Cadmium	111-1	-0.01	-0.01	0.01	0.00		ppb
Calcium	43-1	2.02	1.44	1.81	1.76	16.82	ppb
Calcium	44-1	4.27	4.13	2.91	3.77	19.82	ppb
Chromium	52-2	-0.01	0.02	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.12	0.10	0.10	0.11	15.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	2.11	2.08	2.06	2.08	1.38	ppb
Iron	57-2	2.13	2.20	2.32	2.22	4.23	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.12	0.12	7.43	ppb
Lead	207-1	0.11	0.12	0.14	0.12	10.81	ppb
Lead	208-1	0.12	0.11	0.12	0.12	3.59	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.64	2.70	2.04	2.46	14.87	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:44:12	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	0.02	0.02	8.38	ppb
Molybdenum	94-1	0.61	0.58	0.43	0.54	17.58	ppb
Molybdenum	95-1	0.81	0.74	0.71	0.76	6.84	ppb
Molybdenum	96-1	0.75	0.70	0.69	0.71	4.97	ppb
Molybdenum	97-1	0.81	0.70	0.62	0.71	13.63	ppb
Molybdenum	98-1	0.84	0.72	0.66	0.74	12.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.01	0.01	115.37	ppb
Phosphorus	31-2	-16.96	-30.16	-37.46	-28.19		ppb
Potassium	39-2	45.00	46.91	44.20	45.37	3.07	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.18	0.03	0.11	-0.01		ppb
Selenium	82-1	0.95	-0.74	0.04	0.08	1045.50	ppb
Silicon	28-1	2.33	2.14	1.71	2.06	15.40	ppb
Silver	109-1	0.03	0.03	0.03	0.03	1.39	ppb
Silver	107-1	0.02	0.03	0.03	0.03	23.62	ppb
Sodium	23-2	63.02	60.52	56.42	59.99	5.55	ppb
Strontium	86-1	-0.16	-0.10	-0.19	-0.15		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	29.70	ppb
Sulfur	34-1	-553.72	-495.90	-563.32	-537.65		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.17	0.17	0.17	0.17	2.28	ppb
Thallium	205-1	0.19	0.17	0.16	0.17	10.68	ppb
Thorium	232-1	0.07	0.07	0.07	0.07	4.57	ppb
Tin	118-1	0.16	0.15	0.15	0.15	2.49	ppb
Titanium	47-1	0.10	0.09	0.06	0.08	24.21	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	42.09	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	27.11	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:44:12	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	0.09	0.05	0.06	36.56	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	11.76	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	37.78	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:48:18	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.44	20.69	23.13	21.75	5.76	ppb
Antimony	121-1	2.07	2.04	2.09	2.07	1.10	ppb
Arsenic	75-2	1.05	1.04	1.03	1.04	1.02	ppb
Barium	135-1	10.38	10.55	10.46	10.46	0.80	ppb
Barium	137-1	10.72	10.56	10.58	10.62	0.84	ppb
Beryllium	9-1	1.06	1.05	0.99	1.03	3.54	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	11-1	32.59	32.12	31.64	32.12	1.48	ppb
Boron	10-1	33.04	32.12	31.24	32.13	2.80	ppb
Cadmium	106-1	0.84	0.56	0.39	0.59	38.47	ppb
Cadmium	108-1	1.06	0.98	1.04	1.02	3.91	ppb
Cadmium	111-1	1.05	0.99	0.95	1.00	5.13	ppb
Calcium	43-1	508.18	530.64	510.78	516.53	2.38	ppb
Calcium	44-1	501.94	504.91	495.82	500.89	0.93	ppb
Chromium	52-2	1.92	2.06	2.01	2.00	3.72	ppb
Cobalt	59-2	0.98	1.03	0.96	0.99	3.56	ppb
Copper	63-2	2.01	1.97	2.03	2.00	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	61.32	59.99	60.67	60.66	1.10	ppb
Iron	57-2	62.21	62.37	61.02	61.86	1.19	ppb
Krypton	83-1						cps
Lead	206-1	1.02	1.00	1.03	1.02	1.58	ppb
Lead	207-1	1.01	1.01	1.04	1.02	1.84	ppb
Lead	208-1	1.03	1.01	1.02	1.02	0.66	ppb
Lithium	6-1				110		%
Magnesium	24-2	596.42	591.52	594.91	594.28	0.42	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:48:18	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	1.08	1.02	1.06	3.58	ppb
Molybdenum	94-1	4.78	4.92	4.91	4.87	1.64	ppb
Molybdenum	95-1	4.86	4.81	5.04	4.90	2.47	ppb
Molybdenum	96-1	4.85	5.00	5.05	4.97	2.05	ppb
Molybdenum	97-1	5.06	4.91	4.84	4.94	2.32	ppb
Molybdenum	98-1	4.90	5.00	4.90	4.93	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	0.98	1.10	1.07	7.77	ppb
Phosphorus	31-2	22.86	14.47	28.55	21.96	32.25	ppb
Potassium	39-2	583.33	589.01	583.37	585.24	0.56	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	77-2	5.26	7.03	4.46	5.58	23.58	ppb
Selenium	78-2	5.39	5.64	5.43	5.48	2.43	ppb
Selenium	82-1	5.15	4.73	5.53	5.14	7.75	ppb
Silicon	28-1	8.67	8.46	8.45	8.53	1.45	ppb
Silver	109-1	0.95	0.96	0.96	0.96	0.55	ppb
Silver	107-1	0.98	0.97	0.99	0.98	1.22	ppb
Sodium	23-2	604.10	599.10	598.93	600.71	0.49	ppb
Strontium	86-1	0.91	0.92	0.93	0.92	1.13	ppb
Strontium	88-1	0.99	0.95	0.95	0.96	2.35	ppb
Sulfur	34-1	-338.47	-230.04	-252.69	-273.74		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	1.05	1.01	1.00	1.02	2.47	ppb
Thallium	205-1	1.01	1.02	1.00	1.01	1.36	ppb
Thorium	232-1	0.86	0.85	0.86	0.85	0.61	ppb
Tin	118-1	5.28	5.33	5.46	5.36	1.78	ppb
Titanium	47-1	4.73	5.12	5.10	4.99	4.45	ppb
Uranium	238-1	0.88	0.85	0.85	0.86	1.86	ppb
Vanadium	51-2	5.40	5.14	5.31	5.28	2.51	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:48:18	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.03	1.94	2.09	2.02	3.54	ppb
Zirconium	90-1	0.93	0.92	0.91	0.92	1.33	ppb
Zirconium	91-1	1.01	0.96	0.95	0.97	3.36	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : PB123067BL Instrumnet Name : P7
 Client Sample ID : PB123067BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:51:54 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	0.19	0.06	0.19	66.50	ppb
Antimony	121-1	0.03	0.05	0.05	0.04	26.03	ppb
Arsenic	75-2	0.01	0.02	0.02	0.02	37.49	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.01	0.00	29.39	ppb
Beryllium	9-1	0.03	0.04	0.04	0.03	22.15	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	11-1	8.13	7.77	7.62	7.84	3.37	ppb
Boron	10-1	8.09	8.07	7.76	7.97	2.26	ppb
Cadmium	106-1	-1.05	0.49	-0.38	-0.31		ppb
Cadmium	108-1	0.01	-0.03	-0.01	-0.01		ppb
Cadmium	111-1	-0.07	0.05	-0.02	-0.01		ppb
Calcium	43-1	1.60	1.25	1.23	1.36	15.43	ppb
Calcium	44-1	0.89	0.66	1.44	1.00	40.42	ppb
Chromium	52-2	0.01	0.01	0.03	0.02	75.15	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.10	0.10	0.09	17.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	56-2	0.34	0.42	0.48	0.41	17.65	ppb
Iron	57-2	0.83	1.07	1.29	1.06	21.74	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.07	0.07	14.57	ppb
Lead	207-1	0.06	0.06	0.07	0.07	6.86	ppb
Lead	208-1	0.08	0.07	0.07	0.07	6.11	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.33	0.43	0.36	0.37	14.37	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BL	Instrumnet Name :	P7
Client Sample ID :	PB123067BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:51:54	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.04	0.02	0.03	37.10	ppb
Molybdenum	94-1	0.09	0.08	0.10	0.09	6.99	ppb
Molybdenum	95-1	0.11	0.11	0.11	0.11	1.82	ppb
Molybdenum	96-1	0.10	0.09	0.13	0.11	21.31	ppb
Molybdenum	97-1	0.10	0.07	0.11	0.09	22.48	ppb
Molybdenum	98-1	0.12	0.10	0.11	0.11	9.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-20.09	-28.69	-37.47	-28.75		ppb
Potassium	39-2	24.66	28.17	22.96	25.26	10.53	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	0.04	-0.08	0.09	0.02	544.51	ppb
Selenium	82-1	-0.07	-0.37	-0.78	-0.40		ppb
Silicon	28-1	0.15	0.05	0.49	0.23	100.14	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.54	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.45	ppb
Sodium	23-2	34.12	35.00	34.67	34.60	1.28	ppb
Strontium	86-1	-0.17	-0.19	-0.16	-0.17		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	55.36	ppb
Sulfur	34-1	-243.36	-255.18	-203.93	-234.16		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.06	0.07	0.06	11.55	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	3.29	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	19.90	ppb
Tin	118-1	1.50	0.03	0.02	0.52	164.43	ppb
Titanium	47-1	0.04	0.04	0.01	0.03	45.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	269.35	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	61.87	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BL	Instrumnet Name :	P7
Client Sample ID :	PB123067BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:51:54	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.05	0.09	0.07	30.72	ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	74.82	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	36.72	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BS	Instrumnet Name :	P7
Client Sample ID :	PB123067BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:55:30	DataFile Name :	018LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11297.51	10933.55	10836.47	11022.51	2.21	ppb
Antimony	121-1	516.65	523.00	520.00	519.88	0.61	ppb
Arsenic	75-2	520.95	517.02	506.17	514.71	1.49	ppb
Barium	135-1	2575.98	2625.73	2603.08	2601.60	0.96	ppb
Barium	137-1	2563.72	2592.28	2581.64	2579.21	0.56	ppb
Beryllium	9-1	493.85	498.57	490.68	494.36	0.80	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	11-1	459.09	473.58	475.10	469.25	1.88	ppb
Boron	10-1	460.87	468.69	476.92	468.83	1.71	ppb
Cadmium	106-1	495.20	512.05	503.08	503.44	1.67	ppb
Cadmium	108-1	496.76	506.61	497.94	500.44	1.07	ppb
Cadmium	111-1	488.69	498.61	493.70	493.66	1.00	ppb
Calcium	43-1	51429.94	51849.36	52063.94	51781.08	0.62	ppb
Calcium	44-1	52156.38	52477.41	52437.29	52357.03	0.33	ppb
Chromium	52-2	515.54	505.65	501.51	507.57	1.42	ppb
Cobalt	59-2	515.13	501.87	496.15	504.38	1.93	ppb
Copper	63-2	964.98	939.38	931.27	945.21	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	29607.42	28789.64	28457.91	28951.66	2.04	ppb
Iron	57-2	29073.86	28357.30	28011.74	28480.97	1.90	ppb
Krypton	83-1						cps
Lead	206-1	496.74	499.21	492.82	496.26	0.65	ppb
Lead	207-1	497.92	496.02	492.61	495.52	0.54	ppb
Lead	208-1	497.48	496.48	492.99	495.65	0.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	60256.79	58434.10	58028.18	58906.36	2.02	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BS	Instrumnet Name :	P7
Client Sample ID :	PB123067BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:55:30	DataFile Name :	018LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1026.14	1004.74	993.28	1008.05	1.65	ppb
Molybdenum	94-1	2484.28	2510.52	2499.51	2498.10	0.53	ppb
Molybdenum	95-1	2476.43	2522.14	2498.31	2498.96	0.91	ppb
Molybdenum	96-1	2471.66	2526.35	2508.30	2502.10	1.11	ppb
Molybdenum	97-1	2475.43	2515.69	2505.92	2499.01	0.84	ppb
Molybdenum	98-1	2478.78	2518.19	2495.74	2497.57	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.37	505.29	501.24	506.96	1.33	ppb
Phosphorus	31-2	10555.35	9991.33	10229.47	10258.72	2.76	ppb
Potassium	39-2	28883.14	28244.43	27779.23	28302.26	1.96	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	524.66	522.61	511.49	519.59	1.36	ppb
Selenium	78-2	528.79	525.66	514.24	522.90	1.46	ppb
Selenium	82-1	504.80	513.07	507.16	508.34	0.84	ppb
Silicon	28-1	531.54	531.69	537.67	533.63	0.65	ppb
Silver	109-1	510.22	517.49	514.02	513.91	0.71	ppb
Silver	107-1	514.49	521.85	512.92	516.42	0.92	ppb
Sodium	23-2	59260.60	57282.43	57026.55	57856.53	2.11	ppb
Strontium	86-1	489.88	501.43	493.12	494.81	1.20	ppb
Strontium	88-1	498.15	505.31	500.10	501.19	0.74	ppb
Sulfur	34-1	9715.31	9788.14	9942.52	9815.32	1.18	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	494.08	493.78	491.35	493.07	0.30	ppb
Thallium	205-1	489.72	494.25	491.36	491.77	0.47	ppb
Thorium	232-1	485.59	487.13	487.61	486.78	0.22	ppb
Tin	118-1	516.48	525.74	521.62	521.28	0.89	ppb
Titanium	47-1	2450.10	2469.14	2469.38	2462.88	0.45	ppb
Uranium	238-1	483.47	483.88	482.57	483.31	0.14	ppb
Vanadium	51-2	516.32	504.32	498.42	506.35	1.80	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BS	Instrumnet Name :	P7
Client Sample ID :	PB123067BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:55:30	DataFile Name :	018LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	988.77	974.71	953.47	972.32	1.83	ppb
Zirconium	90-1	501.29	505.42	500.76	502.49	0.51	ppb
Zirconium	91-1	492.39	500.81	496.64	496.61	0.85	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01	Instrumnet Name :	P7
Client Sample ID :	390828189	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:59:07	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.55	1.43	1.56	1.85	33.19	ppb
Antimony	121-1	0.34	0.38	0.40	0.37	7.76	ppb
Arsenic	75-2	0.07	0.05	0.06	0.06	18.06	ppb
Barium	135-1	0.10	0.12	0.11	0.11	6.41	ppb
Barium	137-1	0.12	0.09	0.10	0.10	12.12	ppb
Beryllium	9-1	0.06	0.05	0.06	0.06	11.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	11-1	31.56	29.91	27.41	29.63	7.06	ppb
Boron	10-1	32.00	29.00	28.12	29.71	6.86	ppb
Cadmium	106-1	-1.24	-0.63	-1.43	-1.10		ppb
Cadmium	108-1	0.04	-0.01	0.08	0.04	128.74	ppb
Cadmium	111-1	-0.07	-0.02	-0.09	-0.06		ppb
Calcium	43-1	33.66	27.07	28.25	29.66	11.84	ppb
Calcium	44-1	97.60	95.87	91.98	95.15	3.03	ppb
Chromium	52-2	0.94	0.95	0.98	0.96	2.42	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	37.74	ppb
Copper	63-2	75.99	75.67	75.43	75.70	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	4.80	4.94	4.81	4.85	1.56	ppb
Iron	57-2	4.31	4.98	5.37	4.89	10.99	ppb
Krypton	83-1						cps
Lead	206-1	0.53	0.53	0.54	0.53	1.71	ppb
Lead	207-1	0.50	0.50	0.52	0.51	1.74	ppb
Lead	208-1	0.52	0.52	0.52	0.52	0.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	6.29	5.59	6.72	6.20	9.19	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01	Instrumnet Name :	P7
Client Sample ID :	390828189	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:59:07	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.14	0.14	0.14	5.15	ppb
Molybdenum	94-1	0.72	0.60	0.57	0.63	12.11	ppb
Molybdenum	95-1	0.85	0.81	0.74	0.80	6.81	ppb
Molybdenum	96-1	0.89	0.83	0.73	0.82	9.78	ppb
Molybdenum	97-1	0.92	0.77	0.69	0.79	14.69	ppb
Molybdenum	98-1	0.91	0.80	0.71	0.81	11.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.39	0.42	0.39	6.54	ppb
Phosphorus	31-2	-16.06	-17.52	-23.08	-18.88		ppb
Potassium	39-2	86.84	79.01	84.52	83.46	4.82	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	-0.09	-0.09	0.19	0.00	4798.25	ppb
Selenium	78-2	-0.29	-0.34	0.03	-0.20		ppb
Selenium	82-1	-0.53	-0.65	0.24	-0.31		ppb
Silicon	28-1	10203.43	9953.79	9962.14	10039.79	1.41	ppb
Silver	109-1	0.02	0.01	0.02	0.02	14.40	ppb
Silver	107-1	0.02	0.01	0.02	0.02	12.70	ppb
Sodium	23-2	100446.23	100742.03	99935.45	100374.57	0.41	ppb
Strontium	86-1	-0.09	-0.01	0.01	-0.03		ppb
Strontium	88-1	0.12	0.12	0.12	0.12	1.03	ppb
Sulfur	34-1	3382.56	3131.18	2947.88	3153.88	6.92	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.11	0.10	0.10	6.95	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	6.32	ppb
Thorium	232-1	0.12	0.13	0.12	0.12	1.55	ppb
Tin	118-1	0.19	0.16	0.18	0.18	8.23	ppb
Titanium	47-1	0.89	0.97	0.83	0.90	7.92	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	24.15	ppb
Vanadium	51-2	0.19	0.18	0.19	0.19	3.39	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01	Instrumnet Name :	P7
Client Sample ID :	390828189	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:59:07	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.24	11.52	11.64	11.47	1.77	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	18.94	ppb
Zirconium	91-1	0.04	0.04	0.06	0.05	16.55	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01DUP	Instrumnet Name :	P7
Client Sample ID :	390828189DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:02:43	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.54	2.13	2.12	2.27	10.60	ppb
Antimony	121-1	0.09	0.10	0.12	0.10	14.83	ppb
Arsenic	75-2	0.07	0.06	0.04	0.06	25.16	ppb
Barium	135-1	0.11	0.11	0.09	0.10	13.11	ppb
Barium	137-1	0.09	0.10	0.13	0.11	20.20	ppb
Beryllium	9-1	0.05	0.04	0.04	0.05	13.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	11-1	18.75	18.26	17.92	18.31	2.28	ppb
Boron	10-1	17.06	17.72	17.53	17.44	1.95	ppb
Cadmium	106-1	-0.94	-0.58	-0.63	-0.72		ppb
Cadmium	108-1	0.02	-0.01	-0.05	-0.01		ppb
Cadmium	111-1	-0.05	-0.02	-0.03	-0.03		ppb
Calcium	43-1	25.26	28.31	24.79	26.12	7.31	ppb
Calcium	44-1	90.40	90.03	87.42	89.28	1.82	ppb
Chromium	52-2	0.93	0.94	0.98	0.95	2.71	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	82.14	ppb
Copper	63-2	76.38	76.49	75.60	76.16	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	4.21	4.21	4.02	4.15	2.63	ppb
Iron	57-2	4.91	5.13	3.81	4.61	15.38	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.51	0.53	0.53	3.88	ppb
Lead	207-1	0.50	0.50	0.51	0.50	1.02	ppb
Lead	208-1	0.53	0.52	0.52	0.52	0.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.97	6.06	6.46	6.16	4.25	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01DUP	Instrumnet Name :	P7
Client Sample ID :	390828189DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:02:43	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	0.11	0.09	0.10	10.03	ppb
Molybdenum	94-1	0.18	0.20	0.22	0.20	10.37	ppb
Molybdenum	95-1	0.27	0.27	0.27	0.27	1.27	ppb
Molybdenum	96-1	0.25	0.26	0.26	0.25	2.14	ppb
Molybdenum	97-1	0.26	0.27	0.24	0.26	5.41	ppb
Molybdenum	98-1	0.24	0.24	0.25	0.24	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.45	0.42	0.44	3.95	ppb
Phosphorus	31-2	-17.56	-25.63	-16.25	-19.81		ppb
Potassium	39-2	84.02	84.72	74.41	81.05	7.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	0.19	-0.09	-0.09	0.00	6424.87	ppb
Selenium	78-2	-0.16	0.40	0.18	0.14	206.38	ppb
Selenium	82-1	0.27	-0.16	0.94	0.35	159.43	ppb
Silicon	28-1	9930.30	10118.52	10015.39	10021.40	0.94	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.01	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.37	ppb
Sodium	23-2	100964.29	101126.50	100923.09	101004.63	0.11	ppb
Strontium	86-1	-0.07	0.08	0.01	0.01	1316.36	ppb
Strontium	88-1	0.12	0.12	0.13	0.12	4.44	ppb
Sulfur	34-1	2822.15	2959.92	2953.29	2911.79	2.67	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.06	0.06	0.06	7.23	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.08	ppb
Thorium	232-1	0.04	0.04	0.05	0.05	6.67	ppb
Tin	118-1	0.05	0.10	0.10	0.08	38.73	ppb
