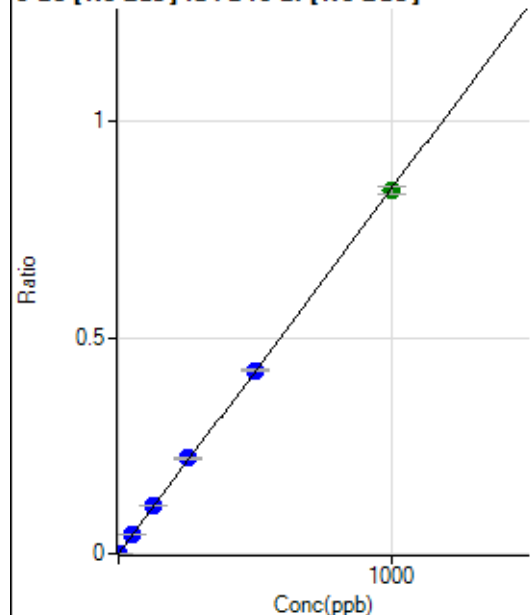


Batch Folder: D:\P8101617MS.b\
Analysis File: P8101617MS.batch.bin
DA Date-Time: 2017-10-17 12:26:46
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-10-16 12:29:25
2			
3	005CALS.d	S02	2017-10-16 12:36:21
4	006CALS.d	S03	2017-10-16 12:39:51
5	007CALS.d	S04	2017-10-16 12:43:18
6	008CALS.d	S05	2017-10-16 12:46:41
7	009CALS.d	S06	2017-10-16 12:49:59
8	010CALS.d	S07	2017-10-16 12:53:11
9	011CALS.d	S08	2017-10-16 12:56:21

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.63	0.0000	P	21.1
2	☐	0.100					
3	☐	1.000	0.950	1053.77	0.0008	P	4.3
4	☐	50.000	53.696	58599.00	0.0454	P	1.6
5	☐	125.000	133.322	145596.84	0.1127	P	0.6
6	☐	250.000	261.357	288033.26	0.2208	P	0.5
7	☐	500.000	503.132	553519.78	0.4251	P	0.6
8	☐	1000.000	994.370	1079978.68	0.8402	A	2.2
9	☐			283.34	0.0002	P	14.7

$$y = 8.4491\text{E-}004 * x + 2.4225\text{E-}005$$

$$R = 0.9999$$

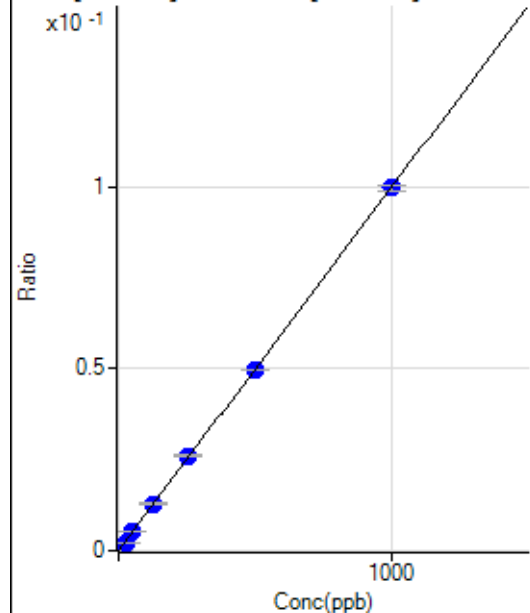
$$DL = 0.01814$$

$$BEC = 0.02867$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	41.3
2	☐	2.500					
3	☐	25.000	22.026	2864.30	0.0022	P	3.5
4	☐	50.000	53.029	6896.34	0.0053	P	3.5
5	☐	125.000	127.631	16521.24	0.0128	P	4.6
6	☐	250.000	260.195	33930.01	0.0260	P	1.3
7	☐	500.000	497.417	64696.27	0.0497	P	0.3
8	☐	1000.000	998.337	128142.70	0.0997	P	1.3
9	☐			4448.11	0.0035	P	6.4

