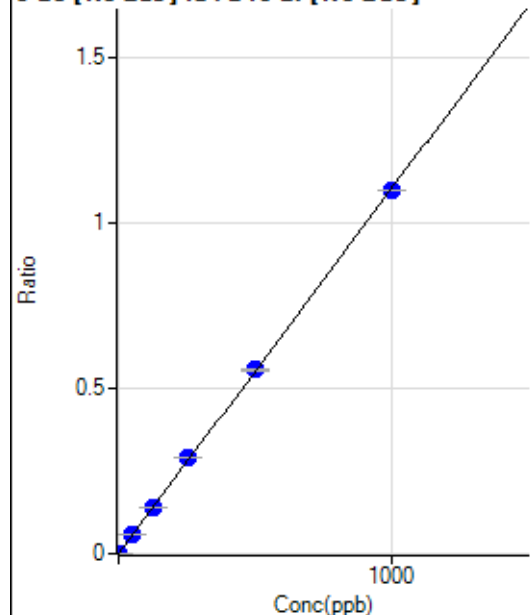


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8050620MS.b\
 Analysis File: P8050620MS.batch.bin
 DA Date-Time: 2020-05-06 15:21:32
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-05-06 13:03:15
2	006CALS.d	S02	2020-05-06 13:06:26
3	008CALS.d	S03	2020-05-06 13:12:45
4	009CALS.d	S04	2020-05-06 13:15:53
5	010CALS.d	S05	2020-05-06 13:18:59
6	011CALS.d	S06	2020-05-06 13:21:58
7	012CALS.d	S07	2020-05-06 13:24:58
8	013CALS.d	S08	2020-05-06 13:27:56

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.33	0.0000	P	39.1
2	☐	1.000	0.979	705.88	0.0011	P	4.2
3	☐	50.000	51.622	35979.13	0.0570	P	1.2
4	☐	125.000	128.367	92809.71	0.1417	P	0.6
5	☐	250.000	262.701	187553.33	0.2899	P	1.0
6	☐	500.000	504.139	363992.43	0.5563	P	0.8
7	☐	1000.000	994.253	703517.64	1.0971	P	0.1
8	☐			1326.47	0.0022	P	4.2

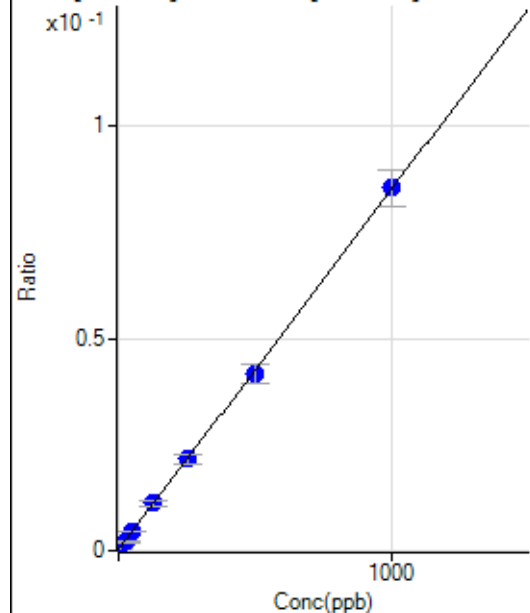
$$y = 0.0011 * x + 4.0531E-005$$

$$R = 0.9999$$

$$DL = 0.04309$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	149.97	0.0002	P	10.6
2	☐	25.000	21.238	1287.14	0.0020	P	7.2
3	☐	50.000	50.817	2874.39	0.0046	P	7.5
4	☐	125.000	128.852	7325.07	0.0112	P	9.6
5	☐	250.000	252.528	14004.59	0.0217	P	10.0
6	☐	500.000	489.271	27327.95	0.0418	P	10.2
7	☐	1000.000	1004.304	54802.93	0.0855	P	9.8
8	☐			10489.72	0.0170	P	12.7

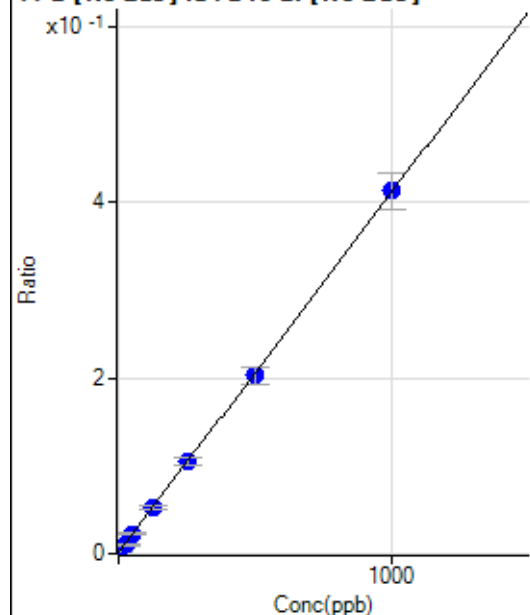
$$y = 8.4889E-005 * x + 2.3979E-004$$

$$R = 0.9999$$

$$DL = 0.8994$$

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	754.54	0.0012	P	5.9
2	☐	25.000	21.465	6312.80	0.0100	P	11.4
3	☐	50.000	51.467	14100.67	0.0223	P	8.3
4	☐	125.000	125.675	34599.82	0.0528	P	9.1
5	☐	250.000	252.185	67673.57	0.1047	P	9.5
6	☐	500.000	490.931	132636.83	0.2027	P	10.7
7	☐	1000.000	1003.919	264955.45	0.4133	P	10.3
8	☐			49871.77	0.0809	P	10.2

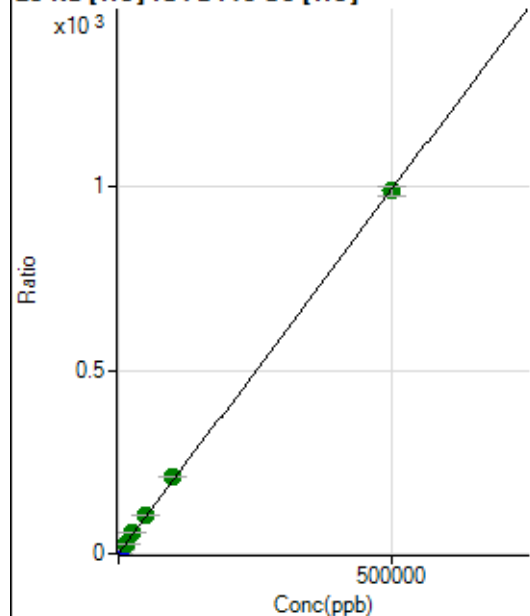
$$y = 4.1053E-004 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.5218$$

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	29491.50	0.5173	P	1.4
2	☐	500.000	516.957	89356.79	1.5428	P	3.4
3	☐	5000.000	5405.432	660508.39	11.2395	P	1.3
4	☐	12500.000	13631.396	1631513.13	27.5566	A	2.0
5	☐	25000.000	28893.436	3240477.18	57.8303	A	7.8
6	☐	50000.000	52595.832	6120917.15	104.8464	A	0.2
7	☐	100000.00	105010.83	11808262.33	208.8168	A	1.1
8	☐	500000.00	498511.22	52814493.19	989.3643	A	2.8

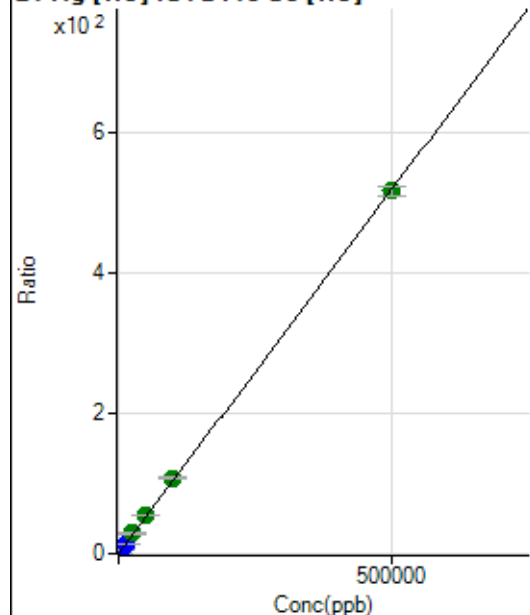
$$y = 0.0020 * x + 0.5173$$

$$R = 0.9999$$

$$DL = 11.21$$

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	216.67	0.0038	P	12.1
2	☐	500.000	516.212	31278.65	0.5400	P	4.0
3	☐	5000.000	5374.743	328303.09	5.5865	P	1.1
4	☐	12500.000	13409.068	824882.47	13.9316	P	0.9
5	☐	25000.000	28602.791	1664935.04	29.7131	A	7.7
6	☐	50000.000	52175.241	3164067.72	54.1975	A	1.0
7	☐	100000.00	104036.72	6110543.10	108.0652	A	1.6
8	☐	500000.00	498768.50	27655409.99	518.0673	A	2.8

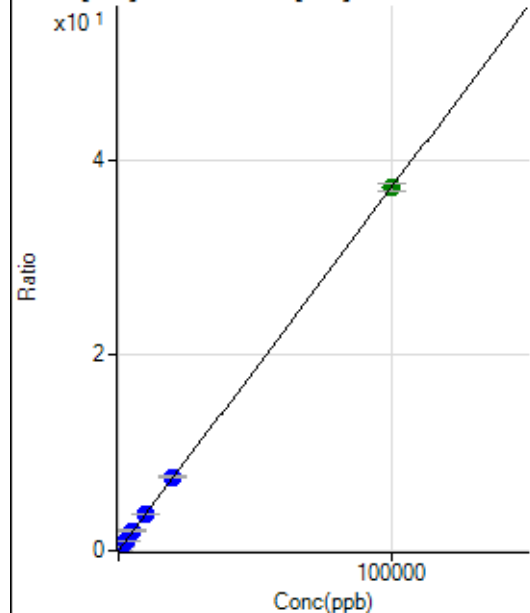
$$y = 0.0010 * x + 0.0038$$

$$R = 0.9999$$

$$DL = 1.33$$

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	299.28	0.0052	P	3.0
2	☐	20.000	21.490	766.54	0.0132	P	5.4
3	☐	1000.000	1026.251	22732.49	0.3868	P	1.4
4	☐	2500.000	2553.399	56524.90	0.9547	P	0.8
5	☐	5000.000	5525.564	115411.42	2.0598	P	7.9
6	☐	10000.000	10059.598	218667.18	3.7456	P	0.7
7	☐	20000.000	20233.994	425708.73	7.5287	P	1.6
8	☐	100000.00	99919.365	1983793.66	37.1573	A	2.1

$$y = 3.7182E-004 * x + 0.0052$$

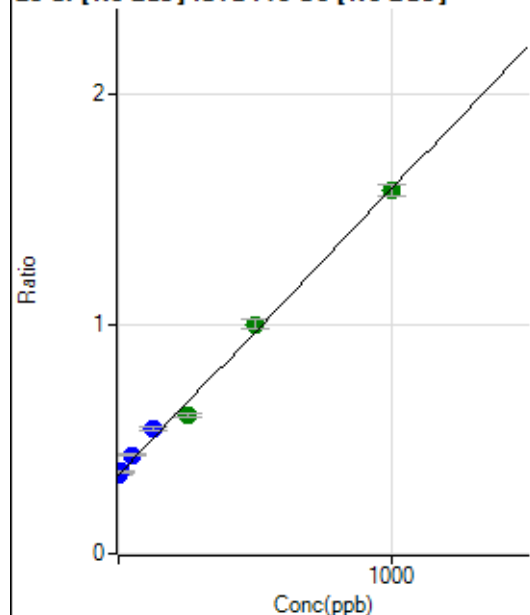
$$R = 1.0000$$

$$DL = 1.282$$

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	540552.45	0.3444	P	2.4
2	☐	10.000	10.369	567207.62	0.3573	P	1.5
3	☐	50.000	67.673	686120.76	0.4288	P	1.9
4	☐	125.000	162.303	902638.03	0.5468	P	2.4
5	☐	250.000	209.008	984078.31	0.6050	A	3.5
6	☐	500.000	525.099	1644074.68	0.9991	A	4.2
7	☐	1000.000	992.148	2498466.81	1.5815	A	3.1
8	☐			947074.03	0.6090	P	6.0

$$y = 0.0012 * x + 0.3444$$

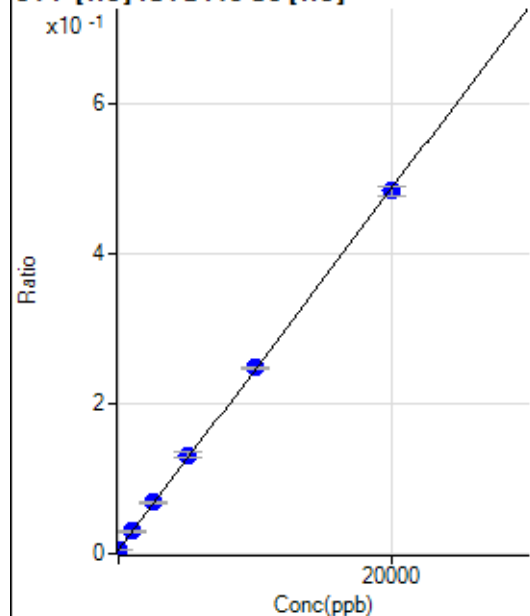
$$R = 0.9975$$

$$DL = 19.88$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-24.549	258.34	0.0045	P	12.1
2	☐	0.000	24.549	330.57	0.0057	P	17.3
3	☐	1000.000	1036.215	1766.83	0.0300	P	6.2
4	☐	2500.000	2619.699	4034.02	0.0681	P	2.4
5	☐	5000.000	5260.848	7388.18	0.1317	P	4.8
6	☐	10000.000	10076.331	14449.17	0.2475	P	0.3
7	☐	20000.000	19879.849	27326.28	0.4833	P	2.5
8	☐			308.34	0.0058	P	20.5

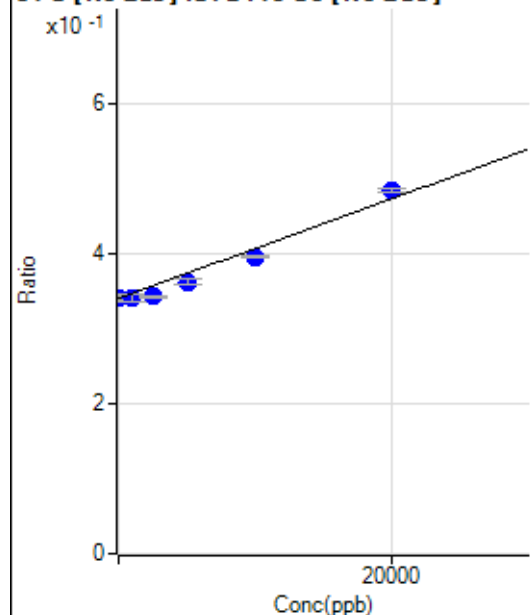
$$y = 2.4054E-005 * x + 0.0051$$

$$R = 0.9999$$

$$DL = 95.87$$

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	18.411	534583.25	0.3406	P	1.8
2	☐	0.000	-18.411	540249.04	0.3404	P	1.2
3	☐	1000.000	68.903	545345.89	0.3409	P	3.5
4	☐	2500.000	360.974	566047.86	0.3429	P	0.8
5	☐	5000.000	3321.730	589749.97	0.3625	P	2.5
6	☐	10000.000	8350.148	651481.04	0.3959	P	0.8
7	☐	20000.000	21558.427	763985.33	0.4835	P	1.1
8	☐			500849.13	0.3220	P	1.9

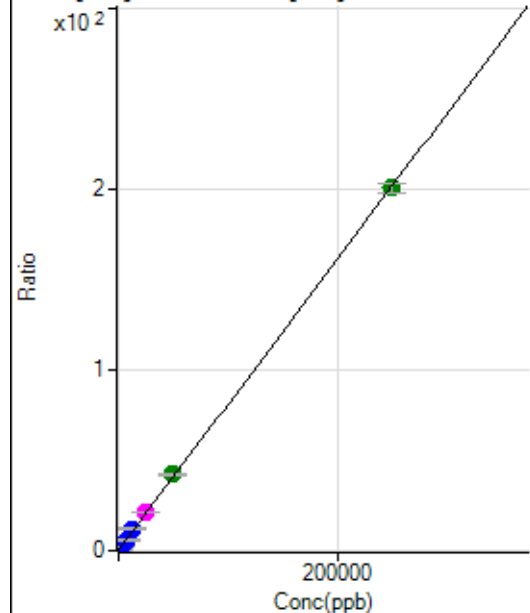
$$y = 6.6343\text{E-}006 * x + 0.3405$$

$$R = 0.9897$$

$$DL = 2267$$

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	23054.90	0.4044	P	2.8
2	☐	500.000	514.575	47389.59	0.8183	P	3.7
3	☐	2500.000	2683.869	150619.74	2.5631	P	1.9
4	☐	6250.000	6742.761	345033.46	5.8277	P	1.9
5	☐	12500.000	14549.364	678410.50	12.1067	P	7.6
6	☐	25000.000	26391.524	1262878.50	21.6315	M	1.0
7	☐	50000.000	52147.729	2394471.65	42.3477	A	2.0
8	☐	250000.00	249314.64	10726462.04	200.9324	A	2.7

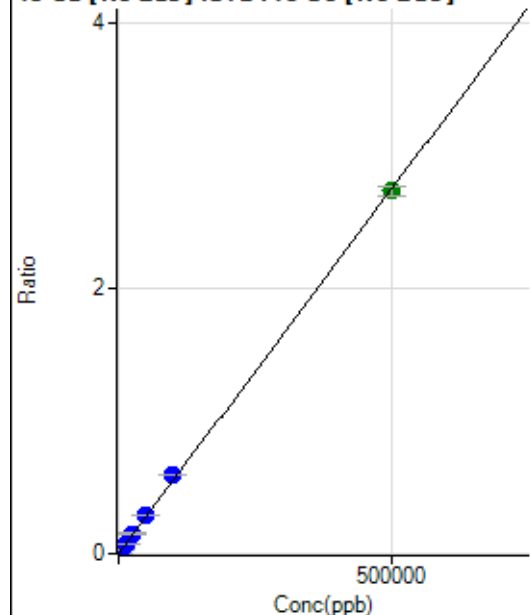
$$y = 8.0432\text{E-}004 * x + 0.4044$$

$$R = 0.9999$$

$$DL = 41.59$$

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	691.70	0.0004	P	4.6
2	☐	500.000	518.681	5226.07	0.0033	P	4.0
3	☐	5000.000	5360.583	47880.15	0.0299	P	1.7
4	☐	12500.000	13527.851	123552.66	0.0748	P	2.0
5	☐	25000.000	27604.659	247794.01	0.1523	P	1.0
6	☐	50000.000	52878.178	479328.09	0.2913	P	1.1
7	☐	100000.00	108549.69	944080.26	0.5974	P	0.4
8	☐	500000.00	497842.69	4258821.36	2.7385	A	2.3

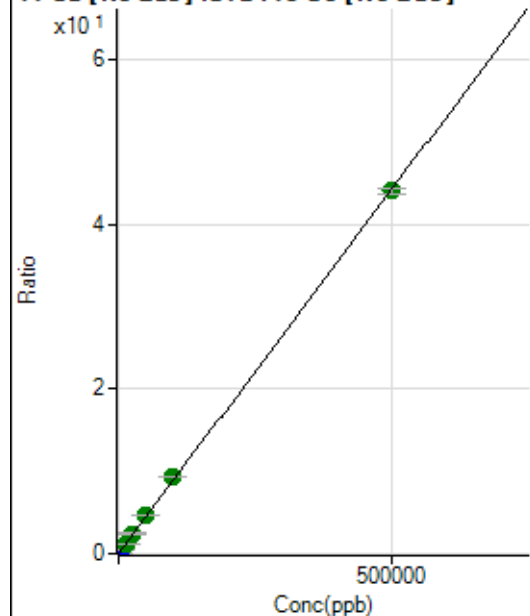
$$y = 5.4998\text{E-}006 * x + 4.4037\text{E-}004$$

$$R = 0.9998$$

$$DL = 10.95$$

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	26920.19	0.0172	P	2.2
2	☐	500.000	525.320	100883.46	0.0636	P	1.4
3	☐	5000.000	5458.312	798946.26	0.4993	P	2.1
4	☐	12500.000	13504.125	1997769.33	1.2101	A	0.2
5	☐	25000.000	27335.758	3957096.01	2.4319	A	2.0
6	☐	50000.000	52461.250	7655259.38	4.6514	A	0.7
7	☐	100000.00	106370.48	14874847.55	9.4136	A	0.8
8	☐	500000.00	498333.27	68489796.67	44.0384	A	1.9

$$y = 8.8337\text{E-}005 * x + 0.0172$$

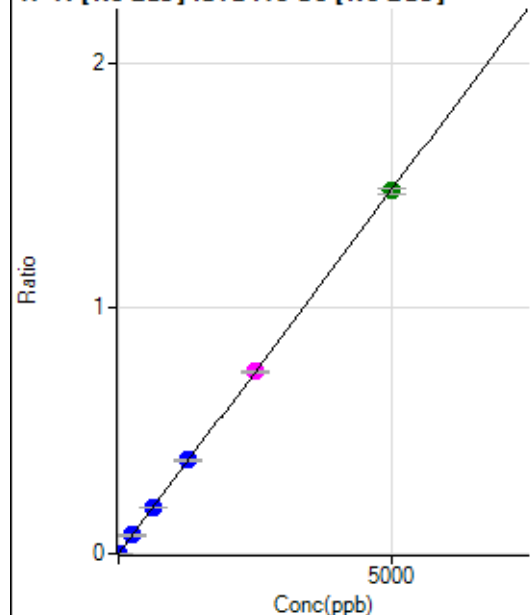
$$R = 0.9999$$

$$DL = 12.71$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.25	0.0003	P	21.8
2	☐	5.000	4.958	2858.69	0.0018	P	10.1
3	☐	250.000	252.328	120128.01	0.0751	P	2.8
4	☐	625.000	633.102	310191.15	0.1879	P	1.5
5	☐	1250.000	1288.309	621637.77	0.3820	P	1.3
6	☐	2500.000	2503.778	1221272.67	0.7421	M	0.8
7	☐	5000.000	4987.405	2335349.57	1.4779	A	1.4
8	☐			4539.73	0.0029	P	2.7

$$y = 2.9626\text{E-}004 * x + 3.3311\text{E-}004$$

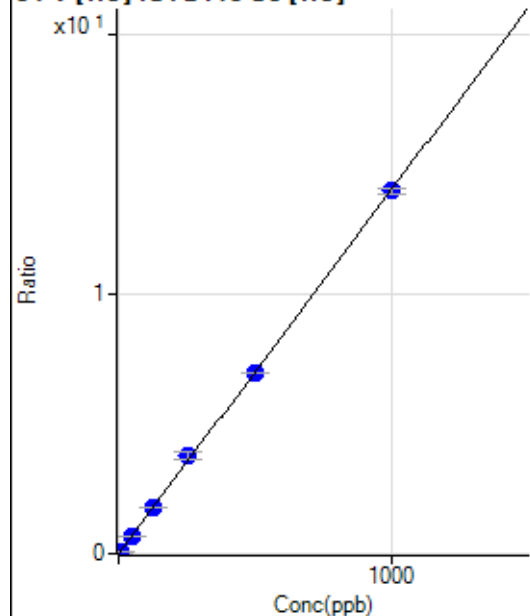
$$R = 1.0000$$

$$DL = 0.7338$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.45	0.0003	P	26.9
2	☐	5.000	5.024	4091.74	0.0707	P	3.7
3	☐	50.000	49.630	40887.20	0.6958	P	1.4
4	☐	125.000	125.764	104363.61	1.7627	P	1.9
5	☐	250.000	270.392	212332.01	3.7895	P	7.9
6	☐	500.000	496.028	405831.37	6.9516	P	0.4
7	☐	1000.000	996.811	789893.03	13.9695	P	1.9
8	☐			1580.11	0.0296	P	5.1

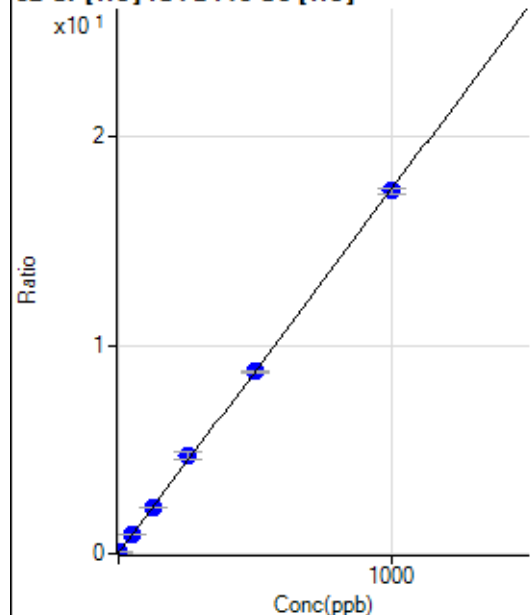
$$y = 0.0140 * x + 2.5354\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.0146$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1102.27	0.0193	P	2.2
2	☐	2.000	1.867	3008.13	0.0520	P	4.9
3	☐	50.000	50.107	52602.90	0.8951	P	1.4
4	☐	125.000	126.309	131857.61	2.2270	P	1.2
5	☐	250.000	270.588	266081.68	4.7487	P	8.0
6	☐	500.000	498.827	510110.61	8.7380	P	0.6
7	☐	1000.000	995.271	984736.83	17.4149	P	1.6
8	☐			26751.74	0.5012	P	3.5

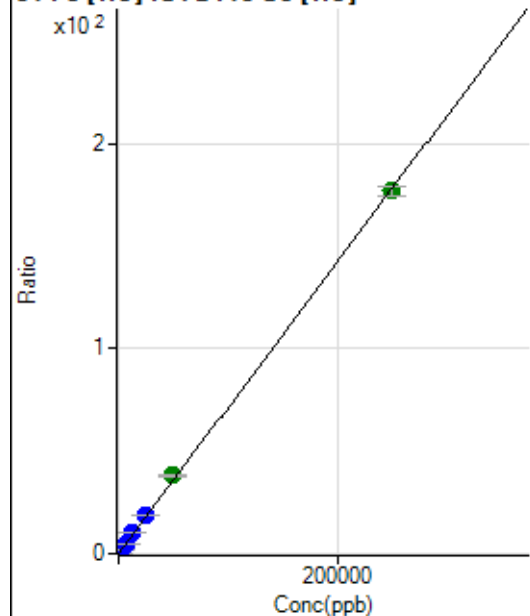
$$y = 0.0175 * x + 0.0193$$

$$R = 0.9998$$

$$DL = 0.07372$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	448.16	0.0079	P	11.8
2	☐	50.000	55.889	2761.43	0.0476	P	5.9
3	☐	2500.000	2673.384	112201.72	1.9092	P	0.6
4	☐	6250.000	6721.520	283493.23	4.7882	P	1.6
5	☐	12500.000	14398.908	574278.14	10.2483	P	7.6
6	☐	25000.000	26640.033	1106555.19	18.9542	P	0.1
7	☐	50000.000	53730.514	2161095.54	38.2209	A	2.1
8	☐	250000.00	248981.42	9453757.50	177.0831	A	2.4

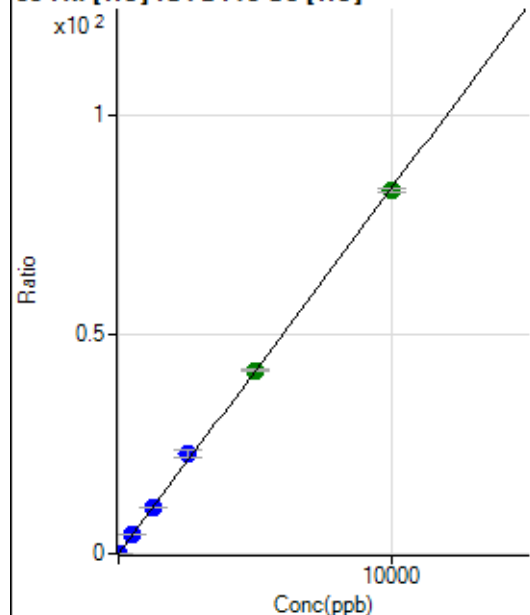
$$y = 7.1120E-004 * x + 0.0079$$

$$R = 0.9999$$

$$DL = 3.9$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	98.89	0.0017	P	14.5
2	☐	1.000	0.996	582.24	0.0100	P	9.4
3	☐	500.000	508.935	249477.49	4.2455	P	1.9
4	☐	1250.000	1277.071	630612.05	10.6505	P	0.9
5	☐	2500.000	2739.146	1279688.42	22.8420	P	8.3
6	☐	5000.000	5014.465	2441196.26	41.8147	A	0.6
7	☐	10000.000	9929.151	4682024.76	82.7956	A	0.9
8	☐			11566.98	0.2167	P	3.6

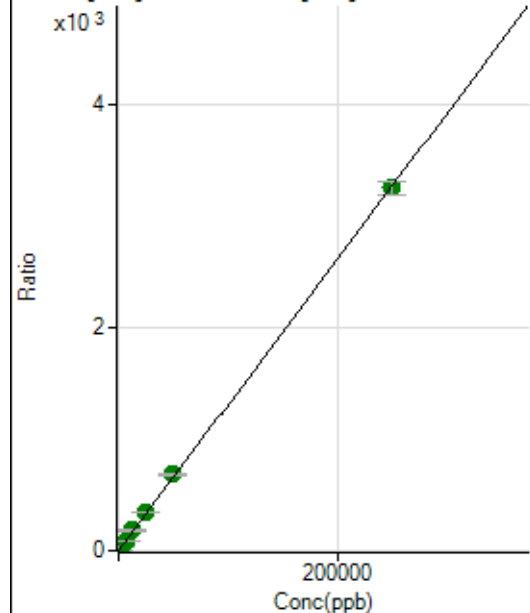
$$y = 0.0083 * x + 0.0017$$

$$R = 0.9997$$

$$DL = 0.09042$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2892.94	0.0507	P	3.2
2	☐	50.000	53.372	43314.02	0.7478	P	3.0
3	☐	2500.000	2652.965	2039281.43	34.6999	A	0.8
4	☐	6250.000	6617.546	5120578.30	86.4795	A	0.3
5	☐	12500.000	14243.957	10425940.74	186.0846	A	8.1
6	☐	25000.000	26019.860	19842826.37	339.8843	A	0.4
7	☐	50000.000	52410.000	38705599.01	684.5540	A	2.2
8	☐	250000.00	249318.09	173803768.7	3,256.281	A	3.5

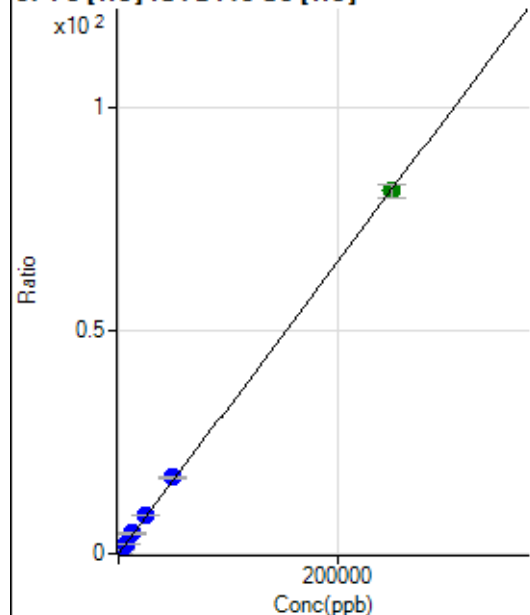
$$y = 0.0131 * x + 0.0507$$

$$R = 0.9999$$

$$DL = 0.3678$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	129.63	0.0023	P	16.6
2	☐	50.000	47.544	1029.68	0.0178	P	4.8
3	☐	2500.000	2626.870	50498.71	0.8593	P	1.5
4	☐	6250.000	6555.060	126765.24	2.1410	P	0.8
5	☐	12500.000	14297.602	261477.46	4.6671	P	8.1
6	☐	25000.000	26199.018	499137.75	8.5501	P	0.9
7	☐	50000.000	52247.416	963978.52	17.0487	P	2.0
8	☐	250000.00	249331.84	4341976.46	81.3502	A	3.6

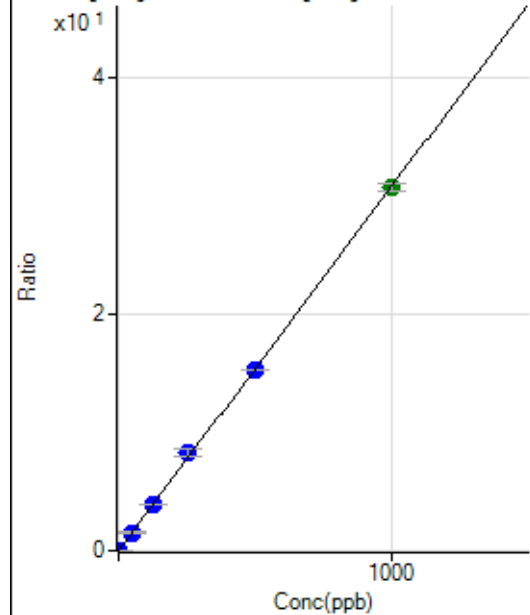
$$y = 3.2626\text{E-}004 * x + 0.0023$$

$$R = 0.9999$$

$$DL = 3.474$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.33	0.0013	P	27.8
2	☐	1.000	0.895	1672.34	0.0289	P	5.7
3	☐	50.000	50.030	90713.09	1.5436	P	1.4
4	☐	125.000	126.791	231513.55	3.9100	P	0.6
5	☐	250.000	270.974	468234.58	8.3549	P	7.4
6	☐	500.000	496.447	893539.05	15.3058	P	0.6
7	☐	1000.000	996.308	1736679.06	30.7155	A	2.2
8	☐			5576.70	0.1045	P	4.9