Titanium	47-1	0.94	0.85	0.84	0.88	6.45	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	25.55	ppb
Vanadium	51-2	0.17	0.19	0.18	0.18	6.17	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01DUP	Instrumnet Name :	P7
Client Sample ID :	390828189DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:02:43	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.96	13.48	12.24	12.89	4.85	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	46.42	ppb
Zirconium	91-1	0.04	0.00	0.03	0.02	80.88	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01LX5	Instrumnet Name :	P7
Client Sample ID :	390828189L	Dilution Factor :	5
Date & Time Acquired ::	2019-09-13 13:06:19	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.57	0.37	0.46	22.86	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	18.44	ppb
Arsenic	75-2	0.02	-0.01	0.04	0.02	133.91	ppb
Barium	135-1	0.04	0.04	0.02	0.03	22.43	ppb
Barium	137-1	0.02	0.02	0.03	0.02	24.17	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	31.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	9.36	8.96	8.96	9.09	2.55	ppb
Boron	10-1	9.42	8.81	8.83	9.02	3.84	ppb
Cadmium	106-1	-0.28	-2.39	-0.83	-1.17		ppb
Cadmium	108-1	0.00	0.02	0.02	0.01	119.12	ppb
Cadmium	111-1	-0.01	-0.17	-0.05	-0.08		ppb
Calcium	43-1	7.91	11.61	12.43	10.65	22.60	ppb
Calcium	44-1	23.50	24.18	23.94	23.87	1.44	ppb
Chromium	52-2	0.20	0.20	0.23	0.21	8.04	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	15.25	15.36	15.40	15.33	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	1.11	1.04	1.10	1.08	3.67	ppb
Iron	57-2	1.09	1.10	1.83	1.34	31.73	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.12	0.12	3.32	ppb
Lead	207-1	0.12	0.13	0.13	0.13	2.71	ppb
Lead	208-1	0.12	0.12	0.12	0.12	1.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.35	1.37	1.80	1.51	16.83	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01LX5	Instrumnet Name :	P7
Client Sample ID :	390828189L	Dilution Factor :	5
Date & Time Acquired ::	2019-09-13 13:06:19	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.03	0.04	14.34	ppb
Molybdenum	94-1	0.09	0.10	0.07	0.09	13.37	ppb
Molybdenum	95-1	0.09	0.12	0.10	0.10	12.92	ppb
Molybdenum	96-1	0.12	0.14	0.12	0.13	9.49	ppb
Molybdenum	97-1	0.13	0.10	0.10	0.11	16.38	ppb
Molybdenum	98-1	0.11	0.11	0.11	0.11	4.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.08	0.09	0.09	9.05	ppb
Phosphorus	31-2	-23.98	-27.82	-29.14	-26.98		ppb
Potassium	39-2	37.33	30.88	35.46	34.56	9.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.09	0.04	-0.18	-0.08		ppb
Selenium	82-1	-0.15	-0.77	-0.17	-0.36		ppb
Silicon	28-1	1980.41	1990.97	1993.26	1988.21	0.34	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.10	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.78	ppb
Sodium	23-2	19909.08	19886.96	20002.49	19932.84	0.31	ppb
Strontium	86-1	-0.22	-0.12	-0.11	-0.15		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	3.34	ppb
Sulfur	34-1	-582.67	-509.76	-552.15	-548.19		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.03	0.03	9.22	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	15.32	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	8.57	ppb
Tin	118-1	0.03	0.01	0.03	0.02	59.14	ppb
Titanium	47-1	0.23	0.18	0.19	0.20	11.38	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	139.67	ppb
Vanadium	51-2	0.03	0.03	0.04	0.03	18.26	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01LX5	Instrumnet Name :	P7
Client Sample ID :	390828189L	Dilution Factor :	5
Date & Time Acquired ::	2019-09-13 13:06:19	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.17	2.34	2.19	2.23	4.24	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	1003.73	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MS	Instrumnet Name :	P7
Client Sample ID :	390828189MS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:09:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2044.48	2125.77	2097.34	2089.20	1.97	ppb
Antimony	121-1	831.38	842.68	831.68	835.25	0.77	ppb
Arsenic	75-2	809.79	817.50	806.24	811.18	0.71	ppb
Barium	135-1	209.18	211.21	210.97	210.45	0.53	ppb
Barium	137-1	212.00	213.84	212.10	212.65	0.49	ppb
Beryllium	9-1	189.97	192.37	190.99	191.11	0.63	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	290.74	294.18	294.47	293.13	0.71	ppb
Boron	10-1	292.38	296.58	292.47	293.81	0.82	ppb
Cadmium	106-1	156.96	156.29	156.33	156.53	0.24	ppb
Cadmium	108-1	167.48	171.73	171.07	170.09	1.35	ppb
Cadmium	111-1	196.79	198.91	195.82	197.17	0.80	ppb
Calcium	43-1	1171.34	1189.08	1175.84	1178.75	0.78	ppb
Calcium	44-1	1172.99	1183.18	1185.06	1180.41	0.55	ppb
Chromium	52-2	403.57	412.24	407.45	407.75	1.07	ppb
Cobalt	59-2	204.86	207.90	205.60	206.12	0.77	ppb
Copper	63-2	368.14	378.12	371.70	372.66	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	3497.99	3552.99	3508.94	3519.97	0.83	ppb
Iron	57-2	3457.92	3490.62	3445.50	3464.68	0.67	ppb
Krypton	83-1						cps
Lead	206-1	1018.25	1029.87	1004.14	1017.42	1.27	ppb
Lead	207-1	1014.46	1016.24	996.96	1009.22	1.06	ppb
Lead	208-1	1016.23	1019.49	1002.85	1012.86	0.87	ppb
Lithium	6-1				103		%
Magnesium	24-2	2344.77	2359.97	2352.82	2352.52	0.32	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MS	Instrumnet Name :	P7
Client Sample ID :	390828189MS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:09:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.62	200.38	198.61	198.87	0.70	ppb
Molybdenum	94-1	261.12	265.65	262.85	263.21	0.87	ppb
Molybdenum	95-1	369.04	372.85	368.11	370.00	0.68	ppb
Molybdenum	96-1	356.77	358.29	357.04	357.37	0.23	ppb
Molybdenum	97-1	367.80	369.08	368.59	368.49	0.17	ppb
Molybdenum	98-1	370.78	371.76	372.80	371.78	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.35	526.37	519.14	521.29	0.85	ppb
Phosphorus	31-2	5871.92	5985.67	5890.50	5916.03	1.03	ppb
Potassium	39-2	11266.44	11463.51	11425.41	11385.12	0.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	1970.70	2000.58	1967.44	1979.57	0.92	ppb
Selenium	78-2	2012.89	2014.90	2028.53	2018.77	0.42	ppb
Selenium	82-1	2029.35	2016.35	1992.94	2012.88	0.92	ppb
Silicon	28-1	10737.61	10951.45	10842.17	10843.74	0.99	ppb
Silver	109-1	77.77	78.14	77.92	77.94	0.23	ppb
Silver	107-1	78.08	78.79	77.72	78.20	0.70	ppb
Sodium	23-2	102003.16	103155.55	102475.31	102544.68	0.56	ppb
Strontium	86-1	200.79	200.69	200.41	200.63	0.10	ppb
Strontium	88-1	202.61	203.70	201.74	202.68	0.49	ppb
Sulfur	34-1	2668.09	2660.09	2559.29	2629.16	2.31	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	1996.80	2027.93	2014.27	2013.00	0.78	ppb
Thallium	205-1	2013.66	2034.43	1980.97	2009.69	1.34	ppb
Thorium	232-1	0.07	0.07	0.08	0.07	2.84	ppb
Tin	118-1	735.94	742.12	728.40	735.49	0.93	ppb
Titanium	47-1	198.10	202.90	198.26	199.76	1.36	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.48	ppb
Vanadium	51-2	300.09	307.38	304.45	303.97	1.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MS	Instrumnet Name :	P7
Client Sample ID :	390828189MS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:09:55	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	211.48	215.25	214.95	213.89	0.98	ppb
Zirconium	90-1	0.27	0.26	0.25	0.26	2.66	ppb
Zirconium	91-1	0.78	0.71	0.68	0.72	7.01	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MSD	Instrumnet Name :	P7
Client Sample ID :	390828189MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:13:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2115.46	2147.47	2150.27	2137.73	0.90	ppb
Antimony	121-1	851.93	849.80	845.03	848.92	0.42	ppb
Arsenic	75-2	811.61	821.62	823.12	818.78	0.76	ppb
Barium	135-1	213.22	214.77	212.86	213.62	0.47	ppb
Barium	137-1	212.14	214.68	213.20	213.34	0.60	ppb
Beryllium	9-1	191.37	192.77	193.27	192.47	0.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	293.92	301.58	303.59	299.70	1.70	ppb
Boron	10-1	293.57	297.67	302.33	297.86	1.47	ppb
Cadmium	106-1	159.80	163.53	159.02	160.78	1.50	ppb
Cadmium	108-1	174.12	173.80	169.89	172.60	1.36	ppb
Cadmium	111-1	198.31	199.64	198.38	198.78	0.38	ppb
Calcium	43-1	1180.23	1164.46	1170.17	1171.62	0.68	ppb
Calcium	44-1	1178.25	1178.77	1170.12	1175.71	0.41	ppb
Chromium	52-2	413.52	419.32	412.76	415.20	0.86	ppb
Cobalt	59-2	210.21	210.47	209.27	209.98	0.30	ppb
Copper	63-2	377.43	377.62	375.66	376.90	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	3567.60	3601.66	3566.61	3578.62	0.56	ppb
Iron	57-2	3538.16	3564.26	3521.76	3541.39	0.61	ppb
Krypton	83-1						cps
Lead	206-1	1027.30	1022.21	1035.32	1028.28	0.64	ppb
Lead	207-1	1014.01	1017.58	1013.59	1015.06	0.22	ppb
Lead	208-1	1015.77	1017.64	1022.24	1018.55	0.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	2376.21	2389.11	2393.87	2386.40	0.38	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MSD	Instrumnet Name :	P7
Client Sample ID :	390828189MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:13:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	201.56	204.66	201.41	202.54	0.91	ppb
Molybdenum	94-1	269.07	268.42	268.03	268.51	0.20	ppb
Molybdenum	95-1	377.26	377.69	376.93	377.29	0.10	ppb
Molybdenum	96-1	361.79	365.46	365.96	364.40	0.63	ppb
Molybdenum	97-1	371.04	374.94	376.18	374.05	0.72	ppb
Molybdenum	98-1	373.19	373.52	375.28	374.00	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.33	531.59	532.14	530.69	0.39	ppb
Phosphorus	31-2	5882.48	6001.38	5937.03	5940.30	1.00	ppb
Potassium	39-2	11460.82	11538.70	11409.46	11469.66	0.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	2028.89	2012.69	2039.30	2026.96	0.66	ppb
Selenium	78-2	2059.08	2033.22	2045.43	2045.91	0.63	ppb
Selenium	82-1	2020.13	2034.92	2024.70	2026.58	0.37	ppb
Silicon	28-1	10776.07	10887.27	10908.16	10857.17	0.65	ppb
Silver	109-1	78.19	78.75	77.70	78.21	0.68	ppb
Silver	107-1	78.73	79.11	78.30	78.71	0.52	ppb
Sodium	23-2	103677.81	104540.78	103973.28	104063.96	0.42	ppb
Strontium	86-1	202.72	203.21	204.65	203.53	0.49	ppb
Strontium	88-1	205.13	206.55	206.74	206.14	0.42	ppb
Sulfur	34-1	2332.22	2369.06	2333.65	2344.98	0.89	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	2024.55	2056.06	2035.58	2038.73	0.78	ppb
Thallium	205-1	2023.75	2045.02	2051.84	2040.20	0.72	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	9.42	ppb
Tin	118-1	748.63	750.36	740.31	746.43	0.72	ppb
Titanium	47-1	201.43	203.82	204.82	203.36	0.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	139.88	ppb
Vanadium	51-2	308.78	312.01	308.27	309.69	0.66	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MSD	Instrumnet Name :	P7
Client Sample ID :	390828189MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:13:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	215.53	215.88	214.46	215.29	0.34	ppb
Zirconium	90-1	0.12	0.11	0.13	0.12	6.02	ppb
Zirconium	91-1	0.56	0.55	0.63	0.58	7.37	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01A	Instrumnet Name :	P7
Client Sample ID :	390828189A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:17:09	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2083.71	2090.84	2080.18	2084.91	0.26	ppb
Antimony	121-1	841.95	835.79	841.82	839.85	0.42	ppb
Arsenic	75-2	817.96	817.35	817.04	817.45	0.06	ppb
Barium	135-1	210.38	210.92	212.04	211.11	0.40	ppb
Barium	137-1	213.06	212.68	212.06	212.60	0.24	ppb
Beryllium	9-1	190.53	192.95	194.08	192.52	0.94	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	11-1	297.61	307.36	310.87	305.28	2.25	ppb
Boron	10-1	290.96	309.16	311.24	303.79	3.67	ppb
Cadmium	106-1	161.60	156.73	156.70	158.35	1.78	ppb
Cadmium	108-1	172.06	174.68	169.47	172.07	1.52	ppb
Cadmium	111-1	197.91	197.71	200.18	198.60	0.69	ppb
Calcium	43-1	1179.79	1145.50	1169.78	1165.02	1.51	ppb
Calcium	44-1	1176.62	1184.97	1184.91	1182.17	0.41	ppb
Chromium	52-2	412.33	408.13	408.41	409.62	0.57	ppb
Cobalt	59-2	206.84	208.12	205.73	206.90	0.58	ppb
Copper	63-2	370.27	375.11	372.54	372.64	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	3552.17	3558.79	3537.56	3549.51	0.31	ppb
Iron	57-2	3475.39	3491.66	3451.87	3472.97	0.58	ppb
Krypton	83-1						cps
Lead	206-1	1026.74	1025.64	1027.09	1026.49	0.07	ppb
Lead	207-1	1020.76	1013.22	1020.41	1018.13	0.42	ppb
Lead	208-1	1022.47	1017.78	1020.26	1020.17	0.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	2372.99	2340.18	2342.57	2351.92	0.78	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01A	Instrumnet Name :	P7
Client Sample ID :	390828189A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:17:09	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	202.03	200.83	200.36	201.07	0.43	ppb
Molybdenum	94-1	264.82	267.46	266.81	266.36	0.52	ppb
Molybdenum	95-1	374.44	372.34	375.18	373.99	0.39	ppb
Molybdenum	96-1	359.79	360.07	363.12	360.99	0.51	ppb
Molybdenum	97-1	370.04	370.06	372.69	370.93	0.41	ppb
Molybdenum	98-1	372.04	372.01	374.06	372.70	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.38	523.03	521.39	522.94	0.29	ppb
Phosphorus	31-2	5987.42	5803.66	5978.15	5923.08	1.75	ppb
Potassium	39-2	11455.79	11397.03	11437.55	11430.13	0.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	1987.67	1994.08	2035.04	2005.60	1.28	ppb
Selenium	78-2	2041.14	2025.08	2040.79	2035.67	0.45	ppb
Selenium	82-1	2001.05	2014.89	2023.22	2013.06	0.56	ppb
Silicon	28-1	10855.76	10939.71	10850.37	10881.95	0.46	ppb
Silver	109-1	78.22	77.60	78.32	78.05	0.50	ppb
Silver	107-1	77.58	78.31	77.65	77.85	0.52	ppb
Sodium	23-2	103296.82	102171.43	101885.90	102451.38	0.73	ppb
Strontium	86-1	203.60	202.88	204.59	203.69	0.42	ppb
Strontium	88-1	205.42	204.08	206.52	205.34	0.60	ppb
Sulfur	34-1	2225.41	2353.40	2308.26	2295.69	2.83	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	2055.85	2028.39	2016.50	2033.58	0.99	ppb
Thallium	205-1	2047.33	2024.58	2033.30	2035.07	0.56	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	12.21	ppb
Tin	118-1	743.46	733.47	740.00	738.98	0.69	ppb
Titanium	47-1	202.41	202.81	201.54	202.26	0.32	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	57.89	ppb
Vanadium	51-2	305.86	305.47	305.49	305.60	0.07	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01A	Instrumnet Name :	P7
Client Sample ID :	390828189A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:17:09	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	211.91	210.11	211.74	211.25	0.47	ppb
Zirconium	90-1	0.09	0.11	0.09	0.10	8.20	ppb
Zirconium	91-1	0.57	0.61	0.57	0.58	3.76	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:20:44	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58816.25	58394.50	58155.53	58455.42	0.57	ppb
Antimony	121-1	501.58	499.50	498.69	499.92	0.30	ppb
Arsenic	75-2	499.40	502.54	498.44	500.13	0.43	ppb
Barium	135-1	2566.10	2550.02	2548.33	2554.82	0.38	ppb
Barium	137-1	2541.48	2544.42	2534.85	2540.25	0.19	ppb
Beryllium	9-1	481.80	483.01	483.17	482.66	0.15	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	11-1	482.44	490.25	494.47	489.05	1.25	ppb
Boron	10-1	480.06	491.96	497.54	489.85	1.82	ppb
Cadmium	106-1	522.62	524.67	523.42	523.57	0.20	ppb
Cadmium	108-1	519.34	516.17	517.31	517.60	0.31	ppb
Cadmium	111-1	512.90	513.84	511.65	512.80	0.21	ppb
Calcium	43-1	244533.09	246953.78	246984.50	246157.13	0.57	ppb
Calcium	44-1	243744.40	246230.30	247009.56	245661.42	0.69	ppb
Chromium	52-2	495.81	495.16	492.76	494.58	0.33	ppb
Cobalt	59-2	475.26	477.28	474.74	475.76	0.28	ppb
Copper	63-2	997.61	1000.23	994.59	997.48	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	135272.52	135467.92	135043.59	135261.34	0.16	ppb
Iron	57-2	134791.51	134972.40	135039.65	134934.52	0.10	ppb
Krypton	83-1						cps
Lead	206-1	503.03	506.09	510.89	506.67	0.78	ppb
Lead	207-1	503.77	501.73	505.85	503.79	0.41	ppb
Lead	208-1	501.87	500.27	506.70	502.95	0.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	274938.49	275000.58	274367.38	274768.82	0.13	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:20:44	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.16	962.55	956.97	959.22	0.31	ppb
Molybdenum	94-1	2475.78	2507.49	2500.26	2494.51	0.67	ppb
Molybdenum	95-1	2494.74	2496.37	2507.04	2499.38	0.27	ppb
Molybdenum	96-1	2486.01	2476.07	2505.29	2489.12	0.60	ppb
Molybdenum	97-1	2479.26	2476.43	2484.74	2480.14	0.17	ppb
Molybdenum	98-1	2470.10	2486.56	2489.66	2482.10	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.64	476.09	474.54	475.76	0.23	ppb
Phosphorus	31-2	9920.76	10054.84	10354.06	10109.89	2.19	ppb
Potassium	39-2	138626.59	138535.94	137811.61	138324.72	0.32	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	491.42	501.56	506.15	499.71	1.51	ppb
Selenium	78-2	500.15	502.47	496.38	499.67	0.62	ppb
Selenium	82-1	494.96	497.93	495.62	496.17	0.31	ppb
Silicon	28-1	557.87	567.00	574.43	566.43	1.46	ppb
Silver	109-1	531.56	529.92	524.56	528.68	0.69	ppb
Silver	107-1	533.61	529.89	532.21	531.90	0.35	ppb
Sodium	23-2	272839.53	272170.68	270077.95	271696.05	0.53	ppb
Strontium	86-1	484.11	489.17	487.57	486.95	0.53	ppb
Strontium	88-1	493.65	496.07	494.54	494.75	0.25	ppb
Sulfur	34-1	9546.18	9412.57	9614.99	9524.58	1.08	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	504.59	509.71	513.52	509.27	0.88	ppb
Thallium	205-1	505.42	511.61	509.29	508.77	0.62	ppb
Thorium	232-1	511.60	506.82	505.04	507.82	0.67	ppb
Tin	118-1	512.10	509.25	511.33	510.89	0.29	ppb
Titanium	47-1	2431.91	2443.86	2426.35	2434.04	0.37	ppb
Uranium	238-1	498.68	504.14	503.40	502.08	0.59	ppb
Vanadium	51-2	493.67	496.31	494.64	494.87	0.27	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:20:44	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	957.45	961.77	956.78	958.67	0.28	ppb
Zirconium	90-1	497.79	502.20	504.05	501.35	0.64	ppb
Zirconium	91-1	491.72	499.28	497.80	496.27	0.81	ppb

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : CCB27 Instrumnet Name : P7
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 13:24:26 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.45	0.43	0.36	37.46	ppb