$$y = 9.9792\text{E-}005 * x + 4.9935\text{E-}005$$

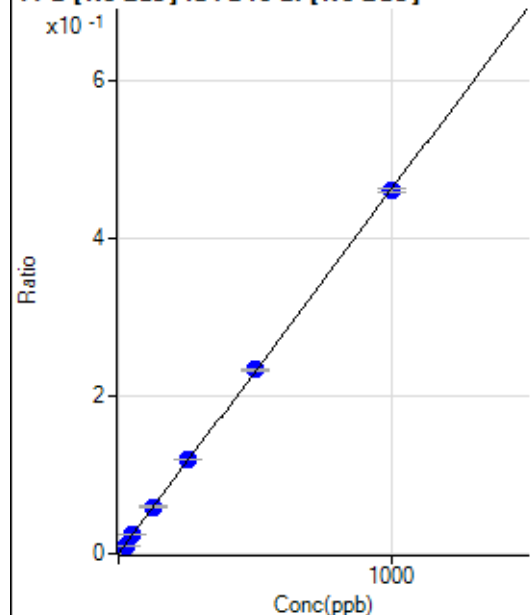
$$R = 0.9999$$

$$DL = 0.6195$$

$$BEC = 0.5004$$

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	308.35	0.0003	P	5.4
2	☐	2.500					
3	☐	25.000	22.976	13840.57	0.0109	P	1.6
4	☐	50.000	51.837	31226.67	0.0242	P	0.6
5	☐	125.000	128.633	77071.38	0.0596	P	2.9
6	☐	250.000	257.615	155464.46	0.1192	P	1.4
7	☐	500.000	503.844	303254.55	0.2329	P	1.3
8	☐	1000.000	995.679	591392.89	0.4600	P	0.9
9	☐			21066.33	0.0165	P	8.7

$$y = 4.6173\text{E-}004 * x + 2.5236\text{E-}004$$

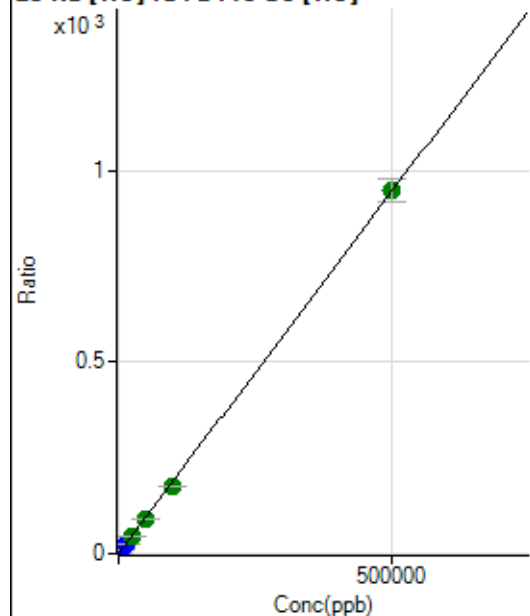
$$R = 0.9999$$

$$DL = 0.08788$$

$$BEC = 0.5466$$

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	8619.64	0.2157	P	1.3
2	☐	50.000					
3	☐	500.000	432.820	42458.70	1.0324	P	2.5
4	☐	5000.000	4881.326	392712.18	9.4256	P	1.0
5	☐	12500.000	12332.859	956579.32	23.4848	P	0.9
6	☐	25000.000	24924.279	1887283.33	47.2417	A	0.6
7	☐	50000.000	48479.893	3448173.56	91.6854	A	1.8
8	☐	100000.00	93125.326	6366791.59	175.9204	A	1.7
9	☐	500000.00	501536.16	35148079.26	946.4914	A	6.2