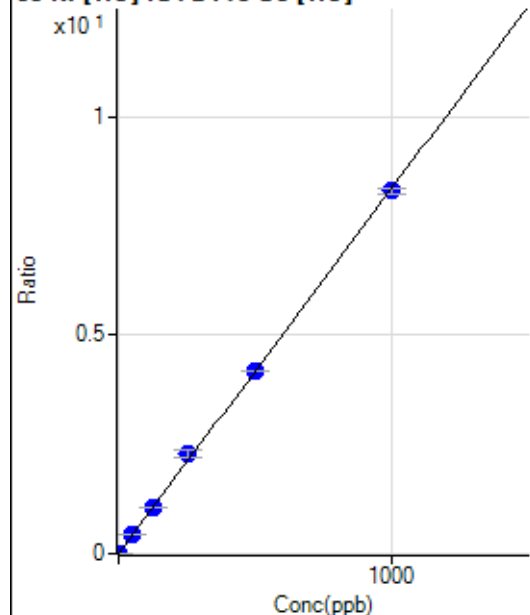
$$y = 0.0308 * x + 0.0013$$

$$R = 0.9997$$

$$DL = 0.0349$$

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	131.11	0.0023	P	37.7
2	☐	1.000	1.138	683.36	0.0118	P	7.9
3	☐	50.000	50.728	25057.70	0.4263	P	0.5
4	☐	125.000	126.802	62895.90	1.0623	P	1.1
5	☐	250.000	273.744	128347.34	2.2906	P	7.9
6	☐	500.000	499.709	243999.57	4.1795	P	0.1
7	☐	1000.000	993.947	469930.27	8.3110	P	1.9
8	☐			8461.46	0.1586	P	5.1

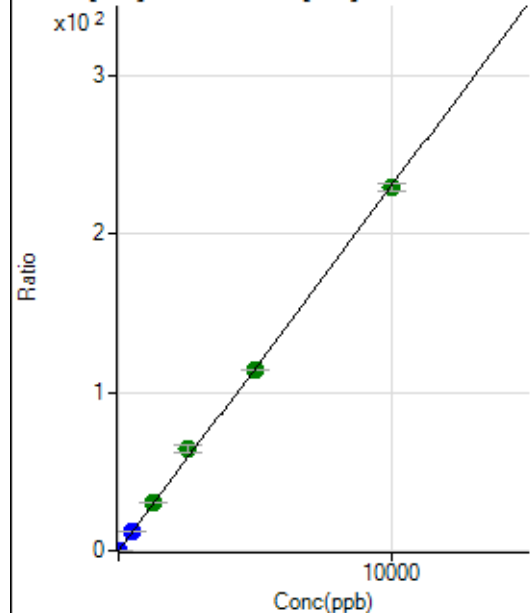
$$y = 0.0084 * x + 0.0023$$

$$R = 0.9997$$

$$DL = 0.311$$

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	442.23	0.0078	P	10.1
2	☐	2.000	2.104	3257.08	0.0562	P	3.6
3	☐	500.000	511.554	692949.09	11.7909	P	0.6
4	☐	1250.000	1300.212	1773801.54	29.9570	A	0.8
5	☐	2500.000	2778.143	3585616.96	63.9998	A	8.2
6	☐	5000.000	4958.807	6668632.19	114.2294	A	0.5
7	☐	10000.000	9944.207	12951883.28	229.0635	A	2.0
8	☐			26879.95	0.5037	P	4.1

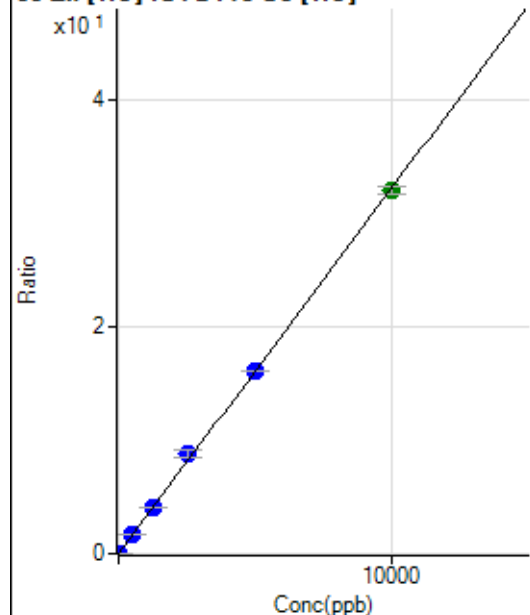
$$y = 0.0230 * x + 0.0078$$

$$R = 0.9996$$

$$DL = 0.1024$$

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	94.45	0.0017	P	6.8
2	☐	2.000	2.306	525.57	0.0091	P	5.2
3	☐	500.000	510.938	96724.67	1.6459	P	1.6
4	☐	1250.000	1278.893	243769.89	4.1172	P	1.3
5	☐	2500.000	2756.309	497185.98	8.8715	P	7.6
6	☐	5000.000	4998.938	939226.85	16.0884	P	0.5
7	☐	10000.000	9932.295	1807270.84	31.9640	A	2.2
8	☐			10652.98	0.1995	P	1.0

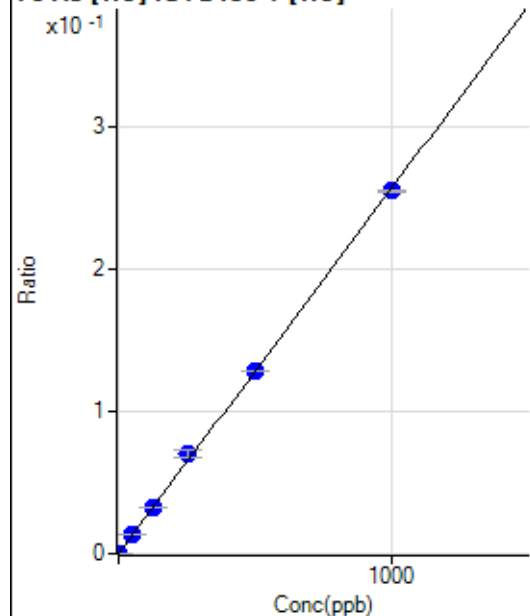
$$y = 0.0032 * x + 0.0017$$

$$R = 0.9996$$

$$DL = 0.1044$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	35.5
2	☐	1.000	1.032	138.68	0.0003	P	20.6
3	☐	50.000	50.880	6825.34	0.0131	P	1.9
4	☐	125.000	127.043	17263.25	0.0327	P	1.6
5	☐	250.000	271.947	35367.21	0.0699	P	7.4
6	☐	500.000	501.466	66879.22	0.1289	P	0.3
7	☐	1000.000	993.481	130808.56	0.2555	P	0.2
8	☐			257.70	0.0005	P	5.3

$$y = 2.5712E-004 * x + 6.5994E-006$$

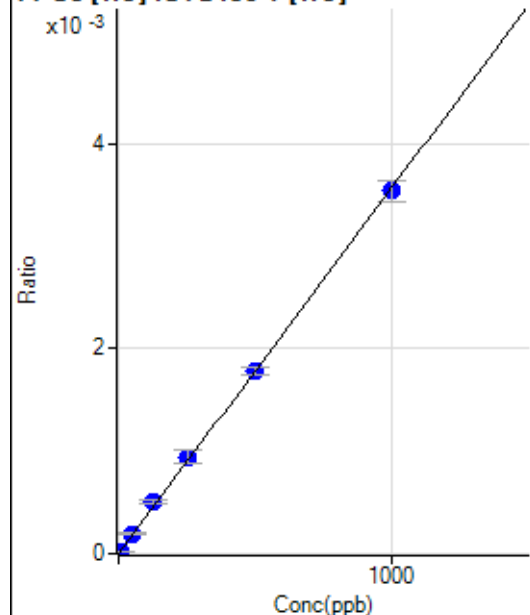
$$R = 0.9997$$

$$DL = 0.02732$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.034	11.11	0.0000	P	42.4
3	☐	50.000	54.373	101.11	0.0002	P	11.5
4	☐	125.000	142.147	267.78	0.0005	P	6.6
5	☐	250.000	265.535	477.79	0.0009	P	12.3
6	☐	500.000	502.197	928.93	0.0018	P	4.2
7	☐	1000.000	992.651	1812.36	0.0035	P	5.5
8	☐			5.56	0.0000	P	92.2

$$y = 3.5659\text{E-}006 * x + 0.0000\text{E+}000$$

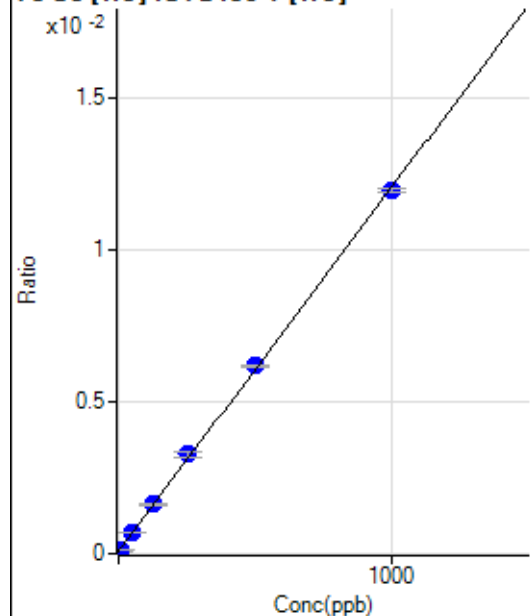
$$R = 0.9998$$

$$DL = 0$$

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	40.00	0.0001	P	7.5
2	☐	5.000	5.083	71.34	0.0001	P	15.2
3	☐	50.000	52.506	369.04	0.0007	P	3.0
4	☐	125.000	129.388	860.45	0.0016	P	2.3
5	☐	250.000	266.264	1653.93	0.0033	P	7.0
6	☐	500.000	509.397	3205.03	0.0062	P	1.0
7	☐	1000.000	990.561	6115.28	0.0119	P	1.0
8	☐			50.34	0.0001	P	9.4

$$y = 1.1976\text{E-}005 * x + 7.8931\text{E-}005$$

$$R = 0.9998$$

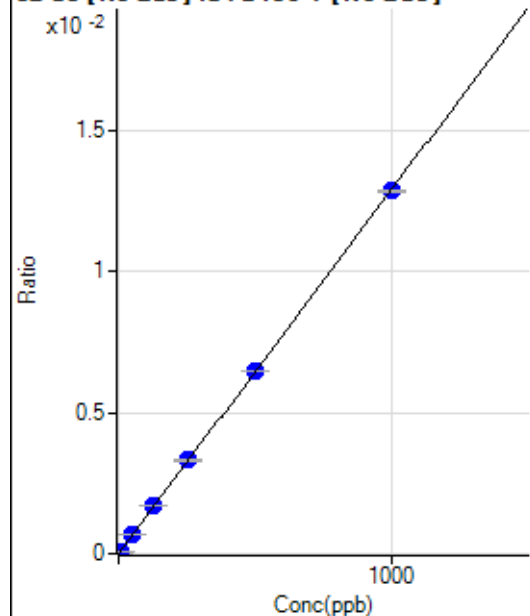
$$DL = 1.485$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2382.66		P	1.5
2	☐			2309.24		P	9.4
3	☐			2335.95		P	5.0
4	☐			2312.58		P	7.4
5	☐			2235.83		P	5.6
6	☐			2252.51		P	8.9
7	☐			2189.10		P	0.7
8	☐			2345.95		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-22.19	0.0000	P	-132.
2	☐	5.000	5.830	286.55	0.0001	P	6.9
3	☐	50.000	52.163	2769.29	0.0007	P	4.9
4	☐	125.000	130.699	7067.25	0.0017	P	1.1
5	☐	250.000	258.516	14227.05	0.0033	P	1.9
6	☐	500.000	500.561	27644.55	0.0064	P	0.1
7	☐	1000.000	996.766	53484.80	0.0128	P	0.8
8	☐			119.88	0.0000	P	22.9

$$y = 1.2894E-005 * x - 5.4559E-006$$

$$R = 1.0000$$

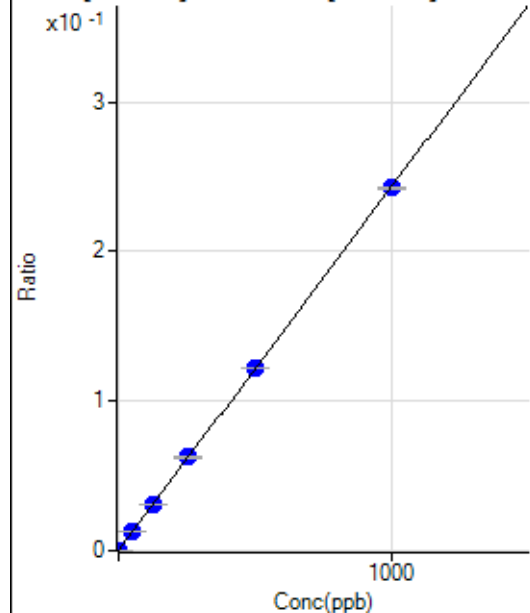
$$DL = 1.676$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			463.35		P	3.8
2	☐			456.68		P	2.9
3	☐			450.02		P	5.8
4	☐			461.12		P	2.5
5	☐			452.24		P	3.3
6	☐			471.12		P	13.7
7	☐			446.68		P	5.4
8	☐			412.23		P	6.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	780.60	0.0002	P	6.0
2	☐	1.000	0.914	1700.16	0.0004	P	3.4
3	☐	50.000	50.241	51481.43	0.0124	P	1.6
4	☐	125.000	127.708	131408.47	0.0312	P	1.0
5	☐	250.000	256.693	267602.98	0.0626	P	0.9
6	☐	500.000	501.712	523605.64	0.1221	P	0.9
7	☐	1000.000	997.120	1009926.09	0.2426	P	0.5
8	☐			4170.18	0.0010	P	2.0

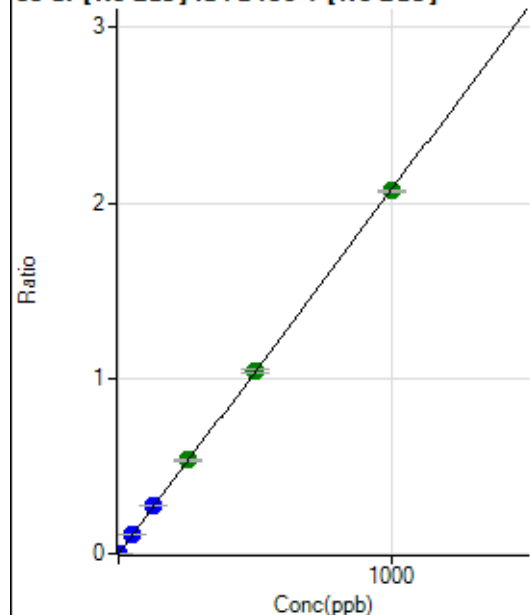
$$y = 2.4308\text{E-}004 * x + 1.9154\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1411$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.90	0.0000	P	22.1
2	☐	1.000	1.013	8797.41	0.0021	P	1.0
3	☐	50.000	51.574	444281.57	0.1070	P	0.2
4	☐	125.000	130.427	1138602.17	0.2706	P	0.9
5	☐	250.000	258.369	2291768.69	0.5361	A	2.1
6	☐	500.000	500.973	4455717.33	1.0394	A	1.4
7	☐	1000.000	996.664	8609176.93	2.0678	A	0.4
8	☐			30637.17	0.0075	P	3.3

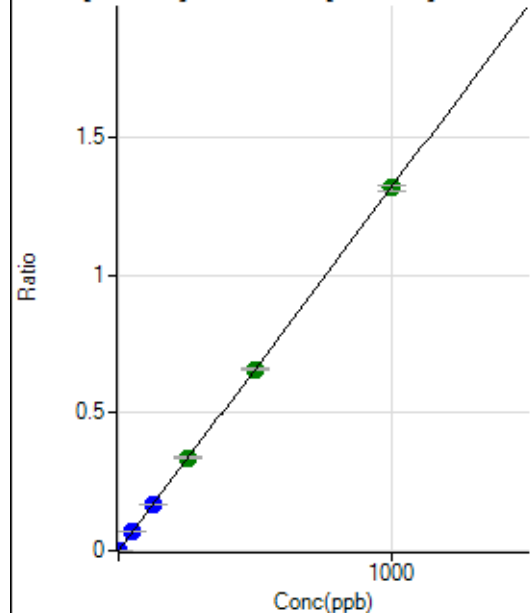
$$y = 0.0021 * x + 4.0262E-005$$

$$R = 1.0000$$

$$DL = 0.01287$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	25.6
2	☐	1.000	0.894	5006.60	0.0012	P	5.6
3	☐	50.000	51.119	279902.89	0.0674	P	1.6
4	☐	125.000	127.864	709471.41	0.1686	P	0.2
5	☐	250.000	255.654	1441589.24	0.3371	A	1.5
6	☐	500.000	499.831	2825430.44	0.6591	A	0.7
7	☐	1000.000	998.257	5480140.36	1.3163	A	1.2
8	☐			10134.52	0.0025	P	4.8

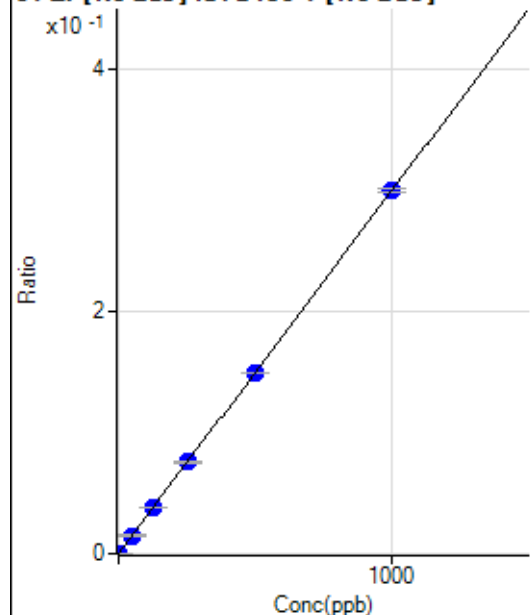
$$y = 0.0013 * x + 3.9526E-005$$

$$R = 1.0000$$

$$DL = 0.02306$$

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	52.78	0.0000	P	7.7
2	☐	1.000	0.997	1277.87	0.0003	P	8.4
3	☐	50.000	50.202	62443.07	0.0150	P	0.5
4	☐	125.000	125.355	157963.43	0.0375	P	0.3
5	☐	250.000	254.130	325406.08	0.0761	P	2.0
6	☐	500.000	496.933	637889.16	0.1488	P	0.3
7	☐	1000.000	1000.446	1247190.97	0.2996	P	1.0
8	☐			2269.68	0.0006	P	5.2

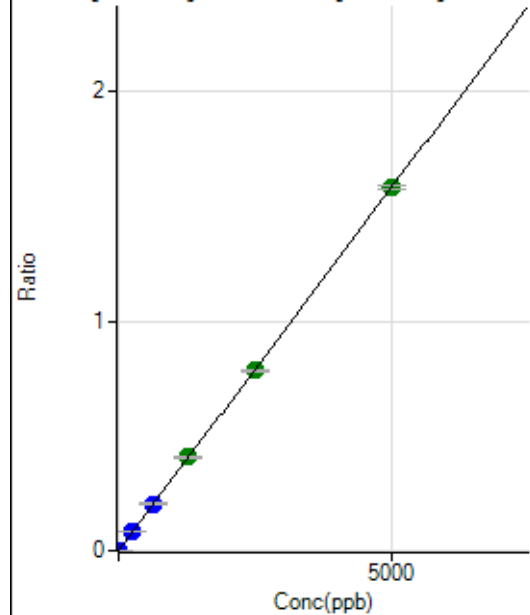
$$y = 2.9942\text{E-}004 * x + 1.2934\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01001$$

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	91.67	0.0000	P	39.6
2	☐	5.000	5.042	6646.20	0.0016	P	1.3
3	☐	250.000	255.192	335284.45	0.0808	P	1.3
4	☐	625.000	648.188	863124.40	0.2052	P	0.4
5	☐	1250.000	1290.188	1745875.73	0.4083	A	1.1
6	☐	2500.000	2481.745	3366953.20	0.7855	A	0.7
7	☐	5000.000	4995.922	6582615.12	1.5811	A	1.0
8	☐			14886.06	0.0037	P	2.6

$$y = 3.1648\text{E-}004 * x + 2.2472\text{E-}005$$

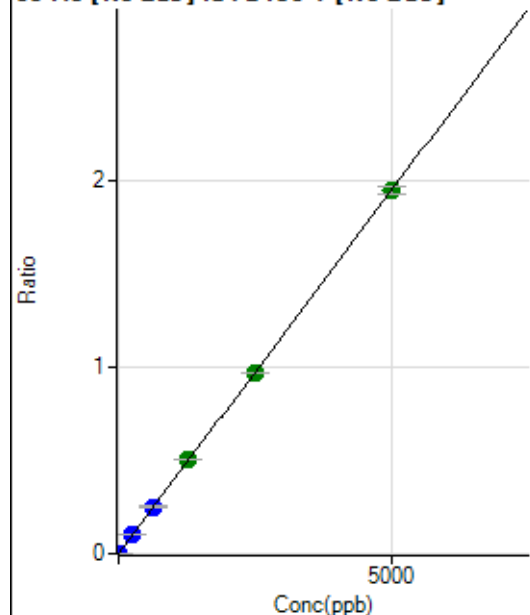
$$R = 0.9999$$

$$DL = 0.08426$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	66.7
2	☐	5.000	5.254	8427.77	0.0021	P	5.5
3	☐	250.000	255.964	413252.59	0.0996	P	2.1
4	☐	625.000	647.786	1060181.66	0.2520	P	0.7
5	☐	1250.000	1286.300	2139567.43	0.5004	A	0.2
6	☐	2500.000	2490.096	4152318.89	0.9687	A	0.4
7	☐	5000.000	4992.731	8085187.42	1.9422	A	2.1
8	☐			19764.53	0.0048	P	1.1

$$y = 3.8900\text{E-}004 * x + 8.8568\text{E-}006$$

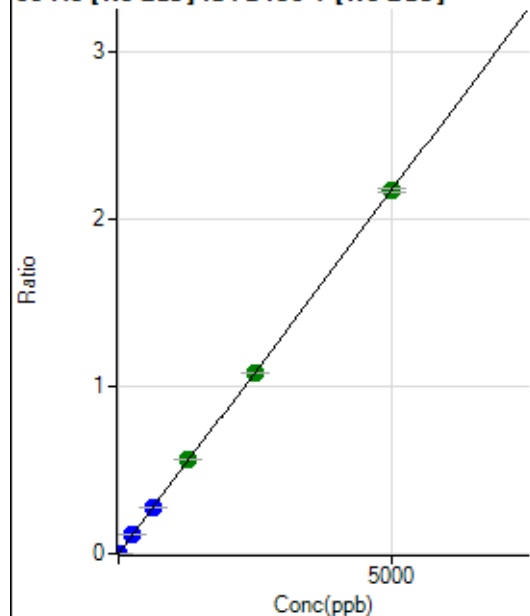
$$R = 1.0000$$

$$DL = 0.04554$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	22.7
2	☐	5.000	5.298	9550.75	0.0023	P	0.8
3	☐	250.000	254.377	458933.00	0.1106	P	1.3
4	☐	625.000	644.012	1177645.09	0.2799	P	1.0
5	☐	1250.000	1294.977	2406321.93	0.5628	A	1.0
6	☐	2500.000	2484.177	4628262.91	1.0797	A	0.6
7	☐	5000.000	4994.072	9036142.57	2.1705	A	1.2
8	☐			21920.66	0.0054	P	1.1

$$y = 4.3461\text{E-}004 * x + 2.2440\text{E-}005$$

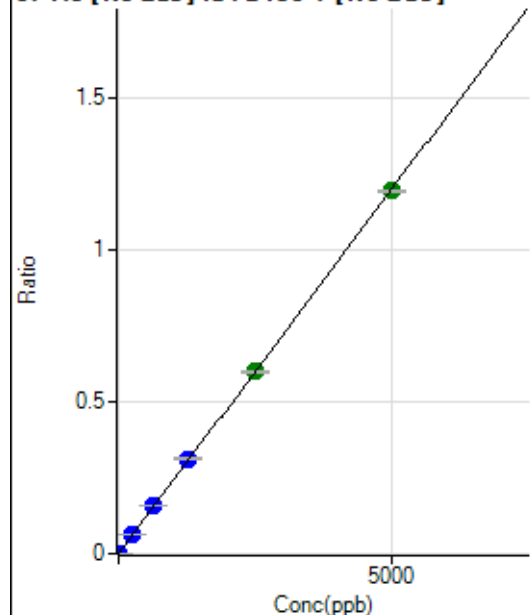
$$R = 0.9999$$

$$DL = 0.03517$$

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	8.33	0.0000	P	100.6
2	☐	5.000	5.261	5190.00	0.0013	P	3.4
3	☐	250.000	256.409	255247.91	0.0615	P	2.1
4	☐	625.000	652.476	658420.15	0.1565	P	0.9
5	☐	1250.000	1304.042	1337405.11	0.3128	P	0.6
6	☐	2500.000	2502.911	2573490.77	0.6003	A	1.0
7	☐	5000.000	4981.278	4974307.62	1.1948	A	0.4
8	☐			12405.87	0.0030	P	2.7

$$y = 2.3986E-004 * x + 2.0655E-006$$

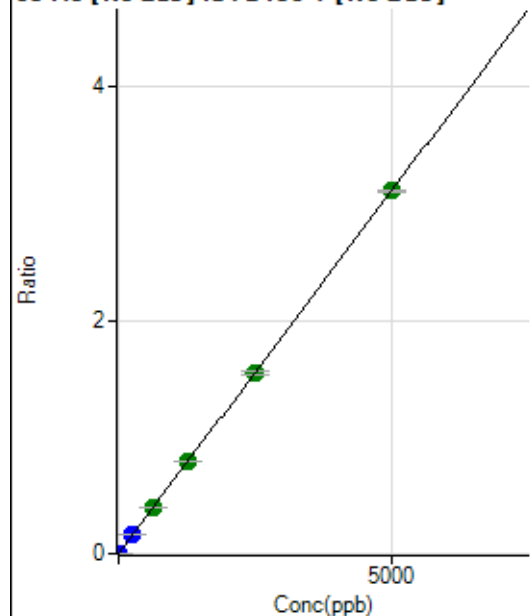
$$R = 0.9999$$

$$DL = 0.02598$$

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	19.45	0.0000	P	26.3
2	☐	5.000	5.344	13654.29	0.0033	P	1.4
3	☐	250.000	254.658	656535.06	0.1582	P	0.9
4	☐	625.000	646.402	1689185.41	0.4015	A	0.7
5	☐	1250.000	1265.592	3361101.99	0.7861	A	0.6
6	☐	2500.000	2485.915	6619094.07	1.5441	A	1.8
7	☐	5000.000	5000.236	12930757.58	3.1059	A	0.6
8	☐			31505.73	0.0077	P	2.1

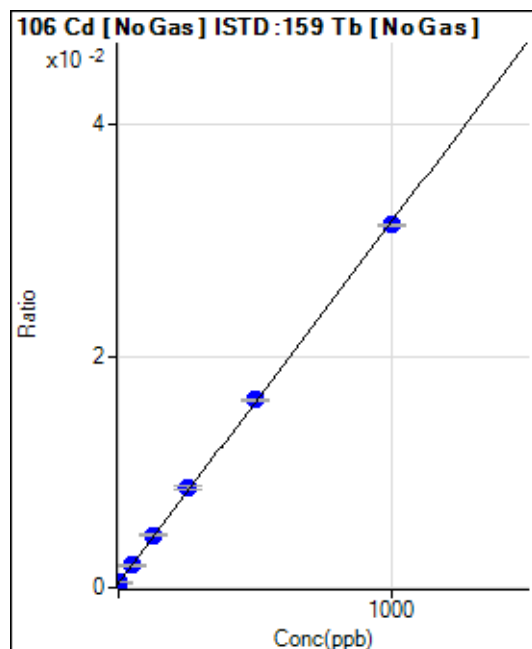
$$y = 6.2115E-004 * x + 4.7804E-006$$

$$R = 1.0000$$

$$DL = 0.006063$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1022.29	0.0004	P	3.1
2	☐	1.000	1.244	1141.74	0.0004	P	5.9
3	☐	50.000	49.302	5070.51	0.0019	P	3.2
4	☐	125.000	132.968	12316.92	0.0045	P	1.8
5	☐	250.000	266.358	23489.95	0.0087	P	3.8
6	☐	500.000	507.230	44533.60	0.0162	P	1.0
7	☐	1000.000	991.334	84326.65	0.0313	P	0.4
8	☐			1300.10	0.0005	P	5.4

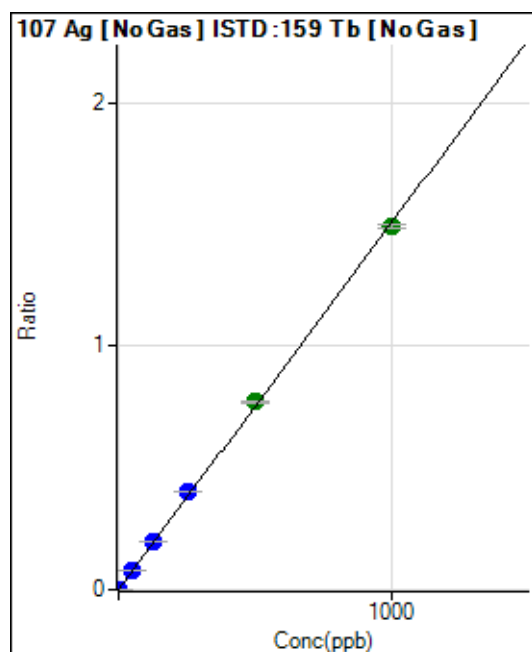
$$y = 3.1221\text{E-}005 * x + 3.9321\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.186$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	36.1
2	☐	1.000	1.004	4053.50	0.0015	P	10.5
3	☐	50.000	52.830	209044.17	0.0797	P	1.0
4	☐	125.000	131.806	538624.78	0.1988	P	0.7
5	☐	250.000	267.528	1088058.17	0.4034	P	1.5
6	☐	500.000	511.236	2115361.85	0.7709	A	0.8
7	☐	1000.000	989.008	4012150.65	1.4913	A	1.0
8	☐			7741.28	0.0029	P	1.6

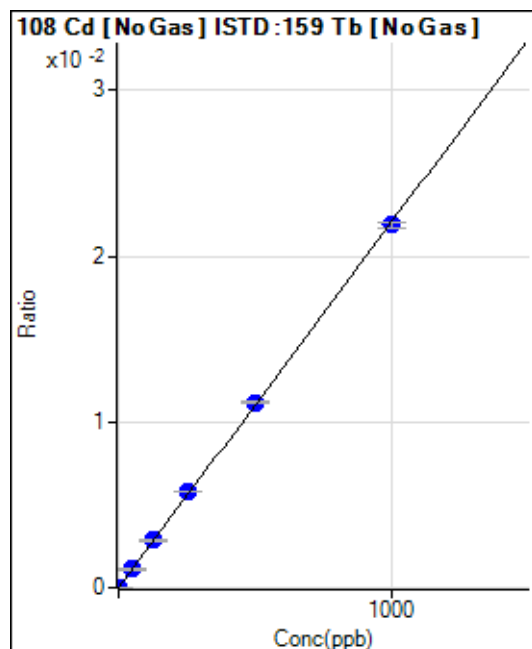
$$y = 0.0015 * x + 2.0283\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.01457$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	49.1
2	☐	1.000	0.880	61.11	0.0000	P	19.7
3	☐	50.000	49.987	2900.34	0.0011	P	4.0
4	☐	125.000	128.803	7700.85	0.0028	P	3.3
5	☐	250.000	262.430	15610.34	0.0058	P	1.1
6	☐	500.000	507.405	30693.91	0.0112	P	0.2
7	☐	1000.000	992.715	58865.11	0.0219	P	1.3
8	☐			134.72	0.0001	P	14.4

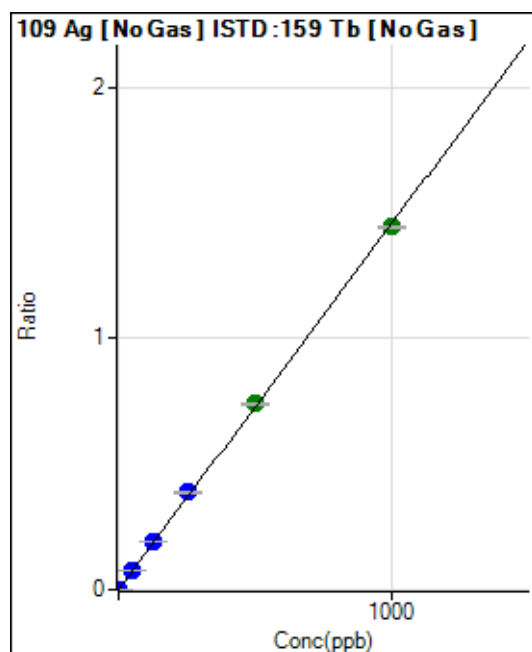
$$y = 2.2037\text{E-}005 * x + 3.7312\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.2493$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.0
2	☐	1.000	0.968	3747.83	0.0014	P	7.6
3	☐	50.000	51.874	198273.18	0.0756	P	1.8
4	☐	125.000	129.528	511333.94	0.1887	P	0.8
5	☐	250.000	265.438	1043040.88	0.3867	P	2.1
6	☐	500.000	507.721	2029569.25	0.7396	A	0.3
7	☐	1000.000	991.620	3886314.02	1.4445	A	0.9
8	☐			6988.07	0.0027	P	2.1

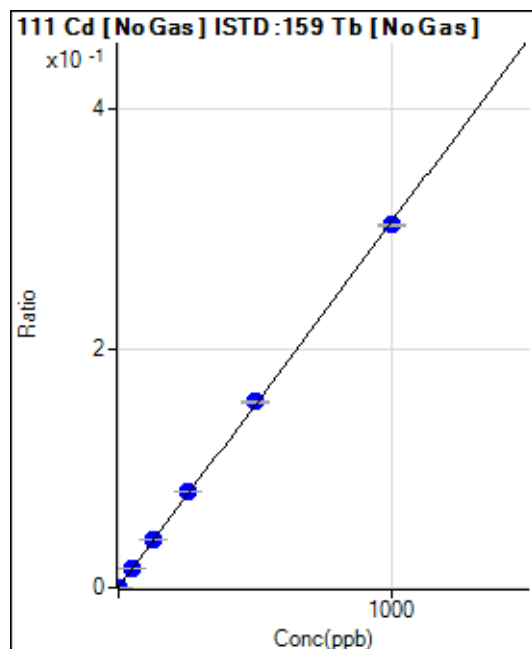
$$y = 0.0015 * x + 8.5514\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.003866$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	712.96	0.0003	P	3.5
2	☐	1.000	1.025	1552.30	0.0006	P	3.5
3	☐	50.000	51.598	42084.32	0.0160	P	1.3
4	☐	125.000	130.560	108850.23	0.0402	P	1.1
5	☐	250.000	262.787	217354.39	0.0806	P	1.0
6	☐	500.000	507.470	426254.04	0.1553	P	0.5
7	☐	1000.000	992.293	816486.16	0.3035	P	0.8
8	☐			2311.70	0.0009	P	7.4