Antimony	121-1	0.37	0.46	0.45	0.42	11.88	ppb
Arsenic	75-2	0.05	0.05	0.06	0.06	10.17	ppb
Barium	135-1	0.01	0.02	0.00	0.01	139.49	ppb
Barium	137-1	0.02	0.02	0.02	0.02	6.22	ppb
Beryllium	9-1	0.10	0.08	0.07	0.08	17.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	11-1	28.44	27.38	26.53	27.45	3.49	ppb
Boron	10-1	29.40	26.76	27.59	27.92	4.83	ppb
Cadmium	106-1	0.65	-0.25	-0.33	0.02	2360.28	ppb
Cadmium	108-1	0.01	0.02	0.03	0.02	63.94	ppb
Cadmium	111-1	0.09	0.02	0.00	0.04	130.91	ppb
Calcium	43-1	1.89	2.85	2.09	2.28	22.30	ppb
Calcium	44-1	2.61	2.57	1.50	2.23	28.35	ppb
Chromium	52-2	0.01	-0.01	0.01	0.00	822.58	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.07	0.09	0.08	0.08	9.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	1.35	1.23	1.28	1.28	4.58	ppb
Iron	57-2	1.63	1.82	2.01	1.82	10.43	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.06	13.49	ppb
Lead	207-1	0.07	0.06	0.06	0.06	10.10	ppb
Lead	208-1	0.06	0.06	0.06	0.06	6.09	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.31	1.20	0.99	1.17	14.03	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:24:26	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.01	0.00	138.82	ppb
Molybdenum	94-1	0.58	0.52	0.47	0.52	10.50	ppb
Molybdenum	95-1	0.72	0.64	0.65	0.67	6.57	ppb
Molybdenum	96-1	0.77	0.71	0.65	0.71	8.39	ppb
Molybdenum	97-1	0.81	0.69	0.68	0.73	9.47	ppb
Molybdenum	98-1	0.75	0.65	0.61	0.67	10.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.02	0.00		ppb
Phosphorus	31-2	-29.16	-32.18	-39.88	-33.74		ppb
Potassium	39-2	41.11	37.83	37.43	38.79	5.20	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				106		%
Selenium	77-2	-0.09	0.17	-0.09	-0.01		ppb
Selenium	78-2	0.16	0.01	-0.01	0.05	176.42	ppb
Selenium	82-1	0.14	0.33	-0.55	-0.03		ppb
Silicon	28-1	4.64	4.39	3.74	4.26	10.89	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.57	ppb
Silver	107-1	0.02	0.02	0.02	0.02	5.49	ppb
Sodium	23-2	71.35	66.81	63.48	67.21	5.88	ppb
Strontium	86-1	-0.05	-0.12	-0.21	-0.13		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	22.43	ppb
Sulfur	34-1	-261.10	-379.03	-328.17	-322.77		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.26	0.23	0.23	0.24	8.07	ppb
Thallium	205-1	0.24	0.23	0.23	0.23	3.92	ppb
Thorium	232-1	0.07	0.07	0.07	0.07	3.36	ppb
Tin	118-1	0.25	0.24	0.28	0.25	8.47	ppb
Titanium	47-1	0.07	0.02	0.04	0.04	52.46	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	58.95	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	64.03	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:24:26	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	-0.03	0.03	0.01	513.81	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	9.64	ppb
Zirconium	91-1	0.02	0.05	0.03	0.04	36.89	ppb

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:39:02	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	25	31	31.50	cps
Antimony	121-1	225	183	175	194	13.78	cps
Arsenic	75-2	13	0	11	8	87.37	cps
Barium	135-1	33	75	100	69	48.50	cps
Barium	137-1	25	33	25	28	17.33	cps
Beryllium	9-1	53	60	67	60	11.12	cps
Bismuth	209-1	19203068	19050571	19017547	19090395	0.52	cps
Bismuth	209-2	9802329	9677702	9688014	9722682	0.71	cps
Boron	11-1	3426	3351	3442	3406	1.43	cps
Boron	10-1	858	742	783	795	7.44	cps
Cadmium	106-1	8811	9095	9420	9109	3.34	cps
Cadmium	108-1	42	38	8	29	62.28	cps
Cadmium	111-1	6160	6378	6617	6385	3.59	cps
Calcium	43-1	133	125	108	122	10.41	cps
Calcium	44-1	13566	13724	13157	13482	2.17	cps
Chromium	52-2	733	777	780	763	3.41	cps
Cobalt	59-2	110	90	87	96	13.21	cps
Copper	63-2	1097	1183	1120	1133	3.96	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	10	27	30	22	48.22	cps
Erbium	164-2	90	83	80	84	6.03	cps
Erbium	164-1	108	92	142	114	22.36	cps
Gadolinium	160-1	158	217	183	186	15.73	cps
Gadolinium	160-2	320	287	353	320	10.42	cps
Holmium	165-1	27699285	27687853	27308490	27565209	0.81	cps
Holmium	165-2	12513061	12478570	12448371	12480001	0.26	cps
Indium	115-1	18684252	18640915	18487334	18604167	0.56	cps
Indium	115-2	3294744	3255414	3254581	3268246	0.70	cps
Iron	56-2	2545	2511	2267	2441	6.21	cps
Iron	57-2	50	100	61	70	37.31	cps
Krypton	83-1	4371	4584	4571	4509	2.65	cps
Lead	206-1	1500	1650	1411	1521	7.94	cps
Lead	207-1	1483	1383	1467	1445	3.71	cps
Lead	208-1	5545	5428	5445	5473	1.15	cps
Lithium	6-1	4222269	4203493	4185698	4203820	0.44	cps
Magnesium	24-2	442	450	317	403	18.54	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:39:02	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	57	27	43	35.25	cps
Molybdenum	94-1	675	550	550	592	12.20	cps
Molybdenum	95-1	25	83	58	56	52.68	cps
Molybdenum	96-1	108	167	142	139	21.07	cps
Molybdenum	97-1	58	50	25	44	39.04	cps
Molybdenum	98-1	75	83	67	75	11.11	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	137	143	143	141	2.73	cps
Phosphorus	31-2	83	125	217	142	48.15	cps
Potassium	39-2	18512	17853	18003	18123	1.91	cps
Rhodium	103-1	16656935	16520521	16398930	16525462	0.78	cps
Rhodium	103-2	8144293	8047248	8020952	8070831	0.80	cps
Scandium	45-1	9248191	9250889	9210593	9236558	0.24	cps
Scandium	45-2	427417	424672	425182	425757	0.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	43	46	57	49	15.81	cps
Selenium	82-1	163	-88	-52	8	1740.65	cps
Silicon	28-1	99790	98792	99489	99357	0.52	cps
Silver	109-1	83	108	58	83	30.00	cps
Silver	107-1	175	233	250	219	17.95	cps
Sodium	23-2	18646	18612	18579	18612	0.18	cps
Strontium	86-1	7369	7861	7477	7569	3.42	cps
Strontium	88-1	142	100	108	117	18.89	cps
Sulfur	34-1	502398	501836	503507	502581	0.17	cps
Terbium	159-1	27720431	27908860	27695323	27774871	0.42	cps
Terbium	159-2	12181293	12049890	12040839	12090674	0.65	cps
Thallium	203-1	683	725	617	675	8.10	cps
Thallium	205-1	1100	1133	950	1061	9.20	cps
Thorium	232-1	2500	2884	2989	2791	9.22	cps
Tin	118-1	2392	2442	2450	2428	1.30	cps
Titanium	47-1	117	125	58	100	36.32	cps
Uranium	238-1	3259	3034	3342	3212	4.97	cps
Vanadium	51-2	0	0	13	4	173.21	cps
Yttrium	89-1	20028439	19933222	19697377	19886346	0.86	cps
Yttrium	89-2	2676565	2633712	2642341	2650873	0.85	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:39:02	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	340	303	267	303	12.09	cps
Zirconium	90-1	1767	1350	1392	1503	15.27	cps
Zirconium	91-1	267	308	267	281	8.58	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:42:37	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2909	2700	3042	2884	5.97	cps
Antimony	121-1	31770	32698	31896	32121	1.57	cps
Arsenic	75-2	524	461	506	497	6.51	cps
Barium	135-1	40535	40343	40125	40334	0.51	cps
Barium	137-1	70337	71585	70078	70667	1.14	cps
Beryllium	9-1	2610	2540	2654	2601	2.20	cps
Bismuth	209-1	20277792	20402167	20134128	20271362	0.66	cps
Bismuth	209-2	10351940	10354829	10349137	10351969	0.03	cps
Boron	11-1	52433	53721	53956	53370	1.54	cps
Boron	10-1	10471	11113	11722	11102	5.64	cps
Cadmium	106-1	10012	10371	10571	10318	2.74	cps
Cadmium	108-1	375	346	304	342	10.42	cps
Cadmium	111-1	11705	11639	11767	11704	0.55	cps
Calcium	43-1	20131	20431	20298	20287	0.74	cps
Calcium	44-1	340917	340269	343557	341581	0.51	cps
Chromium	52-2	9807	9820	9883	9837	0.42	cps
Cobalt	59-2	7742	8182	7722	7882	3.30	cps
Copper	63-2	12579	12439	12709	12576	1.07	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	20	37	20	26	37.66	cps
Erbium	164-2	63	77	70	70	9.53	cps
Erbium	164-1	117	92	125	111	15.61	cps
Gadolinium	160-1	192	233	192	206	11.70	cps
Gadolinium	160-2	280	303	343	309	10.37	cps
Holmium	165-1	28984696	29024927	28933264	28980962	0.16	cps
Holmium	165-2	13304356	13262900	13263299	13276852	0.18	cps
Indium	115-1	19657215	19812691	19777346	19749084	0.41	cps
Indium	115-2	3397514	3398273	3406277	3400688	0.14	cps
Iron	56-2	210589	214882	214172	213214	1.08	cps
Iron	57-2	5601	5640	5618	5620	0.35	cps
Krypton	83-1	4821	4667	4561	4683	2.79	cps
Lead	206-1	18530	19376	19359	19088	2.53	cps
Lead	207-1	16739	16105	15954	16266	2.56	cps
Lead	208-1	74371	74901	74538	74603	0.36	cps
Lithium	6-1	4354708	4382268	4381758	4372911	0.36	cps
Magnesium	24-2	176972	179190	178425	178196	0.63	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:42:37	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2880	2820	2777	2826	1.84	cps
Molybdenum	94-1	30058	30300	30676	30344	1.03	cps
Molybdenum	95-1	39205	39890	38194	39096	2.18	cps
Molybdenum	96-1	43166	43117	42673	42985	0.63	cps
Molybdenum	97-1	24814	25282	25724	25273	1.80	cps
Molybdenum	98-1	62145	62756	63099	62667	0.77	cps
Neodymium	150-1	27	7	27	20	57.73	cps
Neodymium	150-2	13	3	27	14	81.07	cps
Nickel	60-2	2300	2180	2280	2254	2.85	cps
Phosphorus	31-2	533	517	667	572	14.37	cps
Potassium	39-2	154110	157545	154320	155325	1.24	cps
Rhodium	103-1	17529398	17546607	17456047	17510684	0.27	cps
Rhodium	103-2	8569845	8618448	8603123	8597139	0.29	cps
Scandium	45-1	9728381	9724503	9842911	9765265	0.69	cps
Scandium	45-2	438825	444195	442031	441684	0.61	cps
Selenium	77-2	110	63	60	78	35.94	cps
Selenium	78-2	317	263	319	299	10.54	cps
Selenium	82-1	1534	1588	1692	1605	5.03	cps
Silicon	28-1	177045	178620	179835	178500	0.78	cps
Silver	109-1	19397	19614	19072	19361	1.41	cps
Silver	107-1	20057	20073	20298	20143	0.67	cps
Sodium	23-2	341466	344660	343785	343304	0.48	cps
Strontium	86-1	12164	11772	12289	12075	2.23	cps
Strontium	88-1	42548	42205	41895	42216	0.77	cps
Sulfur	34-1	515028	519801	520462	518430	0.57	cps
Terbium	159-1	29220332	29362046	29076854	29219744	0.49	cps
Terbium	159-2	12853304	12812759	12836985	12834350	0.16	cps
Thallium	203-1	21385	21777	21952	21705	1.34	cps
Thallium	205-1	51124	51853	52036	51671	0.93	cps
Thorium	232-1	67352	67005	65497	66618	1.48	cps
Tin	118-1	77933	74121	76408	76154	2.52	cps
Titanium	47-1	9845	9737	9537	9706	1.61	cps
Uranium	238-1	72503	73652	73350	73168	0.81	cps
Vanadium	51-2	17971	17707	18475	18051	2.16	cps
Yttrium	89-1	20856734	20943563	21122186	20974161	0.65	cps
Yttrium	89-2	2761554	2767272	2775778	2768202	0.26	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:42:37	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2270	2207	2114	2197	3.59	cps
Zirconium	90-1	24572	22577	23253	23467	4.32	cps
Zirconium	91-1	4934	5143	5243	5107	3.08	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 11:47:14 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	139705	138057	138090	138617	0.68	cps
Antimony	121-1	849619	853954	851153	851575	0.26	cps
Arsenic	75-2	23269	23330	23057	23219	0.62	cps
Barium	135-1	1017393	1003924	1005803	1009040	0.72	cps
Barium	137-1	1776126	1761747	1771371	1769748	0.41	cps
Beryllium	9-1	129553	131826	130565	130648	0.87	cps
Bismuth	209-1	20356851	20164278	20204518	20241882	0.50	cps
Bismuth	209-2	10176347	10177221	10157751	10170440	0.11	cps
Boron	11-1	105476	107136	107874	106829	1.15	cps
Boron	10-1	22926	22267	22543	22579	1.47	cps
Cadmium	106-1	37099	36623	37376	37033	1.03	cps
Cadmium	108-1	19910	19434	19151	19498	1.97	cps
Cadmium	111-1	257584	259874	258814	258758	0.44	cps
Calcium	43-1	206521	207653	208048	207407	0.38	cps
Calcium	44-1	3409441	3409332	3394123	3404299	0.26	cps
Chromium	52-2	226709	225144	224699	225518	0.47	cps
Cobalt	59-2	391222	388823	391462	390502	0.37	cps
Copper	63-2	575275	573809	572972	574019	0.20	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	37	47	37	40	14.43	cps
Erbium	164-2	100	70	70	80	21.65	cps
Erbium	164-1	133	133	158	142	10.19	cps
Gadolinium	160-1	242	225	167	211	18.66	cps
Gadolinium	160-2	360	307	340	336	8.03	cps
Holmium	165-1	28893207	29280213	29299179	29157533	0.79	cps
Holmium	165-2	13103742	13166287	13142657	13137562	0.24	cps
Indium	115-1	19382245	19484854	19562498	19476532	0.46	cps
Indium	115-2	3309400	3300802	3329223	3313142	0.44	cps
Iron	56-2	10059621	9985554	9999461	10014879	0.39	cps
Iron	57-2	248961	248137	247699	248266	0.26	cps
Krypton	83-1	4691	4394	4634	4573	3.45	cps
Lead	206-1	880812	899906	894887	891868	1.11	cps
Lead	207-1	780204	785253	789491	784983	0.59	cps
Lead	208-1	3565805	3594930	3604861	3588532	0.57	cps
Lithium	6-1	4332288	4323966	4313530	4323262	0.22	cps
Magnesium	24-2	1724826	1705286	1721648	1717253	0.61	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:47:14	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267370	265035	262162	264856	0.98	cps
Molybdenum	94-1	1630771	1637140	1625778	1631230	0.35	cps
Molybdenum	95-1	2057355	2072295	2042232	2057294	0.73	cps
Molybdenum	96-1	2285635	2295082	2277751	2286156	0.38	cps
Molybdenum	97-1	1290144	1299982	1282163	1290763	0.69	cps
Molybdenum	98-1	3333373	3342848	3316613	3330945	0.40	cps
Neodymium	150-1	107	33	80	73	50.62	cps
Neodymium	150-2	13	23	30	22	37.76	cps
Nickel	60-2	105600	104274	102979	104284	1.26	cps
Phosphorus	31-2	7185	6885	6802	6958	2.90	cps
Potassium	39-2	691079	683820	686121	687007	0.54	cps
Rhodium	103-1	17285822	17260533	17218120	17254825	0.20	cps
Rhodium	103-2	8374911	8322386	8398723	8365340	0.47	cps
Scandium	45-1	9701030	9682348	9637991	9673789	0.33	cps
Scandium	45-2	430639	426932	426088	427886	0.57	cps
Selenium	77-2	727	653	677	686	5.47	cps
Selenium	78-2	2306	2278	2184	2256	2.84	cps
Selenium	82-1	16547	16559	16563	16556	0.05	cps
Silicon	28-1	562255	566025	570657	566312	0.74	cps
Silver	109-1	1084322	1094413	1077594	1085443	0.78	cps
Silver	107-1	1123299	1135477	1128990	1129256	0.54	cps
Sodium	23-2	3271404	3234931	3227556	3244630	0.72	cps
Strontium	86-1	250117	251517	247802	249812	0.75	cps
Strontium	88-1	2125854	2128365	2107430	2120549	0.54	cps
Sulfur	34-1	589723	585285	582785	585931	0.60	cps
Terbium	159-1	29423756	29217419	29374476	29338550	0.37	cps
Terbium	159-2	12647969	12682061	12669718	12666583	0.14	cps
Thallium	203-1	1079451	1093313	1100169	1090978	0.97	cps
Thallium	205-1	2600939	2631748	2640603	2624430	0.79	cps
Thorium	232-1	3746226	3791985	3758320	3765510	0.63	cps
Tin	118-1	733569	740069	736379	736672	0.44	cps
Titanium	47-1	467877	469691	457559	465043	1.41	cps
Uranium	238-1	3694114	3732144	3638274	3688177	1.28	cps
Vanadium	51-2	171705	168954	171389	170683	0.88	cps
Yttrium	89-1	20808365	20859323	20824727	20830805	0.12	cps
Yttrium	89-2	2697277	2668740	2690269	2685429	0.55	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:47:14	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	91488	90891	92008	91462	0.61	cps
Zirconium	90-1	1261478	1267942	1260002	1263141	0.33	cps
Zirconium	91-1	281267	280368	282220	281285	0.33	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:51:24	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332134	325659	329085	328959	0.98	cps
Antimony	121-1	2068240	2070282	2080610	2073044	0.32	cps
Arsenic	75-2	55470	55098	55269	55279	0.34	cps
Barium	135-1	2445122	2442596	2432080	2439933	0.28	cps
Barium	137-1	4256259	4286613	4251451	4264774	0.45	cps
Beryllium	9-1	306663	307196	302073	305311	0.92	cps
Bismuth	209-1	19787547	19613919	19716806	19706091	0.44	cps
Bismuth	209-2	9893279	9840592	9888880	9874250	0.30	cps
Boron	11-1	243875	245121	250644	246547	1.46	cps
Boron	10-1	51021	52149	52049	51740	1.21	cps
Cadmium	106-1	76147	75074	75787	75669	0.72	cps
Cadmium	108-1	46401	47049	46242	46564	0.92	cps
Cadmium	111-1	608790	607218	611973	609327	0.40	cps
Calcium	43-1	492635	492896	498019	494517	0.61	cps
Calcium	44-1	8087260	8072674	8031081	8063672	0.36	cps
Chromium	52-2	529655	525801	533169	529542	0.70	cps
Cobalt	59-2	919675	910147	916495	915439	0.53	cps
Copper	63-2	1342324	1340421	1329428	1337391	0.52	cps
Dysprosium	156-1	83	75	100	86	14.79	cps
Dysprosium	156-2	57	67	47	57	17.65	cps
Erbium	164-2	103	90	63	86	23.80	cps
Erbium	164-1	158	58	117	111	45.21	cps
Gadolinium	160-1	125	192	250	189	33.11	cps
Gadolinium	160-2	293	323	300	306	5.16	cps
Holmium	165-1	28307176	28458021	28306068	28357088	0.31	cps
Holmium	165-2	12920724	12846809	12812146	12859893	0.43	cps
Indium	115-1	18755209	18626350	18727254	18702937	0.36	cps
Indium	115-2	3173215	3155262	3157597	3162024	0.31	cps
Iron	56-2	23858867	23718106	23536523	23704499	0.68	cps
Iron	57-2	590182	590243	586126	588850	0.40	cps
Krypton	83-1	4161	4464	4307	4311	3.52	cps
Lead	206-1	2175614	2189773	2176200	2180529	0.37	cps
Lead	207-1	1903016	1909546	1920337	1910966	0.46	cps
Lead	208-1	8719858	8761917	8750721	8744165	0.25	cps
Lithium	6-1	4105840	4083251	4076990	4088694	0.37	cps
Magnesium	24-2	4085905	4041779	4076593	4068092	0.57	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:51:24	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	624184	625001	625930	625038	0.14	cps
Molybdenum	94-1	3900554	3918260	3903921	3907578	0.24	cps
Molybdenum	95-1	4928461	4924037	4924267	4925588	0.05	cps
Molybdenum	96-1	5488515	5487083	5456314	5477304	0.33	cps
Molybdenum	97-1	3111128	3111502	3064804	3095811	0.87	cps
Molybdenum	98-1	8032273	7987656	7866718	7962216	1.08	cps
Neodymium	150-1	240	213	287	247	15.05	cps
Neodymium	150-2	27	27	23	26	7.55	cps
Nickel	60-2	242461	240987	241611	241687	0.31	cps
Phosphorus	31-2	16310	15300	15625	15745	3.27	cps
Potassium	39-2	1599498	1596035	1597793	1597775	0.11	cps
Rhodium	103-1	16450272	16327484	16310473	16362743	0.47	cps
Rhodium	103-2	8023181	7958721	7957307	7979736	0.47	cps
Scandium	45-1	9238378	9244562	9197168	9226703	0.28	cps
Scandium	45-2	409080	405915	406157	407051	0.43	cps
Selenium	77-2	1697	1627	1567	1630	3.99	cps
Selenium	78-2	5295	5119	5277	5231	1.85	cps
Selenium	82-1	39328	39038	39444	39270	0.53	cps
Silicon	28-1	1272947	1293391	1306754	1291031	1.32	cps
Silver	109-1	2556413	2579698	2582862	2572991	0.56	cps
Silver	107-1	2675190	2658094	2669552	2667612	0.33	cps
Sodium	23-2	7671738	7695830	7647834	7671801	0.31	cps
Strontium	86-1	581748	582661	586723	583711	0.45	cps
Strontium	88-1	5115096	5066237	5066227	5082520	0.56	cps
Sulfur	34-1	654882	655307	654087	654759	0.09	cps
Terbium	159-1	28667673	28563278	28495585	28575512	0.30	cps
Terbium	159-2	12450805	12334422	12230512	12338580	0.89	cps
Thallium	203-1	2633308	2658234	2625091	2638878	0.65	cps
Thallium	205-1	6412224	6442362	6389296	6414627	0.41	cps
Thorium	232-1	9198521	9310418	9279045	9262661	0.62	cps
Tin	118-1	1771737	1775488	1771946	1773057	0.12	cps
Titanium	47-1	1095868	1104022	1092835	1097575	0.53	cps
Uranium	238-1	9009750	9095280	9079821	9061617	0.50	cps
Vanadium	51-2	404759	400560	403339	402886	0.53	cps
Yttrium	89-1	20079884	19945891	19973507	19999761	0.35	cps
Yttrium	89-2	2582951	2579940	2569977	2577623	0.26	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:51:24	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	213734	212970	213121	213275	0.19	cps
Zirconium	90-1	3008233	3008784	3016628	3011215	0.16	cps
Zirconium	91-1	671811	673753	673493	673019	0.16	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 11:55:14 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	581907	588639	588672	586406	0.66	cps
Antimony	121-1	3943346	3935576	3870554	3916492	1.02	cps
Arsenic	75-2	98014	99200	98080	98431	0.68	cps
Barium	135-1	4642073	4617441	4554310	4604608	0.98	cps
Barium	137-1	8124760	8001595	7904459	8010271	1.38	cps
Beryllium	9-1	560239	557051	550472	555921	0.90	cps
Bismuth	209-1	19062530	19019354	18869927	18983937	0.53	cps
Bismuth	209-2	9331992	9391402	9304864	9342753	0.47	cps
Boron	11-1	442488	444347	447030	444621	0.51	cps
Boron	10-1	93296	92675	94227	93399	0.84	cps
Cadmium	106-1	133231	131673	131195	132033	0.81	cps
Cadmium	108-1	87317	87380	86055	86917	0.86	cps
Cadmium	111-1	1146370	1127637	1129585	1134531	0.91	cps
Calcium	43-1	913342	903972	882377	899897	1.76	cps
Calcium	44-1	14945478	14682563	14521018	14716353	1.46	cps
Chromium	52-2	951477	957339	959312	956043	0.43	cps
Cobalt	59-2	1637351	1638534	1636185	1637357	0.07	cps
Copper	63-2	2379491	2392333	2375535	2382453	0.37	cps
Dysprosium	156-1	100	83	108	97	13.09	cps
Dysprosium	156-2	80	83	63	76	14.18	cps
Erbium	164-2	80	87	67	78	13.09	cps
Erbium	164-1	92	92	158	114	33.80	cps
Gadolinium	160-1	142	133	142	139	3.46	cps
Gadolinium	160-2	267	293	267	276	5.59	cps
Holmium	165-1	27498788	27555100	27171922	27408603	0.75	cps
Holmium	165-2	12066421	12201768	12138192	12135460	0.56	cps
Indium	115-1	17786932	17602048	17513283	17634088	0.79	cps
Indium	115-2	2893282	2923112	2911164	2909186	0.52	cps
Iron	56-2	42916616	42875362	42854305	42882094	0.07	cps
Iron	57-2	1061929	1062302	1062542	1062258	0.03	cps
Krypton	83-1	4031	4087	4031	4050	0.81	cps
Lead	206-1	4211536	4196019	4146127	4184561	0.82	cps
Lead	207-1	3676198	3709517	3668831	3684849	0.59	cps
Lead	208-1	16794132	16825851	16628797	16749593	0.63	cps
Lithium	6-1	3793991	3744801	3682118	3740303	1.50	cps
Magnesium	24-2	7311766	7365974	7267059	7314933	0.68	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:55:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1126810	1133133	1133778	1131240	0.34	cps
Molybdenum	94-1	7260915	7247253	7059354	7189174	1.57	cps
Molybdenum	95-1	9204943	9122305	8955745	9094331	1.40	cps
Molybdenum	96-1	10205381	10075505	9980271	10087052	1.12	cps
Molybdenum	97-1	5792036	5696165	5678700	5722300	1.07	cps
Molybdenum	98-1	14888268	14638451	14567270	14697996	1.15	cps
Neodymium	150-1	327	353	327	336	4.59	cps
Neodymium	150-2	37	43	47	42	12.06	cps
Nickel	60-2	432344	436549	433044	433979	0.52	cps
Phosphorus	31-2	27409	27509	29121	28013	3.43	cps
Potassium	39-2	2828723	2837917	2836973	2834538	0.18	cps
Rhodium	103-1	15258081	14947600	14829446	15011709	1.47	cps
Rhodium	103-2	7268181	7306255	7255754	7276730	0.36	cps
Scandium	45-1	8594443	8354423	8352474	8433780	1.65	cps
Scandium	45-2	363526	366026	366169	365240	0.41	cps
Selenium	77-2	2800	2814	2854	2823	0.98	cps
Selenium	78-2	9335	9688	9260	9428	2.43	cps
Selenium	82-1	72897	72391	71776	72354	0.78	cps
Silicon	28-1	2323100	2320189	2323896	2322395	0.08	cps
Silver	109-1	4798899	4763183	4709968	4757350	0.94	cps
Silver	107-1	4998571	4946402	4895584	4946852	1.04	cps
Sodium	23-2	13853991	13957002	13786305	13865766	0.62	cps
Strontium	86-1	1087615	1083270	1063361	1078082	1.20	cps
Strontium	88-1	9534542	9401689	9313866	9416699	1.18	cps
Sulfur	34-1	760617	746198	735184	747333	1.71	cps
Terbium	159-1	27577333	27373905	27011925	27321054	1.05	cps
Terbium	159-2	11657419	11789675	11652796	11699963	0.66	cps
Thallium	203-1	5109101	5143705	5069717	5107508	0.72	cps
Thallium	205-1	12216260	12179664	12055078	12150334	0.70	cps
Thorium	232-1	18428422	18199596	17998134	18208717	1.18	cps
Tin	118-1	3358410	3346460	3328337	3344402	0.45	cps
Titanium	47-1	2027017	1984200	1965443	1992220	1.58	cps
Uranium	238-1	18113181	17993557	17771433	17959390	0.97	cps
Vanadium	51-2	718746	728242	725792	724260	0.68	cps
Yttrium	89-1	18785547	18622221	18344884	18584217	1.20	cps
Yttrium	89-2	2337109	2355180	2344222	2345504	0.39	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:55:14	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	381267	385276	383490	383344	0.52	cps
Zirconium	90-1	5625460	5600990	5553687	5593379	0.65	cps
Zirconium	91-1	1249845	1258912	1221777	1243512	1.56	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 11:59:01 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1129901	1132420	1137969	1133430	0.36	cps
Antimony	121-1	7528782	7511931	7502879	7514531	0.17	cps
Arsenic	75-2	189511	190825	191336	190557	0.49	cps
Barium	135-1	8865769	8870007	8878363	8871380	0.07	cps
Barium	137-1	15486883	15510926	15519939	15505916	0.11	cps
Beryllium	9-1	1039786	1032186	1031029	1034334	0.46	cps
Bismuth	209-1	18476735	18540344	18414594	18477224	0.34	cps
Bismuth	209-2	9057077	9089531	9130124	9092244	0.40	cps
Boron	11-1	844850	848584	855763	849732	0.65	cps
Boron	10-1	177243	176215	178955	177471	0.78	cps
Cadmium	106-1	244135	242167	242668	242990	0.42	cps
Cadmium	108-1	166038	166073	165095	165735	0.33	cps
Cadmium	111-1	2157658	2143181	2153770	2151536	0.35	cps
Calcium	43-1	1716901	1722625	1719930	1719819	0.17	cps
Calcium	44-1	28060785	28045669	27965810	28024088	0.18	cps
Chromium	52-2	1841324	1833145	1851344	1841938	0.49	cps
Cobalt	59-2	3135780	3146843	3136860	3139828	0.19	cps
Copper	63-2	4555080	4552279	4584099	4563819	0.39	cps
Dysprosium	156-1	217	175	208	200	11.02	cps
Dysprosium	156-2	190	203	140	178	18.78	cps
Erbium	164-2	97	100	77	91	13.85	cps
Erbium	164-1	158	167	125	150	14.70	cps
Gadolinium	160-1	225	175	183	194	13.78	cps
Gadolinium	160-2	310	300	280	297	5.15	cps
Holmium	165-1	26980549	27464897	26905731	27117059	1.12	cps
Holmium	165-2	11978429	11972255	12112279	12020987	0.66	cps
Indium	115-1	16853467	17027718	16849312	16910166	0.60	cps
Indium	115-2	2804279	2814474	2847643	2822132	0.80	cps
Iron	56-2	82215338	82625374	83094757	82645156	0.53	cps
Iron	57-2	2037140	2046150	2060411	2047900	0.57	cps
Krypton	83-1	3804	3847	3937	3863	1.76	cps
Lead	206-1	8171874	8121966	8083018	8125619	0.55	cps
Lead	207-1	7171813	7191285	7114730	7159276	0.56	cps
Lead	208-1	32801528	32697697	32537634	32678953	0.41	cps
Lithium	6-1	3507677	3516006	3481321	3501668	0.52	cps
Magnesium	24-2	14212027	14172590	14294926	14226514	0.44	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:59:01	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2173485	2181543	2204768	2186599	0.74	cps
Molybdenum	94-1	13959124	13954500	14042046	13985223	0.35	cps
Molybdenum	95-1	17501174	17516155	17529628	17515652	0.08	cps
Molybdenum	96-1	19436228	19364037	19382945	19394403	0.19	cps
Molybdenum	97-1	11047712	11053409	10951961	11017694	0.52	cps
Molybdenum	98-1	28491102	28438414	28261701	28397072	0.42	cps
Neodymium	150-1	707	787	720	738	5.81	cps
Neodymium	150-2	97	77	117	97	20.69	cps
Nickel	60-2	827135	830883	828573	828864	0.23	cps
Phosphorus	31-2	53932	53689	53455	53692	0.44	cps
Potassium	39-2	5496030	5489847	5519156	5501678	0.28	cps
Rhodium	103-1	14305533	14393831	14234976	14311447	0.56	cps
Rhodium	103-2	7056110	7049706	7086674	7064163	0.28	cps
Scandium	45-1	8008212	8097848	8021729	8042596	0.60	cps
Scandium	45-2	359551	362006	359459	360339	0.40	cps
Selenium	77-2	5214	5208	5321	5248	1.21	cps
Selenium	78-2	17920	18071	18408	18133	1.38	cps
Selenium	82-1	138177	137658	136724	137520	0.54	cps
Silicon	28-1	4416361	4489974	4470018	4458784	0.85	cps
Silver	109-1	8965402	8993817	8964875	8974698	0.18	cps
Silver	107-1	9321900	9324827	9282206	9309644	0.26	cps
Sodium	23-2	26894378	26942366	27178237	27004994	0.56	cps
Strontium	86-1	2076292	2071580	2061740	2069871	0.36	cps
Strontium	88-1	18150222	18098954	18077457	18108878	0.21	cps
Sulfur	34-1	1007031	1004949	995620	1002533	0.61	cps
Terbium	159-1	26961063	26988807	26941738	26963869	0.09	cps
Terbium	159-2	11426179	11568151	11538219	11510850	0.65	cps
Thallium	203-1	9952601	9930166	9910249	9931005	0.21	cps
Thallium	205-1	23919493	23924088	23826749	23890110	0.23	cps
Thorium	232-1	36273008	35816595	36003294	36030966	0.64	cps
Tin	118-1	6464250	6470197	6401489	6445312	0.59	cps
Titanium	47-1	3833171	3795116	3768975	3799087	0.85	cps
Uranium	238-1	35589265	35378212	35323280	35430253	0.40	cps
Vanadium	51-2	1400724	1402552	1411833	1405036	0.42	cps
Yttrium	89-1	17976936	17903677	17915901	17932171	0.22	cps
Yttrium	89-2	2281908	2292782	2314677	2296456	0.73	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 11:59:01	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	731977	734431	739545	735318	0.53	cps
Zirconium	90-1	10731296	10664706	10712214	10702739	0.32	cps
Zirconium	91-1	2412757	2392996	2403928	2403227	0.41	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:02:47 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2259005	2247705	2280641	2262450	0.74	cps
Antimony	121-1	14808611	14749835	15011383	14856610	0.92	cps
Arsenic	75-2	372192	375034	374641	373955	0.41	cps
Barium	135-1	17571811	17477126	17700226	17583054	0.64	cps
Barium	137-1	30663104	30726165	30873949	30754406	0.35	cps
Beryllium	9-1	1996929	1986809	1986289	1990009	0.30	cps
Bismuth	209-1	17659684	17799293	17896043	17785007	0.67	cps
Bismuth	209-2	8723581	8756626	8747686	8742631	0.20	cps
Boron	11-1	1660494	1669510	1691860	1673955	0.96	cps
Boron	10-1	340503	349290	353304	347699	1.88	cps
Cadmium	106-1	495910	495362	495779	495683	0.06	cps
Cadmium	108-1	338800	340835	343470	341035	0.69	cps
Cadmium	111-1	4498451	4472044	4486795	4485763	0.30	cps
Calcium	43-1	3404596	3390485	3410096	3401726	0.30	cps
Calcium	44-1	55466645	55460018	56015089	55647251	0.57	cps
Chromium	52-2	3609851	3596945	3609209	3605335	0.20	cps
Cobalt	59-2	6155724	6177624	6180990	6171446	0.22	cps
Copper	63-2	9713503	9675411	9681709	9690207	0.21	cps
Dysprosium	156-1	225	350	333	303	22.42	cps
Dysprosium	156-2	290	257	237	261	10.32	cps
Erbium	164-2	90	77	93	87	10.18	cps
Erbium	164-1	175	50	150	125	52.92	cps
Gadolinium	160-1	158	192	192	181	10.66	cps
Gadolinium	160-2	327	340	340	336	2.29	cps
Holmium	165-1	26551667	26869397	26869265	26763443	0.69	cps
Holmium	165-2	11823270	11846215	11882894	11850793	0.25	cps
Indium	115-1	16380512	16425826	16370003	16392114	0.18	cps
Indium	115-2	2688610	2712455	2707783	2702949	0.47	cps
Iron	56-2	162047031	162444343	162403281	162298218	0.13	cps
Iron	57-2	4027670	4036885	4040391	4034982	0.16	cps
Krypton	83-1	3767	3791	3594	3717	2.89	cps
Lead	206-1	15861495	15935419	16061635	15952850	0.63	cps
Lead	207-1	13887284	13882628	14076773	13948895	0.79	cps
Lead	208-1	63607986	63573557	64415071	63865538	0.75	cps
Lithium	6-1	3387642	3413053	3416833	3405842	0.47	cps
Magnesium	24-2	28170336	27967748	28406892	28181659	0.78	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:02:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4267702	4274741	4278035	4273493	0.12	cps
Molybdenum	94-1	27514420	27482978	27597776	27531725	0.22	cps
Molybdenum	95-1	34446729	34630817	34666696	34581414	0.34	cps
Molybdenum	96-1	38439615	38574865	38438730	38484404	0.20	cps
Molybdenum	97-1	21752045	21951939	21842011	21848665	0.46	cps
Molybdenum	98-1	56424933	56511485	56131133	56355850	0.35	cps
Neodymium	150-1	1393	1347	1373	1371	1.71	cps
Neodymium	150-2	113	123	93	110	13.89	cps
Nickel	60-2	1610061	1615092	1603896	1609683	0.35	cps
Phosphorus	31-2	106873	105060	107141	106358	1.06	cps
Potassium	39-2	10803578	10754863	10938103	10832181	0.88	cps
Rhodium	103-1	13751630	13864005	13800688	13805441	0.41	cps
Rhodium	103-2	6805441	6819352	6802525	6809106	0.13	cps
Scandium	45-1	7903802	7957370	7994370	7951847	0.57	cps
Scandium	45-2	350004	352043	358896	353648	1.32	cps
Selenium	77-2	10180	10701	10481	10454	2.50	cps
Selenium	78-2	34595	34597	34816	34669	0.37	cps
Selenium	82-1	263394	262571	262834	262933	0.16	cps
Silicon	28-1	6457989	6480033	6551933	6496652	0.76	cps
Silver	109-1	18248932	18361631	18464052	18358205	0.59	cps
Silver	107-1	18951666	18858597	19128015	18979426	0.72	cps
Sodium	23-2	53768739	53317064	53968610	53684804	0.62	cps
Strontium	86-1	4087524	4082180	4097673	4089126	0.19	cps
Strontium	88-1	35585639	35647323	36090704	35774555	0.77	cps
Sulfur	34-1	1579602	1570097	1576197	1575299	0.31	cps
Terbium	159-1	26505606	26672070	26753597	26643758	0.47	cps
Terbium	159-2	11322067	11297294	11347544	11322302	0.22	cps
Thallium	203-1	19418163	19489185	19561289	19489546	0.37	cps
Thallium	205-1	46504099	46851094	47328103	46894432	0.88	cps
Thorium	232-1	71414690	72258696	71275131	71649506	0.74	cps
Tin	118-1	12710771	12585186	12742406	12679455	0.66	cps
Titanium	47-1	7561139	7570132	7641704	7590992	0.58	cps
Uranium	238-1	70453918	70042147	69639268	70045111	0.58	cps
Vanadium	51-2	2773601	2759282	2777380	2770088	0.34	cps
Yttrium	89-1	17622333	17670497	17771979	17688270	0.43	cps
Yttrium	89-2	2236884	2242405	2250312	2243200	0.30	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:02:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1466610	1472508	1478774	1472631	0.41	cps
Zirconium	90-1	21304359	21190171	21212526	21235685	0.28	cps
Zirconium	91-1	4750499	4714892	4763447	4742946	0.53	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:06:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12694978	12874472	13002394	12857281	1.20	cps
Antimony	121-1	20958	22160	23195	22104	5.06	cps
Arsenic	75-2	504	633	570	569	11.39	cps
Barium	135-1	1692	1750	1759	1734	2.10	cps
Barium	137-1	2925	2759	2742	2809	3.61	cps
Beryllium	9-1	323	230	197	250	26.26	cps
Bismuth	209-1	16262801	16205196	16098464	16188820	0.52	cps
Bismuth	209-2	10076718	8278193	8223248	8859386	11.90	cps
Boron	11-1	92289	91300	88283	90624	2.30	cps
Boron	10-1	19705	18779	17736	18740	5.26	cps
Cadmium	106-1	9020	8745	9003	8923	1.73	cps
Cadmium	108-1	58	75	71	68	12.75	cps
Cadmium	111-1	6840	6515	6719	6691	2.46	cps
Calcium	43-1	17051101	17531052	17969238	17517130	2.62	cps
Calcium	44-1	279891031	288602090	296720498	288404540	2.92	cps
Chromium	52-2	114584	115945	119627	116719	2.24	cps
Cobalt	59-2	79568	82353	82132	81351	1.90	cps
Copper	63-2	15605	15558	16276	15813	2.54	cps
Dysprosium	156-1	142	83	133	119	26.41	cps
Dysprosium	156-2	47	67	57	57	17.65	cps
Erbium	164-2	83	83	60	76	17.83	cps
Erbium	164-1	133	167	75	125	37.12	cps
Gadolinium	160-1	242	192	200	211	12.69	cps
Gadolinium	160-2	363	340	280	328	13.12	cps
Holmium	165-1	26579041	26644877	26468054	26563991	0.34	cps
Holmium	165-2	15101311	12359985	12238286	13233194	12.23	cps
Indium	115-1	16508086	16718707	16698454	16641749	0.70	cps
Indium	115-2	3637438	2981352	2973445	3197412	11.92	cps
Iron	56-2	860132464	883795620	895223464	879717183	2.03	cps
Iron	57-2	21321990	21839068	22245294	21802117	2.12	cps
Krypton	83-1	4137	3977	4204	4106	2.84	cps
Lead	206-1	12223	11911	11733	11956	2.07	cps
Lead	207-1	10516	10415	10521	10484	0.57	cps
Lead	208-1	47562	46660	47562	47262	1.10	cps
Lithium	6-1	3575711	3635436	3775579	3662242	2.80	cps
Magnesium	24-2	147758645	151819403	152929312	150835787	1.80	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:06:35 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15188	15862	15875	15642	2.51	cps
Molybdenum	94-1	23019	22226	22602	22616	1.75	cps
Molybdenum	95-1	37208	37300	35253	36587	3.16	cps
Molybdenum	96-1	40392	41093	41946	41144	1.89	cps
Molybdenum	97-1	23003	23378	21717	22699	3.84	cps
Molybdenum	98-1	58329	58287	56288	57634	2.02	cps
Neodymium	150-1	167	227	120	171	31.25	cps
Neodymium	150-2	60	90	70	73	20.83	cps
Nickel	60-2	47410	49252	49249	48637	2.19	cps
Phosphorus	31-2	300	167	125	197	46.35	cps
Potassium	39-2	60917543	61430353	62614497	61654131	1.41	cps
Rhodium	103-1	13518256	13688788	13758226	13655090	0.90	cps
Rhodium	103-2	8557850	7039832	7025051	7540911	11.68	cps
Scandium	45-1	8451974	8693783	8844332	8663363	2.28	cps
Scandium	45-2	504848	415950	414312	445037	11.64	cps
Selenium	77-2	10	13	3	9	57.30	cps
Selenium	78-2	56	54	67	59	11.96	cps
Selenium	82-1	-73	197	-36	30	491.24	cps
Silicon	28-1	443863	462936	470639	459146	3.00	cps
Silver	109-1	725	800	742	756	5.21	cps
Silver	107-1	992	1167	1108	1089	8.18	cps
Sodium	23-2	288188956	290986123	295467890	291547657	1.26	cps
Strontium	86-1	22393	22961	24104	23153	3.76	cps
Strontium	88-1	147316	148041	152824	149393	2.00	cps
Sulfur	34-1	432775	455982	466295	451684	3.80	cps
Terbium	159-1	26469011	26560303	26571232	26533515	0.21	cps
Terbium	159-2	14474607	11935818	11741691	12717372	11.99	cps
Thallium	203-1	4951	4384	4759	4698	6.14	cps
Thallium	205-1	10713	10063	9737	10171	4.89	cps
Thorium	232-1	13396	13040	13079	13172	1.48	cps
Tin	118-1	6385	6010	6527	6307	4.23	cps
Titanium	47-1	1784	1742	11180	4902	110.92	cps
Uranium	238-1	5393	5101	4768	5087	6.15	cps
Vanadium	51-2	463	537	563	521	9.94	cps
Yttrium	89-1	18315093	18617433	18654113	18528880	1.00	cps
Yttrium	89-2	3117394	2560122	2553705	2743740	11.79	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:06:35	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13199	13617	13917	13578	2.65	cps
Zirconium	90-1	5618	5601	5935	5718	3.29	cps