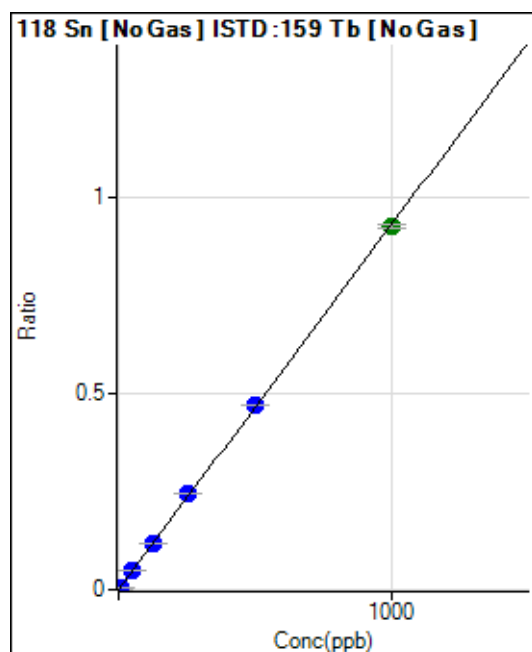
$$y = 3.0557\text{E-}004 * x + 2.7424\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.09499$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	377.79	0.0001	P	12.1
2	☐	5.000	5.075	12836.85	0.0049	P	3.2
3	☐	50.000	51.209	125163.06	0.0477	P	1.4
4	☐	125.000	128.121	322867.97	0.1191	P	0.2
5	☐	250.000	261.944	656716.82	0.2434	P	0.4
6	☐	500.000	505.907	1289747.64	0.4700	P	0.6
7	☐	1000.000	993.609	2483171.65	0.9230	A	1.0
8	☐			6151.55	0.0023	P	4.0

$$y = 9.2879\text{E-}004 * x + 1.4530\text{E-}004$$

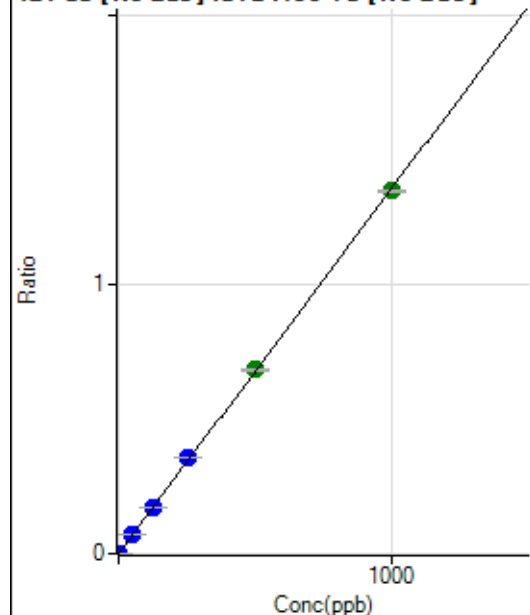
$$R = 0.9999$$

$$DL = 0.05683$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	97.1
2	☐	2.000	1.937	6951.94	0.0026	P	1.2
3	☐	50.000	51.359	182328.33	0.0695	P	0.8
4	☐	125.000	127.888	468900.59	0.1730	P	0.5
5	☐	250.000	262.284	957360.18	0.3549	P	0.7
6	☐	500.000	504.188	1871871.14	0.6821	A	1.4
7	☐	1000.000	994.406	3619609.63	1.3454	A	0.3
8	☐			8152.68	0.0031	P	1.9

$$y = 0.0014 * x + 1.0730E-005$$

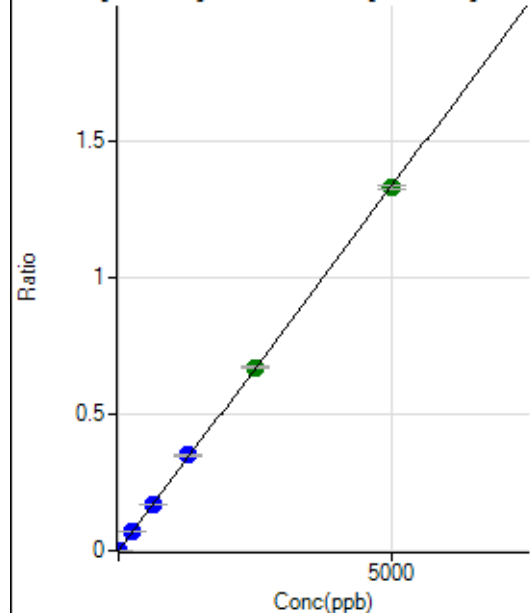
$$R = 0.9999$$

$$DL = 0.02309$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	58.7
2	☐	10.000	9.677	6868.59	0.0026	P	2.1
3	☐	250.000	257.152	180282.39	0.0687	P	0.8
4	☐	625.000	641.252	464302.59	0.1713	P	0.3
5	☐	1250.000	1308.491	942959.25	0.3496	P	1.2
6	☐	2500.000	2513.492	1842729.32	0.6715	A	0.7
7	☐	5000.000	4976.243	3576782.72	1.3295	A	1.1
8	☐			11866.63	0.0045	P	1.3

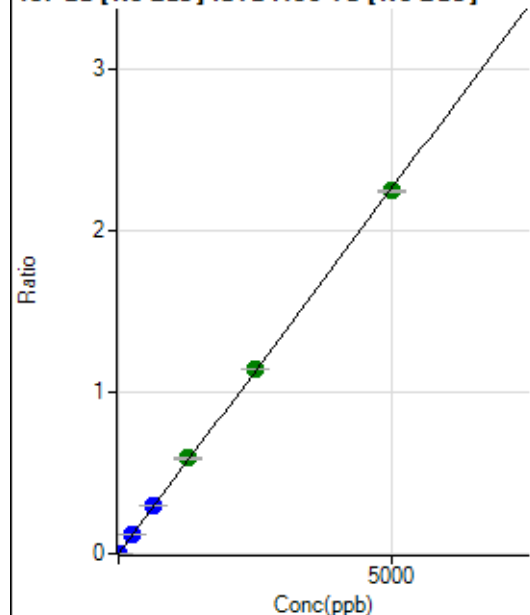
$$y = 2.6716E-004 * x + 1.3922E-005$$

$$R = 0.9999$$

$$DL = 0.09178$$

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	66.67	0.0000	P	21.1
2	☐	10.000	10.163	12216.94	0.0046	P	2.3
3	☐	250.000	260.871	309692.99	0.1180	P	1.7
4	☐	625.000	650.451	797465.09	0.2943	P	0.8
5	☐	1250.000	1310.963	1599811.81	0.5931	A	1.6
6	☐	2500.000	2526.222	3136206.71	1.1429	A	0.5
7	☐	5000.000	4967.923	6046743.97	2.2475	A	0.8
8	☐			20605.06	0.0078	P	1.8

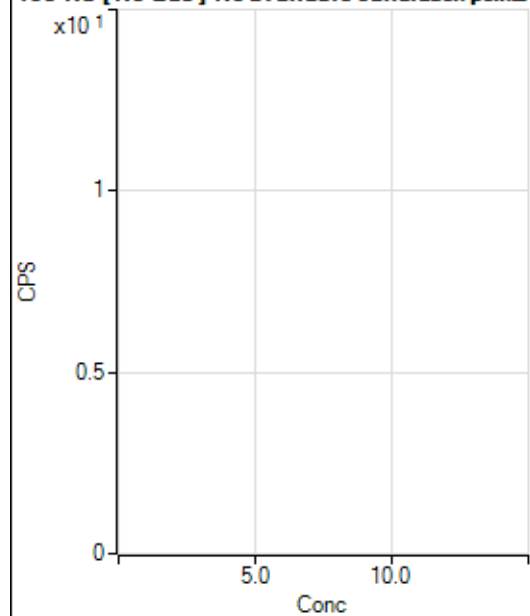
$$y = 4.5240E-004 * x + 2.5615E-005$$

$$R = 0.9999$$

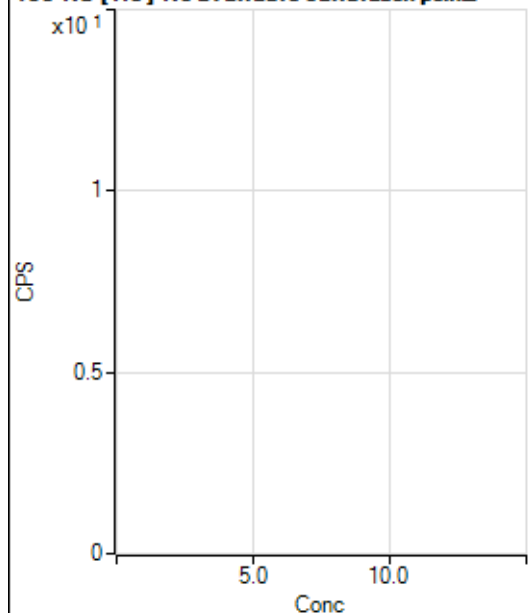
$$DL = 0.0358$$

Weight: <None>

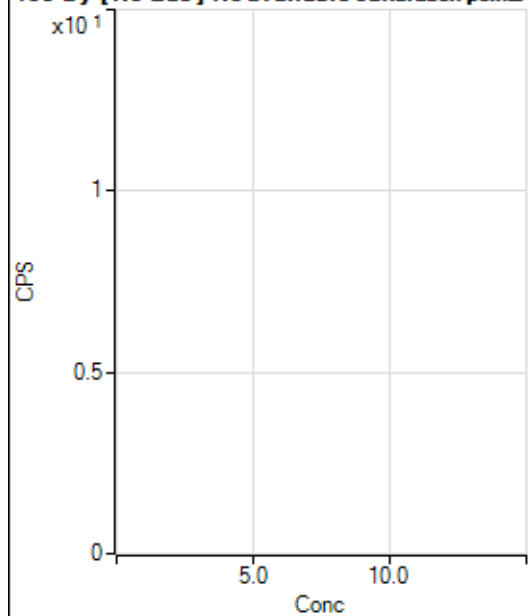
Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.44		P	173.2
2	☐			2.22		P	173.2
3	☐			20.00		P	0.0
4	☐			15.55		P	24.8
5	☐			33.33		P	20.0
6	☐			62.22		P	16.4
7	☐			113.34		P	15.6
8	☐			42.22		P	32.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			0.00		P	
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			7.78		P	173.2
6	☐			6.67		P	50.0
7	☐			10.00		P	57.7
8	☐			8.89		P	43.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			11.11		P	43.3
3	☐			0.00		P	
4	☐			8.33		P	100.0
5	☐			16.67		P	50.0
6	☐			33.33		P	66.1
7	☐			58.34		P	49.5
8	☐			175.01		P	16.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	173.2
3	☐			4.44		P	43.4
4	☐			5.56		P	91.6
5	☐			12.22		P	15.7
6	☐			13.33		P	66.2
7	☐			31.11		P	16.4
8	☐			90.00		P	9.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐			27.78		P	86.6
3	☐			33.33		P	66.1
4	☐			44.45		P	39.0
5	☐			41.67		P	20.0
6	☐			50.00		P	76.4
7	☐			72.22		P	43.7
8	☐			194.45		P	10.8

160 Gd [He] No available calibration points

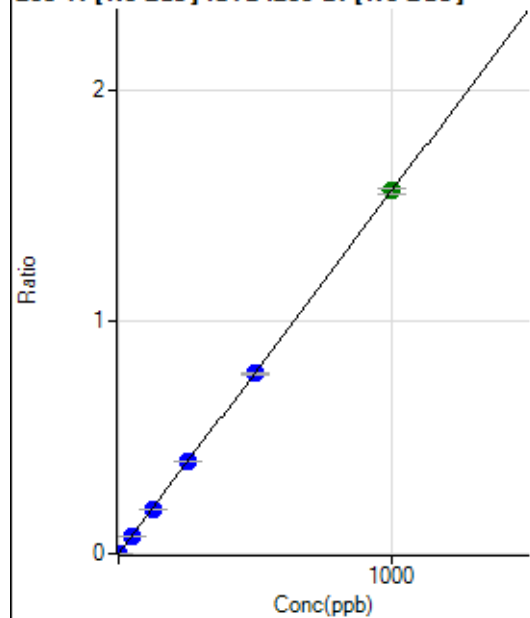
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	NaN
2	☐			13.33		P	75.0
3	☐			10.00		P	66.7
4	☐			12.22		P	103.3
5	☐			16.67		P	40.0
6	☐			23.33		P	86.9
7	☐			34.44		P	53.3
8	☐			105.56		P	39.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			30.56		P	41.7
3	☐			16.67		P	50.0
4	☐			19.44		P	65.5
5	☐			13.89		P	124.9
6	☐			25.00		P	66.7
7	☐			38.89		P	32.7
8	☐			19.44		P	49.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			3.33		P	100.1
3	☐			2.22		P	86.6
4	☐			7.78		P	107.8
5	☐			5.56		P	91.6
6	☐			17.78		P	57.3
7	☐			7.78		P	65.5
8	☐			17.78		P	78.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	32.8
2	☐	1.000	0.937	2341.94	0.0015	P	4.0
3	☐	50.000	50.125	121593.78	0.0785	P	0.9
4	☐	125.000	123.902	310378.37	0.1939	P	0.1
5	☐	250.000	255.646	640007.29	0.4000	P	0.7
6	☐	500.000	496.019	1250648.89	0.7760	P	1.3
7	☐	1000.000	1000.710	2466859.80	1.5655	A	1.6
8	☐			5140.05	0.0035	P	5.0

$$y = 0.0016 * x + 4.3681E-005$$

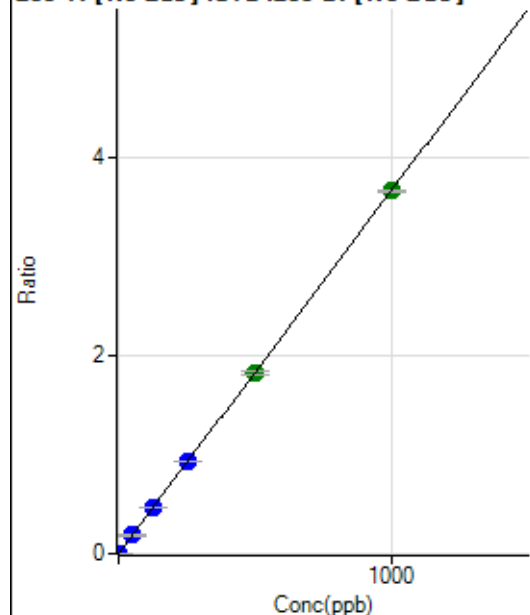
$$R = 1.0000$$

$$DL = 0.0275$$

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	172.23	0.0001	P	15.6
2	☐	1.000	0.942	5540.22	0.0036	P	2.6
3	☐	50.000	50.286	286210.66	0.1847	P	1.1
4	☐	125.000	126.143	741348.57	0.4631	P	0.3
5	☐	250.000	256.227	1504749.97	0.9405	P	0.2
6	☐	500.000	498.736	2950365.15	1.8305	A	2.5
7	☐	1000.000	998.918	5776787.84	3.6663	A	0.3
8	☐			12389.64	0.0084	P	3.5

$$y = 0.0037 * x + 1.1290E-004$$

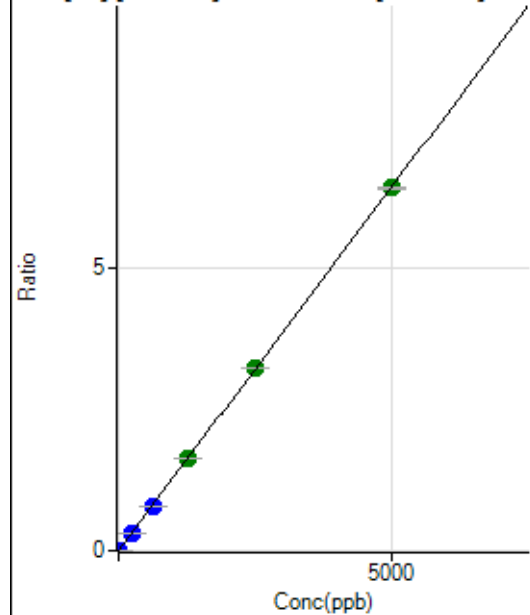
$$R = 1.0000$$

$$DL = 0.01438$$

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	220.38	0.0001	P	8.1
2	☐	1.000	0.924	2070.58	0.0013	P	8.4
3	☐	250.000	242.436	483956.48	0.3123	P	0.2
4	☐	625.000	607.633	1252643.11	0.7824	P	0.9
5	☐	1250.000	1271.967	2619741.79	1.6377	A	1.5
6	☐	2500.000	2512.814	5214296.01	3.2352	A	0.2
7	☐	5000.000	4990.650	10123928.35	6.4252	A	0.5
8	☐			25614.41	0.0173	P	0.8

$$y = 0.0013 * x + 1.4447E-004$$

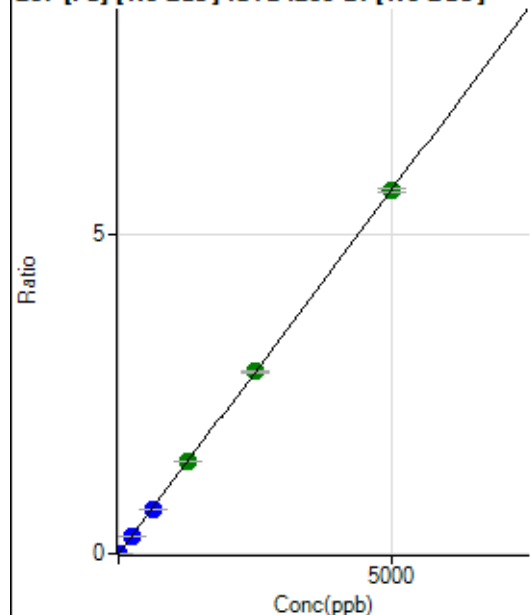
$$R = 1.0000$$

$$DL = 0.0274$$

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	174.08	0.0001	P	17.7
2	☐	1.000	0.912	1789.05	0.0012	P	5.0
3	☐	250.000	246.284	434986.39	0.2807	P	1.2
4	☐	625.000	618.380	1128000.27	0.7045	P	0.9
5	☐	1250.000	1271.189	2317077.92	1.4482	A	0.1
6	☐	2500.000	2510.665	4609719.14	2.8602	A	1.2
7	☐	5000.000	4990.384	8957334.92	5.6850	A	1.2
8	☐			22866.70	0.0155	P	1.6

$$y = 0.0011 * x + 1.1413E-004$$

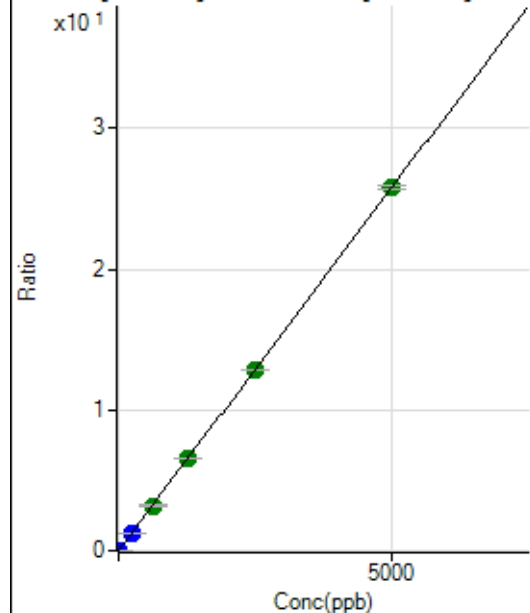
$$R = 1.0000$$

$$DL = 0.05315$$

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	892.62	0.0006	P	2.7
2	☐	1.000	0.917	8243.79	0.0053	P	1.6
3	☐	250.000	245.798	1964249.96	1.2674	P	0.6
4	☐	625.000	621.658	5130593.07	3.2046	A	0.8
5	☐	1250.000	1268.901	10463539.21	6.5404	A	0.7
6	☐	2500.000	2491.730	20698753.59	12.8427	A	0.6
7	☐	5000.000	5000.037	40604135.74	25.7703	A	1.1
8	☐			103756.03	0.0701	P	1.0

$$y = 0.0052 * x + 5.8511E-004$$

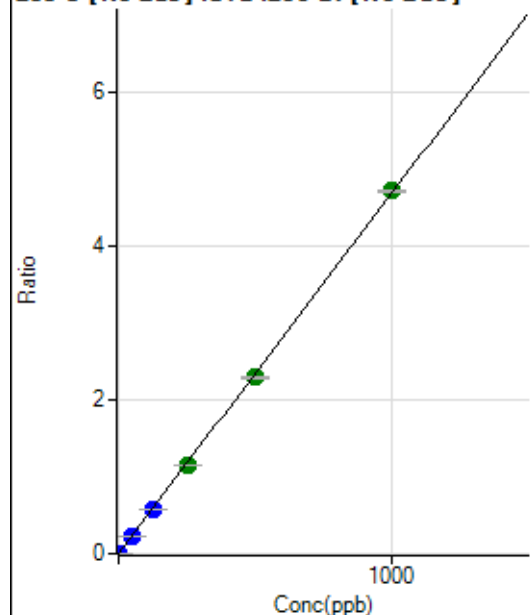
$$R = 1.0000$$

$$DL = 0.009115$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.2
2	☐	1.000	0.940	6843.70	0.0044	P	3.9
3	☐	50.000	47.703	346850.82	0.2238	P	0.7
4	☐	125.000	120.782	907169.73	0.5666	P	0.2
5	☐	250.000	246.188	1848020.53	1.1550	A	0.4
6	☐	500.000	489.267	3699477.03	2.2954	A	0.6
7	☐	1000.000	1006.962	7443564.84	4.7241	A	0.4
8	☐			13132.11	0.0089	P	3.8

$$y = 0.0047 * x + 1.8262E-006$$

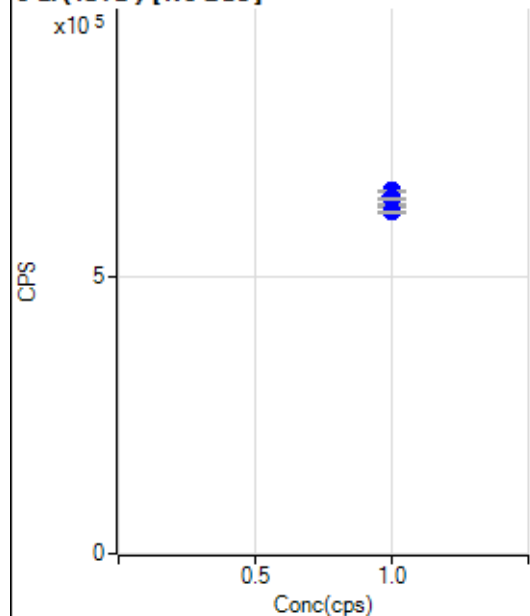
$$R = 0.9999$$

$$DL = 0.002023$$

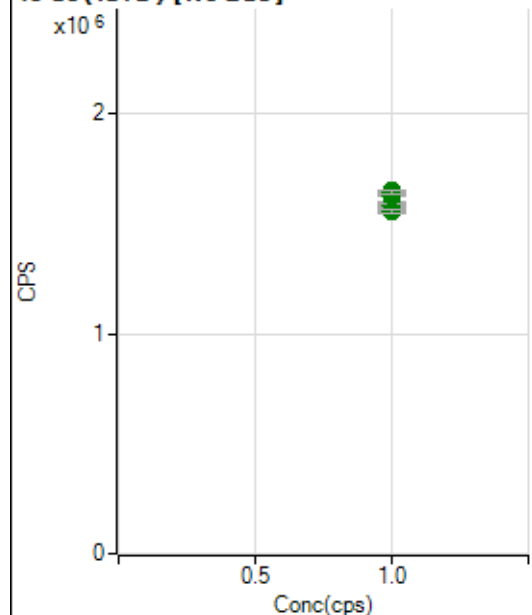
Weight: <None>

Min Conc: 0

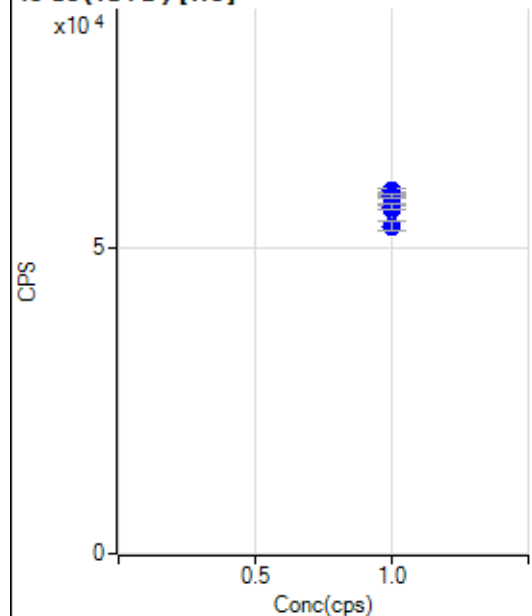
6 Li (ISTD) [No Gas]



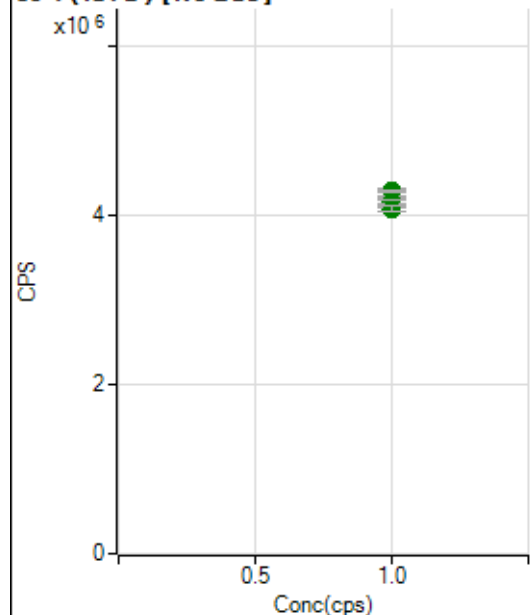
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		625310.91		P	0.3
2	☐	1.000		630041.88		P	0.5
3	☐	1.000		631247.86		P	0.7
4	☐	1.000		655075.58		P	0.7
5	☐	1.000		646925.92		P	2.8
6	☐	1.000		654309.40		P	0.3
7	☐	1.000		641257.66		P	0.6
8	☐	1.000		616918.82		P	0.9

45 Sc (ISTD) [No Gas]

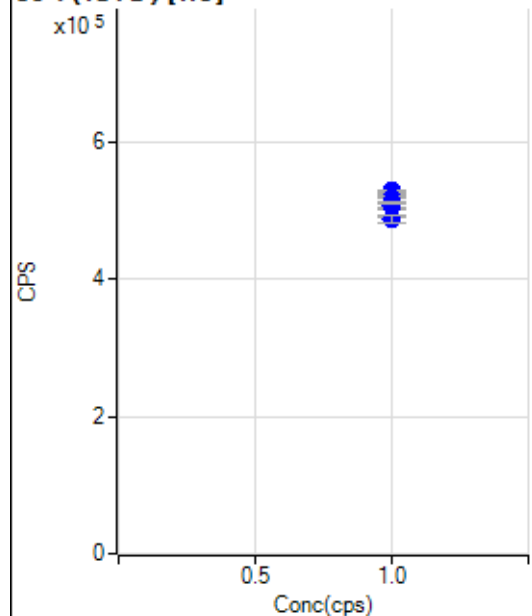
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1569899.78		A	1.8
2	☐	1.000		1587401.52		A	0.9
3	☐	1.000		1600653.26		A	2.8
4	☐	1.000		1650969.83		A	0.6
5	☐	1.000		1627654.16		A	3.0
6	☐	1.000		1645749.51		A	0.6
7	☐	1.000		1580243.03		A	1.2
8	☐	1.000		1555459.68		A	1.4

45 Sc (ISTD) [He]

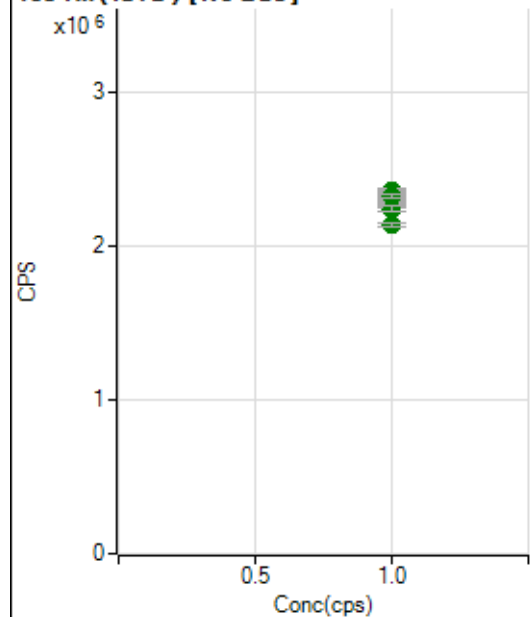
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		57011.57		P	0.6
2	☐	1.000		57964.23		P	3.9
3	☐	1.000		58772.85		P	1.3
4	☐	1.000		59212.49		P	0.9
5	☐	1.000		56212.41		P	6.3
6	☐	1.000		58380.17		P	0.6
7	☐	1.000		56555.18		P	1.7
8	☐	1.000		53410.09		P	2.9

89 Y (ISTD) [No Gas]

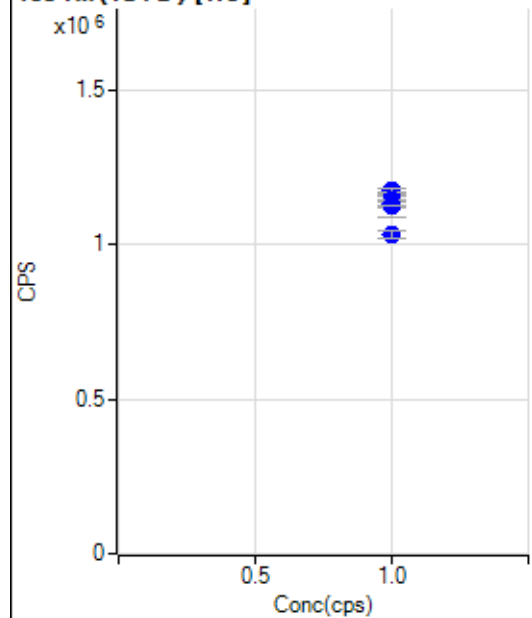
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4077949.11		A	1.6
2	☐	1.000		4107705.60		A	1.4
3	☐	1.000		4150664.59		A	1.2
4	☐	1.000		4207052.16		A	0.4
5	☐	1.000		4275779.97		A	1.9
6	☐	1.000		4286702.89		A	0.2
7	☐	1.000		4163419.62		A	1.1
8	☐	1.000		4076273.24		A	1.8

89 Y (ISTD) [He]

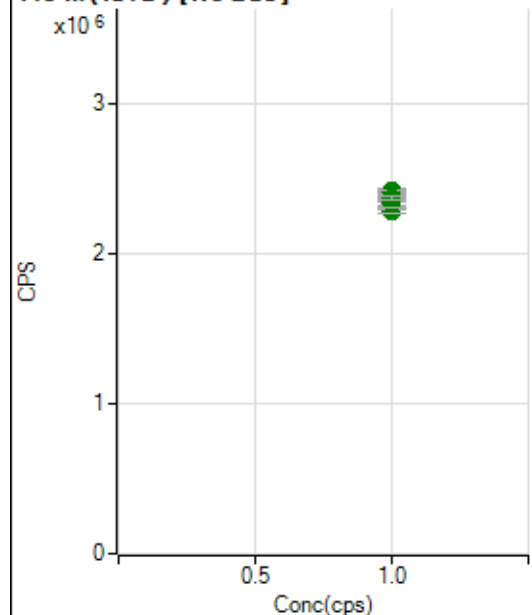
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		506507.83		P	1.5
2	☐	1.000		512258.47		P	3.8
3	☐	1.000		521453.13		P	0.3
4	☐	1.000		528417.22		P	0.7
5	☐	1.000		507399.98		P	6.8
6	☐	1.000		518668.20		P	0.5
7	☐	1.000		512064.19		P	0.6
8	☐	1.000		488493.82		P	2.3

103 Rh (ISTD) [No Gas]

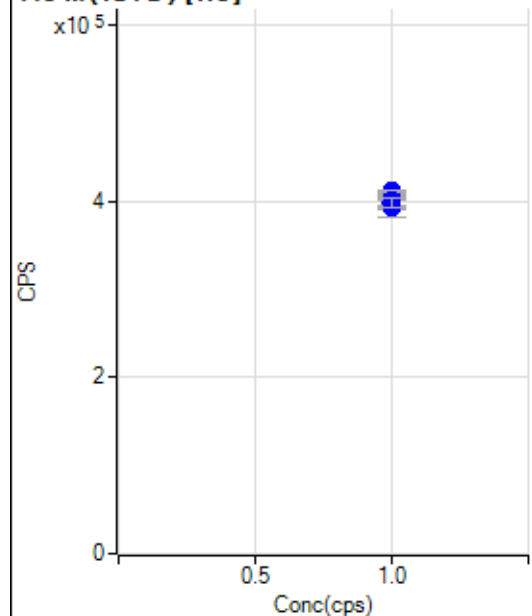
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2234030.58		A	1.3
2	☐	1.000		2312516.94		A	0.9
3	☐	1.000		2280789.77		A	0.4
4	☐	1.000		2357424.03		A	1.0
5	☐	1.000		2327541.13		A	3.1
6	☐	1.000		2325322.40		A	0.7
7	☐	1.000		2240753.85		A	1.9
8	☐	1.000		2137441.56		A	1.3

103 Rh (ISTD) [He]

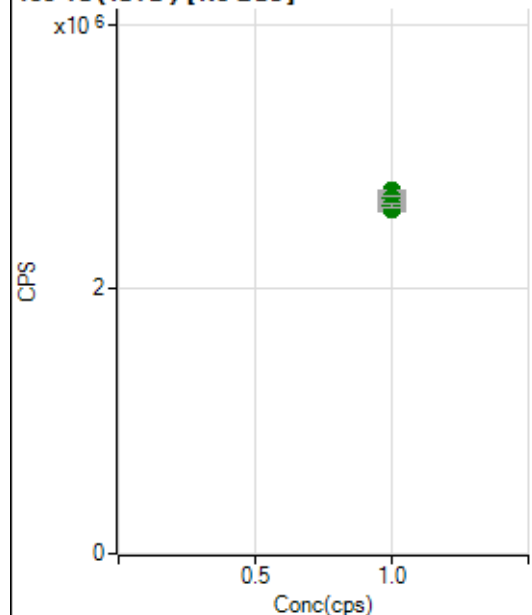
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1136765.54		P	1.7
2	☐	1.000		1141742.68		P	3.4
3	☐	1.000		1166497.96		P	0.2
4	☐	1.000		1174716.19		P	0.9
5	☐	1.000		1131035.07		P	6.9
6	☐	1.000		1143343.62		P	0.4
7	☐	1.000		1127513.75		P	0.3
8	☐	1.000		1035795.61		P	2.3

115 In (ISTD) [No Gas]

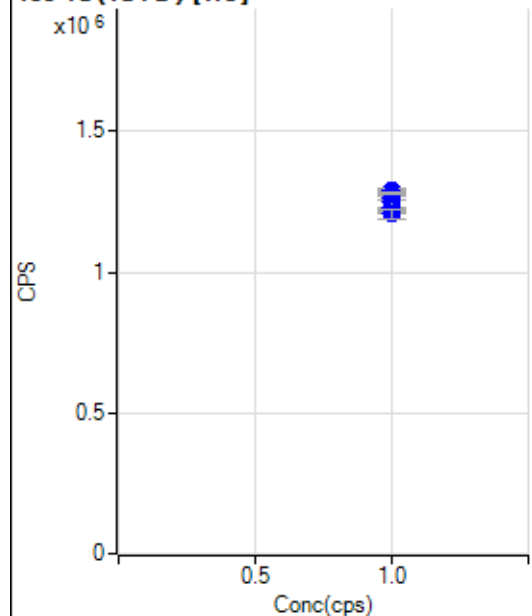
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2275932.58		A	1.2
2	☐	1.000		2363680.79		A	1.2
3	☐	1.000		2340732.15		A	1.8
4	☐	1.000		2416686.56		A	0.9
5	☐	1.000		2397314.83		A	2.2
6	☐	1.000		2408212.79		A	0.8
7	☐	1.000		2329976.45		A	2.0
8	☐	1.000		2373638.54		A	1.1

115 In (ISTD) [He]

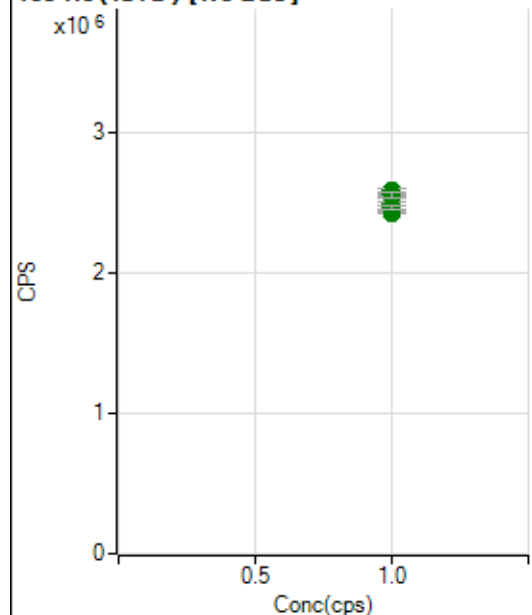
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		392496.13		P	1.3
2	☐	1.000		399156.22		P	2.8
3	☐	1.000		406852.48		P	0.7
4	☐	1.000		411362.08		P	0.6
5	☐	1.000		395806.01		P	6.7
6	☐	1.000		402021.97		P	0.1
7	☐	1.000		392143.38		P	0.0
8	☐	1.000		397792.12		P	2.6

159 Tb (ISTD) [No Gas]

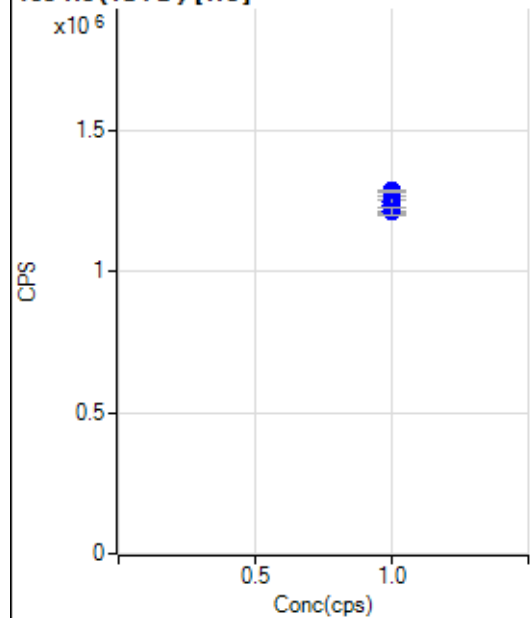
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2600222.81		A	0.7
2	☐	1.000		2642358.54		A	0.6
3	☐	1.000		2623658.21		A	0.5
4	☐	1.000		2709930.93		A	1.1
5	☐	1.000		2697859.37		A	2.5
6	☐	1.000		2744064.16		A	0.6
7	☐	1.000		2690438.09		A	0.7
8	☐	1.000		2633357.11		A	0.9

159 Tb (ISTD) [He]

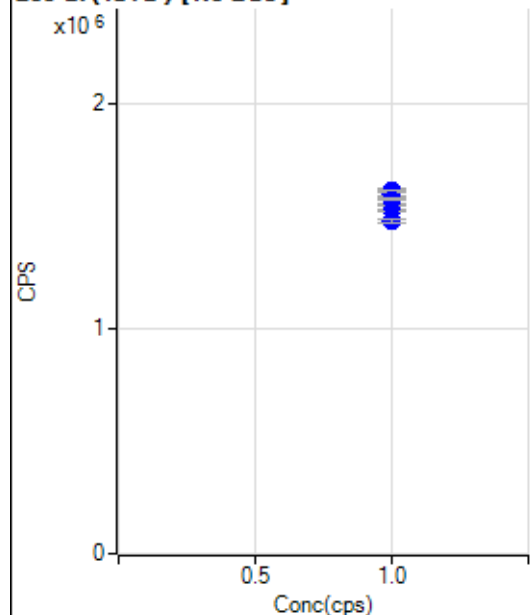
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1220378.86		P	1.6
2	☐	1.000		1231901.33		P	3.5
3	☐	1.000		1263739.87		P	0.6
4	☐	1.000		1285641.53		P	0.8
5	☐	1.000		1251684.18		P	5.5
6	☐	1.000		1288502.59		P	1.1
7	☐	1.000		1278862.88		P	0.6
8	☐	1.000		1205504.18		P	2.4

165 Ho (ISTD) [No Gas]

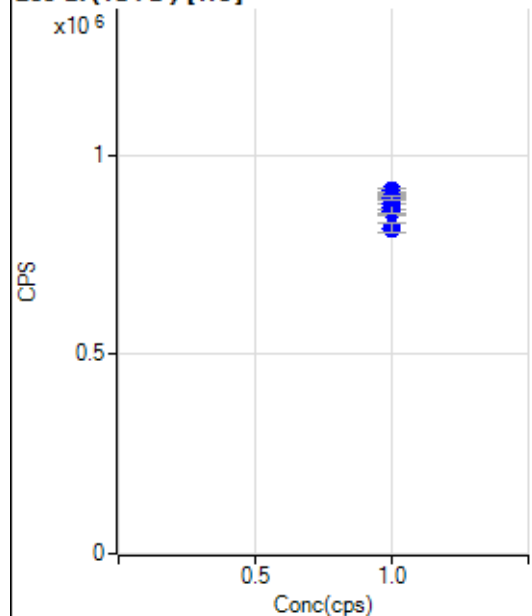
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2433887.66		A	1.0
2	☐	1.000		2501893.39		A	1.0
3	☐	1.000		2462452.05		A	1.6
4	☐	1.000		2562635.47		A	0.6
5	☐	1.000		2531787.84		A	1.9
6	☐	1.000		2588690.64		A	1.1
7	☐	1.000		2562260.88		A	1.5
8	☐	1.000		2468195.87		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1215653.74		P	1.7
2	☐	1.000		1233780.44		P	3.5
3	☐	1.000		1267722.59		P	0.5
4	☐	1.000		1281289.36		P	0.5
5	☐	1.000		1246019.48		P	5.8
6	☐	1.000		1285370.11		P	0.1
7	☐	1.000		1284502.51		P	0.9
8	☐	1.000		1211686.15		P	2.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1525505.10		P	0.3
2	☐	1.000		1551651.43		P	0.4
3	☐	1.000		1549838.29		P	0.3
4	☐	1.000		1600957.37		P	1.0
5	☐	1.000		1599994.96		P	2.4
6	☐	1.000		1611734.44		P	0.6
7	☐	1.000		1575667.74		P	0.6
8	☐	1.000		1479392.15		P	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		856591.18		P	1.5
2	☐	1.000		865975.44		P	3.0
3	☐	1.000		890446.66		P	0.1
4	☐	1.000		909387.29		P	1.6
5	☐	1.000		879422.36		P	6.2
6	☐	1.000		903157.21		P	0.4
7	☐	1.000		893731.16		P	1.0
8	☐	1.000		815481.82		P	3.1

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8050620MS.b
Acq. Date-Time 2020-05-06 11:10:37
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		4134	41340.23			1.770	5.000
24		53927	539265.44			1.459	5.000
25		7439	74390.59			1.242	5.000
26		8846	88463.72			0.914	5.000
59		31713	317131.78			0.512	5.000
113		5117	51174.66			0.903	5.000
115		15232	152319.90			1.197	5.000
206		5693	56927.99			1.183	5.000
207		4711	47112.04			1.142	5.000
208		11583	115830.54			1.337	5.000
220		1	5.80			17.876	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

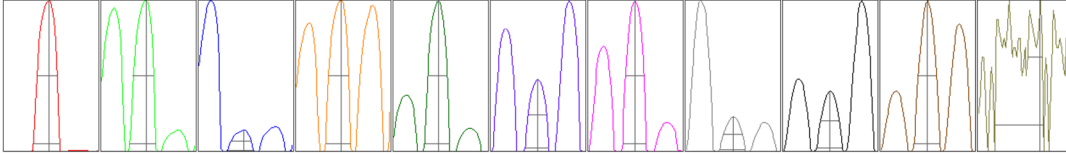
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4025	4121	4152	4145	4228
24	52978	53845	54032	53636	55141
25	7311	7473	7406	7442	7564
26	8739	8901	8839	8806	8947
59	31493	31801	31587	31834	31851
113	5036	5140	5133	5131	5147
115	14929	15307	15201	15342	15381
206	5595	5712	5671	5706	5780
207	4625	4730	4696	4749	4757
208	11340	11686	11539	11616	11735

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	1	1	1	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	6860.88	8.95	8.90 - 9.10	
24	90466.37	23.95	23.90 - 24.10	
25	12267.22	24.95	24.90 - 25.10	
26	14397.98	25.95	25.90 - 26.10	
59	54277.37	58.95	58.90 - 59.10	
113	9357.43	113.00	112.90 - 113.10	
115	27925.71	115.00	114.90 - 115.10	
206	10169.77	206.05	205.90 - 206.10	
207	8462.86	207.00	206.90 - 207.10	
208	21238.61	208.00	207.90 - 208.10	
220	0.80	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.64	0.830	0.900	
24	0.65	0.820	0.900	
25	0.64	0.798	0.900	
26	0.65	0.790	0.900	
59	0.62	0.789	0.900	
113	0.58	0.741	0.900	
115	0.57	0.739	0.900	
206	0.59	0.809	0.900	
207	0.59	0.822	0.900	
208	0.57	0.821	0.900	
220	0.46	1.529		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.46 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.9 V	Deflect	14.0 V
Extract 2	-240.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9995	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.0 mm
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EM

Discriminator	4.0 mV	Analog HV	2169 V	Pulse HV	1203 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8059	80593.74			3.018	
89		16722	167217.14			2.833	
205		15680	156801.54			2.851	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7645	8103	8099	8284	8166
89	15895	16981	16790	17066	16877
205	14922	15740	15717	16034	15988

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.9 V	Deflect	3.0 V
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US EPA Tune Check Report

Extract 2	-240.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9995	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.05		
Hardware Settings					
Torch					
Torch H	0.3 mm	Torch V	0.0 mm		
EM					
Discriminator	4.0 mV	Analog HV	2169 V	Pulse HV	1203 V

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 13:03:15 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.40	0.45	-0.05	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.03	0.03	0.00	N/A	ppb
Barium	137-1	0.01	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.08	0.25	-0.33	0.00	N/A	ppb
Boron	11-1	0.20	-0.09	-0.11	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.02	0.04	0.00	N/A	ppb
Cadmium	106-1	-0.32	-0.12	0.44	0.00	N/A	ppb
Cadmium	108-1	0.05	0.05	-0.10	0.00	N/A	ppb
Calcium	43-1	-1.72	4.19	-2.48	0.00	N/A	ppb
Calcium	44-1	-1.15	-3.54	4.69	0.00	N/A	ppb
Chromium	52-2	0.00	-0.03	0.02	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.03	-0.03	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	1.23	-1.36	0.13	0.00	N/A	ppb
Iron	56-2	0.14	-0.10	-0.04	0.00	N/A	ppb
Iron	57-2	-1.32	0.47	0.85	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	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:03:15	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.44	-0.01	0.45	0.00	N/A	ppb
Manganese	55-2	-0.03	0.01	0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	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	0.10	0.00	-0.11	0.00	N/A	ppb
Phosphorus	31-2	-49.54	-19.22	-4.88	-24.55		ppb
Potassium	39-2	-10.09	15.81	-5.72	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.43	-0.20	0.63	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.57	-0.23	-0.34	0.00	N/A	ppb
Silicon	28-1	-1.19	-5.95	7.14	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-2.79	-1.46	4.25	0.00	N/A	ppb
Strontium	86-1	0.04	-0.05	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-74.65	-849.84	979.72	18.41	4987.86	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	0.02	-0.02	0.00	0.00	N/A	ppb
Titanium	47-1	0.26	-0.23	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:03:15	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.01	0.03	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:06:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.40	23.13	21.94	21.49	8.88	ppb
Antimony	121-1	1.91	1.95	1.95	1.94	1.21	ppb
Arsenic	75-2	0.83	1.01	1.26	1.03	21.10	ppb
Barium	135-1	9.64	9.50	9.89	9.68	2.07	ppb
Barium	137-1	10.34	9.89	10.25	10.16	2.33	ppb
Beryllium	9-1	1.02	0.94	0.97	0.98	4.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	19.54	21.19	22.99	21.24	8.13	ppb
Boron	11-1	18.36	22.32	23.72	21.46	12.94	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	0.99	0.98	1.03	6.62	ppb
Cadmium	106-1	2.06	0.42	1.25	1.24	66.18	ppb
Cadmium	108-1	1.12	0.77	0.75	0.88	23.54	ppb
Calcium	43-1	546.00	502.35	507.69	518.68	4.59	ppb
Calcium	44-1	534.12	513.81	528.02	525.32	1.98	ppb
Chromium	52-2	1.71	1.90	2.00	1.87	7.79	ppb
Cobalt	59-2	0.83	0.92	0.93	0.90	5.94	ppb
Copper	63-2	2.01	2.19	2.11	2.10	4.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	56.62	59.42	51.64	55.89	7.05	ppb
Iron	56-2	51.78	53.13	55.21	53.37	3.24	ppb
Iron	57-2	44.54	48.58	49.51	47.54	5.56	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.88	1.02	0.92	9.43	ppb
Lead	207-1	0.90	0.87	0.97	0.91	5.56	ppb
Lead	208-1	0.91	0.91	0.94	0.92	1.82	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:06:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	506.43	501.90	540.30	516.21	4.07	ppb
Manganese	55-2	1.05	0.87	1.07	1.00	11.32	ppb
Molybdenum	94-1	5.12	5.00	5.01	5.04	1.27	ppb
Molybdenum	95-1	5.50	4.94	5.32	5.25	5.50	ppb
Molybdenum	96-1	5.27	5.35	5.28	5.30	0.85	ppb
Molybdenum	97-1	5.37	5.05	5.35	5.26	3.40	ppb
Molybdenum	98-1	5.38	5.26	5.39	5.34	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.11	1.26	1.14	9.80	ppb
Phosphorus	31-2	-6.84	71.09	9.40	24.55	167.48	ppb
Potassium	39-2	483.82	503.91	555.99	514.58	7.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	5.67	6.25	5.57	5.83	6.35	ppb
Selenium	77-2	8.76	3.69	5.66	6.03	42.35	ppb
Selenium	78-2	3.11	5.60	6.54	5.08	34.90	ppb
Silicon	28-1	15.06	7.09	8.96	10.37	40.20	ppb
Silver	109-1	0.90	0.95	1.05	0.97	7.66	ppb
Silver	107-1	1.04	0.88	1.09	1.00	10.66	ppb
Sodium	23-2	496.27	507.81	546.79	516.96	5.12	ppb
Strontium	86-1	0.86	0.98	0.90	0.91	6.40	ppb
Strontium	88-1	1.02	1.00	1.01	1.01	1.02	ppb
Sulfur	34-1	477.85	142.30	-675.38	-18.41		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.97	0.95	0.89	0.94	4.10	ppb
Thallium	205-1	0.91	0.96	0.95	0.94	2.71	ppb
Tin	118-1	5.24	5.08	4.91	5.07	3.25	ppb
Titanium	47-1	5.64	4.46	4.77	4.96	12.40	ppb
Uranium	238-1	0.91	0.98	0.93	0.94	3.94	ppb
Vanadium	51-2	4.84	5.02	5.21	5.02	3.69	ppb
Yttrium	89-1				101		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:06:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2.16	2.45	2.31	2.31	6.35	ppb
Zirconium	90-1	0.84	0.94	0.90	0.89	5.81	ppb
Zirconium	91-1	1.03	0.90	1.06	1.00	8.76	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:12:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1042.57	1016.45	1019.74	1026.25	1.39	ppb
Antimony	121-1	51.81	51.33	50.94	51.36	0.85	ppb
Arsenic	75-2	50.89	49.90	51.85	50.88	1.91	ppb
Barium	135-1	256.43	259.60	255.43	257.15	0.85	ppb
Barium	137-1	264.48	262.35	255.77	260.87	1.74	ppb
Beryllium	9-1	52.01	50.91	51.95	51.62	1.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	47.43	49.77	55.25	50.82	7.90	ppb
Boron	11-1	46.62	52.24	55.53	51.47	8.75	ppb
Bromine	81-1						cps
Cadmium	111-1	51.81	52.17	50.81	51.60	1.36	ppb
Cadmium	106-1	47.01	50.68	50.22	49.30	4.06	ppb
Cadmium	108-1	47.91	50.12	51.93	49.99	4.03	ppb
Calcium	43-1	5468.18	5294.06	5319.51	5360.58	1.75	ppb
Calcium	44-1	5594.07	5392.89	5387.97	5458.31	2.15	ppb
Chromium	52-2	50.80	50.10	49.42	50.11	1.39	ppb
Cobalt	59-2	50.74	49.30	50.05	50.03	1.44	ppb
Copper	63-2	515.30	509.85	509.51	511.55	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	2690.69	2669.69	2659.77	2673.38	0.59	ppb
Iron	56-2	2676.59	2632.61	2649.70	2652.96	0.84	ppb
Iron	57-2	2670.94	2610.81	2598.86	2626.87	1.47	ppb
Krypton	83-1						cps
Lead	206-1	242.72	242.59	241.99	242.44	0.16	ppb
Lead	207-1	244.65	249.63	244.58	246.28	1.18	ppb
Lead	208-1	244.74	247.33	245.33	245.80	0.55	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:12:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	5437.09	5373.29	5313.86	5374.74	1.15	ppb
Manganese	55-2	520.28	502.39	504.14	508.94	1.94	ppb
Molybdenum	94-1	258.68	252.36	254.53	255.19	1.26	ppb
Molybdenum	95-1	261.93	252.07	253.89	255.96	2.05	ppb
Molybdenum	96-1	257.74	254.34	251.06	254.38	1.31	ppb
Molybdenum	97-1	261.77	256.57	250.89	256.41	2.12	ppb
Molybdenum	98-1	257.20	252.91	253.86	254.66	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.70	50.47	51.01	50.73	0.54	ppb
Phosphorus	31-2	965.93	1022.85	1119.87	1036.22	7.51	ppb
Potassium	39-2	2739.01	2620.00	2692.59	2683.87	2.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	51.23	50.23	55.03	52.16	4.85	ppb
Selenium	77-2	53.97	48.35	60.80	54.37	11.46	ppb
Selenium	78-2	53.35	53.73	50.44	52.51	3.43	ppb
Silicon	28-1	73.69	60.74	68.58	67.67	9.64	ppb
Silver	109-1	52.73	51.98	50.92	51.87	1.75	ppb
Silver	107-1	53.04	53.20	52.26	52.83	0.95	ppb
Sodium	23-2	5487.72	5358.29	5370.29	5405.43	1.32	ppb
Strontium	86-1	50.82	49.30	50.61	50.24	1.64	ppb
Strontium	88-1	51.66	51.55	51.51	51.57	0.16	ppb
Sulfur	34-1	2119.51	-1354.98	-557.81	68.90	2641.46	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	49.67	50.17	50.53	50.13	0.86	ppb
Thallium	205-1	50.76	50.39	49.71	50.29	1.05	ppb
Tin	118-1	51.56	51.68	50.38	51.21	1.41	ppb
Titanium	47-1	260.43	247.76	248.79	252.33	2.79	ppb
Uranium	238-1	47.46	47.59	48.06	47.70	0.66	ppb
Vanadium	51-2	50.43	49.41	49.05	49.63	1.44	ppb
Yttrium	89-1				102		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:12:45	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	516.93	501.55	514.34	510.94	1.61	ppb
Zirconium	90-1	52.06	50.75	50.56	51.12	1.60	ppb
Zirconium	91-1	50.52	50.06	50.03	50.20	0.54	ppb

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 13:15:53 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2569.28	2560.19	2530.73	2553.40	0.79	ppb
Antimony	121-1	128.48	127.19	128.00	127.89	0.51	ppb
Arsenic	75-2	128.33	128.17	124.63	127.04	1.65	ppb
Barium	135-1	639.08	642.50	642.18	641.25	0.29	ppb
Barium	137-1	656.50	647.28	647.57	650.45	0.81	ppb
Beryllium	9-1	129.00	128.67	127.44	128.37	0.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	115.15	131.53	139.88	128.85	9.76	ppb
Boron	11-1	113.09	127.66	136.28	125.67	9.33	ppb
Bromine	81-1						cps
Cadmium	111-1	131.70	128.90	131.08	130.56	1.13	ppb
Cadmium	106-1	130.60	132.58	135.73	132.97	1.95	ppb
Cadmium	108-1	132.84	124.25	129.32	128.80	3.35	ppb
Calcium	43-1	13209.18	13725.25	13649.12	13527.85	2.06	ppb
Calcium	44-1	13505.37	13477.18	13529.83	13504.12	0.20	ppb
Chromium	52-2	127.01	127.42	124.50	126.31	1.25	ppb
Cobalt	59-2	127.04	127.43	125.91	126.79	0.62	ppb
Copper	63-2	1295.45	1312.76	1292.42	1300.21	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	6819.62	6743.39	6601.55	6721.52	1.65	ppb
Iron	56-2	6637.67	6616.43	6598.53	6617.55	0.30	ppb
Iron	57-2	6586.97	6586.43	6491.78	6555.06	0.84	ppb
Krypton	83-1						cps
Lead	206-1	603.86	613.77	605.27	607.63	0.88	ppb
Lead	207-1	612.28	622.52	620.34	618.38	0.87	ppb
Lead	208-1	616.11	623.99	624.87	621.66	0.78	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:15:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	13542.09	13382.92	13302.19	13409.07	0.91	ppb
Manganese	55-2	1289.88	1274.70	1266.62	1277.07	0.92	ppb
Molybdenum	94-1	649.22	650.35	645.00	648.19	0.43	ppb
Molybdenum	95-1	644.27	646.38	652.71	647.79	0.68	ppb
Molybdenum	96-1	640.59	639.78	651.67	644.01	1.03	ppb
Molybdenum	97-1	651.54	647.36	658.53	652.48	0.86	ppb
Molybdenum	98-1	651.70	643.95	643.55	646.40	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.37	127.88	125.16	126.80	1.14	ppb
Phosphorus	31-2	2678.00	2635.09	2546.00	2619.70	2.57	ppb
Potassium	39-2	6879.69	6743.63	6604.97	6742.76	2.04	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	129.00	131.66	131.44	130.70	1.13	ppb
Selenium	77-2	152.88	138.46	135.10	142.15	6.65	ppb
Selenium	78-2	129.20	132.64	126.33	129.39	2.44	ppb
Silicon	28-1	150.50	165.29	171.12	162.30	6.55	ppb
Silver	109-1	130.40	129.75	128.43	129.53	0.78	ppb
Silver	107-1	131.91	130.83	132.68	131.81	0.71	ppb
Sodium	23-2	13935.97	13556.96	13401.26	13631.40	2.02	ppb
Strontium	86-1	126.80	129.16	127.16	127.71	0.99	ppb
Strontium	88-1	129.13	131.33	130.82	130.43	0.89	ppb
Sulfur	34-1	-94.11	550.46	626.57	360.97	109.69	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	123.74	124.10	123.87	123.90	0.15	ppb
Thallium	205-1	126.51	126.13	125.79	126.14	0.28	ppb
Tin	118-1	128.13	127.90	128.34	128.12	0.17	ppb
Titanium	47-1	622.97	634.83	641.51	633.10	1.48	ppb
Uranium	238-1	121.05	120.53	120.76	120.78	0.22	ppb
Vanadium	51-2	127.16	127.07	123.07	125.76	1.86	ppb
Yttrium	89-1				103		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:15:53	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	1288.60	1288.68	1259.40	1278.89	1.32	ppb
Zirconium	90-1	127.92	128.13	127.54	127.86	0.23	ppb
Zirconium	91-1	125.05	125.32	125.69	125.35	0.26	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:18:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6016.29	5392.99	5167.41	5525.56	7.96	ppb
Antimony	121-1	263.73	262.76	260.36	262.28	0.66	ppb
Arsenic	75-2	295.04	259.87	260.92	271.95	7.36	ppb
Barium	135-1	1301.68	1326.58	1297.22	1308.49	1.21	ppb
Barium	137-1	1287.02	1327.13	1318.74	1310.96	1.61	ppb
Beryllium	9-1	262.14	260.47	265.50	262.70	0.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	225.03	256.76	275.79	252.53	10.15	ppb
Boron	11-1	226.38	255.44	274.74	252.19	9.65	ppb
Bromine	81-1						cps
Cadmium	111-1	263.88	264.76	259.72	262.79	1.02	ppb
Cadmium	106-1	272.21	272.68	254.18	266.36	3.96	ppb
Cadmium	108-1	259.30	264.78	263.22	262.43	1.08	ppb
Calcium	43-1	27319.00	27636.28	27858.69	27604.66	0.98	ppb
Calcium	44-1	26735.86	27478.68	27792.73	27335.76	1.99	ppb
Chromium	52-2	294.55	264.73	252.49	270.59	8.00	ppb
Cobalt	59-2	293.41	264.90	254.61	270.97	7.42	ppb
Copper	63-2	3032.24	2704.93	2597.26	2778.14	8.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	15641.48	14009.68	13545.56	14398.91	7.65	ppb
Iron	56-2	15529.36	13903.62	13298.89	14243.96	8.10	ppb
Iron	57-2	15601.36	13898.68	13392.77	14297.60	8.09	ppb
Krypton	83-1						cps
Lead	206-1	1266.86	1293.46	1255.59	1271.97	1.53	ppb
Lead	207-1	1270.90	1272.70	1269.97	1271.19	0.11	ppb
Lead	208-1	1266.92	1278.59	1261.20	1268.90	0.70	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:18:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	31105.20	27726.80	26976.37	28602.79	7.69	ppb
Manganese	55-2	2992.33	2669.25	2555.86	2739.15	8.27	ppb
Molybdenum	94-1	1280.28	1284.10	1306.19	1290.19	1.08	ppb
Molybdenum	95-1	1289.16	1283.62	1286.12	1286.30	0.22	ppb
Molybdenum	96-1	1281.89	1294.30	1308.74	1294.98	1.04	ppb
Molybdenum	97-1	1303.09	1296.75	1312.28	1304.04	0.60	ppb
Molybdenum	98-1	1257.04	1266.30	1273.43	1265.59	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	297.90	267.41	255.93	273.74	7.92	ppb
Phosphorus	31-2	5530.25	5006.77	5245.53	5260.85	4.98	ppb
Potassium	39-2	15848.56	14107.98	13691.56	14549.36	7.86	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	253.84	257.98	263.73	258.52	1.92	ppb
Selenium	77-2	299.14	233.70	263.77	265.54	12.34	ppb
Selenium	78-2	286.48	263.89	248.42	266.26	7.19	ppb
Silicon	28-1	190.21	222.60	214.21	209.01	8.04	ppb
Silver	109-1	268.06	269.24	259.02	265.44	2.11	ppb
Silver	107-1	265.07	272.04	265.47	267.53	1.46	ppb
Sodium	23-2	31434.42	28247.34	26998.55	28893.44	7.92	ppb
Strontium	86-1	255.20	255.36	259.51	256.69	0.95	ppb
Strontium	88-1	253.68	257.14	264.28	258.37	2.09	ppb
Sulfur	34-1	1980.84	4678.94	3305.41	3321.73	40.62	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	257.66	253.87	255.41	255.65	0.74	ppb
Thallium	205-1	255.86	256.84	255.99	256.23	0.21	ppb
Tin	118-1	261.68	263.02	261.13	261.94	0.37	ppb
Titanium	47-1	1269.79	1295.80	1299.34	1288.31	1.25	ppb
Uranium	238-1	245.78	245.59	247.19	246.19	0.36	ppb
Vanadium	51-2	294.35	264.03	252.80	270.39	7.95	ppb
Yttrium	89-1				105		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:18:59	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	2984.79	2709.05	2575.08	2756.31	7.58	ppb
Zirconium	90-1	255.74	251.82	259.40	255.65	1.48	ppb
Zirconium	91-1	252.90	249.88	259.62	254.13	1.96	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:21:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10133.57	10058.34	9986.88	10059.60	0.73	ppb
Antimony	121-1	506.87	509.43	496.27	504.19	1.38	ppb
Arsenic	75-2	503.18	501.51	499.71	501.47	0.35	ppb
Barium	135-1	2498.83	2532.51	2509.14	2513.49	0.69	ppb
Barium	137-1	2528.19	2536.61	2513.87	2526.22	0.46	ppb
Beryllium	9-1	502.30	501.59	508.53	504.14	0.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	433.96	501.83	532.02	489.27	10.26	ppb
Boron	11-1	435.11	497.97	539.71	490.93	10.73	ppb
Bromine	81-1						cps
Cadmium	111-1	509.31	504.30	508.80	507.47	0.54	ppb
Cadmium	106-1	507.37	501.76	512.56	507.23	1.06	ppb
Cadmium	108-1	508.30	507.06	506.86	507.40	0.15	ppb
Calcium	43-1	52225.25	53125.44	53283.84	52878.18	1.08	ppb
Calcium	44-1	52421.98	52863.93	52097.84	52461.25	0.73	ppb
Chromium	52-2	502.17	495.91	498.40	498.83	0.63	ppb
Cobalt	59-2	500.12	495.01	494.21	496.45	0.65	ppb
Copper	63-2	4962.96	4932.83	4980.63	4958.81	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	26601.12	26665.46	26653.51	26640.03	0.13	ppb
Iron	56-2	25891.59	26114.50	26053.49	26019.86	0.44	ppb
Iron	57-2	26459.46	26008.30	26129.29	26199.02	0.89	ppb
Krypton	83-1						cps
Lead	206-1	2508.97	2518.45	2511.02	2512.81	0.20	ppb
Lead	207-1	2477.08	2533.74	2521.17	2510.66	1.19	ppb
Lead	208-1	2474.54	2499.80	2500.85	2491.73	0.60	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:21:58	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	52508.50	52431.61	51585.61	52175.24	0.98	ppb
Manganese	55-2	4983.45	5036.60	5023.34	5014.46	0.55	ppb
Molybdenum	94-1	2477.57	2501.66	2466.01	2481.74	0.73	ppb
Molybdenum	95-1	2486.85	2500.35	2483.08	2490.10	0.36	ppb
Molybdenum	96-1	2498.89	2468.04	2485.61	2484.18	0.62	ppb
Molybdenum	97-1	2531.33	2484.03	2493.38	2502.91	1.00	ppb
Molybdenum	98-1	2515.88	2508.62	2433.24	2485.92	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.18	499.67	499.28	499.71	0.09	ppb
Phosphorus	31-2	10042.39	10104.47	10082.13	10076.33	0.31	ppb
Potassium	39-2	26108.49	26453.62	26612.47	26391.52	0.98	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	499.97	500.88	500.83	500.56	0.10	ppb
Selenium	77-2	482.27	524.67	499.65	502.20	4.24	ppb
Selenium	78-2	513.69	510.79	503.70	509.40	1.01	ppb
Silicon	28-1	490.43	526.65	558.21	525.10	6.46	ppb
Silver	109-1	508.69	505.76	508.71	507.72	0.33	ppb
Silver	107-1	506.58	513.07	514.07	511.24	0.80	ppb
Sodium	23-2	52720.26	52546.69	52520.55	52595.83	0.21	ppb
Strontium	86-1	503.92	504.47	496.74	501.71	0.86	ppb
Strontium	88-1	504.75	492.85	505.32	500.97	1.41	ppb
Sulfur	34-1	8055.91	8091.34	8903.19	8350.15	5.74	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	488.71	499.57	499.78	496.02	1.28	ppb
Thallium	205-1	488.45	512.51	495.25	498.74	2.49	ppb
Tin	118-1	509.03	502.74	505.96	505.91	0.62	ppb
Titanium	47-1	2485.08	2500.02	2526.24	2503.78	0.83	ppb
Uranium	238-1	488.62	486.61	492.57	489.27	0.62	ppb
Vanadium	51-2	495.90	494.32	497.86	496.03	0.36	ppb
Yttrium	89-1				105		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:21:58	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	5030.28	4985.36	4981.17	4998.94	0.54	ppb
Zirconium	90-1	502.69	495.70	501.10	499.83	0.73	ppb
Zirconium	91-1	494.98	498.26	497.55	496.93	0.35	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:24:58	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20501.52	20322.52	19877.94	20233.99	1.59	ppb
Antimony	121-1	991.07	997.37	994.78	994.41	0.32	ppb
Arsenic	75-2	992.29	992.05	996.10	993.48	0.23	ppb
Barium	135-1	4964.28	4928.09	5036.36	4976.24	1.11	ppb
Barium	137-1	4951.05	4936.99	5015.72	4967.92	0.85	ppb
Beryllium	9-1	993.60	995.63	993.54	994.25	0.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	898.83	1018.83	1095.25	1004.30	9.86	ppb
Boron	11-1	895.86	1014.07	1101.82	1003.92	10.29	ppb
Bromine	81-1						cps
Cadmium	111-1	985.19	1000.55	991.15	992.29	0.78	ppb
Cadmium	106-1	987.08	993.43	993.49	991.33	0.37	ppb
Cadmium	108-1	978.62	1003.11	996.42	992.72	1.28	ppb
Calcium	43-1	108095.94	108957.45	108595.68	108549.69	0.40	ppb
Calcium	44-1	105405.95	106810.32	106895.19	106370.49	0.79	ppb
Chromium	52-2	1005.95	1002.37	977.49	995.27	1.56	ppb
Cobalt	59-2	1016.70	999.84	972.38	996.31	2.25	ppb
Copper	63-2	10085.34	10031.72	9715.55	9944.21	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	54546.75	54192.37	52452.42	53730.51	2.09	ppb
Iron	56-2	53319.64	52790.10	51120.26	52410.00	2.19	ppb
Iron	57-2	53070.19	52590.83	51081.22	52247.42	1.99	ppb
Krypton	83-1						cps
Lead	206-1	4983.38	4970.57	5017.99	4990.65	0.49	ppb
Lead	207-1	4965.22	4946.61	5059.32	4990.38	1.21	ppb
Lead	208-1	4966.99	4968.84	5064.28	5000.04	1.11	ppb