Zirconium	91-1	1358	1275	1350	1328	3.46	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:22:52 DataFile Name : 010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62130	61142	61393	61555	0.83	cps
Antimony	121-1	3168607	3150630	3175440	3164893	0.40	cps
Arsenic	75-2	84462	84471	85425	84786	0.65	cps
Barium	135-1	377153	379349	381280	379260	0.54	cps
Barium	137-1	662794	666659	663236	664230	0.32	cps
Beryllium	9-1	232834	230961	231126	231640	0.45	cps
Bismuth	209-1	20017525	19890873	19734034	19880811	0.71	cps
Bismuth	209-2	10010484	9968782	10048438	10009235	0.40	cps
Boron	11-1	1091856	1092441	1081573	1088623	0.56	cps
Boron	10-1	225805	224204	223969	224659	0.44	cps
Cadmium	106-1	102940	102335	99582	101619	1.76	cps
Cadmium	108-1	58612	58073	57512	58066	0.95	cps
Cadmium	111-1	494038	492176	497431	494548	0.54	cps
Calcium	43-1	87047	85907	86637	86530	0.67	cps
Calcium	44-1	1363589	1337482	1334653	1345241	1.19	cps
Chromium	52-2	404155	397611	399695	400487	0.83	cps
Cobalt	59-2	703508	703706	707051	704755	0.28	cps
Copper	63-2	516976	515737	516608	516440	0.12	cps
Dysprosium	156-1	58	42	17	39	53.93	cps
Dysprosium	156-2	17	20	33	23	37.78	cps
Erbium	164-2	157	147	150	151	3.37	cps
Erbium	164-1	192	208	267	222	17.72	cps
Gadolinium	160-1	217	242	125	194	31.59	cps
Gadolinium	160-2	323	310	280	304	7.29	cps
Holmium	165-1	28375076	28617030	28298368	28430158	0.59	cps
Holmium	165-2	12838891	12807585	12864426	12836967	0.22	cps
Indium	115-1	19110847	19023763	18994493	19043034	0.32	cps
Indium	115-2	3142412	3152933	3171017	3155454	0.46	cps
Iron	56-2	3651891	3637871	3640410	3643390	0.21	cps
Iron	57-2	92116	91936	91053	91702	0.62	cps
Krypton	83-1	4804	4561	4481	4615	3.65	cps
Lead	206-1	3340483	3390412	3407436	3379444	1.03	cps
Lead	207-1	2903547	2926711	2962258	2930838	1.01	cps
Lead	208-1	13411056	13490253	13552793	13484701	0.53	cps
Lithium	6-1	4250601	4205328	4148244	4201391	1.22	cps
Magnesium	24-2	381455	385363	382429	383082	0.53	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:22:52 DataFile Name : 010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237807	235931	237144	236961	0.40	cps
Molybdenum	94-1	14034120	13950640	13872550	13952437	0.58	cps
Molybdenum	95-1	17272065	17138110	17087346	17165840	0.56	cps
Molybdenum	96-1	19272033	19168986	19068062	19169694	0.53	cps
Molybdenum	97-1	10908686	10805114	10709835	10807878	0.92	cps
Molybdenum	98-1	28123434	27728782	27657186	27836467	0.90	cps
Neodymium	150-1	53	53	40	49	15.75	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	189027	190733	191975	190579	0.78	cps
Phosphorus	31-2	208	133	108	150	34.69	cps
Potassium	39-2	506060	507526	508345	507310	0.23	cps
Rhodium	103-1	16969445	16815012	16638134	16807530	0.99	cps
Rhodium	103-2	8069795	8060057	8125054	8084969	0.43	cps
Scandium	45-1	9497867	9433347	9309794	9413669	1.02	cps
Scandium	45-2	411600	407414	407916	408977	0.56	cps
Selenium	77-2	2254	2414	2224	2297	4.45	cps
Selenium	78-2	8169	8049	8297	8172	1.52	cps
Selenium	82-1	60657	60292	60594	60514	0.32	cps
Silicon	28-1	3549932	3468514	3444930	3487792	1.58	cps
Silver	109-1	1789058	1772965	1797292	1786438	0.69	cps
Silver	107-1	1863389	1872796	1853764	1863316	0.51	cps
Sodium	23-2	1221884	1207357	1220179	1216473	0.65	cps
Strontium	86-1	2164048	2167526	2161287	2164287	0.14	cps
Strontium	88-1	19402901	19097445	19129261	19209869	0.87	cps
Sulfur	34-1	474277	457852	450593	460907	2.63	cps
Terbium	159-1	28585065	28906956	28782260	28758094	0.56	cps
Terbium	159-2	12359944	12288109	12387357	12345137	0.42	cps
Thallium	203-1	4120405	4140142	4139430	4133326	0.27	cps
Thallium	205-1	10081648	9991799	10018615	10030687	0.46	cps
Thorium	232-1	33423518	33438940	33402224	33421561	0.06	cps
Tin	118-1	6658636	6571274	6583717	6604542	0.72	cps
Titanium	47-1	4264584	4237572	4194375	4232177	0.84	cps
Uranium	238-1	33031525	32900891	33060114	32997510	0.26	cps
Vanadium	51-2	307949	304503	304907	305786	0.62	cps
Yttrium	89-1	20476816	20396456	20115642	20329638	0.93	cps
Yttrium	89-2	2565306	2569935	2560598	2565280	0.18	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:22:52	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	166460	164013	166710	165727	0.90	cps
Zirconium	90-1	11523561	11409748	11273082	11402130	1.10	cps
Zirconium	91-1	2536176	2529751	2504388	2523439	0.67	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:28:44	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	50	58	14.29	cps
Antimony	121-1	1550	1634	1759	1647	6.37	cps
Arsenic	75-2	9	20	22	17	40.56	cps
Barium	135-1	33	25	58	39	44.62	cps
Barium	137-1	67	83	17	56	62.45	cps
Beryllium	9-1	123	140	137	133	6.61	cps
Bismuth	209-1	20137197	20337803	20384420	20286473	0.65	cps
Bismuth	209-2	10283893	10171203	10130232	10195109	0.78	cps
Boron	11-1	14616	15166	14933	14905	1.85	cps
Boron	10-1	3192	3209	3442	3281	4.26	cps
Cadmium	106-1	8853	9278	9162	9098	2.42	cps
Cadmium	108-1	33	25	17	25	33.32	cps
Cadmium	111-1	6270	6544	6447	6420	2.17	cps
Calcium	43-1	192	92	142	142	35.30	cps
Calcium	44-1	13866	14658	14333	14286	2.79	cps
Chromium	52-2	780	743	757	760	2.44	cps
Cobalt	59-2	73	57	73	68	14.19	cps
Copper	63-2	1417	1173	1190	1260	10.79	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	37	23	20	27	33.08	cps
Erbium	164-2	90	67	90	82	16.38	cps
Erbium	164-1	108	83	158	117	32.73	cps
Gadolinium	160-1	192	192	175	186	5.17	cps
Gadolinium	160-2	390	367	333	363	7.84	cps
Holmium	165-1	28990335	29027529	29423275	29147046	0.82	cps
Holmium	165-2	13170839	12915638	13019735	13035404	0.98	cps
Indium	115-1	19514510	19668383	19615216	19599370	0.40	cps
Indium	115-2	3272976	3258642	3293292	3274970	0.53	cps
Iron	56-2	3112	3134	3073	3106	1.00	cps
Iron	57-2	122	67	122	104	30.93	cps
Krypton	83-1	4504	4657	4714	4625	2.35	cps
Lead	206-1	1984	2061	2189	2078	5.00	cps
Lead	207-1	1728	1945	1761	1811	6.44	cps
Lead	208-1	7101	7440	7345	7295	2.40	cps
Lithium	6-1	4276249	4307085	4313725	4299020	0.47	cps
Magnesium	24-2	542	550	525	539	2.36	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:28:44 DataFile Name : 011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	57	43	47	18.90	cps
Molybdenum	94-1	2275	1875	1959	2036	10.36	cps
Molybdenum	95-1	2759	2459	2134	2450	12.76	cps
Molybdenum	96-1	3017	2492	2334	2614	13.69	cps
Molybdenum	97-1	1700	1525	1483	1570	7.33	cps
Molybdenum	98-1	4176	3676	3784	3878	6.78	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	120	157	117	131	16.93	cps
Phosphorus	31-2	183	142	150	158	13.92	cps
Potassium	39-2	20599	20565	21483	20882	2.49	cps
Rhodium	103-1	17020669	17299596	17314116	17211460	0.96	cps
Rhodium	103-2	8470000	8360812	8463808	8431540	0.73	cps
Scandium	45-1	9609450	9637947	9730174	9659190	0.65	cps
Scandium	45-2	424764	427348	422815	424975	0.54	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	46	35	31	38	20.48	cps
Selenium	82-1	-85	-221	-5	-104	-105.58	cps
Silicon	28-1	109347	111724	110633	110568	1.08	cps
Silver	109-1	233	192	142	189	24.30	cps
Silver	107-1	217	300	283	267	16.54	cps
Sodium	23-2	31016	31200	29831	30682	2.42	cps
Strontium	86-1	6969	7210	6869	7016	2.50	cps
Strontium	88-1	292	292	267	283	5.09	cps
Sulfur	34-1	484693	489001	487524	487073	0.45	cps
Terbium	159-1	28781190	29221269	29193299	29065253	0.85	cps
Terbium	159-2	12706085	12570418	12601428	12625977	0.56	cps
Thallium	203-1	1600	1475	1458	1511	5.12	cps
Thallium	205-1	2342	2700	2725	2589	8.28	cps
Thorium	232-1	7308	7775	8559	7880	8.02	cps
Tin	118-1	3667	3534	3684	3628	2.27	cps
Titanium	47-1	233	208	142	194	24.37	cps
Uranium	238-1	3842	3759	4051	3884	3.87	cps
Vanadium	51-2	3	13	3	7	86.65	cps
Yttrium	89-1	20719166	20744668	20879084	20780973	0.41	cps
Yttrium	89-2	2667818	2653470	2648332	2656540	0.38	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:28:44	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	310	257	277	281	9.59	cps
Zirconium	90-1	1767	1850	1725	1781	3.57	cps
Zirconium	91-1	375	458	350	394	14.38	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:32:20 DataFile Name : 012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12391695	12400651	12335592	12375979	0.28	cps
Antimony	121-1	17712	18972	18363	18349	3.43	cps
Arsenic	75-2	146	150	128	141	8.42	cps
Barium	135-1	5560	5368	5518	5482	1.84	cps
Barium	137-1	9395	9529	9662	9529	1.40	cps
Beryllium	9-1	723	783	833	780	7.06	cps
Bismuth	209-1	18456101	18496144	18321382	18424543	0.50	cps
Bismuth	209-2	9110340	9307360	9230281	9215994	1.08	cps
Boron	11-1	14607	14624	14841	14691	0.89	cps
Boron	10-1	2967	3042	3167	3059	3.30	cps
Cadmium	106-1	8786	8711	8895	8798	1.05	cps
Cadmium	108-1	6497	6581	6739	6606	1.86	cps
Cadmium	111-1	9859	9702	9853	9805	0.91	cps
Calcium	43-1	3784805	3863734	3880736	3843091	1.33	cps
Calcium	44-1	62571160	63919733	64099291	63530061	1.31	cps
Chromium	52-2	86056	85318	85399	85591	0.47	cps
Cobalt	59-2	8926	8669	8453	8683	2.73	cps
Copper	63-2	40436	41833	41188	41152	1.70	cps
Dysprosium	156-1	117	58	150	108	42.83	cps
Dysprosium	156-2	43	73	73	63	27.35	cps
Erbium	164-2	90	117	130	112	18.15	cps
Erbium	164-1	192	217	225	211	8.22	cps
Gadolinium	160-1	242	208	233	228	7.62	cps
Gadolinium	160-2	297	343	307	316	7.79	cps
Holmium	165-1	28658577	28878982	28885862	28807807	0.45	cps
Holmium	165-2	12785426	13012466	12944406	12914100	0.90	cps
Indium	115-1	18570323	18742507	18590317	18634382	0.51	cps
Indium	115-2	3097642	3155081	3175392	3142705	1.28	cps
Iron	56-2	378286786	379198131	377524031	378336316	0.22	cps
Iron	57-2	9325383	9336866	9304080	9322110	0.18	cps
Krypton	83-1	4607	4327	4464	4466	3.14	cps
Lead	206-1	80660	83885	82488	82344	1.96	cps
Lead	207-1	63910	66729	66047	65562	2.24	cps
Lead	208-1	303491	311301	308548	307780	1.29	cps
Lithium	6-1	4114151	4132739	4143612	4130168	0.36	cps
Magnesium	24-2	32958456	32886718	32989130	32944768	0.16	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:32:20 DataFile Name : 012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19510	20067	19770	19782	1.41	cps
Molybdenum	94-1	8002941	8094761	8152726	8083476	0.93	cps
Molybdenum	95-1	14188286	14403014	14476585	14355962	1.04	cps
Molybdenum	96-1	15162196	15363297	15407598	15311030	0.85	cps
Molybdenum	97-1	8870725	9015499	9035461	8973895	1.00	cps
Molybdenum	98-1	23100761	23348484	23312880	23254042	0.58	cps
Neodymium	150-1	73	67	140	93	43.45	cps
Neodymium	150-2	33	33	17	28	34.63	cps
Nickel	60-2	10260	10807	10547	10538	2.60	cps
Phosphorus	31-2	626271	628095	624430	626266	0.29	cps
Potassium	39-2	26380542	26270230	26368138	26339636	0.23	cps
Rhodium	103-1	15768985	15923297	15961201	15884494	0.64	cps
Rhodium	103-2	7714942	7805659	7836942	7785848	0.81	cps
Scandium	45-1	9441744	9620329	9661199	9574424	1.22	cps
Scandium	45-2	425939	430963	431729	429544	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	52	50	44	25.35	cps
Selenium	82-1	-209	125	-97	-60	-282.28	cps
Silicon	28-1	264918	270064	269929	268303	1.09	cps
Silver	109-1	550	592	525	556	6.06	cps
Silver	107-1	675	667	742	694	5.92	cps
Sodium	23-2	62658418	62858864	63043518	62853600	0.31	cps
Strontium	86-1	160343	164491	164153	162996	1.41	cps
Strontium	88-1	1362838	1371290	1380048	1371392	0.63	cps
Sulfur	34-1	5483916	5556640	5561161	5533906	0.78	cps
Terbium	159-1	28744216	28940389	29038299	28907635	0.52	cps
Terbium	159-2	12342822	12400416	12490189	12411143	0.60	cps
Thallium	203-1	3334	3842	4326	3834	12.94	cps
Thallium	205-1	7919	9262	9204	8795	8.63	cps
Thorium	232-1	6941	7369	7541	7284	4.24	cps
Tin	118-1	4901	5160	5226	5096	3.37	cps
Titanium	47-1	3526134	3591024	3614736	3577298	1.28	cps
Uranium	238-1	4918	4876	4609	4801	3.49	cps
Vanadium	51-2	603	610	523	579	8.33	cps
Yttrium	89-1	20310311	20465474	20421973	20399253	0.39	cps
Yttrium	89-2	2602041	2649665	2663953	2638553	1.23	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:32:20	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9950	10057	9747	9918	1.59	cps
Zirconium	90-1	2550	2684	2192	2475	10.27	cps
Zirconium	91-1	442	567	542	517	12.80	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:35:58 DataFile Name : 013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12664275	12710831	12756879	12710661	0.36	cps
Antimony	121-1	346860	348448	350138	348482	0.47	cps
Arsenic	75-2	8916	8982	8968	8955	0.39	cps
Barium	135-1	82939	84809	84892	84213	1.31	cps
Barium	137-1	148065	153194	150643	150634	1.70	cps
Beryllium	9-1	48323	49123	49715	49054	1.42	cps
Bismuth	209-1	18866606	17246783	18656220	18256536	4.82	cps
Bismuth	209-2	9282888	9338281	9366587	9329252	0.46	cps
Boron	11-1	108344	109604	110343	109431	0.92	cps
Boron	10-1	22351	22559	22434	22448	0.47	cps
Cadmium	106-1	21509	21000	23111	21873	5.04	cps
Cadmium	108-1	14637	14299	14524	14487	1.19	cps
Cadmium	111-1	102017	101985	104329	102777	1.31	cps
Calcium	43-1	4001640	4062848	4054748	4039746	0.82	cps
Calcium	44-1	66278845	67264274	67436160	66993093	0.93	cps
Chromium	52-2	173868	173100	176101	174356	0.89	cps
Cobalt	59-2	157073	157188	159381	157881	0.82	cps
Copper	63-2	150057	149155	149666	149626	0.30	cps
Dysprosium	156-1	133	142	92	122	21.92	cps
Dysprosium	156-2	67	57	37	53	28.64	cps
Erbium	164-2	87	97	117	100	15.27	cps
Erbium	164-1	167	158	158	161	2.98	cps
Gadolinium	160-1	242	225	300	256	15.41	cps
Gadolinium	160-2	350	433	347	377	13.04	cps
Holmium	165-1	29738814	27512297	29607266	28952793	4.31	cps
Holmium	165-2	13147189	13145784	13213497	13168823	0.29	cps
Indium	115-1	19134971	17637828	19030839	18601213	4.49	cps
Indium	115-2	3199734	3206475	3233607	3213272	0.56	cps
Iron	56-2	384929864	385096420	387893709	385973331	0.43	cps
Iron	57-2	9534438	9577377	9586671	9566162	0.29	cps
Krypton	83-1	4211	4367	4804	4461	6.90	cps
Lead	206-1	414956	424817	424034	421269	1.30	cps
Lead	207-1	343787	349710	351904	348467	1.20	cps
Lead	208-1	1601143	1631427	1640441	1624337	1.27	cps
Lithium	6-1	4232549	3930653	4224635	4129279	4.17	cps
Magnesium	24-2	33670976	33741153	34058957	33823695	0.61	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:35:58	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70304	71047	71251	70867	0.70	cps
Molybdenum	94-1	8937952	9112350	9040615	9030306	0.97	cps
Molybdenum	95-1	15126897	15361826	15213506	15234077	0.78	cps
Molybdenum	96-1	16192154	16502767	16521994	16405638	1.13	cps
Molybdenum	97-1	9483804	9575360	9637789	9565651	0.81	cps
Molybdenum	98-1	24502810	24609345	24711791	24607982	0.42	cps
Neodymium	150-1	80	33	113	76	53.19	cps
Neodymium	150-2	40	33	47	40	16.68	cps
Nickel	60-2	49583	49968	49069	49540	0.91	cps
Phosphorus	31-2	638931	640552	641801	640428	0.22	cps
Potassium	39-2	26946188	26925689	26954269	26942049	0.05	cps
Rhodium	103-1	16466111	15032332	16272060	15923501	4.88	cps
Rhodium	103-2	7953658	7951328	8022169	7975719	0.50	cps
Scandium	45-1	9991840	9236062	9946381	9724761	4.36	cps
Scandium	45-2	436782	441344	442383	440170	0.68	cps
Selenium	77-2	277	250	243	257	6.87	cps
Selenium	78-2	856	896	917	890	3.50	cps
Selenium	82-1	6325	5960	5848	6044	4.13	cps
Silicon	28-1	628909	644148	650317	641125	1.72	cps
Silver	109-1	378737	379802	378767	379102	0.16	cps
Silver	107-1	389750	399320	402517	397196	1.67	cps
Sodium	23-2	64370076	64937012	65065235	64790774	0.57	cps
Strontium	86-1	417300	424094	422707	421367	0.85	cps
Strontium	88-1	3582322	3654078	3654730	3630377	1.15	cps
Sulfur	34-1	5727083	5791610	5809401	5776031	0.75	cps
Terbium	159-1	29645408	27152641	29663716	28820588	5.01	cps
Terbium	159-2	12569084	12674296	12696710	12646697	0.54	cps
Thallium	203-1	416245	422813	423864	420974	0.98	cps
Thallium	205-1	987376	1011630	1007372	1002126	1.29	cps
Thorium	232-1	7363	6680	7091	7045	4.89	cps
Tin	118-1	622418	644276	642734	636476	1.92	cps
Titanium	47-1	3771920	3835137	3845952	3817670	1.05	cps
Uranium	238-1	3159683	3216449	3167495	3181209	0.97	cps
Vanadium	51-2	66352	66988	67838	67059	1.11	cps
Yttrium	89-1	21235520	19556109	21074553	20622061	4.49	cps
Yttrium	89-2	2705306	2689454	2721009	2705256	0.58	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:35:58	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	26548	26648	26254	26483	0.77	cps
Zirconium	90-1	1116632	1140063	1143215	1133304	1.28	cps
Zirconium	91-1	249875	255819	254609	253434	1.24	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:40:25	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7279311	7224625	7225217	7243051	0.43	cps
Antimony	121-1	8009163	7925436	7957081	7963893	0.53	cps
Arsenic	75-2	216164	216795	216146	216368	0.17	cps
Barium	135-1	9681176	9591532	9622033	9631580	0.47	cps
Barium	137-1	16874304	16713863	16808852	16799006	0.48	cps
Beryllium	9-1	1166041	1153241	1159448	1159577	0.55	cps
Bismuth	209-1	17806324	17778538	17828511	17804458	0.14	cps
Bismuth	209-2	8800510	8882961	8772402	8818625	0.65	cps
Boron	11-1	945858	948544	966909	953771	1.20	cps
Boron	10-1	195724	198295	200766	198262	1.27	cps
Cadmium	106-1	280389	279407	279378	279725	0.21	cps
Cadmium	108-1	186555	188624	187063	187414	0.58	cps
Cadmium	111-1	2451034	2440927	2443302	2445088	0.22	cps
Calcium	43-1	9732113	9598589	9715850	9682184	0.75	cps
Calcium	44-1	160428191	157835283	159185987	159149820	0.81	cps
Chromium	52-2	2150949	2153404	2151119	2151824	0.06	cps
Cobalt	59-2	3534314	3526432	3517532	3526093	0.24	cps
Copper	63-2	5677243	5659094	5680412	5672249	0.20	cps
Dysprosium	156-1	183	200	267	217	20.35	cps
Dysprosium	156-2	160	193	163	172	10.66	cps
Erbium	164-2	83	67	97	82	18.28	cps
Erbium	164-1	125	167	192	161	20.90	cps
Gadolinium	160-1	183	250	200	211	16.43	cps
Gadolinium	160-2	337	307	393	346	12.74	cps
Holmium	165-1	28992443	28414941	28538148	28648511	1.06	cps
Holmium	165-2	12631319	12739216	12629781	12666772	0.50	cps
Indium	115-1	18427505	18241665	18271960	18313710	0.54	cps
Indium	115-2	3033963	3043233	3059831	3045676	0.43	cps