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 13:24:58 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	105265.91	104768.20	102076.06	104036.72	1.65	ppb
Manganese	55-2	10011.57	9946.97	9828.91	9929.15	0.93	ppb
Molybdenum	94-1	4950.05	5050.40	4987.32	4995.92	1.02	ppb
Molybdenum	95-1	4893.44	5102.85	4981.90	4992.73	2.11	ppb
Molybdenum	96-1	4938.95	5059.63	4983.64	4994.07	1.22	ppb
Molybdenum	97-1	4960.36	5004.14	4979.33	4981.28	0.44	ppb
Molybdenum	98-1	4969.93	5024.53	5006.24	5000.24	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1008.73	999.98	973.13	993.95	1.87	ppb
Phosphorus	31-2	20434.17	19765.10	19440.28	19879.85	2.55	ppb
Potassium	39-2	53358.04	51783.16	51301.99	52147.73	2.06	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	987.48	1002.66	1000.16	996.77	0.82	ppb
Selenium	77-2	1053.06	979.40	945.49	992.65	5.54	ppb
Selenium	78-2	983.95	1002.49	985.24	990.56	1.05	ppb
Silicon	28-1	946.45	1012.29	1017.70	992.15	4.00	ppb
Silver	109-1	981.68	996.96	996.22	991.62	0.87	ppb
Silver	107-1	990.90	978.77	997.34	989.01	0.95	ppb
Sodium	23-2	105789.45	105572.29	103670.75	105010.83	1.11	ppb
Strontium	86-1	997.37	991.82	1002.17	997.12	0.52	ppb
Strontium	88-1	995.86	1000.49	993.64	996.66	0.35	ppb
Sulfur	34-1	20676.17	22105.21	21893.89	21558.43	3.58	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	1018.94	994.57	988.63	1000.71	1.60	ppb
Thallium	205-1	996.51	998.33	1001.91	998.92	0.28	ppb
Tin	118-1	984.17	1003.73	992.93	993.61	0.99	ppb
Titanium	47-1	4940.74	5066.81	4954.67	4987.40	1.39	ppb
Uranium	238-1	1003.93	1005.38	1011.58	1006.96	0.40	ppb
Vanadium	51-2	1008.20	1007.17	975.07	996.81	1.89	ppb
Yttrium	89-1				102		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:24:58	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	10146.27	9950.09	9700.53	9932.30	2.25	ppb
Zirconium	90-1	988.82	1012.24	993.71	998.26	1.24	ppb
Zirconium	91-1	993.33	1011.68	996.33	1000.45	0.98	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:27:56	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97764.81	101994.12	99999.16	99919.37	2.12	ppb
Antimony	121-1	2.26	2.33	2.25	2.28	1.87	ppb
Arsenic	75-2	1.90	2.08	2.10	2.03	5.33	ppb
Barium	135-1	16.78	16.62	17.05	16.82	1.31	ppb
Barium	137-1	17.54	17.26	16.92	17.24	1.81	ppb
Beryllium	9-1	2.00	1.88	1.85	1.91	4.24	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	225.08	193.07	174.61	197.59	12.92	ppb
Boron	11-1	215.55	190.66	175.98	194.06	10.31	ppb
Bromine	81-1						cps
Cadmium	111-1	1.76	2.18	1.99	1.97	10.69	ppb
Cadmium	106-1	2.99	4.16	2.49	3.21	26.77	ppb
Cadmium	108-1	2.43	2.25	1.78	2.15	15.57	ppb
Calcium	43-1	487029.44	510202.95	496295.68	497842.69	2.34	ppb
Calcium	44-1	489395.35	508488.63	497115.86	498333.28	1.93	ppb
Chromium	52-2	26.45	28.43	27.83	27.57	3.67	ppb
Cobalt	59-2	3.27	3.54	3.23	3.35	4.92	ppb
Copper	63-2	20.50	22.03	22.05	21.53	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	242284.69	253302.40	251357.18	248981.43	2.36	ppb
Iron	56-2	239970.04	256923.60	251060.65	249318.10	3.45	ppb
Iron	57-2	239865.20	257607.67	250522.65	249331.84	3.58	ppb
Krypton	83-1						cps
Lead	206-1	13.21	13.43	13.36	13.34	0.85	ppb
Lead	207-1	13.30	13.71	13.39	13.47	1.60	ppb
Lead	208-1	13.41	13.43	13.64	13.49	0.97	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:27:56	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	482967.87	508622.14	504715.49	498768.50	2.77	ppb
Manganese	55-2	24.73	26.51	26.10	25.78	3.62	ppb
Molybdenum	94-1	11.79	11.43	11.19	11.47	2.61	ppb
Molybdenum	95-1	12.29	12.55	12.48	12.44	1.09	ppb
Molybdenum	96-1	12.20	12.31	12.46	12.32	1.06	ppb
Molybdenum	97-1	13.04	12.37	12.64	12.68	2.66	ppb
Molybdenum	98-1	12.44	12.18	12.70	12.44	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.58	19.32	19.19	18.70	5.20	ppb
Phosphorus	31-2	50.94	59.25	-29.72	26.82	183.23	ppb
Potassium	39-2	242428.89	255718.46	249796.59	249314.65	2.67	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	2.78	3.17	2.14	2.70	19.32	ppb
Selenium	77-2	3.74	0.00	5.75	3.16	92.25	ppb
Selenium	78-2	2.93	1.63	1.46	2.00	40.13	ppb
Silicon	28-1	178.33	230.35	227.93	212.20	13.84	ppb
Silver	109-1	1.79	1.80	1.86	1.82	2.12	ppb
Silver	107-1	1.92	1.97	1.92	1.94	1.59	ppb
Sodium	23-2	482430.02	506814.53	506289.12	498511.22	2.79	ppb
Strontium	86-1	3.32	3.46	3.48	3.42	2.52	ppb
Strontium	88-1	3.49	3.59	3.73	3.60	3.33	ppb
Sulfur	34-1	-3645.77	-1825.89	-2863.40	-2778.36		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	2.27	2.24	2.07	2.19	5.04	ppb
Thallium	205-1	2.20	2.34	2.21	2.25	3.52	ppb
Tin	118-1	2.24	2.41	2.42	2.36	4.31	ppb
Titanium	47-1	8.53	8.61	9.03	8.73	3.05	ppb
Uranium	238-1	1.97	1.84	1.86	1.89	3.76	ppb
Vanadium	51-2	1.99	2.09	2.20	2.09	5.10	ppb
Yttrium	89-1				100		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:27:56	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	61.25	62.21	60.96	61.47	1.06	ppb
Zirconium	90-1	1.75	1.93	1.88	1.85	4.91	ppb
Zirconium	91-1	1.77	1.75	1.93	1.82	5.36	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 14:41:47	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	520.06	516.01	517.45	517.84	0.40	ppb
Antimony	121-1	201.90	207.60	197.82	202.44	2.43	ppb
Arsenic	75-2	210.24	211.13	208.15	209.84	0.73	ppb
Barium	135-1	104.76	105.72	104.03	104.84	0.81	ppb
Barium	137-1	104.48	108.26	102.67	105.14	2.71	ppb
Beryllium	9-1	100.82	103.14	101.74	101.90	1.15	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	565.19	617.06	652.46	611.57	7.18	ppb
Boron	11-1	569.81	621.97	648.31	613.36	6.51	ppb
Bromine	81-1						cps
Cadmium	111-1	106.74	106.36	105.40	106.16	0.65	ppb
Cadmium	106-1	152.03	154.47	149.54	152.01	1.62	ppb
Cadmium	108-1	144.53	144.31	146.27	145.04	0.74	ppb
Calcium	43-1	2313.61	2271.09	2302.30	2295.67	0.96	ppb
Calcium	44-1	2231.07	2211.64	2239.41	2227.37	0.64	ppb
Chromium	52-2	101.14	102.83	102.58	102.18	0.89	ppb
Cobalt	59-2	103.66	102.89	104.57	103.71	0.81	ppb
Copper	63-2	105.50	105.41	108.76	106.56	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	2114.15	2180.98	2185.13	2160.08	1.84	ppb
Iron	56-2	2121.12	2147.64	2133.85	2134.20	0.62	ppb
Iron	57-2	2090.71	2037.13	2083.46	2070.44	1.40	ppb
Krypton	83-1						cps
Lead	206-1	209.95	211.69	213.84	211.83	0.92	ppb
Lead	207-1	199.90	200.80	201.50	200.73	0.40	ppb
Lead	208-1	205.78	208.30	209.11	207.73	0.84	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 14:41:47	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	1279.54	1279.28	1249.87	1269.56	1.34	ppb
Manganese	55-2	98.58	100.87	101.62	100.36	1.58	ppb
Molybdenum	94-1	2494.02	2495.56	2520.30	2503.29	0.59	ppb
Molybdenum	95-1	2477.99	2517.64	2509.12	2501.58	0.83	ppb
Molybdenum	96-1	2507.89	2513.03	2506.73	2509.22	0.13	ppb
Molybdenum	97-1	2519.66	2499.50	2501.86	2507.01	0.44	ppb
Molybdenum	98-1	2429.21	2485.81	2473.11	2462.71	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.70	104.22	106.40	104.44	1.78	ppb
Phosphorus	31-2	-10.51	-44.18	-29.51	-28.07		ppb
Potassium	39-2	2093.20	2111.31	2154.31	2119.61	1.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	202.84	212.54	209.69	208.36	2.39	ppb
Selenium	77-2	259.43	236.97	238.04	244.81	5.18	ppb
Selenium	78-2	210.52	209.24	203.17	207.64	1.89	ppb
Silicon	28-1	392.32	388.27	391.89	390.83	0.57	ppb
Silver	109-1	50.37	51.68	49.33	50.46	2.33	ppb
Silver	107-1	50.93	52.45	50.47	51.28	2.02	ppb
Sodium	23-2	2165.63	2178.57	2165.71	2169.97	0.34	ppb
Strontium	86-1	511.76	519.19	509.70	513.55	0.97	ppb
Strontium	88-1	518.35	519.90	516.08	518.11	0.37	ppb
Sulfur	34-1	-856.22	-1622.61	-1718.35	-1399.06		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	200.43	200.38	204.89	201.90	1.28	ppb
Thallium	205-1	203.10	206.41	205.91	205.14	0.87	ppb
Tin	118-1	521.51	527.96	515.80	521.76	1.17	ppb
Titanium	47-1	2455.50	2446.04	2495.14	2465.56	1.06	ppb
Uranium	238-1	557.96	554.47	548.85	553.76	0.83	ppb
Vanadium	51-2	99.84	100.48	100.44	100.26	0.36	ppb
Yttrium	89-1				98		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 14:41:47	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	208.03	211.52	216.24	211.93	1.94	ppb
Zirconium	90-1	519.29	522.22	528.24	523.25	0.87	ppb
Zirconium	91-1	515.32	521.87	514.52	517.24	0.78	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:19:40	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.47	20.86	19.43	19.92	4.10	ppb
Antimony	121-1	1.92	1.85	1.93	1.90	2.34	ppb
Arsenic	75-2	1.01	1.16	1.00	1.06	8.66	ppb
Barium	135-1	9.41	9.63	10.48	9.84	5.76	ppb
Barium	137-1	9.56	9.76	10.35	9.89	4.13	ppb
Beryllium	9-1	0.96	0.99	0.97	0.97	1.70	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	19.59	24.26	25.27	23.04	13.14	ppb
Boron	11-1	18.04	22.59	26.06	22.23	18.10	ppb
Bromine	81-1						cps
Cadmium	111-1	0.76	0.78	1.14	0.89	24.11	ppb
Cadmium	106-1	-0.11	-0.75	2.61	0.59	304.34	ppb
Cadmium	108-1	1.22	1.01	0.80	1.01	20.99	ppb
Calcium	43-1	497.63	481.72	475.74	485.03	2.33	ppb
Calcium	44-1	488.82	487.64	506.04	494.17	2.08	ppb
Chromium	52-2	1.89	2.05	2.07	2.00	4.96	ppb
Cobalt	59-2	1.02	0.85	1.00	0.96	9.50	ppb
Copper	63-2	1.93	2.09	2.02	2.01	4.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	55.26	52.68	50.42	52.78	4.58	ppb
Iron	56-2	53.47	54.95	53.77	54.06	1.44	ppb
Iron	57-2	51.70	52.78	49.22	51.23	3.56	ppb
Krypton	83-1						cps
Lead	206-1	1.03	0.90	1.01	0.98	7.25	ppb
Lead	207-1	0.91	0.97	0.90	0.93	3.83	ppb
Lead	208-1	1.00	0.95	0.96	0.97	2.94	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:19:40	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	528.30	514.99	511.83	518.37	1.69	ppb
Manganese	55-2	0.99	0.92	1.06	0.99	6.93	ppb
Molybdenum	94-1	5.43	4.82	5.34	5.19	6.39	ppb
Molybdenum	95-1	5.03	4.97	5.21	5.07	2.46	ppb
Molybdenum	96-1	5.39	5.01	5.16	5.18	3.67	ppb
Molybdenum	97-1	5.71	5.37	5.29	5.45	4.07	ppb
Molybdenum	98-1	5.51	4.95	5.06	5.17	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.18	1.16	1.15	3.14	ppb
Phosphorus	31-2	-14.06	28.88	19.43	11.41	197.68	ppb
Potassium	39-2	499.99	500.61	493.68	498.09	0.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	7.28	4.25	4.32	5.28	32.74	ppb
Selenium	77-2	1.89	7.67	3.80	4.45	66.05	ppb
Selenium	78-2	5.61	6.26	7.32	6.39	13.47	ppb
Silicon	28-1	4.18	1.05	3.27	2.83	56.70	ppb
Silver	109-1	0.99	0.96	1.00	0.99	2.15	ppb
Silver	107-1	0.98	0.92	1.01	0.97	4.38	ppb
Sodium	23-2	529.21	516.99	523.35	523.18	1.17	ppb
Strontium	86-1	0.89	0.80	0.64	0.78	16.43	ppb
Strontium	88-1	1.00	0.97	0.94	0.97	3.25	ppb
Sulfur	34-1	130.44	-238.18	-433.25	-180.33		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.93	0.90	0.93	0.92	2.01	ppb
Thallium	205-1	1.05	0.92	0.96	0.98	6.81	ppb
Tin	118-1	4.81	4.92	5.22	4.98	4.22	ppb
Titanium	47-1	5.05	5.00	4.95	5.00	0.99	ppb
Uranium	238-1	0.96	0.87	0.93	0.92	5.32	ppb
Vanadium	51-2	4.94	5.16	4.80	4.97	3.58	ppb
Yttrium	89-1				98		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:19:40	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	2.14	2.34	2.28	2.26	4.49	ppb
Zirconium	90-1	0.92	0.98	0.89	0.93	5.17	ppb
Zirconium	91-1	0.88	0.76	0.98	0.87	12.72	ppb

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 15:22:30 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.80	-0.31	2.47	1.66	103.04	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.00	-0.01	-0.02	-0.01		ppb
Barium	135-1	-0.02	0.01	0.00	0.00		ppb
Barium	137-1	-0.03	0.00	-0.03	-0.02		ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	124.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	7.18	6.01	5.47	6.22	14.01	ppb
Boron	11-1	7.64	6.72	5.82	6.73	13.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.01	-0.05	-0.03		ppb
Cadmium	106-1	-0.57	0.13	-0.90	-0.45		ppb
Cadmium	108-1	-0.02	-0.09	-0.10	-0.07		ppb
Calcium	43-1	-14.41	-14.56	-1.86	-10.28		ppb
Calcium	44-1	-19.52	-27.00	-28.61	-25.04		ppb
Chromium	52-2	0.08	0.11	0.22	0.14	53.38	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.02	-0.02	0.01	256.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	0.33	0.87	-1.13	0.02	4296.59	ppb
Iron	56-2	0.24	0.45	0.36	0.35	31.15	ppb
Iron	57-2	-1.22	0.63	-1.10	-0.56		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.04	0.03	38.88	ppb
Lead	207-1	0.03	0.05	0.05	0.04	31.06	ppb
Lead	208-1	0.02	0.02	0.02	0.02	10.98	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:22:30	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	0.19	1.12	-0.02	0.43	141.09	ppb
Manganese	55-2	-0.05	-0.04	0.00	-0.03		ppb
Molybdenum	94-1	-0.03	0.00	-0.03	-0.02		ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	-0.03	0.00	-0.01		ppb
Molybdenum	97-1	0.01	0.03	0.00	0.01	115.19	ppb
Molybdenum	98-1	0.00	-0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.02	0.05	0.04	40.36	ppb
Phosphorus	31-2	-40.57	-64.70	-24.38	-43.22		ppb
Potassium	39-2	-23.35	4.40	-6.53	-8.50		ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-1.20	0.17	0.46	-0.19		ppb
Selenium	77-2	3.75	1.97	0.00	1.91	98.35	ppb
Selenium	78-2	-0.74	0.63	0.15	0.02	4427.07	ppb
Silicon	28-1	2.45	2.15	-4.38	0.07	5172.55	ppb
Silver	109-1	0.00	0.01	0.00	0.00	213.38	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-7.54	6.25	-14.07	-5.12		ppb
Strontium	86-1	0.21	0.12	0.06	0.13	56.57	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	84.48	ppb
Sulfur	34-1	1730.78	2003.73	193.63	1309.38	74.53	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.03	0.01	110.40	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	8846.66	ppb
Tin	118-1	-0.07	-0.03	-0.03	-0.04		ppb
Titanium	47-1	-0.28	0.15	-0.04	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	150.79	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				97		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:22:30	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	0.02	0.01	-0.08	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	196.52	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:25:22	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92610.17	91564.52	91407.32	91860.67	0.71	ppb
Antimony	121-1	1.06	1.15	1.14	1.12	4.46	ppb
Arsenic	75-2	0.37	0.32	0.26	0.32	17.45	ppb
Barium	135-1	1.53	1.55	1.23	1.44	12.60	ppb
Barium	137-1	1.45	1.48	1.61	1.51	5.78	ppb
Beryllium	9-1	0.29	0.30	0.32	0.30	5.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	6.29	6.24	5.69	6.08	5.48	ppb
Boron	11-1	5.65	6.03	5.26	5.65	6.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.38	0.23	0.30	25.15	ppb
Cadmium	106-1	-0.91	-0.32	-0.82	-0.68		ppb
Cadmium	108-1	9.22	9.10	8.76	9.03	2.59	ppb
Calcium	43-1	102848.46	105106.67	103128.93	103694.69	1.19	ppb
Calcium	44-1	101106.01	102621.44	102218.19	101981.88	0.77	ppb
Chromium	52-2	19.94	19.14	19.34	19.48	2.14	ppb
Cobalt	59-2	1.13	1.10	1.11	1.11	1.48	ppb
Copper	63-2	7.58	7.74	7.72	7.68	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	101902.50	101291.71	99858.49	101017.57	1.04	ppb
Iron	56-2	101032.19	102367.10	100743.81	101381.03	0.85	ppb
Iron	57-2	102595.69	102996.56	103178.93	102923.73	0.29	ppb
Krypton	83-1						cps
Lead	206-1	4.76	4.99	4.62	4.79	3.88	ppb
Lead	207-1	4.11	3.92	4.21	4.08	3.66	ppb
Lead	208-1	4.43	4.43	4.48	4.45	0.72	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:25:22	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	99459.58	98193.29	96678.55	98110.47	1.42	ppb
Manganese	55-2	7.60	6.95	7.58	7.38	4.96	ppb
Molybdenum	94-1	1351.61	1371.16	1385.63	1369.47	1.25	ppb
Molybdenum	95-1	1895.02	1946.22	1962.83	1934.69	1.83	ppb
Molybdenum	96-1	1818.33	1890.18	1910.17	1872.89	2.58	ppb
Molybdenum	97-1	1899.88	1985.69	1970.86	1952.14	2.35	ppb
Molybdenum	98-1	1873.72	1925.55	1935.29	1911.52	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.57	5.23	4.95	5.25	5.88	ppb
Phosphorus	31-2	97481.55	98829.46	98007.49	98106.17	0.69	ppb
Potassium	39-2	101845.85	104449.29	101967.81	102754.32	1.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	2.34	-0.24	1.70	1.27	106.09	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.24	0.60	-0.60	-0.08		ppb
Silicon	28-1	31.46	29.61	32.60	31.23	4.84	ppb
Silver	109-1	0.02	0.03	0.04	0.03	37.15	ppb
Silver	107-1	0.01	0.02	0.02	0.02	22.54	ppb
Sodium	23-2	104122.24	102634.47	102449.44	103068.72	0.89	ppb
Strontium	86-1	33.17	34.33	34.15	33.88	1.84	ppb
Strontium	88-1	33.76	34.61	35.34	34.57	2.29	ppb
Sulfur	34-1	85306.82	86932.72	82441.60	84893.71	2.68	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.08	0.06	0.06	24.30	ppb
Thallium	205-1	0.06	0.06	0.07	0.07	8.10	ppb
Tin	118-1	0.24	0.18	0.25	0.22	16.20	ppb
Titanium	47-1	1957.99	1983.89	1995.76	1979.21	0.98	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.01	ppb
Vanadium	51-2	0.12	0.17	0.15	0.15	16.94	ppb
Yttrium	89-1				97		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:25:22	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	11.48	11.18	11.55	11.40	1.70	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	17.63	ppb
Zirconium	91-1	0.00	0.05	0.01	0.02	128.18	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:28:10	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93851.29	90796.65	92796.89	92481.61	1.68	ppb
Antimony	121-1	20.76	20.59	20.68	20.68	0.42	ppb
Arsenic	75-2	20.54	20.30	19.38	20.08	3.05	ppb
Barium	135-1	21.80	21.44	21.49	21.58	0.91	ppb
Barium	137-1	21.86	21.38	21.78	21.67	1.17	ppb
Beryllium	9-1	19.54	19.16	19.53	19.41	1.11	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	55.13	62.31	62.24	59.89	6.89	ppb
Boron	11-1	53.68	59.57	63.29	58.85	8.24	ppb
Bromine	81-1						cps
Cadmium	111-1	20.10	19.89	19.95	19.98	0.55	ppb
Cadmium	106-1	23.06	22.75	18.96	21.59	10.57	ppb
Cadmium	108-1	32.26	30.82	30.25	31.11	3.34	ppb
Calcium	43-1	102104.67	105905.88	104248.85	104086.47	1.83	ppb
Calcium	44-1	101422.52	104022.12	103110.88	102851.84	1.28	ppb
Chromium	52-2	38.42	39.28	38.33	38.68	1.36	ppb
Cobalt	59-2	21.10	21.14	21.00	21.08	0.35	ppb
Copper	63-2	27.64	28.22	27.69	27.85	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	101372.36	103479.96	99577.52	101476.61	1.92	ppb
Iron	56-2	101670.37	102322.07	101321.65	101771.36	0.50	ppb
Iron	57-2	102578.03	103452.33	102452.37	102827.58	0.53	ppb
Krypton	83-1						cps
Lead	206-1	24.82	23.99	24.95	24.59	2.11	ppb
Lead	207-1	23.22	22.92	23.39	23.18	1.03	ppb
Lead	208-1	23.86	23.33	24.18	23.79	1.81	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:28:10	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	99189.47	97740.10	96892.17	97940.58	1.19	ppb
Manganese	55-2	27.80	26.85	26.65	27.10	2.28	ppb
Molybdenum	94-1	1487.54	1503.74	1478.20	1489.83	0.87	ppb
Molybdenum	95-1	2012.88	2004.62	2030.04	2015.85	0.64	ppb
Molybdenum	96-1	1924.87	1918.26	1964.91	1936.01	1.30	ppb
Molybdenum	97-1	2009.52	2009.02	2040.11	2019.55	0.88	ppb
Molybdenum	98-1	1993.24	2023.37	1995.20	2003.94	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.93	25.25	24.22	24.80	2.11	ppb
Phosphorus	31-2	98308.40	98533.76	96543.69	97795.28	1.11	ppb
Potassium	39-2	102578.62	103377.54	102356.87	102771.01	0.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	18.02	17.80	20.40	18.74	7.67	ppb
Selenium	77-2	11.31	20.95	22.42	18.23	33.12	ppb
Selenium	78-2	19.00	20.11	21.29	20.13	5.68	ppb
Silicon	28-1	89.14	92.04	85.69	88.95	3.58	ppb
Silver	109-1	19.50	18.76	19.06	19.11	1.95	ppb
Silver	107-1	19.63	19.37	19.34	19.45	0.81	ppb
Sodium	23-2	103471.01	102972.40	102413.78	102952.40	0.51	ppb
Strontium	86-1	88.73	87.25	88.74	88.24	0.98	ppb
Strontium	88-1	89.49	89.22	89.95	89.55	0.41	ppb
Sulfur	34-1	78301.00	81677.12	78417.96	79465.36	2.41	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	19.99	19.77	20.57	20.11	2.06	ppb
Thallium	205-1	20.26	20.47	20.59	20.44	0.81	ppb
Tin	118-1	53.92	54.14	53.81	53.96	0.31	ppb
Titanium	47-1	1984.59	2059.40	2031.97	2025.32	1.87	ppb
Uranium	238-1	54.72	54.69	55.65	55.02	0.99	ppb
Vanadium	51-2	19.80	19.55	19.39	19.58	1.04	ppb
Yttrium	89-1				97		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:28:10	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	29.84	29.86	30.11	29.94	0.51	ppb
Zirconium	90-1	55.55	54.87	56.05	55.49	1.06	ppb
Zirconium	91-1	55.80	54.92	53.65	54.79	1.98	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:31:00	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52501.49	51973.58	58224.82	54233.30	6.39	ppb
Antimony	121-1	497.12	493.42	484.02	491.52	1.37	ppb
Arsenic	75-2	501.03	490.58	544.51	512.04	5.59	ppb
Barium	135-1	2546.10	2542.98	2474.60	2521.23	1.60	ppb
Barium	137-1	2553.26	2562.46	2535.15	2550.29	0.54	ppb
Beryllium	9-1	492.36	495.40	494.82	494.19	0.33	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	386.95	459.61	515.68	454.08	14.21	ppb
Boron	11-1	390.25	462.48	505.77	452.83	12.89	ppb
Bromine	81-1						cps
Cadmium	111-1	491.17	486.27	486.46	487.97	0.57	ppb
Cadmium	106-1	490.72	483.00	484.49	486.07	0.84	ppb
Cadmium	108-1	475.25	477.76	497.91	483.64	2.57	ppb
Calcium	43-1	257211.62	265937.59	259470.53	260873.25	1.74	ppb
Calcium	44-1	254877.08	260693.64	257873.24	257814.65	1.13	ppb
Chromium	52-2	500.56	500.26	554.96	518.59	6.07	ppb
Cobalt	59-2	480.31	479.71	531.46	497.16	5.98	ppb
Copper	63-2	4845.15	4790.37	5224.82	4953.45	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	125325.36	125761.92	137958.51	129681.93	5.53	ppb
Iron	56-2	125248.80	124461.78	137391.11	129033.90	5.62	ppb
Iron	57-2	126978.57	127062.65	139906.26	131315.82	5.67	ppb
Krypton	83-1						cps
Lead	206-1	2541.19	2524.38	2534.68	2533.42	0.33	ppb
Lead	207-1	2557.00	2521.63	2524.35	2534.32	0.78	ppb
Lead	208-1	2518.52	2520.71	2524.89	2521.37	0.13	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:31:00	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	243489.54	243068.62	268602.15	251720.10	5.81	ppb
Manganese	55-2	4897.30	4887.98	5426.35	5070.54	6.08	ppb
Molybdenum	94-1	2510.68	2498.40	2489.92	2499.67	0.42	ppb
Molybdenum	95-1	2443.16	2483.48	2468.90	2465.18	0.83	ppb
Molybdenum	96-1	2487.07	2538.32	2481.47	2502.29	1.25	ppb
Molybdenum	97-1	2499.21	2531.02	2509.97	2513.40	0.64	ppb
Molybdenum	98-1	2498.06	2494.54	2463.71	2485.44	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.26	486.49	535.01	502.25	5.65	ppb
Phosphorus	31-2	10104.08	9856.04	10667.83	10209.32	4.07	ppb
Potassium	39-2	127284.48	124735.11	143414.24	131811.28	7.68	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	489.50	489.67	486.26	488.48	0.39	ppb
Selenium	77-2	503.75	511.82	571.02	528.87	6.94	ppb
Selenium	78-2	499.48	490.31	535.76	508.52	4.73	ppb
Silicon	28-1	472.02	525.95	555.31	517.76	8.16	ppb
Silver	109-1	496.27	491.47	486.63	491.46	0.98	ppb
Silver	107-1	504.19	497.78	497.63	499.87	0.75	ppb
Sodium	23-2	249203.83	248906.22	273061.97	257057.34	5.39	ppb
Strontium	86-1	493.59	504.20	502.88	500.23	1.16	ppb
Strontium	88-1	494.90	514.10	497.14	502.05	2.09	ppb
Sulfur	34-1	5625.92	6298.79	6663.18	6195.96	8.49	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	504.48	503.40	506.06	504.65	0.26	ppb
Thallium	205-1	505.67	507.30	509.01	507.33	0.33	ppb
Tin	118-1	499.42	492.14	495.96	495.84	0.73	ppb
Titanium	47-1	2472.80	2522.77	2518.04	2504.54	1.10	ppb
Uranium	238-1	501.87	503.89	498.49	501.42	0.54	ppb
Vanadium	51-2	489.81	489.59	544.69	508.03	6.25	ppb
Yttrium	89-1				101		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:31:00	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	4824.61	4794.43	5336.25	4985.10	6.11	ppb
Zirconium	90-1	493.91	501.32	493.19	496.14	0.91	ppb
Zirconium	91-1	494.19	492.94	495.21	494.11	0.23	ppb

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 15:46:36 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.29	0.88	1.33	0.31	454.80	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00		ppb
Arsenic	75-2	0.04	0.02	0.00	0.02	109.99	ppb
Barium	135-1	-0.03	0.01	-0.04	-0.02		ppb
Barium	137-1	-0.03	-0.01	-0.01	-0.02		ppb
Beryllium	9-1	0.00	0.03	0.02	0.02	78.11	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	9.57	9.84	8.86	9.42	5.38	ppb
Boron	11-1	9.45	9.64	9.21	9.43	2.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.14	-0.03	-0.08	-0.08		ppb
Cadmium	106-1	-2.07	-0.53	-1.16	-1.25		ppb
Cadmium	108-1	-0.17	-0.01	-0.09	-0.09		ppb
Calcium	43-1	-23.55	-28.32	-16.57	-22.81		ppb
Calcium	44-1	-20.92	-10.52	-15.35	-15.60		ppb
Chromium	52-2	0.09	0.26	0.10	0.15	63.47	ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.08	0.16	0.09	0.11	38.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	-0.34	2.91	1.12	1.23	132.41	ppb
Iron	56-2	0.76	0.48	0.52	0.59	25.65	ppb
Iron	57-2	-1.22	1.72	-1.22	-0.24		ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.18	0.10	0.14	30.95	ppb
Lead	207-1	0.10	0.13	0.13	0.12	13.01	ppb
Lead	208-1	0.12	0.16	0.12	0.14	16.52	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:46:36	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				98		%
Magnesium	24-2	1.46	0.59	-0.04	0.67	112.82	ppb
Manganese	55-2	0.00	0.00	-0.07	-0.02		ppb
Molybdenum	94-1	0.09	0.03	-0.02	0.03	150.08	ppb
Molybdenum	95-1	0.03	0.01	-0.01	0.01	290.25	ppb
Molybdenum	96-1	0.02	-0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.04	0.06	0.01	0.04	66.61	ppb
Molybdenum	98-1	0.05	0.02	0.01	0.02	79.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.11	-0.03	0.04	194.57	ppb
Phosphorus	31-2	-4.76	-49.69	-30.85	-28.43		ppb
Potassium	39-2	-11.19	19.41	10.48	6.24	252.31	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-1.26	-0.55	-0.06	-0.62		ppb
Selenium	77-2	3.85	0.00	0.00	1.28	173.21	ppb
Selenium	78-2	1.32	4.44	-0.67	1.70	151.93	ppb
Silicon	28-1	-11.36	1.39	-3.73	-4.56		ppb
Silver	109-1	0.00	0.00	0.00	0.00	5.44	ppb
Silver	107-1	-0.01	0.00	0.01	0.00		ppb
Sodium	23-2	26.59	41.03	17.09	28.24	42.69	ppb
Strontium	86-1	-0.03	-0.12	-0.05	-0.06		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	130.31	ppb
Sulfur	34-1	-1657.38	53.04	-1270.48	-958.27		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.04	0.02	0.04	0.04	37.97	ppb
Thallium	205-1	0.03	0.02	0.05	0.03	51.00	ppb
Tin	118-1	0.01	0.00	0.00	0.00	235.44	ppb
Titanium	47-1	0.16	0.12	-0.32	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	59.45	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	85.18	ppb
Yttrium	89-1				95		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:46:36	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				93		%
Zinc	66-2	0.03	0.16	0.07	0.09	76.12	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	59.09	ppb
Zirconium	91-1	-0.01	-0.03	0.04	0.00		ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:49:26	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.31	22.54	21.16	21.34	5.27	ppb
Antimony	121-1	1.91	1.80	1.81	1.84	3.22	ppb
Arsenic	75-2	0.86	0.98	0.85	0.90	8.24	ppb
Barium	135-1	9.60	9.33	10.23	9.72	4.74	ppb
Barium	137-1	10.18	10.60	9.85	10.21	3.70	ppb
Beryllium	9-1	1.03	0.96	0.89	0.96	7.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	23.07	25.29	27.54	25.30	8.83	ppb
Boron	11-1	21.88	25.54	28.94	25.45	13.89	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	0.96	0.90	0.95	5.19	ppb
Cadmium	106-1	0.26	1.45	-0.75	0.32	344.61	ppb
Cadmium	108-1	0.73	0.81	0.71	0.75	7.24	ppb
Calcium	43-1	494.22	489.44	499.53	494.40	1.02	ppb
Calcium	44-1	509.70	497.59	482.03	496.44	2.79	ppb
Chromium	52-2	1.96	2.19	2.05	2.07	5.60	ppb
Cobalt	59-2	0.94	0.98	0.98	0.97	2.77	ppb
Copper	63-2	2.10	2.05	2.30	2.15	6.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	57.43	58.37	59.04	58.28	1.39	ppb
Iron	56-2	53.54	55.72	55.61	54.95	2.23	ppb
Iron	57-2	55.59	56.05	61.08	57.57	5.29	ppb
Krypton	83-1						cps
Lead	206-1	1.21	1.02	1.14	1.12	8.63	ppb
Lead	207-1	1.05	1.19	1.11	1.12	6.28	ppb
Lead	208-1	1.09	1.03	1.07	1.06	2.65	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:49:26	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	505.36	506.34	517.56	509.75	1.33	ppb
Manganese	55-2	1.12	1.01	1.09	1.07	5.48	ppb
Molybdenum	94-1	4.84	4.73	4.91	4.83	1.93	ppb
Molybdenum	95-1	5.18	5.13	5.02	5.11	1.58	ppb
Molybdenum	96-1	5.03	4.98	5.04	5.02	0.64	ppb
Molybdenum	97-1	5.43	4.90	4.99	5.11	5.57	ppb
Molybdenum	98-1	5.41	5.33	5.13	5.29	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.11	1.24	1.17	5.62	ppb
Phosphorus	31-2	64.24	-9.88	35.16	29.84	125.15	ppb
Potassium	39-2	524.70	542.59	571.95	546.41	4.37	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	5.31	5.36	4.06	4.91	15.00	ppb
Selenium	77-2	3.82	3.83	5.85	4.50	25.95	ppb
Selenium	78-2	4.67	5.88	4.20	4.92	17.63	ppb
Silicon	28-1	11.11	2.22	3.63	5.65	84.54	ppb
Silver	109-1	0.92	1.00	0.95	0.95	4.14	ppb
Silver	107-1	0.99	0.99	0.98	0.99	0.25	ppb
Sodium	23-2	536.65	551.00	543.42	543.69	1.32	ppb
Strontium	86-1	0.88	0.92	1.11	0.97	12.84	ppb
Strontium	88-1	0.98	1.02	0.99	1.00	1.91	ppb
Sulfur	34-1	-418.26	-1557.99	-1634.01	-1203.42		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.97	0.96	1.05	0.99	5.30	ppb
Thallium	205-1	1.03	0.93	1.00	0.99	5.28	ppb
Tin	118-1	5.11	4.87	4.96	4.98	2.38	ppb
Titanium	47-1	4.80	5.04	4.86	4.90	2.51	ppb
Uranium	238-1	0.94	0.94	0.91	0.93	1.94	ppb
Vanadium	51-2	4.83	5.09	4.82	4.91	3.03	ppb
Yttrium	89-1				97		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:49:26	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	2.35	2.67	2.59	2.54	6.65	ppb
Zirconium	90-1	1.00	0.97	0.89	0.95	5.81	ppb
Zirconium	91-1	0.95	0.88	0.94	0.92	3.93	ppb

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : L2445-07 Instrumnet Name : P8
 Client Sample ID : FIELD-BLANK-4-29-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 15:52:17 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	0.93	2.24	1.03	113.07	ppb
Antimony	121-1	0.04	0.02	0.02	0.02	48.80	ppb
Arsenic	75-2	0.04	0.02	0.02	0.03	47.78	ppb
Barium	135-1	1.61	1.37	1.65	1.54	9.79	ppb
Barium	137-1	1.81	1.63	1.42	1.62	12.04	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	470.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	9.66	9.21	8.81	9.22	4.59	ppb
Boron	11-1	9.22	9.31	9.03	9.18	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.10	-0.11	-0.12		ppb
Cadmium	106-1	-2.20	-1.51	-1.62	-1.78		ppb
Cadmium	108-1	-0.10	-0.10	-0.10	-0.10		ppb
Calcium	43-1	41.71	27.71	19.01	29.48	38.86	ppb
Calcium	44-1	19.65	19.69	28.78	22.71	23.16	ppb
Chromium	52-2	0.12	0.14	-0.04	0.07	136.71	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	1.69	1.76	1.70	1.72	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	-1.19	0.01	-0.49	-0.56		ppb
Iron	56-2	0.18	0.09	0.25	0.17	45.59	ppb
Iron	57-2	-0.38	0.58	-2.08	-0.63		ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.10	0.09	0.11	20.18	ppb
Lead	207-1	0.15	0.14	0.13	0.14	10.27	ppb
Lead	208-1	0.12	0.10	0.10	0.11	8.61	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	L2445-07	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK-4-29-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:52:17	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	9.85	9.07	9.22	9.38	4.43	ppb
Manganese	55-2	0.20	0.29	0.29	0.26	19.48	ppb
Molybdenum	94-1	-0.03	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.01	-0.02	0.03	0.01	430.54	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	74.11	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	29.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.05	0.05	0.01	419.55	ppb
Phosphorus	31-2	-72.97	-59.36	-43.22	-58.52		ppb
Potassium	39-2	-24.97	-19.54	-27.73	-24.08		ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-0.09	-1.23	1.18	-0.04		ppb
Selenium	77-2	1.75	1.78	0.00	1.18	86.61	ppb
Selenium	78-2	0.31	-0.85	1.00	0.15	625.15	ppb
Silicon	28-1	67.31	70.87	82.18	73.45	10.56	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	32.94	ppb
Sodium	23-2	209.25	217.16	212.05	212.82	1.88	ppb
Strontium	86-1	-0.09	-0.08	0.01	-0.06		ppb
Strontium	88-1	0.10	0.09	0.09	0.09	6.29	ppb
Sulfur	34-1	-5698.83	-4382.93	-3467.70	-4516.49		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.02	0.07	0.04	75.69	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	73.95	ppb
Tin	118-1	0.19	0.20	0.69	0.36	78.93	ppb
Titanium	47-1	-0.21	-0.07	-0.22	-0.17		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.73	ppb
Vanadium	51-2	0.03	0.01	0.01	0.02	49.06	ppb
Yttrium	89-1				104		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	L2445-07	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK-4-29-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:52:17	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	0.58	0.30	0.73	0.54	40.77	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	327.69	ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:58:04	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52580.83	52992.00	51872.12	52481.65	1.08	ppb
Antimony	121-1	476.74	485.81	481.31	481.29	0.94	ppb
Arsenic	75-2	496.65	488.89	490.99	492.18	0.82	ppb
Barium	135-1	2465.26	2471.74	2461.51	2466.17	0.21	ppb
Barium	137-1	2448.36	2508.31	2414.53	2457.07	1.93	ppb
Beryllium	9-1	497.49	502.41	509.28	503.06	1.18	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	396.61	460.60	517.65	458.28	13.21	ppb
Boron	11-1	391.56	462.95	516.57	457.03	13.72	ppb
Bromine	81-1						cps
Cadmium	111-1	468.91	476.49	471.43	472.28	0.82	ppb
Cadmium	106-1	478.38	472.42	465.86	472.22	1.33	ppb
Cadmium	108-1	465.07	471.92	473.10	470.03	0.92	ppb
Calcium	43-1	252328.80	259781.96	261936.01	258015.59	1.95	ppb
Calcium	44-1	257426.81	255302.47	259592.20	257440.49	0.83	ppb
Chromium	52-2	499.01	499.40	496.85	498.42	0.27	ppb
Cobalt	59-2	484.77	485.05	481.59	483.80	0.40	ppb
Copper	63-2	4838.68	4866.65	4829.74	4845.02	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	126114.72	125887.74	123968.39	125323.62	0.94	ppb
Iron	56-2	125813.70	126731.50	124279.11	125608.10	0.99	ppb
Iron	57-2	127650.23	128612.96	123692.27	126651.82	2.06	ppb
Krypton	83-1						cps
Lead	206-1	2482.16	2564.36	2500.03	2515.52	1.72	ppb
Lead	207-1	2460.28	2546.81	2494.05	2500.38	1.74	ppb
Lead	208-1	2447.32	2529.50	2484.99	2487.27	1.65	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:58:04	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	246066.39	250889.15	245003.94	247319.83	1.27	ppb
Manganese	55-2	5013.28	5044.31	4969.47	5009.02	0.75	ppb
Molybdenum	94-1	2461.14	2504.39	2536.39	2500.64	1.51	ppb
Molybdenum	95-1	2415.71	2488.50	2513.00	2472.40	2.05	ppb
Molybdenum	96-1	2429.39	2499.61	2485.73	2471.58	1.50	ppb
Molybdenum	97-1	2458.72	2481.95	2485.87	2475.51	0.59	ppb
Molybdenum	98-1	2411.42	2490.45	2449.76	2450.54	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.79	492.40	485.74	487.31	0.93	ppb
Phosphorus	31-2	9254.01	10414.18	9843.63	9837.27	5.90	ppb
Potassium	39-2	127276.46	127521.00	127409.06	127402.18	0.10	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	477.65	486.73	494.81	486.40	1.76	ppb
Selenium	77-2	432.78	564.36	494.52	497.22	13.24	ppb
Selenium	78-2	488.65	481.68	465.43	478.58	2.49	ppb
Silicon	28-1	454.02	495.41	556.11	501.85	10.23	ppb
Silver	109-1	479.65	475.32	466.33	473.77	1.43	ppb
Silver	107-1	475.46	491.52	478.44	481.81	1.77	ppb
Sodium	23-2	251851.21	251727.49	249948.29	251175.66	0.42	ppb
Strontium	86-1	487.15	502.22	503.41	497.59	1.82	ppb
Strontium	88-1	495.47	505.31	500.50	500.43	0.98	ppb
Sulfur	34-1	8825.25	8960.95	9215.97	9000.72	2.20	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	487.56	498.20	503.42	496.39	1.63	ppb
Thallium	205-1	496.05	501.51	510.76	502.77	1.48	ppb
Tin	118-1	483.84	485.17	473.00	480.67	1.39	ppb
Titanium	47-1	2458.11	2473.00	2531.17	2487.43	1.55	ppb
Uranium	238-1	494.86	488.51	493.98	492.45	0.70	ppb
Vanadium	51-2	492.45	493.83	486.37	490.88	0.81	ppb
Yttrium	89-1				101		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:58:04	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	4826.62	4878.09	4812.36	4839.02	0.71	ppb
Zirconium	90-1	487.93	499.46	493.67	493.69	1.17	ppb
Zirconium	91-1	485.44	488.44	491.07	488.32	0.58	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 16:12:23	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.37	-0.33	4.09	2.04	109.19	ppb
Antimony	121-1	0.01	0.02	0.02	0.01	54.13	ppb
Arsenic	75-2	0.03	0.01	0.00	0.01	122.34	ppb
Barium	135-1	-0.03	-0.03	0.00	-0.02		ppb
Barium	137-1	-0.04	0.00	-0.02	-0.02		ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	81.82	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	10.87	11.33	10.87	11.02	2.42	ppb
Boron	11-1	11.37	10.96	11.34	11.22	2.03	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.03	-0.04	-0.07		ppb
Cadmium	106-1	-2.13	-0.58	-0.87	-1.19		ppb
Cadmium	108-1	-0.17	-0.09	-0.17	-0.14		ppb
Calcium	43-1	-18.63	-22.03	-17.58	-19.41		ppb
Calcium	44-1	-2.47	-24.66	-8.41	-11.85		ppb
Chromium	52-2	0.22	0.19	0.18	0.20	10.69	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.14	0.17	0.12	0.14	16.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	54-2	4.40	-0.52	3.00	2.30	110.37	ppb
Iron	56-2	0.26	0.15	0.43	0.28	50.07	ppb
Iron	57-2	-2.26	-0.74	-1.04	-1.35		ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.12	0.18	27.04	ppb
Lead	207-1	0.13	0.18	0.16	0.16	16.20	ppb
Lead	208-1	0.17	0.17	0.16	0.17	5.34	ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 16:12:23	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				94		%
Magnesium	24-2	0.78	0.20	-0.40	0.20	302.55	ppb
Manganese	55-2	0.00	-0.03	0.09	0.02	348.60	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.02	0.02	-0.01	0.01	209.94	ppb
Molybdenum	96-1	0.02	0.02	-0.01	0.01	136.99	ppb
Molybdenum	97-1	0.06	0.00	-0.01	0.02	216.82	ppb
Molybdenum	98-1	0.04	0.00	0.00	0.01	205.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.11	0.03	237.12	ppb
Phosphorus	31-2	-69.07	-32.75	-11.94	-37.92		ppb
Potassium	39-2	21.16	19.95	12.14	17.75	27.56	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	-0.47	0.74	-0.36	-0.03		ppb
Selenium	77-2	0.00	2.03	2.00	1.34	86.61	ppb
Selenium	78-2	0.66	1.02	0.92	0.87	21.41	ppb
Silicon	28-1	11.99	2.47	8.44	7.63	62.98	ppb
Silver	109-1	0.00	0.01	0.00	0.00	79.56	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	30.74	19.03	18.32	22.70	30.73	ppb
Strontium	86-1	0.12	-0.08	-0.13	-0.03		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	55.14	ppb
Sulfur	34-1	2621.89	-95.32	1186.31	1237.63	109.83	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.03	0.02	0.06	0.04	54.66	ppb
Thallium	205-1	0.02	0.04	0.03	0.03	22.24	ppb
Tin	118-1	0.02	-0.04	-0.01	-0.01		ppb
Titanium	47-1	0.12	0.11	-0.22	0.00	17200.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	148.69	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	186.58	ppb
Yttrium	89-1				91		%

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 16:12:23	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				91		%
Zinc	66-2	0.33	0.12	0.11	0.19	65.65	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	122.59	ppb
Zirconium	91-1	-0.01	-0.01	0.02	0.00		ppb

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:03:15	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	310	296	299	3.16	cps
Antimony	121-1	17	8	58	28	96.44	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	33	17	58	36	58.07	cps
Barium	137-1	75	75	50	67	21.65	cps
Beryllium	9-1	32	14	30	25	38.93	cps
Bismuth	209-1	1520474	1529081	1526961	1525505	0.29	cps
Bismuth	209-2	867947	842612	859214	856591	1.50	cps
Boron	10-1	154	164	132	150	10.91	cps
Boron	11-1	806	734	724	755	5.93	cps
Bromine	81-1	2343	2393	2413	2383	1.52	cps
Cadmium	111-1	700	703	736	713	2.84	cps
Cadmium	106-1	1000	1017	1050	1022	2.49	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	675	742	658	692	6.37	cps
Calcium	44-1	26709	26951	27101	26920	0.74	cps
Chromium	52-2	1110	1080	1117	1102	1.77	cps
Cobalt	59-2	53	73	93	73	27.27	cps
Copper	63-2	490	400	437	442	10.23	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	2419243	2461215	2421205	2433888	0.97	cps
Holmium	165-2	1236310	1194618	1216033	1215654	1.71	cps
Indium	115-1	2271666	2304463	2251669	2275933	1.17	cps
Indium	115-2	397649	387615	392225	392496	1.28	cps
Iron	54-2	500	394	450	448	11.78	cps
Iron	56-2	3006	2828	2845	2893	3.39	cps
Iron	57-2	106	139	144	130	16.22	cps
Krypton	83-1	470	477	443	463	3.81	cps
Lead	206-1	228	233	200	220	8.10	cps
Lead	207-1	194	189	139	174	17.58	cps
Lead	208-1	878	922	878	893	2.87	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:03:15	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	625196	627368	623369	625311	0.32	cps
Magnesium	24-2	192	217	242	217	11.54	cps
Manganese	55-2	83	103	110	99	14.04	cps
Molybdenum	94-1	67	75	133	92	39.63	cps
Molybdenum	95-1	50	50	8	36	66.62	cps
Molybdenum	96-1	83	117	75	92	24.05	cps
Molybdenum	97-1	17	0	8	8	100.02	cps
Molybdenum	98-1	25	17	17	19	24.73	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	180	133	80	131	38.16	cps
Phosphorus	31-2	225	267	283	258	11.63	cps
Potassium	39-2	22677	23862	22626	23055	3.03	cps
Rhodium	103-1	2236137	2260935	2205020	2234031	1.25	cps
Rhodium	103-2	1150761	1114039	1145497	1136766	1.75	cps
Scandium	45-1	1566469	1600483	1542747	1569900	1.85	cps
Scandium	45-2	57227	57210	56598	57012	0.63	cps
Selenium	82-1	-44	-33	11	-22	-131.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	38	38	40	8.66	cps
Silicon	28-1	537210	539359	545089	540552	0.75	cps
Silver	109-1	25	17	25	22	21.64	cps
Silver	107-1	75	42	42	53	36.46	cps
Sodium	23-2	29288	29430	29756	29492	0.81	cps
Strontium	86-1	808	742	792	781	4.45	cps
Strontium	88-1	175	125	192	164	21.17	cps
Sulfur	34-1	532563	535896	535290	534583	0.33	cps
Terbium	159-1	2609731	2610944	2579993	2600223	0.67	cps
Terbium	159-2	1240192	1201604	1219341	1220379	1.58	cps
Thallium	203-1	50	92	58	67	33.07	cps
Thallium	205-1	183	192	142	172	15.55	cps
Tin	118-1	425	333	375	378	12.15	cps
Titanium	47-1	642	425	500	522	21.07	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	17	10	17	14	26.66	cps
Yttrium	89-1	4013155	4142937	4077755	4077949	1.59	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:03:15	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	513239	498600	507684	506508	1.46	cps
Zinc	66-2	97	100	87	94	7.35	cps
Zirconium	90-1	142	133	208	161	25.51	cps
Zirconium	91-1	50	58	50	53	9.12	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:06:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	754	794	752	767	3.09	cps
Antimony	121-1	6852	6969	7035	6952	1.34	cps
Arsenic	75-2	117	135	164	139	17.10	cps
Barium	135-1	6835	6702	7069	6869	2.70	cps
Barium	137-1	12423	11822	12406	12217	2.80	cps
Beryllium	9-1	738	676	704	706	4.40	cps
Bismuth	209-1	1547528	1558114	1549313	1551651	0.37	cps
Bismuth	209-2	895575	856408	845944	865975	3.02	cps
Boron	10-1	1196	1278	1388	1287	7.48	cps
Boron	11-1	5508	6500	6930	6313	11.55	cps
Bromine	81-1	2553	2243	2132	2309	9.44	cps
Cadmium	111-1	1614	1517	1525	1552	3.47	cps
Cadmium	106-1	1208	1067	1150	1142	6.24	cps
Cadmium	108-1	75	54	54	61	19.68	cps
Calcium	43-1	5409	5118	5151	5226	3.06	cps
Calcium	44-1	101071	99921	101658	100883	0.88	cps
Chromium	52-2	2977	3007	3040	3008	1.05	cps
Cobalt	59-2	1633	1707	1677	1672	2.21	cps
Copper	63-2	3277	3334	3160	3257	2.71	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	42	42	0	28	86.60	cps
Gadolinium	160-2	13	23	3	13	75.02	cps
Holmium	165-1	2477061	2502671	2525949	2501893	0.98	cps
Holmium	165-2	1283531	1212214	1205596	1233780	3.50	cps
Indium	115-1	2347111	2346417	2397515	2363681	1.24	cps
Indium	115-2	411101	397393	388975	399156	2.80	cps
Iron	54-2	2911	2873	2500	2761	8.22	cps
Iron	56-2	43979	42681	43283	43314	1.50	cps
Iron	57-2	1017	1039	1033	1030	1.12	cps
Krypton	83-1	443	457	470	457	2.92	cps
Lead	206-1	1945	2000	2267	2071	8.32	cps
Lead	207-1	1767	1717	1884	1789	4.78	cps
Lead	208-1	8162	8185	8385	8244	1.48	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:06:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	629889	626945	633292	630042	0.50	cps
Magnesium	24-2	32053	30098	31685	31279	3.32	cps
Manganese	55-2	637	513	597	582	10.81	cps
Molybdenum	94-1	6677	6702	6560	6646	1.14	cps
Molybdenum	95-1	8745	8053	8486	8428	4.15	cps
Molybdenum	96-1	9403	9795	9453	9551	2.23	cps
Molybdenum	97-1	5251	5068	5251	5190	2.04	cps
Molybdenum	98-1	13624	13649	13690	13654	0.25	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	667	663	720	683	4.65	cps
Phosphorus	31-2	300	392	300	331	16.01	cps
Potassium	39-2	48006	46408	47755	47390	1.81	cps
Rhodium	103-1	2292836	2311133	2333583	2312517	0.88	cps
Rhodium	103-2	1185700	1127290	1112238	1141743	3.40	cps
Scandium	45-1	1571022	1597695	1593487	1587402	0.90	cps
Scandium	45-2	60497	57317	56079	57964	3.93	cps
Selenium	82-1	275	314	271	287	8.24	cps
Selenium	77-2	17	7	10	11	45.82	cps
Selenium	78-2	62	74	78	71	11.67	cps
Silicon	28-1	570593	564405	566625	567208	0.55	cps
Silver	109-1	3492	3667	4084	3748	8.11	cps
Silver	107-1	4192	3551	4417	4053	11.10	cps
Sodium	23-2	90849	87386	89835	89357	1.99	cps
Strontium	86-1	1633	1792	1675	1700	4.83	cps
Strontium	88-1	8803	8853	8736	8797	0.67	cps
Sulfur	34-1	539870	545479	535398	540249	0.93	cps
Terbium	159-1	2640732	2626108	2660236	2642359	0.65	cps
Terbium	159-2	1282038	1211817	1201849	1231901	3.55	cps
Thallium	203-1	2409	2384	2234	2342	4.04	cps
Thallium	205-1	5360	5668	5593	5540	2.90	cps
Tin	118-1	13232	12765	12514	12837	2.84	cps
Titanium	47-1	3150	2642	2784	2859	9.18	cps
Uranium	238-1	6619	7177	6735	6844	4.31	cps
Vanadium	51-2	4121	4044	4111	4092	1.02	cps
Yttrium	89-1	4067490	4172909	4082718	4107706	1.39	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:06:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	533805	507072	495899	512258	3.80	cps
Zinc	66-2	520	547	510	526	3.61	cps
Zirconium	90-1	4668	5360	4993	5007	6.91	cps
Zirconium	91-1	1308	1175	1350	1278	7.15	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:12:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22747	22667	22783	22732	0.26	cps
Antimony	121-1	183079	182269	181637	182328	0.40	cps
Arsenic	75-2	6803	6700	6972	6825	2.01	cps
Barium	135-1	178938	182052	179856	180282	0.89	cps
Barium	137-1	312536	311562	304981	309693	1.33	cps
Beryllium	9-1	36071	35756	36111	35979	0.54	cps
Bismuth	209-1	1555317	1545354	1548844	1549838	0.33	cps
Bismuth	209-2	890803	889372	891165	890447	0.11	cps
Boron	10-1	2680	2840	3104	2874	7.45	cps
Boron	11-1	12781	14408	15113	14101	8.48	cps
Bromine	81-1	2212	2353	2443	2336	4.97	cps
Cadmium	111-1	42058	42558	41637	42084	1.10	cps
Cadmium	106-1	4859	5184	5168	5071	3.61	cps
Cadmium	108-1	2767	2909	3025	2900	4.46	cps
Calcium	43-1	47328	48482	47830	47880	1.21	cps
Calcium	44-1	793062	809566	794211	798946	1.15	cps
Chromium	52-2	52529	52944	52335	52603	0.59	cps
Cobalt	59-2	90632	89982	91525	90713	0.85	cps
Copper	63-2	687646	695158	696044	692949	0.67	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	58	25	17	33	66.13	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	2420670	2497266	2469421	2462452	1.57	cps
Holmium	165-2	1262223	1267308	1273638	1267723	0.45	cps
Indium	115-1	2294689	2354055	2373452	2340732	1.75	cps
Indium	115-2	407287	403787	409483	406852	0.71	cps
Iron	54-2	111246	112780	112579	112202	0.74	cps
Iron	56-2	2026846	2036925	2054074	2039281	0.68	cps
Iron	57-2	50584	50523	50389	50499	0.20	cps
Krypton	83-1	437	480	433	450	5.79	cps
Lead	206-1	486235	482868	482767	483956	0.41	cps
Lead	207-1	433630	439628	431701	434986	0.95	cps
Lead	208-1	1962703	1970774	1959273	1964250	0.30	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:12:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	628147	636010	629587	631248	0.66	cps
Magnesium	24-2	327183	330374	327352	328303	0.55	cps
Manganese	55-2	251272	247910	249251	249477	0.68	cps
Molybdenum	94-1	335406	334274	336174	335284	0.29	cps
Molybdenum	95-1	417363	410312	412083	413253	0.89	cps
Molybdenum	96-1	458880	462598	455321	458933	0.79	cps
Molybdenum	97-1	257175	257497	251072	255248	1.42	cps
Molybdenum	98-1	654367	657336	657903	656535	0.29	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	24671	25092	25409	25058	1.48	cps
Phosphorus	31-2	1642	1758	1900	1767	7.32	cps
Potassium	39-2	150958	148577	152324	150620	1.26	cps
Rhodium	103-1	2275690	2276326	2290353	2280790	0.36	cps
Rhodium	103-2	1166064	1164749	1168681	1166498	0.17	cps
Scandium	45-1	1551025	1640314	1610621	1600653	2.84	cps
Scandium	45-2	57896	59154	59268	58773	1.30	cps
Selenium	82-1	2683	2687	2937	2769	5.26	cps
Selenium	77-2	100	90	113	101	11.58	cps
Selenium	78-2	373	377	357	369	2.87	cps
Silicon	28-1	676721	689182	692459	686121	1.21	cps
Silver	109-1	200606	198734	195479	198273	1.31	cps
Silver	107-1	208898	210557	207678	209044	0.69	cps
Sodium	23-2	660173	659336	662016	660508	0.21	cps
Strontium	86-1	51379	50943	52122	51481	1.16	cps
Strontium	88-1	439184	447654	446006	444282	1.01	cps
Sulfur	34-1	549891	543736	542411	545346	0.73	cps
Terbium	159-1	2611444	2624431	2635099	2623658	0.45	cps
Terbium	159-2	1272352	1256007	1262861	1263740	0.65	cps
Thallium	203-1	120919	121355	122507	121594	0.67	cps
Thallium	205-1	289899	285977	282757	286211	1.25	cps
Tin	118-1	125446	126362	123681	125163	1.09	cps
Titanium	47-1	120184	120948	119251	120128	0.71	cps
Uranium	238-1	346305	345033	349215	346851	0.62	cps
Vanadium	51-2	40932	40972	40758	40887	0.28	cps
Yttrium	89-1	4095764	4184112	4172117	4150665	1.15	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:12:45	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	519635	521959	522765	521453	0.31	cps
Zinc	66-2	96405	95572	98197	96725	1.39	cps
Zirconium	90-1	281292	280132	278285	279903	0.54	cps
Zirconium	91-1	62005	62767	62557	62443	0.63	cps

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 13:15:53 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56413	56596	56566	56525	0.17	cps
Antimony	121-1	465189	468509	473004	468901	0.84	cps
Arsenic	75-2	17354	17358	17077	17263	0.93	cps
Barium	135-1	456943	467347	468618	464303	1.38	cps
Barium	137-1	794888	797297	800210	797465	0.33	cps
Beryllium	9-1	92555	93492	92382	92810	0.64	cps
Bismuth	209-1	1585082	1601734	1616056	1600957	0.97	cps
Bismuth	209-2	898548	903485	926128	909387	1.62	cps
Boron	10-1	6510	7508	7957	7325	10.11	cps
Boron	11-1	30964	35297	37538	34600	9.66	cps
Bromine	81-1	2122	2363	2453	2313	7.39	cps
Cadmium	111-1	108430	107980	110141	108850	1.05	cps
Cadmium	106-1	11964	12339	12648	12317	2.78	cps
Cadmium	108-1	7844	7465	7794	7701	2.68	cps
Calcium	43-1	121350	125511	123797	123553	1.69	cps
Calcium	44-1	2009281	1996368	1987659	1997769	0.54	cps
Chromium	52-2	131508	132826	131238	131858	0.64	cps
Cobalt	59-2	230080	232348	232112	231514	0.54	cps
Copper	63-2	1752914	1788382	1780109	1773802	1.05	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	25	58	50	44	39.04	cps
Gadolinium	160-2	7	3	27	12	103.26	cps
Holmium	165-1	2565353	2545606	2576947	2562635	0.62	cps
Holmium	165-2	1273600	1287129	1283139	1281289	0.54	cps
Indium	115-1	2392724	2435448	2421888	2416687	0.90	cps
Indium	115-2	408387	412255	413444	411362	0.64	cps
Iron	54-2	285305	284035	281139	283493	0.75	cps
Iron	56-2	5094323	5112484	5154928	5120578	0.61	cps
Iron	57-2	126348	127195	126752	126765	0.33	cps
Krypton	83-1	473	460	450	461	2.54	cps
Lead	206-1	1232503	1265887	1259539	1252643	1.42	cps
Lead	207-1	1105743	1136054	1142203	1128000	1.73	cps
Lead	208-1	5034178	5152101	5205500	5130593	1.71	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:15:53	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	650065	658355	656807	655076	0.67	cps
Magnesium	24-2	826309	822139	826199	824882	0.29	cps
Manganese	55-2	631774	628577	631485	630612	0.28	cps
Molybdenum	94-1	860915	867115	861343	863124	0.40	cps
Molybdenum	95-1	1050047	1059223	1071275	1060182	1.00	cps
Molybdenum	96-1	1166516	1171382	1195037	1177645	1.30	cps
Molybdenum	97-1	654751	654088	666421	658420	1.05	cps
Molybdenum	98-1	1696010	1684976	1686570	1689185	0.35	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	62664	63340	62684	62896	0.61	cps
Phosphorus	31-2	4084	4051	3967	4034	1.49	cps
Potassium	39-2	348725	344620	341756	345033	1.02	cps
Rhodium	103-1	2339484	2349209	2383579	2357424	0.98	cps
Rhodium	103-2	1163676	1185000	1175473	1174716	0.91	cps
Scandium	45-1	1660324	1653056	1639530	1650970	0.64	cps
Scandium	45-2	58729	59128	59780	59212	0.90	cps
Selenium	82-1	6946	7128	7127	7067	1.49	cps
Selenium	77-2	287	260	257	268	6.14	cps
Selenium	78-2	855	878	848	860	1.82	cps
Silicon	28-1	883402	910013	914499	902638	1.86	cps
Silver	109-1	508392	514625	510985	511334	0.61	cps
Silver	107-1	532305	537110	546460	538625	1.34	cps
Sodium	23-2	1653861	1620628	1620050	1631513	1.19	cps
Strontium	86-1	129941	133063	131222	131408	1.19	cps
Strontium	88-1	1122564	1147966	1145277	1138602	1.23	cps
Sulfur	34-1	564258	568856	565030	566048	0.44	cps
Terbium	159-1	2676113	2722478	2731202	2709931	1.09	cps
Terbium	159-2	1274267	1293276	1289381	1285642	0.78	cps
Thallium	203-1	306888	311025	313222	310378	1.04	cps
Thallium	205-1	736134	741640	746272	741349	0.68	cps
Tin	118-1	318867	323791	325946	322868	1.12	cps
Titanium	47-1	306985	311446	312143	310191	0.90	cps
Uranium	238-1	900212	905711	915586	907170	0.86	cps
Vanadium	51-2	104669	105304	103118	104364	1.08	cps
Yttrium	89-1	4189625	4212452	4219080	4207052	0.37	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:15:53	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	525838	526619	532796	528417	0.72	cps
Zinc	66-2	243633	245301	242376	243770	0.60	cps
Zirconium	90-1	706823	711872	709719	709471	0.36	cps
Zirconium	91-1	156927	158124	158840	157963	0.61	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:18:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116893	117058	112284	115411	2.35	cps
Antimony	121-1	979000	931859	961222	957360	2.49	cps
Arsenic	75-2	35564	35820	34718	35367	1.63	cps
Barium	135-1	954169	928996	945713	942959	1.36	cps
Barium	137-1	1597590	1573807	1628039	1599812	1.70	cps
Beryllium	9-1	192736	181026	188899	187553	3.18	cps
Bismuth	209-1	1628732	1555628	1615625	1599995	2.44	cps
Bismuth	209-2	816735	917507	904025	879422	6.22	cps
Boron	10-1	12887	13878	15249	14005	8.47	cps
Boron	11-1	62722	66803	73495	67674	8.04	cps
Bromine	81-1	2303	2092	2313	2236	5.56	cps
Cadmium	111-1	221983	212774	217306	217354	2.12	cps
Cadmium	106-1	24397	23345	22728	23490	3.59	cps
Cadmium	108-1	15688	15304	15838	15610	1.76	cps
Calcium	43-1	253143	241217	249021	247794	2.44	cps
Calcium	44-1	3996345	3868312	4006631	3957096	1.95	cps
Chromium	52-2	269400	270525	258320	266082	2.54	cps
Cobalt	59-2	471626	475547	457531	468235	2.02	cps
Copper	63-2	3641582	3628132	3487137	3585617	2.39	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	17	23	10	17	39.99	cps
Holmium	165-1	2571881	2479588	2543894	2531788	1.87	cps
Holmium	165-2	1165442	1305855	1266762	1246019	5.82	cps
Indium	115-1	2452856	2350070	2389019	2397315	2.16	cps
Indium	115-2	365851	416469	405098	395806	6.71	cps
Iron	54-2	580341	580582	561911	574278	1.87	cps
Iron	56-2	10576237	10575788	10125798	10425941	2.49	cps
Iron	57-2	265481	264157	254795	261477	2.23	cps
Krypton	83-1	467	453	437	452	3.32	cps
Lead	206-1	2656670	2590707	2611848	2619742	1.29	cps
Lead	207-1	2358194	2255543	2337497	2317078	2.34	cps
Lead	208-1	10635882	10252085	10502650	10463539	1.86	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:18:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	666260	629789	644729	646926	2.83	cps
Magnesium	24-2	1684518	1677039	1633248	1664935	1.66	cps
Manganese	55-2	1300867	1296018	1242180	1279688	2.55	cps
Molybdenum	94-1	1769230	1714308	1754090	1745876	1.62	cps
Molybdenum	95-1	2189637	2106258	2122806	2139567	2.06	cps
Molybdenum	96-1	2432633	2372847	2413486	2406322	1.27	cps
Molybdenum	97-1	1364698	1311986	1335531	1337405	1.97	cps
Molybdenum	98-1	3409245	3317853	3356209	3361102	1.37	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	0	0	23	8	173.21	cps
Nickel	60-2	129940	130283	124818	128347	2.38	cps
Phosphorus	31-2	7202	7310	7652	7388	3.18	cps
Potassium	39-2	685626	684229	665376	678411	1.67	cps
Rhodium	103-1	2388123	2246868	2347633	2327541	3.13	cps
Rhodium	103-2	1043072	1189139	1160895	1131035	6.85	cps
Scandium	45-1	1679903	1582434	1620625	1627654	3.02	cps
Scandium	45-2	52132	58224	58281	56212	6.29	cps
Selenium	82-1	14267	14008	14406	14227	1.42	cps
Selenium	77-2	500	447	487	478	5.81	cps
Selenium	78-2	1645	1736	1580	1654	4.74	cps
Silicon	28-1	977003	984218	991014	984078	0.71	cps
Silver	109-1	1071426	1028071	1029626	1043041	2.36	cps
Silver	107-1	1096646	1075207	1092321	1088058	1.04	cps
Sodium	23-2	3277597	3292495	3151340	3240477	2.39	cps
Strontium	86-1	271697	262639	268473	267603	1.72	cps
Strontium	88-1	2298178	2250486	2326642	2291769	1.68	cps
Sulfur	34-1	594037	587896	587317	589750	0.63	cps
Terbium	159-1	2743690	2621167	2728722	2697859	2.48	cps
Terbium	159-2	1172496	1298292	1284264	1251684	5.51	cps
Thallium	203-1	656552	617882	645587	640007	3.11	cps
Thallium	205-1	1529607	1466548	1518094	1504750	2.23	cps
Tin	118-1	667246	640711	662193	656717	2.15	cps
Titanium	47-1	632518	608010	624385	621638	2.01	cps
Uranium	238-1	1878021	1792391	1873650	1848021	2.61	cps
Vanadium	51-2	215058	215452	206486	212332	2.39	cps
Yttrium	89-1	4366240	4218110	4242990	4275780	1.86	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:18:59	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	468755	536012	517433	507400	6.85	cps
Zinc	66-2	500825	507681	483051	497186	2.56	cps
Zirconium	90-1	1472513	1400791	1451463	1441589	2.56	cps
Zirconium	91-1	330683	315650	329886	325406	2.60	cps