Iron	56-2	463433310	459971455	463828544	462411103	0.46	cps
Iron	57-2	11452594	11385545	11408070	11415403	0.30	cps
Krypton	83-1	4384	4334	4544	4421	2.48	cps
Lead	206-1	8108025	8040647	8094118	8080930	0.44	cps
Lead	207-1	7035864	7036421	7010371	7027552	0.21	cps
Lead	208-1	32190480	32174291	32124768	32163180	0.11	cps
Lithium	6-1	4112768	4063494	4086803	4087689	0.60	cps
Magnesium	24-2	80418887	79871139	80198018	80162682	0.34	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:40:25	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2479499	2473514	2466907	2473307	0.25	cps
Molybdenum	94-1	16010106	15664673	15780737	15818505	1.11	cps
Molybdenum	95-1	20125325	19762887	19817667	19901960	0.98	cps
Molybdenum	96-1	22215460	21979353	22168130	22120981	0.56	cps
Molybdenum	97-1	12593755	12401212	12506641	12500536	0.77	cps
Molybdenum	98-1	32442613	31920018	32068214	32143615	0.84	cps
Neodymium	150-1	767	880	713	787	10.82	cps
Neodymium	150-2	97	117	73	96	22.70	cps
Nickel	60-2	925079	926750	926954	926261	0.11	cps
Phosphorus	31-2	63219	62055	63912	63062	1.49	cps
Potassium	39-2	33147514	32895147	32946826	32996496	0.40	cps
Rhodium	103-1	15726955	15409575	15301737	15479422	1.43	cps
Rhodium	103-2	7443016	7411223	7494666	7449635	0.57	cps
Scandium	45-1	9791721	9709507	9691635	9730954	0.55	cps
Scandium	45-2	425222	423689	426573	425162	0.34	cps
Selenium	77-2	5748	5995	5805	5849	2.21	cps
Selenium	78-2	19435	19495	19780	19570	0.94	cps
Selenium	82-1	147211	145098	146289	146199	0.72	cps
Silicon	28-1	4741965	4791364	4902715	4812015	1.71	cps
Silver	109-1	10406389	10312512	10261203	10326701	0.71	cps
Silver	107-1	10832429	10691076	10713699	10745735	0.71	cps
Sodium	23-2	153479370	152541974	152812578	152944641	0.32	cps
Strontium	86-1	2313811	2295970	2309820	2306533	0.41	cps
Strontium	88-1	20641542	20213734	20585341	20480206	1.14	cps
Sulfur	34-1	1190148	1174728	1181239	1182038	0.65	cps
Terbium	159-1	29066144	28360140	28633384	28686556	1.24	cps
Terbium	159-2	12137241	12256819	12182726	12192262	0.50	cps
Thallium	203-1	9886891	9811958	9877760	9858870	0.41	cps
Thallium	205-1	23731164	23663241	23678227	23690877	0.15	cps
Thorium	232-1	35925847	36279109	35960106	36055021	0.54	cps
Tin	118-1	6936374	6925966	6936897	6933079	0.09	cps
Titanium	47-1	4539169	4513562	4508722	4520484	0.36	cps
Uranium	238-1	35429928	34861603	34953064	35081532	0.87	cps
Vanadium	51-2	1642135	1648548	1649741	1646808	0.25	cps
Yttrium	89-1	20690871	20241010	20587153	20506345	1.15	cps
Yttrium	89-2	2591125	2593419	2592987	2592510	0.05	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:40:25	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	841390	839008	840110	840170	0.14	cps
Zirconium	90-1	12474990	12168664	12331516	12325057	1.24	cps
Zirconium	91-1	2729781	2682007	2720308	2710698	0.93	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : CCB26 Instrumnet Name : P7
 Client Sample ID : CCB26 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:44:12 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	167	100	119	34.42	cps
Antimony	121-1	5168	5760	6352	5760	10.28	cps
Arsenic	75-2	28	19	20	22	22.05	cps
Barium	135-1	192	133	167	164	17.86	cps
Barium	137-1	208	175	275	219	23.20	cps
Beryllium	9-1	247	193	217	219	12.21	cps
Bismuth	209-1	20660518	20749778	20554386	20654894	0.47	cps
Bismuth	209-2	10551015	10497775	10543620	10530803	0.27	cps
Boron	11-1	45227	43062	40572	42954	5.42	cps
Boron	10-1	9695	9328	8586	9203	6.14	cps
Cadmium	106-1	9587	9570	9637	9598	0.36	cps
Cadmium	108-1	29	17	42	29	42.85	cps
Cadmium	111-1	6907	6933	6958	6933	0.37	cps
Calcium	43-1	225	200	217	214	5.95	cps
Calcium	44-1	18312	18204	17403	17973	2.76	cps
Chromium	52-2	770	903	750	808	10.32	cps
Cobalt	59-2	130	80	97	102	24.90	cps
Copper	63-2	1997	1813	1830	1880	5.39	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	33	27	20	27	24.99	cps
Erbium	164-2	87	53	70	70	23.81	cps
Erbium	164-1	133	108	108	117	12.37	cps
Gadolinium	160-1	142	175	158	158	10.53	cps
Gadolinium	160-2	283	303	280	289	4.37	cps
Holmium	165-1	29914115	30141025	29789301	29948147	0.60	cps
Holmium	165-2	13639781	13507548	13495102	13547477	0.59	cps
Indium	115-1	20498874	20765187	20726346	20663469	0.70	cps
Indium	115-2	3491520	3477181	3493513	3487405	0.26	cps
Iron	56-2	10487	10309	10265	10354	1.14	cps
Iron	57-2	272	278	289	280	3.04	cps
Krypton	83-1	4344	5084	4708	4712	7.86	cps
Lead	206-1	3928	3628	3773	3777	3.97	cps
Lead	207-1	3367	3495	3762	3541	5.68	cps
Lead	208-1	14870	14314	14453	14546	1.99	cps
Lithium	6-1	4524387	4558143	4542239	4541590	0.37	cps
Magnesium	24-2	1275	1292	1083	1217	9.52	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:44:12	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	87	93	91	4.23	cps
Molybdenum	94-1	4851	4643	3642	4379	14.76	cps
Molybdenum	95-1	7094	6527	6252	6624	6.48	cps
Molybdenum	96-1	7394	6935	6777	7035	4.55	cps
Molybdenum	97-1	4484	3884	3451	3940	13.18	cps
Molybdenum	98-1	11956	10262	9462	10560	12.06	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	150	210	177	179	16.81	cps
Phosphorus	31-2	258	167	117	181	39.79	cps
Potassium	39-2	31284	31668	31033	31328	1.02	cps
Rhodium	103-1	18224277	18439835	18374261	18346124	0.60	cps
Rhodium	103-2	8984087	8939529	8941777	8955131	0.28	cps
Scandium	45-1	10498025	10490213	10522712	10503650	0.16	cps
Scandium	45-2	461089	459501	460453	460347	0.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	54	57	52	12.87	cps
Selenium	82-1	322	-239	20	35	813.29	cps
Silicon	28-1	134299	132424	128918	131880	2.07	cps
Silver	109-1	658	675	658	664	1.45	cps
Silver	107-1	675	950	850	825	16.87	cps
Sodium	23-2	58858	57127	54734	56907	3.64	cps
Strontium	86-1	7619	7944	7502	7688	2.98	cps
Strontium	88-1	350	400	275	342	18.41	cps
Sulfur	34-1	522558	526523	523061	524048	0.41	cps
Terbium	159-1	30225565	30294817	30077936	30199439	0.37	cps
Terbium	159-2	13164099	13137517	13127345	13142987	0.14	cps
Thallium	203-1	4526	4693	4493	4570	2.35	cps
Thallium	205-1	11614	10638	9546	10599	9.76	cps
Thorium	232-1	9059	8586	8648	8764	2.93	cps
Tin	118-1	4884	4793	4843	4840	0.95	cps
Titanium	47-1	308	292	233	278	14.18	cps
Uranium	238-1	4409	4059	3867	4112	6.68	cps
Vanadium	51-2	23	17	17	19	20.36	cps
Yttrium	89-1	22099308	22223696	22211766	22178257	0.31	cps
Yttrium	89-2	2838467	2837528	2843662	2839886	0.12	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:44:12	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	370	410	380	387	5.38	cps
Zirconium	90-1	2384	2359	2525	2423	3.71	cps
Zirconium	91-1	525	500	408	478	12.86	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:48:18	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2884	2825	3125	2945	5.40	cps
Antimony	121-1	35204	34752	35429	35128	0.98	cps
Arsenic	75-2	502	494	496	498	0.78	cps
Barium	135-1	41555	42274	41839	41889	0.86	cps
Barium	137-1	74960	73930	73855	74248	0.83	cps
Beryllium	9-1	2920	2900	2744	2855	3.39	cps
Bismuth	209-1	20762346	20610447	20794773	20722522	0.47	cps
Bismuth	209-2	10408219	10516670	10431923	10452271	0.55	cps
Boron	11-1	77189	75723	74970	75961	1.49	cps
Boron	10-1	16359	15842	15500	15901	2.72	cps
Cadmium	106-1	10379	10237	10121	10246	1.26	cps
Cadmium	108-1	438	408	429	425	3.53	cps
Cadmium	111-1	12248	11936	11727	11970	2.19	cps
Calcium	43-1	21967	22752	21992	22237	2.01	cps
Calcium	44-1	370239	369414	364477	368043	0.85	cps
Chromium	52-2	9703	10541	10184	10143	4.14	cps
Cobalt	59-2	7862	8359	7732	7985	4.14	cps
Copper	63-2	13483	13460	13697	13546	0.96	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	23	20	20	21	9.11	cps
Erbium	164-2	103	67	57	76	32.52	cps
Erbium	164-1	125	117	183	142	25.64	cps
Gadolinium	160-1	133	200	175	169	19.88	cps
Gadolinium	160-2	310	303	307	307	1.09	cps
Holmium	165-1	29999619	29735660	30006482	29913920	0.52	cps
Holmium	165-2	13522002	13579176	13531721	13544300	0.23	cps
Indium	115-1	20720189	20920528	20626690	20755802	0.72	cps
Indium	115-2	3460043	3478959	3484034	3474346	0.36	cps
Iron	56-2	226600	225020	225386	225669	0.37	cps
Iron	57-2	5707	5807	5629	5714	1.56	cps
Krypton	83-1	4751	4991	4784	4842	2.69	cps
Lead	206-1	20522	20010	20778	20437	1.91	cps
Lead	207-1	17924	17807	18486	18072	2.01	cps
Lead	208-1	82324	80720	81938	81661	1.03	cps
Lithium	6-1	4615114	4590860	4610140	4605371	0.28	cps
Magnesium	24-2	187281	188519	187787	187862	0.33	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:48:18	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3057	3050	2870	2993	3.54	cps
Molybdenum	94-1	33900	34601	34568	34356	1.15	cps
Molybdenum	95-1	42523	41754	43751	42676	2.36	cps
Molybdenum	96-1	47296	48383	48785	48155	1.60	cps
Molybdenum	97-1	27987	26902	26542	27144	2.77	cps
Molybdenum	98-1	69787	70642	69227	69885	1.02	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	10	0	20	10	100.00	cps
Nickel	60-2	2510	2210	2437	2386	6.56	cps
Phosphorus	31-2	525	475	567	522	8.79	cps
Potassium	39-2	168084	172063	168977	169708	1.23	cps
Rhodium	103-1	18494782	18294949	18432698	18407476	0.56	cps
Rhodium	103-2	8853415	8938107	8909409	8900310	0.48	cps
Scandium	45-1	10590791	10507531	10549307	10549210	0.39	cps
Scandium	45-2	453942	460719	456327	456996	0.75	cps
Selenium	77-2	70	93	60	74	22.98	cps
Selenium	78-2	287	298	291	292	1.94	cps
Selenium	82-1	1733	1582	1847	1721	7.72	cps
Silicon	28-1	194152	190699	191378	192076	0.95	cps
Silver	109-1	19840	20082	19948	19956	0.61	cps
Silver	107-1	21175	20975	21434	21195	1.09	cps
Sodium	23-2	385106	387784	383985	385625	0.51	cps
Strontium	86-1	13207	13148	13207	13187	0.26	cps
Strontium	88-1	44880	42873	42665	43473	2.81	cps
Sulfur	34-1	543539	547443	547905	546295	0.44	cps
Terbium	159-1	30249515	30286001	30216250	30250589	0.12	cps
Terbium	159-2	13079492	13139216	13088154	13102287	0.25	cps
Thallium	203-1	24449	23380	23430	23753	2.54	cps
Thallium	205-1	56295	56521	55534	56117	0.92	cps
Thorium	232-1	74014	72835	74311	73720	1.06	cps
Tin	118-1	78872	79643	81427	79981	1.64	cps
Titanium	47-1	9653	10362	10371	10129	4.06	cps
Uranium	238-1	74875	72210	72628	73238	1.96	cps
Vanadium	51-2	19209	18552	18976	18912	1.76	cps
Yttrium	89-1	22354586	22175680	22175356	22235207	0.46	cps
Yttrium	89-2	2811155	2814232	2831385	2818924	0.39	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:48:18	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2237	2187	2300	2241	2.53	cps
Zirconium	90-1	26634	26242	25791	26222	1.61	cps
Zirconium	91-1	6352	5993	5943	6096	3.66	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : PB123067BL Instrumnet Name : P7
 Client Sample ID : PB123067BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 12:51:54 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	42	58	28.57	cps
Antimony	121-1	733	1092	983	936	19.63	cps
Arsenic	75-2	13	19	17	16	17.64	cps
Barium	135-1	83	42	83	69	34.64	cps
Barium	137-1	58	50	67	58	14.29	cps
Beryllium	9-1	137	177	160	158	12.73	cps
Bismuth	209-1	20474523	20545388	20699648	20573186	0.56	cps
Bismuth	209-2	10445492	10457089	10481291	10461291	0.17	cps
Boron	11-1	21892	20965	20782	21213	2.81	cps
Boron	10-1	4626	4593	4484	4568	1.62	cps
Cadmium	106-1	9345	10071	9620	9679	3.78	cps
Cadmium	108-1	38	21	29	29	28.58	cps
Cadmium	111-1	6624	7122	6806	6851	3.68	cps
Calcium	43-1	208	192	192	197	4.88	cps
Calcium	44-1	16035	15751	16368	16051	1.93	cps
Chromium	52-2	840	873	957	890	6.75	cps
Cobalt	59-2	73	90	103	89	16.92	cps
Copper	63-2	1667	1820	1873	1787	6.01	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	13	33	33	27	43.31	cps
Erbium	164-2	63	73	103	80	26.03	cps
Erbium	164-1	42	142	92	92	54.54	cps
Gadolinium	160-1	158	133	167	153	11.35	cps
Gadolinium	160-2	323	323	297	314	4.89	cps
Holmium	165-1	29880320	29707011	29968156	29851829	0.45	cps
Holmium	165-2	13540407	13613983	13442383	13532258	0.64	cps
Indium	115-1	20678212	20710386	20631999	20673533	0.19	cps
Indium	115-2	3445213	3456619	3455759	3452530	0.18	cps
Iron	56-2	3845	4134	4440	4140	7.18	cps
Iron	57-2	150	172	194	172	12.90	cps
Krypton	83-1	4754	4701	5071	4842	4.13	cps
Lead	206-1	3206	2950	2850	3002	6.11	cps
Lead	207-1	2561	2595	2728	2628	3.36	cps
Lead	208-1	11413	11019	10913	11115	2.37	cps
Lithium	6-1	4578862	4555160	4587131	4573718	0.36	cps
Magnesium	24-2	533	567	550	550	3.03	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BL	Instrumnet Name :	P7
Client Sample ID :	PB123067BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:51:54	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	147	97	118	21.98	cps
Molybdenum	94-1	1250	1233	1317	1267	3.48	cps
Molybdenum	95-1	1025	1058	1025	1036	1.86	cps
Molybdenum	96-1	1142	975	1408	1175	18.60	cps
Molybdenum	97-1	583	417	625	542	20.35	cps
Molybdenum	98-1	1759	1467	1667	1631	9.15	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	153	147	140	147	4.55	cps
Phosphorus	31-2	233	175	117	175	33.34	cps
Potassium	39-2	25640	26566	25556	25921	2.16	cps
Rhodium	103-1	18352099	18232843	18351954	18312299	0.38	cps
Rhodium	103-2	8912105	8896617	8846806	8885176	0.38	cps
Scandium	45-1	10558291	10474780	10520123	10517732	0.40	cps
Scandium	45-2	454447	454960	460797	456735	0.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	48	56	52	7.35	cps
Selenium	82-1	-14	-114	-252	-126	-94.45	cps
Silicon	28-1	114990	113126	117693	115270	1.99	cps
Silver	109-1	383	317	325	342	10.63	cps
Silver	107-1	433	483	517	478	8.78	cps
Sodium	23-2	40522	41099	41425	41015	1.11	cps
Strontium	86-1	7544	7494	7602	7547	0.72	cps
Strontium	88-1	275	383	208	289	30.58	cps
Sulfur	34-1	549078	543847	550071	547665	0.61	cps
Terbium	159-1	30253620	29901115	29957253	30037329	0.63	cps
Terbium	159-2	13059978	13168592	13002610	13077060	0.64	cps
Thallium	203-1	1917	2059	2250	2075	8.06	cps
Thallium	205-1	4334	4476	4601	4470	2.99	cps
Thorium	232-1	4073	4629	4429	4377	6.43	cps
Tin	118-1	24366	3017	2967	10117	121.98	cps
Titanium	47-1	192	183	142	172	15.56	cps
Uranium	238-1	3242	3792	3659	3565	8.05	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	22045408	22185498	22191525	22140810	0.37	cps
Yttrium	89-2	2816814	2815769	2801734	2811439	0.30	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BL	Instrumnet Name :	P7
Client Sample ID :	PB123067BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:51:54	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	387	367	410	388	5.59	cps
Zirconium	90-1	1709	2142	2092	1981	11.97	cps
Zirconium	91-1	392	383	350	375	5.88	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BS	Instrumnet Name :	P7
Client Sample ID :	PB123067BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:55:30	DataFile Name :	018LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1380370	1359386	1351666	1363807	1.09	cps
Antimony	121-1	8523208	8489753	8542906	8518622	0.32	cps
Arsenic	75-2	226126	225656	222531	224771	0.87	cps
Barium	135-1	10050360	10080457	10114123	10081646	0.32	cps
Barium	137-1	17488344	17400112	17537843	17475433	0.40	cps
Beryllium	9-1	1236841	1238841	1227876	1234520	0.47	cps
Bismuth	209-1	19410774	19368703	19468453	19415977	0.26	cps
Bismuth	209-2	9475559	9610993	9621084	9569212	0.85	cps
Boron	11-1	961212	983650	993791	979551	1.70	cps
Boron	10-1	200791	202581	207584	203652	1.73	cps
Cadmium	106-1	274351	278820	277408	276860	0.83	cps
Cadmium	108-1	186390	187042	186063	186498	0.27	cps
Cadmium	111-1	2407063	2416483	2421614	2415053	0.31	cps
Calcium	43-1	2054226	2045315	2057859	2052467	0.31	cps
Calcium	44-1	34294693	34078124	34119723	34164180	0.34	cps
Chromium	52-2	2196766	2192525	2181603	2190298	0.36	cps
Cobalt	59-2	3754658	3722312	3691804	3722925	0.84	cps
Copper	63-2	5420630	5369637	5340478	5376915	0.75	cps
Dysprosium	156-1	183	208	225	206	10.20	cps
Dysprosium	156-2	210	220	180	203	10.24	cps
Erbium	164-2	83	67	103	84	21.74	cps
Erbium	164-1	192	167	117	158	24.12	cps
Gadolinium	160-1	300	183	225	236	25.04	cps
Gadolinium	160-2	297	313	363	324	10.69	cps
Holmium	165-1	29291977	28874491	29002008	29056159	0.74	cps
Holmium	165-2	12842215	12927946	13036655	12935605	0.75	cps
Indium	115-1	19146349	19006197	19136831	19096459	0.41	cps
Indium	115-2	3127848	3147072	3185475	3153465	0.93	cps
Iron	56-2	99351541	98305761	97486780	98381361	0.95	cps
Iron	57-2	2418178	2400044	2378453	2398892	0.83	cps
Krypton	83-1	4591	4481	4617	4563	1.59	cps
Lead	206-1	8609151	8633126	8566531	8602936	0.39	cps
Lead	207-1	7558986	7513885	7500697	7524523	0.41	cps
Lead	208-1	34546641	34402617	34336959	34428739	0.31	cps
Lithium	6-1	4272390	4238815	4268856	4260020	0.43	cps
Magnesium	24-2	17342540	17113618	17049608	17168589	0.90	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BS	Instrumnet Name :	P7
Client Sample ID :	PB123067BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:55:30	DataFile Name :	018LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2591500	2582084	2560875	2578153	0.61	cps
Molybdenum	94-1	16243389	16172655	16299216	16238420	0.39	cps
Molybdenum	95-1	20334695	20404295	20459377	20399456	0.31	cps
Molybdenum	96-1	22561165	22719961	22834265	22705131	0.60	cps
Molybdenum	97-1	12828326	12844560	12951563	12874816	0.52	cps
Molybdenum	98-1	33121767	33151643	33259056	33177489	0.22	cps
Neodymium	150-1	860	813	893	856	4.70	cps
Neodymium	150-2	100	87	80	89	11.46	cps
Nickel	60-2	981098	980727	975999	979275	0.29	cps
Phosphorus	31-2	66257	63837	65562	65219	1.91	cps
Potassium	39-2	6784418	6751419	6661957	6732598	0.94	cps
Rhodium	103-1	16498673	16414142	16504336	16472384	0.31	cps
Rhodium	103-2	7856592	7945446	8003479	7935172	0.93	cps
Scandium	45-1	9848194	9726161	9745482	9773279	0.67	cps
Scandium	45-2	417018	424349	425719	422362	1.11	cps
Selenium	77-2	6361	6372	6281	6338	0.78	cps
Selenium	78-2	21436	21427	21115	21326	0.86	cps
Selenium	82-1	159000	159218	159315	159178	0.10	cps
Silicon	28-1	4680169	4623524	4683552	4662415	0.72	cps
Silver	109-1	10328295	10307733	10362129	10332719	0.27	cps