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 13:21:58 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219093	220063	216846	218667	0.75	cps
Antimony	121-1	1871231	1902291	1842092	1871871	1.61	cps
Arsenic	75-2	66712	67092	66834	66879	0.29	cps
Barium	135-1	1821658	1867401	1839129	1842729	1.25	cps
Barium	137-1	3121016	3167360	3120243	3136207	0.86	cps
Beryllium	9-1	363782	361565	366630	363992	0.70	cps
Bismuth	209-1	1618656	1614991	1601557	1611734	0.56	cps
Bismuth	209-2	900808	907660	901003	903157	0.43	cps
Boron	10-1	24335	27985	29664	27328	9.97	cps
Boron	11-1	118027	134332	145551	132637	10.43	cps
Bromine	81-1	2303	2423	2032	2253	8.88	cps
Cadmium	111-1	425408	426060	427294	426254	0.22	cps
Cadmium	106-1	44297	44322	44982	44534	0.87	cps
Cadmium	108-1	30576	30851	30655	30694	0.46	cps
Calcium	43-1	474975	483462	479547	479328	0.89	cps
Calcium	44-1	7674315	7743771	7547692	7655259	1.30	cps
Chromium	52-2	510782	510440	509110	510111	0.17	cps
Cobalt	59-2	895330	896763	888524	893539	0.49	cps
Copper	63-2	6638485	6676895	6690517	6668632	0.40	cps
Dysprosium	156-1	17	58	25	33	66.13	cps
Dysprosium	156-2	17	20	3	13	66.16	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	27	20	7	18	57.27	cps
Gadolinium	160-1	42	92	17	50	76.37	cps
Gadolinium	160-2	47	10	13	23	86.91	cps
Holmium	165-1	2578606	2567244	2620222	2588691	1.08	cps
Holmium	165-2	1283884	1286721	1285505	1285370	0.11	cps
Indium	115-1	2422350	2385004	2417284	2408213	0.84	cps
Indium	115-2	401660	402693	401713	402022	0.14	cps
Iron	54-2	1099002	1114802	1105861	1106555	0.72	cps
Iron	56-2	19638690	20044056	19845733	19842826	1.02	cps
Iron	57-2	501408	498741	497264	499138	0.42	cps
Krypton	83-1	450	543	420	471	13.65	cps
Lead	206-1	5228677	5236537	5177675	5214296	0.61	cps
Lead	207-1	4567694	4661590	4599874	4609719	1.04	cps
Lead	208-1	20644537	20808056	20643667	20698754	0.46	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:21:58	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	656320	653247	653361	654309	0.27	cps
Magnesium	24-2	3167169	3200261	3124773	3164068	1.20	cps
Manganese	55-2	2413024	2467855	2442709	2441196	1.12	cps
Molybdenum	94-1	3360640	3386165	3354054	3366953	0.50	cps
Molybdenum	95-1	4146085	4159808	4151064	4152319	0.17	cps
Molybdenum	96-1	4654697	4587538	4642553	4628263	0.77	cps
Molybdenum	97-1	2602171	2548169	2570132	2573491	1.06	cps
Molybdenum	98-1	6697690	6664291	6495301	6619094	1.64	cps
Neodymium	150-1	73	53	60	62	16.37	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	242920	245564	243515	244000	0.57	cps
Phosphorus	31-2	14324	14583	14441	14449	0.90	cps
Potassium	39-2	1242853	1273992	1271791	1262879	1.38	cps
Rhodium	103-1	2341144	2324529	2310294	2325322	0.66	cps
Rhodium	103-2	1148699	1139075	1142257	1143344	0.43	cps
Scandium	45-1	1651120	1652186	1633943	1645750	0.62	cps
Scandium	45-2	58067	58759	58314	58380	0.60	cps
Selenium	82-1	27606	27598	27729	27645	0.27	cps
Selenium	77-2	887	973	927	929	4.67	cps
Selenium	78-2	3213	3224	3179	3205	0.73	cps
Silicon	28-1	1578314	1653940	1699970	1644075	3.74	cps
Silver	109-1	2022073	2033502	2033132	2029569	0.32	cps
Silver	107-1	2084266	2135214	2126605	2115362	1.29	cps
Sodium	23-2	6102420	6154993	6105338	6120917	0.48	cps
Strontium	86-1	525805	525272	519740	523606	0.64	cps
Strontium	88-1	4488286	4373251	4505616	4455717	1.61	cps
Sulfur	34-1	650406	651214	652824	651481	0.19	cps
Terbium	159-1	2728669	2759995	2743529	2744064	0.57	cps
Terbium	159-2	1290014	1302255	1273239	1288503	1.13	cps
Thallium	203-1	1237564	1262178	1252204	1250649	0.99	cps
Thallium	205-1	2901917	3037960	2911218	2950365	2.58	cps
Tin	118-1	1290450	1289145	1289649	1289748	0.05	cps
Titanium	47-1	1216148	1224247	1223423	1221273	0.36	cps
Uranium	238-1	3710513	3686902	3701016	3699477	0.32	cps
Vanadium	51-2	403553	407066	406875	405831	0.49	cps
Yttrium	89-1	4285830	4276793	4297486	4286703	0.24	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:21:58	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	515603	520268	520133	518668	0.51	cps
Zinc	66-2	940056	942776	934848	939227	0.43	cps
Zirconium	90-1	2841012	2795582	2839697	2825430	0.92	cps
Zirconium	91-1	635258	638117	640293	637889	0.40	cps

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 13:24:58 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	424587	426702	425837	425709	0.25	cps
Antimony	121-1	3636720	3617986	3604123	3619610	0.45	cps
Arsenic	75-2	130016	131482	130928	130809	0.57	cps
Barium	135-1	3597126	3530079	3603143	3576783	1.13	cps
Barium	137-1	6075104	5988601	6076527	6046744	0.83	cps
Beryllium	9-1	707211	704226	699116	703518	0.58	cps
Bismuth	209-1	1585598	1573589	1567817	1575668	0.58	cps
Bismuth	209-2	885447	892616	903131	893731	1.00	cps
Boron	10-1	49372	55593	59443	54803	9.27	cps
Boron	11-1	238013	267633	289221	264955	9.70	cps
Bromine	81-1	2172	2192	2202	2189	0.70	cps
Cadmium	111-1	817231	820470	811758	816486	0.54	cps
Cadmium	106-1	84651	84215	84115	84327	0.34	cps
Cadmium	108-1	58502	59281	58812	58865	0.67	cps
Calcium	43-1	952658	944473	935110	944080	0.93	cps
Calcium	44-1	14937088	14887124	14800331	14874848	0.47	cps
Chromium	52-2	979720	989729	984762	984737	0.51	cps
Cobalt	59-2	1744638	1739439	1725960	1736679	0.56	cps
Copper	63-2	12930789	13039885	12884976	12951883	0.61	cps
Dysprosium	156-1	42	92	42	58	49.48	cps
Dysprosium	156-2	30	27	37	31	16.37	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	108	50	58	72	43.69	cps
Gadolinium	160-2	13	47	43	34	53.31	cps
Holmium	165-1	2606523	2542681	2537579	2562261	1.50	cps
Holmium	165-2	1271048	1287948	1294512	1284503	0.94	cps
Indium	115-1	2331620	2375173	2283137	2329976	1.98	cps
Indium	115-2	391955	392341	392134	392143	0.05	cps
Iron	54-2	2159716	2175355	2148216	2161096	0.63	cps
Iron	56-2	38764045	38909745	38443006	38705599	0.62	cps
Iron	57-2	963885	968387	959664	963979	0.45	cps
Krypton	83-1	440	427	473	447	5.38	cps
Lead	206-1	10173003	10070000	10128782	10123928	0.51	cps
Lead	207-1	8968602	8867322	9036081	8957335	0.95	cps
Lead	208-1	40591300	40298839	40922268	40604136	0.77	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:24:58	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	645051	641018	637704	641258	0.57	cps
Magnesium	24-2	6086053	6141030	6104547	6110543	0.46	cps
Manganese	55-2	4646718	4680569	4718787	4682025	0.77	cps
Molybdenum	94-1	6606245	6622545	6519055	6582615	0.85	cps
Molybdenum	95-1	8027048	8224477	8004037	8085187	1.50	cps
Molybdenum	96-1	9051697	9111033	8945698	9036143	0.93	cps
Molybdenum	97-1	5017132	4973079	4932712	4974308	0.85	cps
Molybdenum	98-1	13017852	12931208	12843212	12930758	0.68	cps
Neodymium	150-1	93	127	120	113	15.56	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	469472	471837	468482	469930	0.37	cps
Phosphorus	31-2	27644	27118	27218	27326	1.02	cps
Potassium	39-2	2411287	2373147	2398981	2394472	0.81	cps
Rhodium	103-1	2287459	2233874	2200929	2240754	1.95	cps
Rhodium	103-2	1124340	1130316	1127886	1127514	0.27	cps
Scandium	45-1	1601252	1574950	1564527	1580243	1.20	cps
Scandium	45-2	55661	56430	57574	56555	1.70	cps
Selenium	82-1	53669	53544	53241	53485	0.41	cps
Selenium	77-2	1913	1800	1723	1812	5.27	cps
Selenium	78-2	6045	6229	6072	6115	1.63	cps
Silicon	28-1	2441061	2530268	2524071	2498467	1.99	cps
Silver	109-1	3878655	3894014	3886272	3886314	0.20	cps
Silver	107-1	4052374	3957009	4027069	4012151	1.23	cps
Sodium	23-2	11708863	11846449	11869475	11808262	0.74	cps
Strontium	86-1	1023150	999703	1006925	1009926	1.19	cps
Strontium	88-1	8712691	8600435	8514405	8609177	1.15	cps
Sulfur	34-1	764830	767199	759928	763985	0.49	cps
Terbium	159-1	2712220	2681215	2677879	2690438	0.70	cps
Terbium	159-2	1271004	1287530	1278055	1278863	0.65	cps
Thallium	203-1	2527463	2448334	2424782	2466860	2.18	cps
Thallium	205-1	5799241	5765840	5765283	5776788	0.34	cps
Tin	118-1	2479583	2499946	2469987	2483172	0.62	cps
Titanium	47-1	2344349	2364663	2297036	2335350	1.49	cps
Uranium	238-1	7467987	7422158	7440550	7443565	0.31	cps
Vanadium	51-2	786435	796500	786744	789893	0.72	cps
Yttrium	89-1	4216865	4143277	4130117	4163420	1.12	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:24:58	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	509570	515441	511181	512064	0.59	cps
Zinc	66-2	1817468	1806972	1797373	1807271	0.56	cps
Zirconium	90-1	5498300	5530314	5411807	5480140	1.12	cps
Zirconium	91-1	1254268	1255139	1232166	1247191	1.04	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:27:56	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2004263	1978928	1968191	1983794	0.93	cps
Antimony	121-1	8036	8411	8011	8153	2.75	cps
Arsenic	75-2	248	259	266	258	3.52	cps
Barium	135-1	11780	11847	11972	11867	0.82	cps
Barium	137-1	20858	20841	20115	20605	2.06	cps
Beryllium	9-1	1376	1318	1286	1326	3.44	cps
Bismuth	209-1	1470571	1499350	1468255	1479392	1.17	cps
Bismuth	209-2	839114	789336	817996	815482	3.06	cps
Boron	10-1	11820	10346	9303	10490	12.06	cps
Boron	11-1	54802	49447	45366	49872	9.49	cps
Bromine	81-1	2222	2343	2473	2346	5.34	cps
Cadmium	111-1	2125	2500	2310	2312	8.11	cps
Cadmium	106-1	1275	1392	1233	1300	6.31	cps
Cadmium	108-1	150	142	113	135	14.62	cps
Calcium	43-1	4190274	4297320	4288870	4258821	1.40	cps
Calcium	44-1	67646174	68806408	69016808	68489797	1.08	cps
Chromium	52-2	26555	26932	26768	26752	0.71	cps
Cobalt	59-2	5631	5755	5344	5577	3.77	cps
Copper	63-2	26458	26886	27296	26880	1.56	cps
Dysprosium	156-1	192	142	192	175	16.50	cps
Dysprosium	156-2	97	80	93	90	9.80	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	33	7	13	18	78.05	cps
Gadolinium	160-1	175	217	192	194	10.79	cps
Gadolinium	160-2	147	107	63	106	39.49	cps
Holmium	165-1	2458433	2501511	2444644	2468196	1.20	cps
Holmium	165-2	1242988	1179716	1212354	1211686	2.61	cps
Indium	115-1	2343139	2387947	2389830	2373639	1.11	cps
Indium	115-2	408987	389075	395315	397792	2.56	cps
Iron	54-2	9499764	9399626	9461883	9453758	0.53	cps
Iron	56-2	172783226	175078726	173549354	173803769	0.67	cps
Iron	57-2	4314442	4385313	4326174	4341976	0.87	cps
Krypton	83-1	427	383	427	412	6.07	cps
Lead	206-1	25225	26143	25475	25614	1.85	cps
Lead	207-1	22453	23588	22559	22867	2.74	cps
Lead	208-1	102466	104692	104110	103756	1.11	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:27:56	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	610983	622142	617631	616919	0.91	cps
Magnesium	24-2	27655511	27564101	27746618	27655410	0.33	cps
Manganese	55-2	11465	11625	11611	11567	0.77	cps
Molybdenum	94-1	15125	15142	14391	14886	2.88	cps
Molybdenum	95-1	19306	20357	19631	19765	2.72	cps
Molybdenum	96-1	21459	22352	21951	21921	2.04	cps
Molybdenum	97-1	12614	12356	12247	12406	1.52	cps
Molybdenum	98-1	31152	31511	31854	31506	1.11	cps
Neodymium	150-1	53	27	47	42	32.86	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	8226	8546	8613	8461	2.44	cps
Phosphorus	31-2	350	342	233	308	21.11	cps
Potassium	39-2	10771783	10752362	10655242	10726462	0.58	cps
Rhodium	103-1	2118075	2170445	2123804	2137442	1.34	cps
Rhodium	103-2	1060326	1012829	1034233	1035796	2.30	cps
Scandium	45-1	1564117	1531228	1571034	1555460	1.37	cps
Scandium	45-2	55129	52175	52927	53410	2.87	cps
Selenium	82-1	123	148	89	120	24.34	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	57	47	47	50	11.48	cps
Silicon	28-1	886481	967168	987573	947074	5.64	cps
Silver	109-1	6844	7002	7119	6988	1.98	cps
Silver	107-1	7644	7961	7619	7741	2.46	cps
Sodium	23-2	52783642	52479305	53180532	52814493	0.67	cps
Strontium	86-1	4026	4301	4184	4170	3.31	cps
Strontium	88-1	29331	31194	31386	30637	3.70	cps
Sulfur	34-1	494707	502792	505049	500849	1.09	cps
Terbium	159-1	2620239	2660129	2619704	2633357	0.88	cps
Terbium	159-2	1232786	1174314	1209412	1205504	2.44	cps
Thallium	203-1	5285	5326	4809	5140	5.59	cps
Thallium	205-1	12056	13057	12056	12390	4.66	cps
Tin	118-1	5835	6352	6268	6152	4.51	cps
Titanium	47-1	4476	4417	4726	4540	3.61	cps
Uranium	238-1	13616	12949	12832	13132	3.22	cps
Vanadium	51-2	1550	1543	1647	1580	3.66	cps
Yttrium	89-1	4030453	4161431	4036936	4076273	1.81	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 13:27:56	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	500220	477494	487767	488494	2.33	cps
Zinc	66-2	10958	10531	10471	10653	2.49	cps
Zirconium	90-1	9478	10754	10171	10135	6.30	cps
Zirconium	91-1	2192	2234	2384	2270	4.44	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 14:41:47	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11214	10922	10822	10986	1.86	cps
Antimony	121-1	696593	716613	709349	707518	1.43	cps
Arsenic	75-2	26494	26344	26276	26371	0.42	cps
Barium	135-1	71405	72092	73692	72397	1.62	cps
Barium	137-1	120602	125016	123166	122928	1.80	cps
Beryllium	9-1	71411	72313	72219	71981	0.69	cps
Bismuth	209-1	1519488	1534992	1550355	1534945	1.01	cps
Bismuth	209-2	856909	860129	851612	856217	0.50	cps
Boron	10-1	30942	33423	35772	33379	7.24	cps
Boron	11-1	150886	162949	171932	161922	6.52	cps
Bromine	81-1	2313	2243	2132	2229	4.08	cps
Cadmium	111-1	83870	83617	86079	84522	1.60	cps
Cadmium	106-1	13107	13307	13415	13276	1.18	cps
Cadmium	108-1	8132	8123	8553	8269	2.97	cps
Calcium	43-1	20607	20457	20724	20596	0.65	cps
Calcium	44-1	335347	336208	340020	337192	0.74	cps
Chromium	52-2	100899	100658	99224	100260	0.90	cps
Cobalt	59-2	180499	175831	176587	177639	1.41	cps
Copper	63-2	137643	134961	137599	136734	1.12	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	17	42	8	22	78.07	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	2491593	2469688	2493288	2484856	0.53	cps
Holmium	165-2	1195489	1218784	1199837	1204703	1.03	cps
Indium	115-1	2277798	2244441	2286975	2269738	0.99	cps
Indium	115-2	375471	377212	377527	376737	0.29	cps
Iron	54-2	85336	86382	85521	85746	0.65	cps
Iron	56-2	1566981	1557016	1528721	1550906	1.28	cps
Iron	57-2	38641	36954	37344	37646	2.35	cps
Krypton	83-1	477	487	423	462	7.37	cps
Lead	206-1	410931	418563	427033	418843	1.92	cps
Lead	207-1	346186	351302	356039	351176	1.40	cps
Lead	208-1	1612419	1648825	1671790	1644345	1.82	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 14:41:47	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	641715	635171	643084	639990	0.66	cps
Magnesium	24-2	75253	73837	71291	73460	2.73	cps
Manganese	55-2	46509	46703	46489	46567	0.25	cps
Molybdenum	94-1	3140851	3144247	3239523	3174874	1.76	cps
Molybdenum	95-1	3835644	3898836	3964087	3899522	1.65	cps
Molybdenum	96-1	4337149	4348056	4424724	4369977	1.09	cps
Molybdenum	97-1	2404806	2386673	2437162	2409547	1.06	cps
Molybdenum	98-1	6004136	6146890	6238958	6129995	1.93	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	48599	48402	48827	48609	0.44	cps
Phosphorus	31-2	275	225	242	247	10.30	cps
Potassium	39-2	117888	116501	117015	117135	0.60	cps
Rhodium	103-1	2215834	2229599	2270475	2238636	1.27	cps
Rhodium	103-2	1096502	1101008	1112847	1103452	0.77	cps
Scandium	45-1	1565301	1581999	1581673	1576324	0.61	cps
Scandium	45-2	56460	55410	54754	55541	1.55	cps
Selenium	82-1	10386	10888	10959	10744	2.91	cps
Selenium	77-2	453	410	417	427	5.47	cps
Selenium	78-2	1274	1254	1233	1254	1.64	cps
Silicon	28-1	1304798	1310715	1317602	1311038	0.49	cps
Silver	109-1	187150	192074	190478	189901	1.32	cps
Silver	107-1	195887	201809	201727	199807	1.70	cps
Sodium	23-2	271747	268113	263542	267801	1.54	cps
Strontium	86-1	495762	503181	503968	500970	0.90	cps
Strontium	88-1	4279389	4294168	4348677	4307411	0.85	cps
Sulfur	34-1	524050	521597	520484	522044	0.35	cps
Terbium	159-1	2550075	2551253	2650245	2583858	2.23	cps
Terbium	159-2	1205797	1221955	1218475	1215409	0.70	cps
Thallium	203-1	476497	481223	496992	484904	2.21	cps
Thallium	205-1	1132824	1163034	1171830	1155896	1.77	cps
Tin	118-1	1235551	1251413	1270038	1252334	1.38	cps
Titanium	47-1	1139222	1146939	1169712	1151958	1.38	cps
Uranium	238-1	3977518	3992970	3992047	3987512	0.22	cps
Vanadium	51-2	79010	78041	77086	78045	1.23	cps
Yttrium	89-1	3979109	3980952	4061330	4007130	1.17	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 14:41:47	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	490053	485224	490893	488723	0.63	cps
Zinc	66-2	37891	37807	38191	37963	0.53	cps
Zirconium	90-1	2724775	2741416	2829021	2765071	2.03	cps
Zirconium	91-1	614029	622118	625740	620629	0.97	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:19:40	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	696	708	688	697	1.44	cps
Antimony	121-1	6760	6452	6660	6624	2.38	cps
Arsenic	75-2	131	149	130	137	7.83	cps
Barium	135-1	6535	6643	7160	6780	4.93	cps
Barium	137-1	11255	11413	11981	11550	3.30	cps
Beryllium	9-1	694	712	698	701	1.35	cps
Bismuth	209-1	1499616	1522270	1521113	1514333	0.84	cps
Bismuth	209-2	856506	839387	848147	848013	1.01	cps
Boron	10-1	1204	1444	1492	1380	11.18	cps
Boron	11-1	5448	6582	7446	6492	15.44	cps
Bromine	81-1	2172	2142	2232	2182	2.10	cps
Cadmium	111-1	1309	1318	1587	1405	11.25	cps
Cadmium	106-1	1008	950	1208	1056	12.84	cps
Cadmium	108-1	79	67	54	67	18.75	cps
Calcium	43-1	4951	4826	4784	4854	1.79	cps
Calcium	44-1	94015	94073	96808	94965	1.68	cps
Chromium	52-2	2914	3000	3057	2990	2.41	cps
Cobalt	59-2	1823	1503	1777	1701	10.16	cps
Copper	63-2	2907	3047	2994	2983	2.37	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	10	3	20	11	75.52	cps
Gadolinium	160-1	17	50	17	28	69.27	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	2406120	2449478	2434851	2430149	0.91	cps
Holmium	165-2	1215955	1189220	1198245	1201140	1.13	cps
Indium	115-1	2300838	2293151	2246423	2280137	1.29	cps
Indium	115-2	388210	380744	381850	383601	1.05	cps
Iron	54-2	2628	2467	2411	2502	4.50	cps
Iron	56-2	41745	41822	41533	41700	0.36	cps
Iron	57-2	1067	1061	1011	1046	2.92	cps
Krypton	83-1	357	503	480	447	17.65	cps
Lead	206-1	2206	1978	2189	2124	5.98	cps
Lead	207-1	1733	1856	1739	1776	3.89	cps
Lead	208-1	8640	8357	8407	8468	1.79	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:19:40	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	632568	628063	625433	628688	0.57	cps
Magnesium	24-2	30791	29322	29530	29881	2.66	cps
Manganese	55-2	557	513	583	551	6.41	cps
Molybdenum	94-1	6860	6243	6910	6671	5.57	cps
Molybdenum	95-1	7752	7844	8219	7939	3.12	cps
Molybdenum	96-1	9312	8878	9137	9109	2.40	cps
Molybdenum	97-1	5401	5209	5126	5246	2.69	cps
Molybdenum	98-1	13507	12423	12698	12876	4.38	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	643	660	660	654	1.47	cps
Phosphorus	31-2	267	317	308	297	9.01	cps
Potassium	39-2	44946	43926	44201	44357	1.19	cps
Rhodium	103-1	2230353	2252820	2272534	2251902	0.94	cps
Rhodium	103-2	1119253	1090052	1099683	1102996	1.35	cps
Scandium	45-1	1558263	1561928	1565103	1561765	0.22	cps
Scandium	45-2	55727	54429	55152	55103	1.18	cps
Selenium	82-1	348	199	203	250	34.03	cps
Selenium	77-2	3	13	7	8	65.47	cps
Selenium	78-2	72	75	82	76	6.72	cps
Silicon	28-1	544817	540015	545428	543420	0.55	cps
Silver	109-1	3767	3626	3742	3712	2.04	cps
Silver	107-1	3876	3626	3909	3803	4.07	cps
Sodium	23-2	87328	83974	85785	85696	1.96	cps
Strontium	86-1	1608	1558	1400	1522	7.14	cps
Strontium	88-1	8344	8261	8019	8208	2.06	cps
Sulfur	34-1	531894	529325	528375	529865	0.34	cps
Terbium	159-1	2586254	2568914	2544973	2566714	0.81	cps
Terbium	159-2	1228259	1192628	1196857	1205915	1.61	cps
Thallium	203-1	2242	2200	2275	2239	1.68	cps
Thallium	205-1	5952	5318	5526	5599	5.77	cps
Tin	118-1	11922	12122	12698	12247	3.29	cps
Titanium	47-1	2850	2834	2817	2834	0.59	cps
Uranium	238-1	6785	6202	6660	6549	4.69	cps
Vanadium	51-2	3871	3947	3727	3848	2.90	cps
Yttrium	89-1	3940359	4037227	4035723	4004436	1.39	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:19:40	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	492809	487483	492410	490901	0.60	cps
Zinc	66-2	477	500	497	491	2.57	cps
Zirconium	90-1	4951	5393	4884	5076	5.45	cps
Zirconium	91-1	1083	967	1233	1095	12.22	cps

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 15:22:30 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	354	276	340	323	12.86	cps
Antimony	121-1	17	17	25	19	24.73	cps
Arsenic	75-2	3	2	1	2	50.00	cps
Barium	135-1	25	42	33	33	25.01	cps
Barium	137-1	25	67	33	42	52.92	cps
Beryllium	9-1	44	24	32	33	30.19	cps
Bismuth	209-1	1525728	1473946	1499452	1499708	1.73	cps
Bismuth	209-2	864848	826036	851452	847445	2.33	cps
Boron	10-1	532	464	444	480	9.61	cps
Boron	11-1	2722	2452	2266	2480	9.25	cps
Bromine	81-1	2142	2162	2353	2219	5.23	cps
Cadmium	111-1	659	690	670	673	2.29	cps
Cadmium	106-1	950	983	950	961	2.00	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	542	542	667	583	12.37	cps
Calcium	44-1	23144	22201	22668	22671	2.08	cps
Chromium	52-2	1167	1147	1280	1198	6.00	cps
Cobalt	59-2	57	67	77	67	15.00	cps
Copper	63-2	487	440	400	442	9.81	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	17	25	31	56.77	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	2440452	2363268	2445714	2416478	1.91	cps
Holmium	165-2	1212586	1161684	1196109	1190126	2.18	cps
Indium	115-1	2249793	2218616	2290214	2252875	1.59	cps
Indium	115-2	388404	372356	383921	381560	2.17	cps
Iron	54-2	456	456	389	433	8.88	cps
Iron	56-2	3028	3045	3056	3043	0.46	cps
Iron	57-2	106	133	106	115	13.97	cps
Krypton	83-1	517	463	450	477	7.40	cps
Lead	206-1	272	244	289	269	8.36	cps
Lead	207-1	222	256	256	244	7.87	cps
Lead	208-1	1044	983	1028	1019	3.10	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:22:30	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	626393	618256	630299	624983	0.98	cps
Magnesium	24-2	225	267	208	233	12.88	cps
Manganese	55-2	73	77	97	82	15.35	cps
Molybdenum	94-1	50	83	50	61	31.50	cps
Molybdenum	95-1	17	42	33	31	41.66	cps
Molybdenum	96-1	75	33	83	64	41.93	cps
Molybdenum	97-1	17	33	8	19	65.47	cps
Molybdenum	98-1	25	0	0	8	173.21	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	133	150	146	7.36	cps
Phosphorus	31-2	233	192	250	225	13.35	cps
Potassium	39-2	21692	21917	21992	21867	0.71	cps
Rhodium	103-1	2233958	2161412	2193283	2196218	1.66	cps
Rhodium	103-2	1123102	1074322	1110123	1102515	2.29	cps
Scandium	45-1	1500156	1503425	1549985	1517855	1.84	cps
Scandium	45-2	56256	53730	55102	55029	2.30	cps
Selenium	82-1	-85	-13	2	-32	-145.43	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	35	41	40	39	8.31	cps
Silicon	28-1	521271	521840	525389	522834	0.43	cps
Silver	109-1	25	42	17	28	45.82	cps
Silver	107-1	42	50	58	50	16.66	cps
Sodium	23-2	28261	28462	26967	27897	2.91	cps
Strontium	86-1	983	858	817	886	9.79	cps
Strontium	88-1	250	200	167	206	20.41	cps
Sulfur	34-1	527987	531860	529718	529855	0.37	cps
Terbium	159-1	2531469	2475113	2601204	2535929	2.49	cps
Terbium	159-2	1211547	1180000	1198678	1196742	1.33	cps
Thallium	203-1	75	75	125	92	31.49	cps
Thallium	205-1	167	200	142	169	17.27	cps
Tin	118-1	208	292	300	267	19.01	cps
Titanium	47-1	375	567	500	481	20.25	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	4046393	3890405	3943139	3959979	2.00	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:22:30	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	499153	473895	495535	489528	2.79	cps
Zinc	66-2	97	90	77	88	11.60	cps
Zirconium	90-1	150	158	225	178	23.12	cps
Zirconium	91-1	50	42	42	44	10.82	cps

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 15:25:22 DataFile Name : 020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1907133	1893463	1894190	1898262	0.41	cps
Antimony	121-1	3692	4159	3967	3940	5.96	cps
Arsenic	75-2	51	44	37	44	15.92	cps
Barium	135-1	1083	1133	875	1031	13.30	cps
Barium	137-1	1742	1842	1934	1839	5.21	cps
Beryllium	9-1	226	236	244	235	3.83	cps
Bismuth	209-1	1474817	1518172	1478080	1490356	1.62	cps
Bismuth	209-2	852937	856719	852365	854007	0.28	cps
Boron	10-1	488	488	450	475	4.62	cps
Boron	11-1	2222	2334	2096	2217	5.37	cps
Bromine	81-1	2923	3364	3804	3364	13.10	cps
Cadmium	111-1	937	1037	881	952	8.27	cps
Cadmium	106-1	933	1017	942	964	4.76	cps
Cadmium	108-1	529	542	504	525	3.64	cps
Calcium	43-1	864685	891039	863670	873131	1.78	cps
Calcium	44-1	13668715	13989109	13765047	13807624	1.19	cps
Chromium	52-2	20375	19680	19917	19991	1.77	cps
Cobalt	59-2	2007	1963	1973	1981	1.15	cps
Copper	63-2	10100	10351	10347	10266	1.40	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	8	50	31	68.64	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	23	17	17	19	20.36	cps
Holmium	165-1	2404651	2476181	2409807	2430213	1.64	cps
Holmium	165-2	1239696	1240100	1238866	1239554	0.05	cps
Indium	115-1	2217454	2251014	2203371	2223946	1.10	cps
Indium	115-2	384181	384963	386689	385277	0.33	cps
Iron	54-2	4013708	4006284	3957913	3992635	0.76	cps
Iron	56-2	73073649	74347738	73322752	73581379	0.92	cps
Iron	57-2	1853746	1868746	1875993	1866162	0.61	cps
Krypton	83-1	347	467	360	391	16.82	cps
Lead	206-1	9242	9976	9014	9411	5.34	cps
Lead	207-1	7069	6946	7258	7091	2.21	cps
Lead	208-1	34552	35525	35030	35036	1.39	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:25:22	DataFile Name :	020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	630408	634013	622335	628919	0.95	cps
Magnesium	24-2	5720969	5671677	5595937	5662861	1.11	cps
Manganese	55-2	3604	3320	3617	3514	4.77	cps
Molybdenum	94-1	1692629	1753285	1722875	1722930	1.76	cps
Molybdenum	95-1	2916798	3058726	2999667	2991730	2.38	cps
Molybdenum	96-1	3126969	3319017	3261512	3235833	3.05	cps
Molybdenum	97-1	1803090	1924242	1857140	1861491	3.26	cps
Molybdenum	98-1	4605150	4832262	4722601	4720004	2.41	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	2704	2557	2434	2565	5.27	cps
Phosphorus	31-2	130130	132476	131653	131419	0.91	cps
Potassium	39-2	4558608	4694051	4592707	4615122	1.53	cps
Rhodium	103-1	2121323	2189711	2114823	2141952	1.94	cps
Rhodium	103-2	1091766	1091483	1093290	1092180	0.09	cps
Scandium	45-1	1527480	1540242	1521540	1529754	0.62	cps
Scandium	45-2	55376	55607	55724	55569	0.32	cps
Selenium	82-1	98	-35	65	43	161.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	43	36	39	9.25	cps
Silicon	28-1	586021	587353	585900	586425	0.14	cps
Silver	109-1	83	133	158	125	30.55	cps
Silver	107-1	108	133	142	128	13.57	cps
Sodium	23-2	11465871	11349562	11352988	11389474	0.58	cps
Strontium	86-1	32663	34485	33365	33505	2.74	cps
Strontium	88-1	277321	290238	288221	285260	2.44	cps
Sulfur	34-1	1384548	1412730	1350241	1382506	2.26	cps
Terbium	159-1	2558674	2652689	2560761	2590708	2.07	cps
Terbium	159-2	1228766	1239804	1234918	1234496	0.45	cps
Thallium	203-1	175	250	200	208	18.33	cps
Thallium	205-1	492	533	550	525	5.72	cps
Tin	118-1	933	833	967	911	7.62	cps
Titanium	47-1	886558	905785	900135	897493	1.10	cps
Uranium	238-1	158	133	167	153	11.35	cps
Vanadium	51-2	110	150	133	131	15.32	cps
Yttrium	89-1	3956751	4040120	3928574	3975148	1.46	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:25:22	DataFile Name :	020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	499561	499017	502008	500195	0.32	cps
Zinc	66-2	2137	2094	2164	2131	1.66	cps
Zirconium	90-1	233	250	217	233	7.14	cps
Zirconium	91-1	50	117	67	78	44.61	cps

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 15:28:10 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1930935	1867186	1927490	1908537	1.88	cps
Antimony	121-1	69636	72609	72199	71481	2.25	cps
Arsenic	75-2	2624	2567	2496	2562	2.48	cps
Barium	135-1	14466	14959	14850	14758	1.75	cps
Barium	137-1	24564	25274	25491	25110	1.93	cps
Beryllium	9-1	13461	13578	13812	13617	1.31	cps
Bismuth	209-1	1441588	1503007	1471684	1472093	2.09	cps
Bismuth	209-2	842208	856749	848083	849013	0.86	cps
Boron	10-1	3066	3544	3534	3381	8.08	cps
Boron	11-1	14484	16448	17395	16109	9.22	cps
Bromine	81-1	3294	3214	3334	3280	1.86	cps
Cadmium	111-1	15900	16547	16436	16295	2.12	cps
Cadmium	106-1	2759	2875	2542	2725	6.21	cps
Cadmium	108-1	1771	1779	1729	1760	1.52	cps
Calcium	43-1	855990	885939	883935	875288	1.91	cps
Calcium	44-1	13672351	13992219	14058289	13907620	1.48	cps
Chromium	52-2	38221	39037	38502	38586	1.07	cps
Cobalt	59-2	36059	36109	36226	36131	0.24	cps
Copper	63-2	35658	36380	36062	36033	1.00	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	58	33	8	33	75.01	cps
Erbium	164-2	10	0	13	8	89.21	cps
Gadolinium	160-1	25	42	33	33	25.01	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	2385262	2481354	2421526	2429381	2.00	cps
Holmium	165-2	1218143	1236662	1229304	1228037	0.76	cps
Indium	115-1	2190322	2245887	2249680	2228630	1.49	cps
Indium	115-2	384478	383646	384323	384149	0.12	cps
Iron	54-2	3989207	4070152	3956033	4005130	1.47	cps
Iron	56-2	73468499	73903374	73916216	73762696	0.35	cps
Iron	57-2	1851745	1866617	1867152	1861838	0.47	cps
Krypton	83-1	487	483	460	477	3.05	cps
Lead	206-1	46266	46645	47487	46799	1.34	cps
Lead	207-1	38290	39415	39382	39029	1.64	cps
Lead	208-1	178091	181615	184300	181335	1.72	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:28:10	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	623168	640918	639792	634626	1.57	cps
Magnesium	24-2	5700256	5614229	5621453	5645313	0.85	cps
Manganese	55-2	12923	12476	12509	12636	1.97	cps
Molybdenum	94-1	1825728	1917854	1867066	1870216	2.47	cps
Molybdenum	95-1	3036481	3142377	3151504	3110121	2.06	cps
Molybdenum	96-1	3244228	3359640	3408102	3337323	2.52	cps
Molybdenum	97-1	1869150	1941827	1952832	1921270	2.37	cps
Molybdenum	98-1	4801294	5064638	4945899	4937277	2.67	cps
Neodymium	150-1	33	20	0	18	94.37	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	11655	11798	11438	11630	1.56	cps
Phosphorus	31-2	131113	131348	129995	130819	0.55	cps
Potassium	39-2	4587080	4620379	4620955	4609471	0.42	cps
Rhodium	103-1	2115520	2213031	2180826	2169793	2.29	cps
Rhodium	103-2	1082035	1085928	1088782	1085582	0.31	cps
Scandium	45-1	1523127	1519879	1540526	1527844	0.73	cps
Scandium	45-2	55326	55299	55855	55493	0.56	cps
Selenium	82-1	880	903	1028	937	8.48	cps
Selenium	77-2	20	37	40	32	33.25	cps
Selenium	78-2	152	157	167	159	4.81	cps
Silicon	28-1	693874	697895	695173	695647	0.30	cps
Silver	109-1	70405	71217	71662	71095	0.90	cps
Silver	107-1	73396	76160	75298	74951	1.89	cps
Sodium	23-2	11384000	11323760	11375659	11361140	0.29	cps
Strontium	86-1	84388	86232	86852	85824	1.49	cps
Strontium	88-1	720172	746071	744932	737058	1.99	cps
Sulfur	34-1	1309809	1341059	1325966	1325611	1.18	cps
Terbium	159-1	2477932	2605610	2579886	2554476	2.64	cps
Terbium	159-2	1222975	1228646	1228807	1226809	0.27	cps
Thallium	203-1	45138	46542	47421	46367	2.48	cps
Thallium	205-1	107358	113108	111368	110611	2.67	cps
Tin	118-1	124454	131409	129315	128392	2.78	cps
Titanium	47-1	896036	927811	927894	917247	2.00	cps
Uranium	238-1	370063	385646	384219	379976	2.27	cps
Vanadium	51-2	15365	15161	15195	15240	0.72	cps
Yttrium	89-1	3877909	4029693	3990781	3966128	1.99	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:28:10	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	496017	490962	500247	495742	0.94	cps
Zinc	66-2	5404	5404	5504	5438	1.06	cps
Zirconium	90-1	284186	291731	295079	290332	1.92	cps
Zirconium	91-1	64843	66316	64156	65105	1.70	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:31:00	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1118535	1108596	1120250	1115794	0.56	cps
Antimony	121-1	1747876	1764385	1737195	1749819	0.78	cps
Arsenic	75-2	65507	64051	64639	64733	1.13	cps
Barium	135-1	1767736	1795611	1753833	1772393	1.20	cps
Barium	137-1	3001890	3063974	3042594	3036153	1.04	cps
Beryllium	9-1	345530	346270	346488	346096	0.15	cps
Bismuth	209-1	1479352	1507474	1504414	1497080	1.03	cps
Bismuth	209-2	848576	858190	776470	827745	5.40	cps
Boron	10-1	21043	24866	27931	24613	14.02	cps
Boron	11-1	102655	121028	132523	118735	12.69	cps
Bromine	81-1	2463	2483	2273	2406	4.82	cps
Cadmium	111-1	390742	393439	395051	393077	0.55	cps
Cadmium	106-1	40836	40895	41170	40967	0.44	cps
Cadmium	108-1	27227	27837	29118	28061	3.44	cps
Calcium	43-1	2202647	2291837	2232691	2242392	2.02	cps
Calcium	44-1	35073238	36101264	35656197	35610233	1.45	cps
Chromium	52-2	502269	502562	502793	502541	0.05	cps
Cobalt	59-2	848275	848201	847656	848044	0.04	cps
Copper	63-2	6393463	6328634	6226427	6316175	1.33	cps
Dysprosium	156-1	83	133	83	100	28.87	cps
Dysprosium	156-2	60	30	57	49	33.63	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	142	100	117	119	17.56	cps
Gadolinium	160-2	60	83	50	64	26.54	cps
Holmium	165-1	2478500	2479557	2473077	2477045	0.14	cps
Holmium	165-2	1258509	1255122	1149718	1221116	5.07	cps
Indium	115-1	2346189	2352170	2402198	2366852	1.30	cps
Indium	115-2	401288	399051	366913	389084	4.94	cps
Iron	54-2	5106180	5130003	5076245	5104143	0.53	cps
Iron	56-2	93707947	93228847	92832635	93256476	0.47	cps
Iron	57-2	2373291	2377660	2361543	2370831	0.35	cps
Krypton	83-1	440	537	417	464	13.70	cps
Lead	206-1	4840043	4899425	4909446	4882972	0.77	cps
Lead	207-1	4309263	4330446	4326320	4322010	0.26	cps
Lead	208-1	19203186	19585235	19577902	19455441	1.12	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:31:00	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	635974	633434	634572	634660	0.20	cps
Magnesium	24-2	14487680	14479675	14433372	14466909	0.20	cps
Manganese	55-2	2339317	2337617	2340877	2339270	0.07	cps
Molybdenum	94-1	3256061	3264385	3266675	3262373	0.17	cps
Molybdenum	95-1	3894432	3988327	3981226	3954661	1.32	cps
Molybdenum	96-1	4429318	4554416	4470728	4484821	1.42	cps
Molybdenum	97-1	2456376	2506262	2495630	2486089	1.06	cps
Molybdenum	98-1	6358309	6396875	6343791	6366325	0.43	cps
Neodymium	150-1	60	80	73	71	14.32	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	232497	233361	231486	232448	0.40	cps
Phosphorus	31-2	14216	13890	13540	13882	2.43	cps
Potassium	39-2	5887661	5777000	5988359	5884340	1.80	cps
Rhodium	103-1	2200074	2179681	2212330	2197361	0.75	cps
Rhodium	103-2	1098564	1088753	995983	1061100	5.33	cps
Scandium	45-1	1556583	1566486	1564083	1562384	0.33	cps
Scandium	45-2	57283	57351	51733	55456	5.81	cps
Selenium	82-1	25841	26044	25968	25951	0.39	cps
Selenium	77-2	913	927	940	927	1.44	cps
Selenium	78-2	3082	3022	2999	3034	1.41	cps
Silicon	28-1	1452208	1566769	1621630	1546869	5.59	cps
Silver	109-1	1878772	1892260	1880574	1883869	0.39	cps
Silver	107-1	1975685	1983752	1990537	1983325	0.37	cps
Sodium	23-2	28345958	28345499	28047773	28246410	0.61	cps
Strontium	86-1	492439	506771	507525	502245	1.69	cps
Strontium	88-1	4207549	4403497	4275743	4295596	2.32	cps
Sulfur	34-1	588072	598806	601668	596182	1.20	cps
Terbium	159-1	2598742	2642967	2652796	2631502	1.09	cps
Terbium	159-2	1251977	1255659	1143671	1217103	5.23	cps
Thallium	203-1	1167548	1187187	1191034	1181923	1.07	cps
Thallium	205-1	2745657	2806904	2810632	2787731	1.31	cps
Tin	118-1	1205811	1208471	1222380	1212221	0.73	cps
Titanium	47-1	1140854	1171303	1167316	1159824	1.43	cps
Uranium	238-1	3483120	3563679	3518321	3521706	1.15	cps
Vanadium	51-2	393217	393506	394903	393876	0.23	cps
Yttrium	89-1	4097688	4128355	4145330	4123791	0.59	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:31:00	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	508466	507757	461667	492630	5.44	cps
Zinc	66-2	889459	884937	888457	887618	0.27	cps
Zirconium	90-1	2668825	2729143	2695924	2697964	1.12	cps
Zirconium	91-1	606394	609385	614709	610163	0.69	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:46:36	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	254	284	306	281	9.28	cps
Antimony	121-1	25	25	8	19	49.50	cps
Arsenic	75-2	8	5	3	5	47.19	cps
Barium	135-1	17	42	8	22	78.07	cps
Barium	137-1	25	50	50	42	34.64	cps
Beryllium	9-1	26	42	40	36	24.20	cps
Bismuth	209-1	1455970	1442595	1461670	1453412	0.67	cps
Bismuth	209-2	840452	788329	826480	818420	3.30	cps
Boron	10-1	644	652	608	635	3.69	cps
Boron	11-1	3112	3132	3056	3100	1.27	cps
Bromine	81-1	2413	2162	2052	2209	8.36	cps
Cadmium	111-1	578	648	627	618	5.88	cps
Cadmium	106-1	825	917	900	881	5.55	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	475	417	525	472	11.48	cps
Calcium	44-1	23386	23753	23745	23628	0.89	cps
Chromium	52-2	1117	1217	1120	1151	4.93	cps
Cobalt	59-2	57	57	40	51	18.83	cps
Copper	63-2	517	583	523	541	6.79	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	42	25	66.68	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	17	25	0	14	91.65	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	2374164	2330125	2364998	2356429	0.99	cps
Holmium	165-2	1177746	1105093	1158038	1146959	3.28	cps
Indium	115-1	2241614	2196658	2215122	2217798	1.02	cps
Indium	115-2	376906	355751	374920	369192	3.16	cps
Iron	54-2	406	506	461	457	10.95	cps
Iron	56-2	3228	2900	3067	3065	5.35	cps
Iron	57-2	100	144	100	115	22.35	cps
Krypton	83-1	507	483	427	472	8.71	cps
Lead	206-1	439	550	406	465	16.27	cps
Lead	207-1	339	378	389	369	7.12	cps
Lead	208-1	1756	2039	1789	1861	8.32	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:46:36	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	611739	606381	612866	610329	0.57	cps
Magnesium	24-2	283	225	200	236	18.11	cps
Manganese	55-2	93	90	60	81	22.63	cps
Molybdenum	94-1	200	125	67	131	51.20	cps
Molybdenum	95-1	75	42	17	44	65.84	cps
Molybdenum	96-1	117	75	67	86	31.11	cps
Molybdenum	97-1	50	58	17	42	52.91	cps
Molybdenum	98-1	133	58	42	78	62.78	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	133	163	110	136	19.72	cps
Phosphorus	31-2	267	200	233	233	14.29	cps
Potassium	39-2	21049	21383	21984	21472	2.21	cps
Rhodium	103-1	2244893	2126101	2162517	2177837	2.79	cps
Rhodium	103-2	1093424	1015866	1080776	1063356	3.91	cps
Scandium	45-1	1528095	1464186	1503267	1498516	2.15	cps
Scandium	45-2	53238	50914	53255	52469	2.57	cps
Selenium	82-1	-87	-48	-24	-53	-59.94	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	46	60	34	47	27.89	cps
Silicon	28-1	504671	506842	510775	507429	0.61	cps
Silver	109-1	33	33	33	33	0.02	cps
Silver	107-1	17	58	75	50	60.09	cps
Sodium	23-2	30349	30482	29355	30062	2.05	cps
Strontium	86-1	742	617	700	686	9.28	cps
Strontium	88-1	150	225	192	189	19.90	cps
Sulfur	34-1	503471	499030	499150	500550	0.51	cps
Terbium	159-1	2511305	2433101	2522317	2488908	1.95	cps
Terbium	159-2	1175399	1117647	1170897	1154648	2.78	cps
Thallium	203-1	158	108	167	144	21.84	cps
Thallium	205-1	300	267	433	333	26.46	cps
Tin	118-1	383	350	367	367	4.55	cps
Titanium	47-1	583	542	358	494	24.21	cps
Uranium	238-1	25	17	8	17	50.01	cps
Vanadium	51-2	23	13	20	19	26.96	cps
Yttrium	89-1	4009210	3778164	3885523	3890966	2.97	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:46:36	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	485812	454188	479446	473149	3.54	cps
Zinc	66-2	93	110	100	101	8.30	cps
Zirconium	90-1	208	183	258	217	17.62	cps
Zirconium	91-1	42	17	92	50	76.37	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:49:26	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	704	744	696	715	3.60	cps
Antimony	121-1	6510	6143	6368	6341	2.92	cps
Arsenic	75-2	112	127	108	116	8.66	cps
Barium	135-1	6477	6285	7119	6627	6.59	cps
Barium	137-1	11630	12097	11622	11783	2.31	cps
Beryllium	9-1	732	688	634	685	7.17	cps
Bismuth	209-1	1483601	1473957	1480760	1479439	0.33	cps
Bismuth	209-2	845943	845040	838318	843100	0.49	cps
Boron	10-1	1364	1486	1592	1480	7.71	cps
Boron	11-1	6320	7278	8083	7227	12.21	cps
Bromine	81-1	1902	2263	2443	2202	12.50	cps
Cadmium	111-1	1454	1424	1423	1434	1.23	cps
Cadmium	106-1	1008	1100	958	1022	7.03	cps
Cadmium	108-1	50	54	50	51	4.68	cps
Calcium	43-1	4709	4776	4868	4784	1.66	cps
Calcium	44-1	92706	93176	91214	92365	1.11	cps
Chromium	52-2	2947	3144	2924	3005	4.02	cps
Cobalt	59-2	1660	1727	1677	1688	2.06	cps
Copper	63-2	3084	3004	3227	3105	3.65	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	2393875	2369243	2389373	2384164	0.55	cps
Holmium	165-2	1183532	1203880	1180731	1189381	1.06	cps
Indium	115-1	2196568	2225973	2216161	2212901	0.68	cps
Indium	115-2	382006	381223	373375	378868	1.26	cps
Iron	54-2	2678	2695	2645	2673	0.95	cps
Iron	56-2	41238	42486	41221	41648	1.74	cps
Iron	57-2	1122	1122	1178	1141	2.81	cps
Krypton	83-1	473	410	477	453	8.29	cps
Lead	206-1	2517	2139	2384	2347	8.17	cps
Lead	207-1	1939	2161	2045	2048	5.43	cps
Lead	208-1	9168	8690	9012	8957	2.72	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:49:26	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	620409	622538	617534	620160	0.40	cps
Magnesium	24-2	29071	28913	28721	28901	0.61	cps
Manganese	55-2	610	553	573	579	4.96	cps
Molybdenum	94-1	6085	5976	6268	6110	2.41	cps
Molybdenum	95-1	7927	7886	7802	7872	0.81	cps
Molybdenum	96-1	8645	8611	8803	8686	1.18	cps
Molybdenum	97-1	5109	4634	4768	4837	5.07	cps
Molybdenum	98-1	13165	13040	12673	12959	1.97	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	660	633	673	656	3.11	cps
Phosphorus	31-2	367	267	317	317	15.79	cps
Potassium	39-2	45439	45890	45857	45729	0.55	cps
Rhodium	103-1	2161193	2196083	2159298	2172191	0.95	cps
Rhodium	103-2	1091773	1106103	1082060	1093312	1.11	cps
Scandium	45-1	1490991	1524794	1527016	1514267	1.33	cps
Scandium	45-2	54985	54580	53051	54205	1.88	cps
Selenium	82-1	246	251	186	228	15.78	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	66	73	62	67	8.31	cps
Silicon	28-1	534181	529392	532842	532138	0.46	cps
Silver	109-1	3375	3659	3617	3551	4.31	cps
Silver	107-1	3792	3792	3901	3828	1.63	cps
Sodium	23-2	86976	87890	84629	86498	1.94	cps
Strontium	86-1	1583	1633	1834	1683	7.86	cps
Strontium	88-1	8144	8469	8294	8303	1.96	cps
Sulfur	34-1	503504	503389	503353	503415	0.02	cps
Terbium	159-1	2512113	2508259	2592659	2537677	1.88	cps
Terbium	159-2	1182429	1196670	1175466	1184855	0.91	cps
Thallium	203-1	2309	2267	2500	2359	5.28	cps
Thallium	205-1	5793	5201	5593	5529	5.45	cps
Tin	118-1	12281	11714	12331	12108	2.83	cps
Titanium	47-1	2617	2784	2709	2703	3.09	cps
Uranium	238-1	6577	6510	6335	6474	1.93	cps
Vanadium	51-2	3737	3904	3600	3747	4.06	cps
Yttrium	89-1	3914461	3935525	3974308	3941431	0.77	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:49:26	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	489594	488802	479753	486050	1.12	cps
Zinc	66-2	507	560	530	532	5.02	cps
Zirconium	90-1	5318	5184	4834	5112	4.88	cps
Zirconium	91-1	1167	1092	1167	1142	3.79	cps

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : L2445-07 Instrumnet Name : P8
 Client Sample ID : FIELD-BLANK-4-29-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 15:52:17 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310	328	360	333	7.61	cps
Antimony	121-1	167	100	83	117	37.79	cps
Arsenic	75-2	9	6	6	7	24.74	cps
Barium	135-1	1217	1033	1217	1156	9.16	cps
Barium	137-1	2325	2075	1792	2064	12.93	cps
Beryllium	9-1	30	32	22	28	18.88	cps
Bismuth	209-1	1646922	1571335	1575084	1597780	2.67	cps
Bismuth	209-2	924135	913413	913449	916999	0.67	cps
Boron	10-1	718	670	648	679	5.27	cps
Boron	11-1	3382	3298	3222	3300	2.43	cps
Bromine	81-1	2112	2192	2503	2269	9.09	cps
Cadmium	111-1	625	660	643	643	2.72	cps
Cadmium	106-1	892	942	917	917	2.73	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	1117	967	867	983	12.80	cps
Calcium	44-1	31494	30809	31326	31210	1.14	cps
Chromium	52-2	1277	1280	1100	1219	8.45	cps
Cobalt	59-2	43	47	50	47	7.15	cps
Copper	63-2	2777	2834	2774	2795	1.21	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	2645873	2507291	2548496	2567220	2.77	cps
Holmium	165-2	1297611	1289600	1281604	1289605	0.62	cps
Indium	115-1	2502964	2376792	2372865	2417541	3.06	cps
Indium	115-2	415463	411424	410673	412520	0.62	cps
Iron	54-2	417	461	444	441	5.09	cps
Iron	56-2	3150	3045	3195	3130	2.46	cps
Iron	57-2	128	144	94	122	20.83	cps
Krypton	83-1	487	517	403	469	12.52	cps
Lead	206-1	528	439	417	461	12.75	cps
Lead	207-1	478	428	406	437	8.46	cps
Lead	208-1	1950	1745	1728	1807	6.85	cps

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : L2445-07 Instrumnet Name : P8
 Client Sample ID : FIELD-BLANK-4-29-2020 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 15:52:17 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	677538	655890	655925	663117	1.88	cps
Magnesium	24-2	833	775	792	800	3.76	cps
Manganese	55-2	203	243	247	231	10.43	cps
Molybdenum	94-1	50	83	100	78	32.73	cps
Molybdenum	95-1	50	33	17	33	50.00	cps
Molybdenum	96-1	117	58	142	106	40.52	cps
Molybdenum	97-1	17	17	33	22	43.28	cps
Molybdenum	98-1	50	42	58	50	16.67	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	110	160	142	19.66	cps
Phosphorus	31-2	200	217	242	219	9.56	cps
Potassium	39-2	22819	22785	22610	22738	0.49	cps
Rhodium	103-1	2414999	2372497	2323841	2370446	1.92	cps
Rhodium	103-2	1192284	1186587	1174955	1184608	0.75	cps
Scandium	45-1	1667363	1630864	1590644	1629623	2.35	cps
Scandium	45-2	59379	58626	59178	59061	0.66	cps
Selenium	82-1	-29	-91	41	-26	-252.78	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	44	36	48	43	14.33	cps
Silicon	28-1	714213	705816	710826	710285	0.59	cps
Silver	109-1	17	33	8	19	65.47	cps
Silver	107-1	67	75	67	69	6.93	cps
Sodium	23-2	55364	55581	55506	55484	0.20	cps
Strontium	86-1	733	733	808	758	5.71	cps
Strontium	88-1	1067	950	967	995	6.35	cps
Sulfur	34-1	504651	507842	504976	505823	0.35	cps
Terbium	159-1	2747543	2721408	2675809	2714920	1.34	cps
Terbium	159-2	1300105	1291735	1277601	1289814	0.88	cps
Thallium	203-1	125	117	233	158	41.11	cps
Thallium	205-1	300	208	375	294	28.35	cps
Tin	118-1	883	908	2102	1298	53.66	cps
Titanium	47-1	450	508	425	461	9.27	cps
Uranium	238-1	17	17	25	19	24.73	cps
Vanadium	51-2	37	27	23	29	24.03	cps
Yttrium	89-1	4325760	4265428	4190433	4260541	1.59	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	L2445-07	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK-4-29-2020	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:52:17	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	532752	523931	528376	528353	0.83	cps
Zinc	66-2	210	153	237	200	21.28	cps
Zirconium	90-1	167	200	158	175	12.60	cps
Zirconium	91-1	42	42	25	36	26.65	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:58:04	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1126250	1112103	1096480	1111611	1.34	cps
Antimony	121-1	1736284	1755461	1793290	1761678	1.65	cps
Arsenic	75-2	64826	63928	64200	64318	0.72	cps
Barium	135-1	1772944	1763705	1811013	1782554	1.41	cps
Barium	137-1	2981704	3030824	3008232	3006920	0.82	cps
Beryllium	9-1	347499	352458	356691	352216	1.31	cps
Bismuth	209-1	1520061	1508355	1527914	1518777	0.65	cps
Bismuth	209-2	857926	854006	845989	852640	0.71	cps
Boron	10-1	21463	25010	28043	24839	13.26	cps
Boron	11-1	102518	121596	135368	119827	13.77	cps
Bromine	81-1	2493	1962	2293	2249	11.91	cps
Cadmium	111-1	386435	389602	397453	391163	1.45	cps
Cadmium	106-1	41263	40443	41137	40947	1.08	cps
Cadmium	108-1	27599	27786	28722	28036	2.15	cps
Calcium	43-1	2200001	2266530	2286034	2250855	2.00	cps
Calcium	44-1	36065733	35793091	36405441	36088089	0.85	cps
Chromium	52-2	503412	493619	494662	497231	1.08	cps
Cobalt	59-2	860753	843826	843874	849484	1.15	cps
Copper	63-2	6419264	6325817	6323258	6356113	0.86	cps
Dysprosium	156-1	75	133	33	81	62.36	cps
Dysprosium	156-2	57	47	63	56	15.09	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	117	133	125	125	6.67	cps
Gadolinium	160-2	73	60	53	62	16.37	cps
Holmium	165-1	2496499	2512892	2552848	2520746	1.15	cps
Holmium	165-2	1265409	1251948	1230770	1249375	1.40	cps
Indium	115-1	2395400	2322776	2352449	2356875	1.55	cps
Indium	115-2	398934	394072	399054	397353	0.72	cps
Iron	54-2	5165973	5052407	5011366	5076582	1.58	cps
Iron	56-2	94636813	93399619	92254722	93430384	1.28	cps
Iron	57-2	2398675	2367897	2293777	2353450	2.29	cps
Krypton	83-1	467	480	473	473	1.41	cps
Lead	206-1	4857724	4979928	4917966	4918539	1.24	cps
Lead	207-1	4260380	4376249	4341167	4325932	1.37	cps
Lead	208-1	19173803	19664980	19569498	19469427	1.34	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:58:04	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	633006	635755	634712	634491	0.22	cps
Magnesium	24-2	14719740	14704765	14463690	14629398	0.98	cps
Manganese	55-2	2407595	2373511	2355213	2378773	1.12	cps
Molybdenum	94-1	3240139	3252728	3324359	3272409	1.39	cps
Molybdenum	95-1	3908985	3972609	4048328	3976641	1.75	cps
Molybdenum	96-1	4392100	4458280	4473973	4441451	0.98	cps
Molybdenum	97-1	2453166	2443042	2469233	2455147	0.54	cps
Molybdenum	98-1	6230717	6348378	6301636	6293577	0.94	cps
Neodymium	150-1	73	87	80	80	8.33	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	233041	232391	230905	232112	0.47	cps
Phosphorus	31-2	13115	14424	13748	13762	4.76	cps
Potassium	39-2	5918954	5810370	5847275	5858866	0.94	cps
Rhodium	103-1	2207970	2181737	2204986	2198231	0.65	cps
Rhodium	103-2	1094477	1093201	1093013	1093563	0.07	cps
Scandium	45-1	1584789	1585886	1586383	1585686	0.05	cps
Scandium	45-2	57591	56427	56835	56951	1.04	cps
Selenium	82-1	25597	25733	26399	25910	1.66	cps
Selenium	77-2	783	1023	897	901	13.32	cps
Selenium	78-2	3011	2974	2875	2953	2.38	cps
Silicon	28-1	1442948	1525798	1646327	1538358	6.65	cps
Silver	109-1	1880910	1849361	1870786	1867019	0.86	cps
Silver	107-1	1929856	1979437	1986683	1965325	1.57	cps
Sodium	23-2	28800835	28204628	28208031	28404498	1.21	cps
Strontium	86-1	493384	501779	507549	500904	1.42	cps
Strontium	88-1	4276135	4302458	4300365	4292986	0.34	cps
Sulfur	34-1	632366	634231	637114	634570	0.38	cps
Terbium	159-1	2691865	2670814	2753858	2705513	1.60	cps
Terbium	159-2	1258907	1235869	1244836	1246537	0.93	cps
Thallium	203-1	1159432	1175603	1203327	1179454	1.88	cps
Thallium	205-1	2767526	2776482	2864327	2802778	1.91	cps
Tin	118-1	1210073	1203908	1210224	1208068	0.30	cps
Titanium	47-1	1154631	1162425	1190130	1169062	1.60	cps
Uranium	238-1	3528987	3456926	3540953	3508955	1.30	cps
Vanadium	51-2	397460	390518	387403	391794	1.31	cps
Yttrium	89-1	4159734	4103783	4141240	4134919	0.69	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 15:58:04	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	507610	508529	508512	508217	0.10	cps
Zinc	66-2	894615	885871	880257	886914	0.82	cps
Zirconium	90-1	2676465	2702827	2695877	2691723	0.51	cps
Zirconium	91-1	604678	600234	608973	604628	0.72	cps

LB Number : LB109035 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2020-05-06 16:12:23 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310	266	350	309	13.61	cps
Antimony	121-1	42	83	83	69	34.64	cps
Arsenic	75-2	6	4	3	4	35.25	cps
Barium	135-1	17	17	33	22	43.28	cps
Barium	137-1	17	58	42	39	53.92	cps
Beryllium	9-1	26	38	30	31	19.51	cps
Bismuth	209-1	1398865	1409046	1408331	1405414	0.40	cps
Bismuth	209-2	776968	798535	807589	794364	1.98	cps
Boron	10-1	684	704	682	690	1.76	cps
Boron	11-1	3454	3342	3440	3412	1.79	cps
Bromine	81-1	1952	2243	2102	2099	6.92	cps
Cadmium	111-1	555	641	625	607	7.55	cps
Cadmium	106-1	775	908	875	853	8.14	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	475	467	492	478	2.66	cps
Calcium	44-1	23804	21892	23478	23058	4.44	cps
Chromium	52-2	1173	1177	1163	1171	0.59	cps
Cobalt	59-2	50	33	53	46	23.52	cps
Copper	63-2	550	603	547	567	5.61	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	8	33	17	86.62	cps
Gadolinium	160-2	7	13	0	7	99.98	cps
Holmium	165-1	2246412	2279688	2249447	2258515	0.81	cps
Holmium	165-2	1097529	1132401	1145527	1125152	2.20	cps
Indium	115-1	2103120	2114266	2089762	2102383	0.58	cps
Indium	115-2	348623	359290	362415	356776	2.03	cps
Iron	54-2	556	389	517	487	17.90	cps
Iron	56-2	2739	2734	2911	2795	3.62	cps
Iron	57-2	78	106	100	94	15.56	cps
Krypton	83-1	483	447	460	463	4.01	cps
Lead	206-1	589	561	428	526	16.38	cps
Lead	207-1	367	450	422	413	10.28	cps
Lead	208-1	2022	2083	1956	2020	3.16	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 16:12:23	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	588090	585681	586722	586831	0.21	cps
Magnesium	24-2	233	208	175	206	14.24	cps
Manganese	55-2	87	77	127	97	27.37	cps
Molybdenum	94-1	83	83	75	81	5.98	cps
Molybdenum	95-1	58	58	17	44	54.12	cps
Molybdenum	96-1	108	117	75	100	22.05	cps
Molybdenum	97-1	58	8	0	22	141.99	cps
Molybdenum	98-1	117	8	17	47	127.66	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	107	167	131	24.03	cps
Phosphorus	31-2	175	225	250	217	17.63	cps
Potassium	39-2	21299	21817	21408	21508	1.27	cps
Rhodium	103-1	2064812	2073249	2038023	2058695	0.89	cps
Rhodium	103-2	1003648	1042124	1041729	1029167	2.15	cps
Scandium	45-1	1405684	1462050	1430751	1432828	1.97	cps
Scandium	45-2	50545	51893	51693	51377	1.42	cps
Selenium	82-1	-43	15	-38	-22	-146.92	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	39	42	42	41	4.22	cps
Silicon	28-1	505155	508071	507837	507021	0.32	cps
Silver	109-1	33	50	25	36	35.25	cps
Silver	107-1	25	50	42	39	32.73	cps
Sodium	23-2	29230	28804	28620	28885	1.08	cps
Strontium	86-1	817	642	600	686	16.76	cps
Strontium	88-1	175	225	192	197	12.91	cps
Sulfur	34-1	503047	496863	498392	499434	0.65	cps
Terbium	159-1	2372374	2420898	2390981	2394751	1.02	cps
Terbium	159-2	1096219	1131919	1151944	1126694	2.51	cps
Thallium	203-1	125	108	192	142	31.13	cps
Thallium	205-1	275	342	333	317	11.47	cps
Tin	118-1	392	267	325	328	19.08	cps
Titanium	47-1	517	533	383	478	17.21	cps
Uranium	238-1	8	25	0	11	114.58	cps
Vanadium	51-2	23	17	10	17	39.99	cps
Yttrium	89-1	3718446	3707808	3750810	3725688	0.60	cps

LB Number :	LB109035	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2020-05-06 16:12:23	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	449030	460712	466727	458823	1.96	cps
Zinc	66-2	137	107	103	116	15.89	cps
Zirconium	90-1	183	242	142	189	26.59	cps
Zirconium	91-1	33	42	67	47	36.74	cps