Silver	107-1	10777198	10756469	10700024	10744564	0.37	cps
Sodium	23-2	32934811	32395690	32355189	32561897	0.99	cps
Strontium	86-1	2380754	2400775	2390058	2390529	0.42	cps
Strontium	88-1	21155396	21142544	21181503	21159815	0.09	cps
Sulfur	34-1	1216110	1206126	1219321	1213852	0.57	cps
Terbium	159-1	29531820	29059100	29409863	29333595	0.84	cps
Terbium	159-2	12452265	12352218	12513247	12439243	0.65	cps
Thallium	203-1	10460294	10431436	10433573	10441768	0.15	cps
Thallium	205-1	24934944	25111352	25092901	25046399	0.39	cps
Thorium	232-1	37626463	37663990	37895559	37728671	0.39	cps
Tin	118-1	7279852	7291686	7321888	7297809	0.30	cps
Titanium	47-1	4595624	4573945	4583468	4584345	0.24	cps
Uranium	238-1	36678888	36630206	36719565	36676220	0.12	cps
Vanadium	51-2	1686565	1676321	1662056	1674981	0.73	cps
Yttrium	89-1	20999641	20689662	20943373	20877559	0.79	cps
Yttrium	89-2	2604019	2618368	2637457	2619948	0.64	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	PB123067BS	Instrumnet Name :	P7
Client Sample ID :	PB123067BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:55:30	DataFile Name :	018LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	855879	858542	842548	852323	1.01	cps
Zirconium	90-1	12627547	12543713	12580275	12583845	0.33	cps
Zirconium	91-1	2772386	2778167	2788849	2779801	0.30	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01	Instrumnet Name :	P7
Client Sample ID :	390828189	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:59:07	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	200	217	250	29.06	cps
Antimony	121-1	5618	6310	6619	6182	8.29	cps
Arsenic	75-2	39	30	33	34	13.73	cps
Barium	135-1	458	517	500	492	6.11	cps
Barium	137-1	783	642	667	697	10.85	cps
Beryllium	9-1	213	183	200	199	7.56	cps
Bismuth	209-1	18989081	19096026	19286146	19123751	0.79	cps
Bismuth	209-2	9512730	9632812	9555288	9566943	0.64	cps
Boron	11-1	66422	64179	58614	63072	6.37	cps
Boron	10-1	14082	13048	12572	13234	5.83	cps
Cadmium	106-1	8670	9087	8711	8823	2.60	cps
Cadmium	108-1	46	25	58	43	39.11	cps
Cadmium	111-1	6187	6497	6182	6289	2.87	cps
Calcium	43-1	1400	1167	1217	1261	9.74	cps
Calcium	44-1	74564	74530	72344	73813	1.72	cps
Chromium	52-2	4641	4674	4844	4720	2.31	cps
Cobalt	59-2	183	160	133	159	15.75	cps
Copper	63-2	417239	416502	416508	416750	0.10	cps
Dysprosium	156-1	58	33	33	42	34.65	cps
Dysprosium	156-2	23	20	33	26	27.15	cps
Erbium	164-2	103	73	70	82	22.33	cps
Erbium	164-1	83	133	117	111	22.91	cps
Gadolinium	160-1	208	242	150	200	23.20	cps
Gadolinium	160-2	300	277	283	287	4.19	cps
Holmium	165-1	27952516	28275442	28731253	28319737	1.38	cps
Holmium	165-2	12645681	12723848	12656492	12675340	0.33	cps
Indium	115-1	18567428	18815258	18976936	18786541	1.10	cps
Indium	115-2	3131872	3115400	3162843	3136705	0.77	cps
Iron	56-2	18034	18529	18184	18249	1.39	cps
Iron	57-2	417	472	506	465	9.66	cps
Krypton	83-1	4464	4554	4134	4384	5.05	cps
Lead	206-1	10427	10632	10905	10655	2.25	cps
Lead	207-1	8842	8942	9231	9005	2.24	cps
Lead	208-1	40820	41237	41593	41217	0.94	cps
Lithium	6-1	4094328	4163295	4129291	4128971	0.84	cps
Magnesium	24-2	2150	1959	2284	2131	7.67	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01	Instrumnet Name :	P7
Client Sample ID :	390828189	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:59:07	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	413	390	380	394	4.34	cps
Molybdenum	94-1	5043	4401	4209	4551	9.59	cps
Molybdenum	95-1	6660	6460	5935	6352	5.90	cps
Molybdenum	96-1	7853	7436	6602	7297	8.73	cps
Molybdenum	97-1	4576	3876	3509	3987	13.60	cps
Molybdenum	98-1	11589	10371	9312	10424	10.93	cps
Neodymium	150-1	40	40	13	31	49.50	cps
Neodymium	150-2	20	30	23	24	20.83	cps
Nickel	60-2	813	863	913	863	5.79	cps
Phosphorus	31-2	233	225	192	217	10.18	cps
Potassium	39-2	37147	35443	36821	36471	2.48	cps
Rhodium	103-1	16073736	16318088	16467145	16286323	1.22	cps
Rhodium	103-2	7948453	7880260	7933671	7920795	0.45	cps
Scandium	45-1	9351417	9484598	9521116	9452377	0.94	cps
Scandium	45-2	406649	407620	408918	407729	0.28	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	33	48	39	20.76	cps
Selenium	82-1	-151	-188	81	-86	-170.09	cps
Silicon	28-1	83478806	82598694	82986160	83021220	0.53	cps
Silver	109-1	433	350	392	392	10.64	cps
Silver	107-1	592	517	583	564	7.29	cps
Sodium	23-2	54423751	54714353	54449295	54529133	0.30	cps
Strontium	86-1	7177	7661	7777	7538	4.22	cps
Strontium	88-1	5034	5009	5143	5062	1.40	cps
Sulfur	34-1	729696	722975	713232	721968	1.15	cps
Terbium	159-1	28383044	28702231	28830245	28638507	0.80	cps
Terbium	159-2	12308994	12175308	12224540	12236281	0.55	cps
Thallium	203-1	2859	3000	2725	2862	4.81	cps
Thallium	205-1	6418	6043	5885	6116	4.48	cps
Thorium	232-1	11984	12339	12284	12202	1.57	cps
Tin	118-1	5051	4718	5009	4926	3.69	cps
Titanium	47-1	1692	1850	1600	1714	7.38	cps
Uranium	238-1	4309	4201	3934	4148	4.65	cps
Vanadium	51-2	610	580	620	603	3.45	cps
Yttrium	89-1	19975253	20189697	20341827	20168926	0.91	cps
Yttrium	89-2	2537641	2549392	2546959	2544664	0.24	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01	Instrumnet Name :	P7
Client Sample ID :	390828189	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 12:59:07	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9777	10037	10167	9994	1.99	cps
Zirconium	90-1	2092	2259	2409	2253	7.03	cps
Zirconium	91-1	517	508	592	539	8.52	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01DUP	Instrumnet Name :	P7
Client Sample ID :	390828189DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:02:43	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	283	283	300	9.62	cps
Antimony	121-1	1600	1784	2075	1820	13.17	cps
Arsenic	75-2	39	33	26	33	19.87	cps
Barium	135-1	492	483	400	458	11.06	cps
Barium	137-1	625	675	892	731	19.40	cps
Beryllium	9-1	187	157	167	170	8.99	cps
Bismuth	209-1	19266062	19048707	19268851	19194540	0.66	cps
Bismuth	209-2	9529405	9609412	9562652	9567156	0.42	cps
Boron	11-1	41065	39754	39210	40010	2.38	cps
Boron	10-1	7919	8128	8077	8041	1.35	cps
Cadmium	106-1	8920	9087	9070	9025	1.02	cps
Cadmium	108-1	38	25	13	25	50.00	cps
Cadmium	111-1	6363	6464	6436	6421	0.81	cps
Calcium	43-1	1100	1192	1075	1122	5.47	cps
Calcium	44-1	71264	69514	68919	69899	1.74	cps
Chromium	52-2	4624	4644	4834	4701	2.47	cps
Cobalt	59-2	107	133	100	113	15.57	cps
Copper	63-2	420844	419867	417206	419306	0.45	cps
Dysprosium	156-1	83	75	75	78	6.19	cps
Dysprosium	156-2	30	50	13	31	59.02	cps
Erbium	164-2	73	70	107	83	24.33	cps
Erbium	164-1	133	125	125	128	3.76	cps
Gadolinium	160-1	142	125	117	128	9.96	cps
Gadolinium	160-2	280	283	267	277	3.19	cps
Holmium	165-1	28459990	28695055	28604657	28586567	0.41	cps
Holmium	165-2	12708766	12810083	12681237	12733362	0.53	cps
Indium	115-1	18890143	18876662	18963827	18910211	0.25	cps
Indium	115-2	3119850	3126647	3117428	3121308	0.15	cps
Iron	56-2	16165	16104	15570	15946	2.05	cps
Iron	57-2	467	483	378	443	12.82	cps
Krypton	83-1	4264	4434	4211	4303	2.71	cps
Lead	206-1	11022	10204	10593	10606	3.85	cps
Lead	207-1	9042	8887	9142	9024	1.43	cps
Lead	208-1	41748	40931	41103	41261	1.04	cps
Lithium	6-1	4121167	4086586	4102133	4103295	0.42	cps
Magnesium	24-2	2067	2084	2209	2120	3.65	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01DUP	Instrumnet Name :	P7
Client Sample ID :	390828189DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:02:43	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	323	273	299	8.37	cps
Molybdenum	94-1	1717	1850	1967	1845	6.78	cps
Molybdenum	95-1	2217	2159	2159	2178	1.55	cps
Molybdenum	96-1	2334	2359	2417	2370	1.80	cps
Molybdenum	97-1	1367	1367	1258	1331	4.70	cps
Molybdenum	98-1	3201	3109	3301	3203	2.99	cps
Neodymium	150-1	40	47	40	42	9.12	cps
Neodymium	150-2	7	17	10	11	45.82	cps
Nickel	60-2	980	963	920	954	3.25	cps
Phosphorus	31-2	225	175	233	211	14.94	cps
Potassium	39-2	36629	36654	34482	35922	3.47	cps
Rhodium	103-1	16347557	16150157	16357476	16285063	0.72	cps
Rhodium	103-2	7946510	7933903	7847951	7909455	0.68	cps
Scandium	45-1	9510812	9308077	9448849	9422579	1.10	cps
Scandium	45-2	408045	406555	408715	407771	0.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	41	63	54	52	21.27	cps
Selenium	82-1	89	-41	294	114	148.23	cps
Silicon	28-1	82631719	82401283	82795916	82609639	0.24	cps
Silver	109-1	342	292	308	314	8.11	cps
Silver	107-1	425	500	400	442	11.78	cps
Sodium	23-2	54892147	54779543	54959818	54877169	0.17	cps
Strontium	86-1	7377	7936	7736	7683	3.68	cps
Strontium	88-1	4893	4818	5268	4993	4.83	cps
Sulfur	34-1	703877	698077	708185	703380	0.72	cps
Terbium	159-1	28686422	28619169	28657059	28654217	0.12	cps
Terbium	159-2	12309639	12255840	12232813	12266097	0.32	cps
Thallium	203-1	1934	2017	1859	1936	4.09	cps
Thallium	205-1	4159	4001	3917	4026	3.05	cps
Thorium	232-1	6157	6207	6613	6326	3.95	cps
Tin	118-1	3142	3892	3917	3651	12.07	cps
Titanium	47-1	1809	1600	1617	1675	6.91	cps
Uranium	238-1	3542	3676	3742	3653	2.79	cps
Vanadium	51-2	543	610	567	573	5.90	cps
Yttrium	89-1	20276543	19863285	20219175	20119668	1.11	cps
Yttrium	89-2	2571107	2553551	2536936	2553865	0.67	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01DUP	Instrumnet Name :	P7
Client Sample ID :	390828189DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:02:43	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11265	11661	10667	11198	4.47	cps
Zirconium	90-1	1667	1784	1909	1786	6.77	cps
Zirconium	91-1	492	292	442	408	25.49	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01LX5	Instrumnet Name :	P7
Client Sample ID :	390828189L	Dilution Factor :	5
Date & Time Acquired ::	2019-09-13 13:06:19	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	100	75	86	14.79	cps
Antimony	121-1	867	808	1042	906	13.41	cps
Arsenic	75-2	15	6	24	15	62.46	cps
Barium	135-1	208	225	167	200	15.02	cps
Barium	137-1	150	167	217	178	19.52	cps
Beryllium	9-1	157	110	137	134	17.42	cps
Bismuth	209-1	19990633	20004108	19826656	19940466	0.50	cps
Bismuth	209-2	10073308	9991910	9925511	9996910	0.74	cps
Boron	11-1	22818	21958	21891	22223	2.33	cps
Boron	10-1	4859	4593	4584	4679	3.34	cps
Cadmium	106-1	9437	8411	9078	8975	5.80	cps
Cadmium	108-1	29	38	38	35	13.85	cps
Cadmium	111-1	6656	5941	6437	6345	5.78	cps
Calcium	43-1	442	583	617	547	16.98	cps
Calcium	44-1	29514	29723	29631	29622	0.35	cps
Chromium	52-2	1630	1593	1730	1651	4.28	cps
Cobalt	59-2	80	77	60	72	14.84	cps
Copper	63-2	87580	87785	88009	87791	0.24	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	27	23	37	29	24.03	cps
Erbium	164-2	83	63	80	76	14.19	cps
Erbium	164-1	133	108	133	125	11.55	cps
Gadolinium	160-1	175	133	108	139	24.25	cps
Gadolinium	160-2	287	217	290	264	15.66	cps
Holmium	165-1	29291149	29547561	28951385	29263365	1.02	cps
Holmium	165-2	13060256	12929769	13039944	13009990	0.54	cps
Indium	115-1	19693399	19629756	19423128	19582094	0.72	cps
Indium	115-2	3251531	3234379	3253787	3246566	0.33	cps
Iron	56-2	6179	5901	6113	6064	2.39	cps
Iron	57-2	161	161	222	181	19.44	cps
Krypton	83-1	4411	4504	4407	4441	1.24	cps
Lead	206-1	3756	3651	3751	3719	1.60	cps
Lead	207-1	3451	3495	3528	3491	1.12	cps
Lead	208-1	14548	14281	14214	14348	1.23	cps
Lithium	6-1	4240261	4235682	4221532	4232492	0.23	cps
Magnesium	24-2	792	792	917	833	8.66	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01LX5	Instrumnet Name :	P7
Client Sample ID :	390828189L	Dilution Factor :	5
Date & Time Acquired ::	2019-09-13 13:06:19	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143	150	123	139	9.99	cps
Molybdenum	94-1	1217	1242	1100	1186	6.37	cps
Molybdenum	95-1	808	1017	867	897	11.98	cps
Molybdenum	96-1	1242	1425	1233	1300	8.33	cps
Molybdenum	97-1	708	542	558	603	15.23	cps
Molybdenum	98-1	1500	1483	1592	1525	3.83	cps
Neodymium	150-1	47	7	13	22	96.44	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	330	300	303	311	5.29	cps
Phosphorus	31-2	192	167	158	172	10.07	cps
Potassium	39-2	26750	25106	26182	26013	3.21	cps
Rhodium	103-1	17116783	17070631	16990135	17059183	0.38	cps
Rhodium	103-2	8348759	8289857	8315836	8318151	0.35	cps
Scandium	45-1	9746862	9671562	9690715	9703046	0.40	cps
Scandium	45-2	421026	419039	419000	419689	0.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	50	41	45	10.34	cps
Selenium	82-1	-38	-232	-46	-106	-103.74	cps
Silicon	28-1	16972278	16930384	16983321	16961994	0.16	cps
Silver	109-1	292	267	233	264	11.09	cps
Silver	107-1	417	425	358	400	9.08	cps
Sodium	23-2	11183282	11118158	11181600	11161013	0.33	cps
Strontium	86-1	6885	7344	7411	7213	3.96	cps
Strontium	88-1	1333	1325	1400	1353	3.04	cps
Sulfur	34-1	483142	484471	482482	483365	0.21	cps
Terbium	159-1	29226000	29541670	29014947	29260872	0.91	cps
Terbium	159-2	12567852	12492593	12431441	12497295	0.55	cps
Thallium	203-1	1450	1542	1392	1461	5.18	cps
Thallium	205-1	2934	2450	2734	2706	8.98	cps
Thorium	232-1	4501	4312	4523	4445	2.61	cps
Tin	118-1	2959	2692	3009	2887	5.90	cps
Titanium	47-1	525	442	458	475	9.28	cps
Uranium	238-1	3326	3501	3876	3567	7.88	cps
Vanadium	51-2	117	93	133	114	17.56	cps
Yttrium	89-1	20854868	20809660	20830318	20831615	0.11	cps
Yttrium	89-2	2622923	2618219	2614906	2618683	0.15	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01LX5	Instrumnet Name :	P7
Client Sample ID :	390828189L	Dilution Factor :	5
Date & Time Acquired ::	2019-09-13 13:06:19	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2194	2334	2200	2242	3.52	cps
Zirconium	90-1	1475	1500	1517	1497	1.40	cps
Zirconium	91-1	317	258	317	297	11.33	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MS	Instrumnet Name :	P7
Client Sample ID :	390828189MS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:09:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253749	260077	258342	257389	1.27	cps
Antimony	121-1	13435825	13533204	13594371	13521133	0.59	cps
Arsenic	75-2	356042	356362	355363	355922	0.14	cps
Barium	135-1	799579	802292	815645	805838	1.07	cps
Barium	137-1	1416720	1420102	1433588	1423470	0.63	cps
Beryllium	9-1	481064	484683	485724	483824	0.51	cps
Bismuth	209-1	19216195	19164011	19448072	19276093	0.78	cps
Bismuth	209-2	9743394	9710164	9673147	9708902	0.36	cps
Boron	11-1	616748	620850	627305	621634	0.86	cps
Boron	10-1	129089	130273	129684	129682	0.46	cps
Cadmium	106-1	91670	90748	92384	91601	0.90	cps
Cadmium	108-1	61579	62747	63621	62649	1.64	cps
Cadmium	111-1	953547	957684	959716	956982	0.33	cps
Calcium	43-1	46089	46474	46424	46329	0.45	cps
Calcium	44-1	771542	772940	782000	775494	0.73	cps
Chromium	52-2	1746791	1758905	1750279	1751992	0.36	cps
Cobalt	59-2	1516680	1517233	1510682	1514865	0.24	cps
Copper	63-2	2101152	2127306	2105438	2111298	0.66	cps
Dysprosium	156-1	1158498	1157102	1151417	1155672	0.32	cps
Dysprosium	156-2	235975	237269	236092	236446	0.30	cps
Erbium	164-2	133	127	120	127	5.27	cps
Erbium	164-1	267	200	200	222	17.32	cps
Gadolinium	160-1	583	458	525	522	11.98	cps
Gadolinium	160-2	413	403	403	407	1.42	cps
Holmium	165-1	28926451	29126750	29129917	29061039	0.40	cps
Holmium	165-2	13032124	13020546	12971828	13008166	0.25	cps
Indium	115-1	18961987	19009931	19069076	19013665	0.28	cps
Indium	115-2	3181146	3160564	3158300	3166670	0.40	cps
Iron	56-2	11924405	11939212	11871327	11911648	0.30	cps
Iron	57-2	292185	290744	288936	290622	0.56	cps
Krypton	83-1	4277	4514	4754	4515	5.28	cps
Lead	206-1	17469007	17620422	17434740	17508056	0.56	cps
Lead	207-1	15244830	15230138	15162580	15212516	0.29	cps
Lead	208-1	69857803	69891261	69769734	69839599	0.09	cps
Lithium	6-1	4319626	4297829	4338183	4318546	0.47	cps
Magnesium	24-2	685831	680437	682983	683084	0.40	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MS	Instrumnet Name :	P7
Client Sample ID :	390828189MS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:09:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	506959	506702	505650	506437	0.14	cps
Molybdenum	94-1	1673642	1703266	1698900	1691936	0.95	cps
Molybdenum	95-1	2969546	3001313	2987087	2985982	0.53	cps
Molybdenum	96-1	3191336	3206174	3220765	3206092	0.46	cps
Molybdenum	97-1	1867861	1875021	1887662	1876848	0.53	cps
Molybdenum	98-1	4855079	4869720	4922719	4882506	0.73	cps
Neodymium	150-1	120	147	193	153	24.21	cps
Neodymium	150-2	20	40	43	34	36.64	cps
Nickel	60-2	1004212	1005215	998148	1002525	0.38	cps
Phosphorus	31-2	37590	37766	37423	37593	0.46	cps
Potassium	39-2	2698949	2706702	2716088	2707246	0.32	cps
Rhodium	103-1	16726474	16532395	16758305	16672391	0.73	cps
Rhodium	103-2	8155929	8097764	8118628	8124107	0.36	cps
Scandium	45-1	9675238	9610841	9708346	9664808	0.51	cps
Scandium	45-2	423567	417529	420365	420487	0.72	cps
Selenium	77-2	24200	24357	24220	24259	0.35	cps
Selenium	78-2	82518	81894	83365	82592	0.89	cps
Selenium	82-1	626356	622571	620305	623077	0.49	cps
Silicon	28-1	90885765	92076719	92083752	91682078	0.75	cps
Silver	109-1	1542337	1539849	1562862	1548349	0.82	cps
Silver	107-1	1602486	1606905	1613268	1607553	0.34	cps
Sodium	23-2	57566355	57386666	57395547	57449523	0.18	cps
Strontium	86-1	960866	960728	967167	962921	0.38	cps
Strontium	88-1	8431768	8480547	8466482	8459599	0.30	cps
Sulfur	34-1	705347	700100	700179	701875	0.43	cps
Terbium	159-1	28930409	28749493	29261390	28980431	0.90	cps
Terbium	159-2	12687024	12571314	12524226	12594188	0.67	cps
Thallium	203-1	41849200	42386145	42724812	42320052	1.04	cps
Thallium	205-1	101499011	102267256	101055754	101607340	0.60	cps
Thorium	232-1	8347	8503	8775	8542	2.54	cps
Tin	118-1	10160790	10182043	10171713	10171515	0.10	cps
Titanium	47-1	365148	371499	366695	367781	0.90	cps
Uranium	238-1	4001	3801	3817	3873	2.87	cps
Vanadium	51-2	995637	1005273	1002479	1001130	0.50	cps
Yttrium	89-1	20578430	20585931	20751920	20638760	0.48	cps
Yttrium	89-2	2637693	2615151	2644248	2632364	0.58	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MS	Instrumnet Name :	P7
Client Sample ID :	390828189MS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:09:55	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	186167	186784	187787	186912	0.44	cps
Zirconium	90-1	8111	8069	7861	8014	1.67	cps
Zirconium	91-1	4593	4184	4092	4290	6.21	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MSD	Instrumnet Name :	P7
Client Sample ID :	390828189MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:13:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260574	263965	265799	263446	1.01	cps
Antimony	121-1	13639024	13676809	13796955	13704263	0.60	cps
Arsenic	75-2	358896	360638	363143	360892	0.59	cps
Barium	135-1	807399	817541	822003	815648	0.92	cps
Barium	137-1	1404399	1428685	1439425	1424170	1.26	cps
Beryllium	9-1	475790	482179	484039	480669	0.90	cps
Bismuth	209-1	19111231	19158790	19249625	19173215	0.37	cps
Bismuth	209-2	9781248	9750582	9779521	9770450	0.18	cps
Boron	11-1	612102	631761	636768	626877	2.08	cps
Boron	10-1	127248	129797	131988	129678	1.83	cps
Cadmium	106-1	92285	94715	93701	93567	1.30	cps
Cadmium	108-1	63421	63638	63111	63390	0.42	cps
Cadmium	111-1	951842	963243	971097	962061	1.01	cps
Calcium	43-1	46240	45655	46064	45986	0.65	cps
Calcium	44-1	771629	772494	770035	771386	0.16	cps
Chromium	52-2	1776332	1797473	1779358	1784388	0.64	cps
Cobalt	59-2	1544519	1543227	1543070	1543605	0.05	cps
Copper	63-2	2137865	2134443	2135361	2135890	0.08	cps
Dysprosium	156-1	1127196	1134936	1147901	1136678	0.92	cps
Dysprosium	156-2	237044	238954	239594	238531	0.56	cps
Erbium	164-2	103	133	133	123	14.04	cps
Erbium	164-1	225	217	317	253	21.95	cps
Gadolinium	160-1	433	458	492	461	6.35	cps
Gadolinium	160-2	367	390	390	382	3.52	cps
Holmium	165-1	28699900	28987206	28650046	28779051	0.63	cps
Holmium	165-2	13082431	13164730	13129636	13125599	0.31	cps
Indium	115-1	18840218	18931971	18827655	18866615	0.30	cps
Indium	115-2	3167459	3195609	3193305	3185458	0.49	cps
Iron	56-2	12069775	12159542	12109164	12112827	0.37	cps
Iron	57-2	296706	298270	296376	297117	0.34	cps
Krypton	83-1	4484	4838	4517	4613	4.23	cps
Lead	206-1	17527950	17484578	17792727	17601752	0.95	cps
Lead	207-1	15154746	15245966	15258187	15219633	0.37	cps
Lead	208-1	69444189	69745754	70392797	69860913	0.69	cps
Lithium	6-1	4240886	4266580	4272052	4259840	0.39	cps
Magnesium	24-2	689770	692065	697357	693064	0.56	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MSD	Instrumnet Name :	P7
Client Sample ID :	390828189MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:13:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	513162	519957	514583	515901	0.69	cps
Molybdenum	94-1	1713237	1716679	1735471	1721795	0.70	cps
Molybdenum	95-1	3015730	3032618	3064061	3037470	0.81	cps
Molybdenum	96-1	3214971	3262092	3307102	3261388	1.41	cps
Molybdenum	97-1	1871889	1900037	1929933	1900619	1.53	cps
Molybdenum	98-1	4854582	4880448	4964311	4899780	1.17	cps
Neodymium	150-1	140	127	187	151	20.85	cps
Neodymium	150-2	30	30	33	31	6.18	cps
Nickel	60-2	1015818	1019948	1026771	1020846	0.54	cps
Phosphorus	31-2	37373	38042	37850	37755	0.91	cps
Potassium	39-2	2724461	2737128	2721938	2727843	0.30	cps
Rhodium	103-1	16477089	16399854	16622994	16499979	0.69	cps
Rhodium	103-2	8192372	8167807	8211102	8190427	0.27	cps
Scandium	45-1	9633917	9640563	9679608	9651363	0.26	cps
Scandium	45-2	420366	419489	421855	420570	0.28	cps
Selenium	77-2	25058	24675	25129	24954	0.98	cps
Selenium	78-2	84896	83211	84138	84082	1.00	cps
Selenium	82-1	619410	626726	631315	625817	0.96	cps
Silicon	28-1	90821387	91820785	92369381	91670518	0.86	cps
Silver	109-1	1536031	1555328	1556674	1549344	0.75	cps
Silver	107-1	1600660	1616895	1623510	1613688	0.73	cps
Sodium	23-2	58069043	58430055	58440745	58313281	0.36	cps
Strontium	86-1	963668	970248	989232	974383	1.36	cps
Strontium	88-1	8480837	8577426	8691617	8583294	1.23	cps
Sulfur	34-1	679109	682126	682429	681221	0.27	cps
Terbium	159-1	28659610	28810958	29228226	28899598	1.02	cps
Terbium	159-2	12548335	12702323	12647420	12632693	0.62	cps
Thallium	203-1	42198988	42962469	42736067	42632508	0.92	cps
Thallium	205-1	101450067	102771450	103603215	102608244	1.06	cps
Thorium	232-1	6168	5618	6085	5957	4.98	cps
Tin	118-1	10239238	10317034	10326374	10294215	0.46	cps
Titanium	47-1	369698	374346	377703	373916	1.08	cps
Uranium	238-1	3409	3451	3167	3342	4.58	cps
Vanadium	51-2	1016738	1025229	1018643	1020203	0.44	cps
Yttrium	89-1	20443157	20534238	20788951	20588782	0.87	cps
Yttrium	89-2	2652880	2633268	2646732	2644293	0.38	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01MSD	Instrumnet Name :	P7
Client Sample ID :	390828189MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:13:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	188291	188205	188023	188173	0.07	cps
Zirconium	90-1	4559	4359	4776	4565	4.57	cps
Zirconium	91-1	3351	3317	3792	3487	7.61	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01A	Instrumnet Name :	P7
Client Sample ID :	390828189A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:17:09	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	259594	261534	262202	261110	0.52	cps
Antimony	121-1	13704363	13616239	13758206	13692936	0.52	cps
Arsenic	75-2	360599	363778	362750	362376	0.45	cps
Barium	135-1	809940	812756	819645	814114	0.61	cps
Barium	137-1	1434025	1432773	1433120	1433306	0.05	cps
Beryllium	9-1	481752	481263	484965	482660	0.42	cps
Bismuth	209-1	19182634	19247995	19235419	19222016	0.18	cps
Bismuth	209-2	9759876	9758411	9789226	9769171	0.18	cps
Boron	11-1	630289	641994	650481	640922	1.58	cps
Boron	10-1	128273	134401	135544	132739	2.95	cps
Cadmium	106-1	94775	92290	92569	93211	1.46	cps
Cadmium	108-1	63718	64748	63015	63827	1.37	cps
Cadmium	111-1	965831	965721	980792	970781	0.89	cps
Calcium	43-1	46909	45237	46340	46162	1.84	cps
Calcium	44-1	782024	782077	784524	782875	0.18	cps
Chromium	52-2	1791452	1780348	1795296	1789032	0.43	cps
Cobalt	59-2	1537119	1552864	1546872	1545618	0.51	cps
Copper	63-2	2121263	2157637	2159365	2146088	1.00	cps
Dysprosium	156-1	1149342	1137504	1148668	1145171	0.58	cps
Dysprosium	156-2	236630	238201	237795	237542	0.34	cps
Erbium	164-2	120	110	110	113	5.09	cps
Erbium	164-1	233	200	233	222	8.66	cps
Gadolinium	160-1	392	408	450	417	7.21	cps
Gadolinium	160-2	447	373	437	419	9.49	cps
Holmium	165-1	29007639	28988035	28728027	28907900	0.54	cps
Holmium	165-2	13009701	13135265	13101947	13082304	0.50	cps
Indium	115-1	19146545	19091828	19112821	19117065	0.14	cps
Indium	115-2	3182339	3215917	3228513	3208923	0.74	cps
Iron	56-2	12154771	12226559	12247137	12209489	0.40	cps
Iron	57-2	294770	297345	296219	296111	0.44	cps
Krypton	83-1	4394	4687	4544	4542	3.23	cps
Lead	206-1	17583805	17624900	17638346	17615684	0.16	cps
Lead	207-1	15312638	15251415	15349617	15304556	0.32	cps
Lead	208-1	70163454	70079844	70204746	70149348	0.09	cps
Lithium	6-1	4313074	4254663	4262378	4276705	0.74	cps
Magnesium	24-2	696701	689845	695864	694137	0.54	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01A	Instrumnet Name :	P7
Client Sample ID :	390828189A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:17:09	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	520225	519213	521985	520474	0.27	cps
Molybdenum	94-1	1718273	1731051	1724445	1724590	0.37	cps
Molybdenum	95-1	3050150	3025482	3044386	3040006	0.42	cps
Molybdenum	96-1	3258021	3252417	3275542	3261993	0.37	cps
Molybdenum	97-1	1902358	1897737	1908603	1902899	0.29	cps
Molybdenum	98-1	4931587	4918930	4939238	4929919	0.21	cps
Neodymium	150-1	153	107	113	124	20.28	cps
Neodymium	150-2	43	57	43	48	16.12	cps
Nickel	60-2	1019737	1021216	1025837	1022263	0.31	cps
Phosphorus	31-2	38468	37448	38860	38259	1.91	cps
Potassium	39-2	2754358	2751386	2782345	2762697	0.62	cps
Rhodium	103-1	16695510	16765271	16688938	16716573	0.25	cps
Rhodium	103-2	8186011	8193512	8241828	8207117	0.37	cps
Scandium	45-1	9776968	9709994	9740879	9742614	0.34	cps
Scandium	45-2	425165	426881	430165	427404	0.59	cps
Selenium	77-2	24474	24788	25235	24833	1.54	cps
Selenium	78-2	83900	84036	84481	84139	0.36	cps
Selenium	82-1	625233	627987	629717	627646	0.36	cps
Silicon	28-1	92850773	92927006	92462156	92746645	0.27	cps
Silver	109-1	1562377	1551365	1570648	1561463	0.62	cps
Silver	107-1	1603745	1620222	1611686	1611884	0.51	cps
Sodium	23-2	58516135	58112468	58395928	58341510	0.36	cps
Strontium	86-1	986229	980291	987131	984551	0.38	cps
Strontium	88-1	8654175	8576130	8666822	8632376	0.57	cps
Sulfur	34-1	681697	685948	684973	684206	0.33	cps
Terbium	159-1	29138165	29164395	29257219	29186593	0.21	cps
Terbium	159-2	12607783	12675545	12768084	12683804	0.63	cps
Thallium	203-1	43011544	42581546	42304247	42632445	0.84	cps
Thallium	205-1	103015871	102218163	102591423	102608486	0.39	cps
Thorium	232-1	4684	4934	5218	4945	5.40	cps
Tin	118-1	10338379	10208654	10332324	10293119	0.71	cps
Titanium	47-1	377017	375174	374012	375401	0.40	cps
Uranium	238-1	3434	3867	3542	3615	6.24	cps
Vanadium	51-2	1018592	1021414	1029329	1023112	0.54	cps
Yttrium	89-1	20832000	20780047	20751574	20787874	0.20	cps
Yttrium	89-2	2644771	2670067	2663551	2659463	0.49	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	K4874-01A	Instrumnet Name :	P7
Client Sample ID :	390828189A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:17:09	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	187247	186414	189303	187655	0.79	cps
Zirconium	90-1	3917	4218	3842	3992	4.97	cps
Zirconium	91-1	3467	3684	3484	3545	3.40	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : CCV27 Instrumnet Name : P7
 Client Sample ID : CCV27 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 13:20:44 DataFile Name : 025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7279350	7290209	7296907	7288822	0.12	cps
Antimony	121-1	8017600	8010056	7944026	7990561	0.51	cps
Arsenic	75-2	216150	218970	218508	217876	0.69	cps
Barium	135-1	9700905	9671120	9600761	9657596	0.53	cps
Barium	137-1	16798329	16871764	16697132	16789075	0.52	cps
Beryllium	9-1	1161108	1160817	1159042	1160323	0.10	cps
Bismuth	209-1	17742261	17705818	17617452	17688510	0.36	cps
Bismuth	209-2	8755915	8787781	8816039	8786578	0.34	cps
Boron	11-1	971801	984759	991357	982639	1.01	cps
Boron	10-1	201220	205622	207562	204801	1.59	cps
Cadmium	106-1	280027	281996	279481	280502	0.47	cps
Cadmium	108-1	188810	188261	187427	188166	0.37	cps
Cadmium	111-1	2447523	2459904	2433251	2446893	0.55	cps
Calcium	43-1	9737102	9778000	9672362	9729155	0.55	cps
Calcium	44-1	159732274	160450645	159199641	159794187	0.39	cps
Chromium	52-2	2140095	2155937	2156261	2150764	0.43	cps
Cobalt	59-2	3508928	3554585	3553493	3539002	0.74	cps
Copper	63-2	5676476	5741039	5737389	5718301	0.63	cps
Dysprosium	156-1	192	208	308	236	26.72	cps
Dysprosium	156-2	157	220	157	178	20.57	cps
Erbium	164-2	103	130	137	123	14.30	cps
Erbium	164-1	175	175	175	175	0.00	cps
Gadolinium	160-1	183	250	208	214	15.75	cps
Gadolinium	160-2	280	327	337	314	9.62	cps
Holmium	165-1	28438439	28743990	28407698	28530042	0.65	cps
Holmium	165-2	12617004	12762668	12724426	12701366	0.59	cps
Indium	115-1	18298044	18524432	18269732	18364069	0.76	cps
Indium	115-2	3034232	3073591	3088647	3065490	0.92	cps
Iron	56-2	459796344	464477944	465352844	463209044	0.64	cps
Iron	57-2	11356082	11470535	11533994	11453537	0.79	cps
Krypton	83-1	4621	4484	4477	4527	1.79	cps
Lead	206-1	7968627	8000714	8036343	8001895	0.42	cps
Lead	207-1	6990372	6947868	6969963	6969401	0.31	cps
Lead	208-1	31855733	31688814	31936171	31826906	0.40	cps
Lithium	6-1	4111057	4099734	4092154	4100982	0.23	cps
Magnesium	24-2	80153893	80871483	81091256	80705544	0.61	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:20:44	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2451170	2483882	2481914	2472322	0.74	cps
Molybdenum	94-1	15893348	16058269	15829355	15926990	0.74	cps
Molybdenum	95-1	20112383	20077219	19933011	20040871	0.47	cps
Molybdenum	96-1	22279375	22137049	22142753	22186392	0.36	cps
Molybdenum	97-1	12614471	12569821	12468140	12550810	0.60	cps
Molybdenum	98-1	32405292	32542990	32211864	32386716	0.51	cps
Neodymium	150-1	847	893	900	880	3.30	cps
Neodymium	150-2	73	90	83	82	10.20	cps
Nickel	60-2	920926	927883	929518	926109	0.49	cps
Phosphorus	31-2	63101	64507	66750	64786	2.84	cps
Potassium	39-2	32915797	33181282	33173975	33090351	0.46	cps
Rhodium	103-1	15510965	15450219	15503051	15488078	0.21	cps
Rhodium	103-2	7438897	7470144	7531924	7480322	0.63	cps
Scandium	45-1	9818344	9762939	9656262	9745848	0.85	cps
Scandium	45-2	422421	426106	428250	425592	0.69	cps
Selenium	77-2	5941	6105	6198	6081	2.14	cps
Selenium	78-2	20220	20450	20325	20332	0.57	cps
Selenium	82-1	153066	153614	151159	152613	0.84	cps
Silicon	28-1	4891943	4942181	4950859	4928328	0.65	cps
Silver	109-1	10426031	10427339	10253603	10368991	0.96	cps
Silver	107-1	10830680	10789783	10765318	10795261	0.31	cps
Sodium	23-2	153531766	154491695	154075320	154032927	0.31	cps
Strontium	86-1	2310035	2328498	2294446	2310993	0.74	cps
Strontium	88-1	20582913	20634030	20336091	20517678	0.78	cps
Sulfur	34-1	1200505	1184368	1185457	1190110	0.76	cps
Terbium	159-1	28614785	28706762	28516806	28612785	0.33	cps
Terbium	159-2	12168772	12293263	12235358	12232464	0.51	cps
Thallium	203-1	9764665	9843390	9867429	9825161	0.55	cps
Thallium	205-1	23522369	23761726	23535849	23606648	0.57	cps
Thorium	232-1	36234456	35822056	35518403	35858305	1.00	cps
Tin	118-1	6994004	6977356	6959593	6976984	0.25	cps
Titanium	47-1	4547673	4544232	4462379	4518095	1.07	cps
Uranium	238-1	34580655	34887658	34662521	34710278	0.46	cps
Vanadium	51-2	1633465	1656507	1659266	1649746	0.86	cps
Yttrium	89-1	20617614	20568163	20333528	20506435	0.74	cps
Yttrium	89-2	2596535	2614006	2629910	2613484	0.64	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:20:44	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	839508	850656	850503	846889	0.75	cps
Zirconium	90-1	12311348	12390576	12294245	12332056	0.42	cps
Zirconium	91-1	2718266	2753412	2713960	2728546	0.79	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:24:26	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	92	92	81	23.89	cps
Antimony	121-1	6285	7811	7786	7294	11.98	cps
Arsenic	75-2	33	33	39	35	9.12	cps
Barium	135-1	100	167	67	111	45.82	cps
Barium	137-1	142	150	158	150	5.56	cps
Beryllium	9-1	313	277	237	276	13.92	cps
Bismuth	209-1	20297972	20367623	20305391	20323662	0.19	cps
Bismuth	209-2	10155117	10339589	10466651	10320452	1.52	cps
Boron	11-1	65736	63609	61418	63587	3.40	cps
Boron	10-1	14199	13039	13348	13529	4.44	cps
Cadmium	106-1	10079	9645	9662	9795	2.51	cps
Cadmium	108-1	33	38	42	38	11.12	cps
Cadmium	111-1	7269	6942	6905	7039	2.85	cps
Calcium	43-1	217	258	225	233	9.45	cps
Calcium	44-1	16944	16986	16160	16696	2.79	cps
Chromium	52-2	833	743	873	817	8.15	cps
Cobalt	59-2	57	57	30	48	32.23	cps
Copper	63-2	1603	1727	1720	1683	4.12	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	30	27	27	28	6.92	cps
Erbium	164-2	47	87	53	62	34.44	cps
Erbium	164-1	108	125	133	122	10.41	cps
Gadolinium	160-1	225	133	258	206	31.49	cps
Gadolinium	160-2	280	400	320	333	18.33	cps
Holmium	165-1	29475675	29645710	29672458	29597948	0.36	cps
Holmium	165-2	13326566	13534984	13591424	13484325	1.03	cps
Indium	115-1	20446295	20228235	20402828	20359119	0.57	cps
Indium	115-2	3368199	3438886	3499902	3435662	1.92	cps
Iron	56-2	7308	7046	7385	7246	2.45	cps
Iron	57-2	217	239	261	239	9.30	cps
Krypton	83-1	4617	4761	4891	4756	2.88	cps
Lead	206-1	2773	2506	2645	2641	5.05	cps
Lead	207-1	2617	2467	2439	2508	3.81	cps
Lead	208-1	10496	10141	9991	10209	2.54	cps
Lithium	6-1	4472404	4485307	4462108	4473273	0.26	cps
Magnesium	24-2	817	800	750	789	4.40	cps

LB Number : LB105117 Operator : Jaswal
 Lab Sample ID : CCB27 Instrumnet Name : P7
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 13:24:26 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	40	70	57	26.96	cps
Molybdenum	94-1	4568	4242	3851	4220	8.51	cps
Molybdenum	95-1	6202	5576	5643	5807	5.91	cps
Molybdenum	96-1	7402	6910	6327	6880	7.83	cps
Molybdenum	97-1	4393	3826	3751	3990	8.80	cps
Molybdenum	98-1	10404	9228	8553	9395	9.97	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	160	153	117	143	16.28	cps
Phosphorus	31-2	167	150	100	139	24.98	cps
Potassium	39-2	28979	28804	29297	29027	0.86	cps
Rhodium	103-1	17971156	18163281	18092531	18075656	0.54	cps
Rhodium	103-2	8740126	8902435	8909321	8850627	1.08	cps
Scandium	45-1	10369312	10415649	10361736	10382233	0.28	cps
Scandium	45-2	441366	451336	460711	451138	2.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	57	52	52	54	5.98	cps
Selenium	82-1	54	118	-174	-1	-17298.87	cps
Silicon	28-1	153591	151989	145341	150307	2.91	cps
Silver	109-1	592	492	483	522	11.54	cps
Silver	107-1	667	683	642	664	3.16	cps
Sodium	23-2	61243	59895	59092	60077	1.81	cps
Strontium	86-1	8028	7752	7277	7686	4.94	cps
Strontium	88-1	342	267	325	311	12.66	cps
Sulfur	34-1	537930	531517	532549	533999	0.64	cps
Terbium	159-1	29665982	29823103	30009015	29832700	0.58	cps
Terbium	159-2	12767054	13050875	13005000	12940976	1.18	cps
Thallium	203-1	6569	5801	5868	6079	6.99	cps
Thallium	205-1	14058	13349	13157	13521	3.51	cps
Thorium	232-1	9026	8831	8636	8831	2.20	cps
Tin	118-1	6127	5968	6610	6235	5.36	cps
Titanium	47-1	242	158	183	194	21.99	cps
Uranium	238-1	3809	3551	3942	3767	5.29	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Yttrium	89-1	21769199	22028725	21927240	21908388	0.60	cps
Yttrium	89-2	2747239	2798169	2839632	2795013	1.66	cps

LB Number :	LB105117	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 13:24:26	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	337	290	357	328	10.44	cps
Zirconium	90-1	2409	2359	2292	2353	2.49	cps
Zirconium	91-1	442	600	508	517	15.39	cps