$$y = 0.0019 * x + 0.2157$$

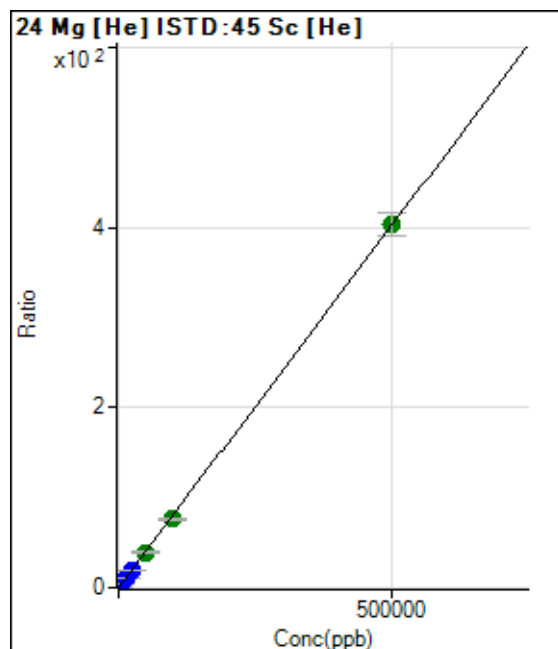
$$R = 0.9999$$

$$DL = 4.443$$

$$BEC = 114.3$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0029	P	7.2
2	☐	50.000					
3	☐	500.000	436.330	14560.88	0.3540	P	1.7
4	☐	5000.000	4828.676	161976.66	3.8877	P	1.6
5	☐	12500.000	12252.138	401611.09	9.8602	P	1.5
6	☐	25000.000	24261.706	779894.82	19.5222	P	0.8
7	☐	50000.000	48871.488	1478754.28	39.3216	A	2.5
8	☐	100000.00	94797.297	2760343.75	76.2704	A	1.6
9	☐	500000.00	501198.28	14974080.54	403.2331	A	6.2

$$y = 8.0453\text{E-}004 * x + 0.0029$$

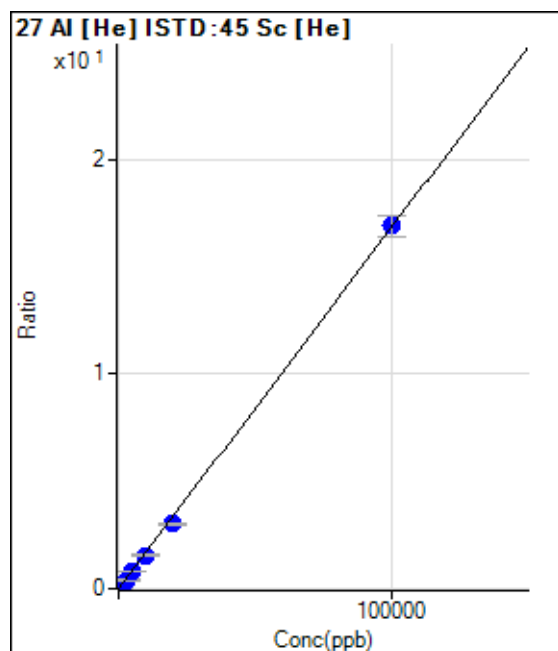
$$R = 0.9999$$

$$DL = 0.7867$$

$$BEC = 3.63$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0005	P	25.0
2	☐	2.000					
3	☐	20.000	18.758	150.01	0.0036	P	23.9
4	☐	1000.000	939.658	6612.93	0.1587	P	2.0
5	☐	2500.000	2380.530	16348.92	0.4013	P	5.6
6	☐	5000.000	4731.580	31847.86	0.7972	P	1.2
7	☐	10000.000	9280.840	58791.99	1.5632	P	1.4
8	☐	20000.000	18034.107	109910.20	3.0371	P	2.4
9	☐	100000.00	100482.10	628418.60	16.9201	P	5.8

$$y = 1.6838\text{E-}004 * x + 4.8694\text{E-}004$$

$$R = 0.9998$$

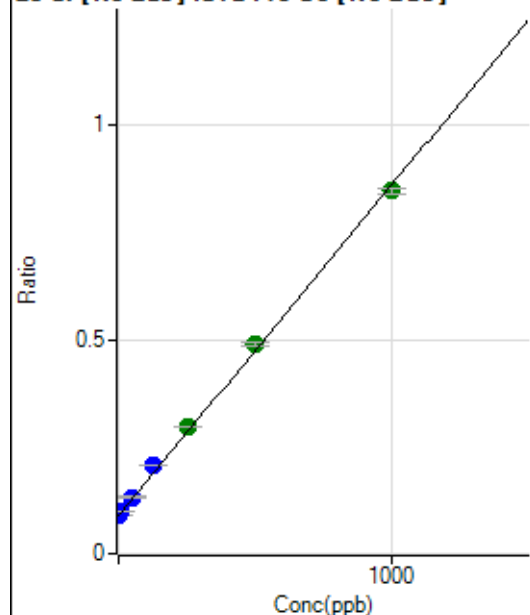
$$DL = 2.172$$

$$BEC = 2.892$$

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	385032.84	0.0887	P	0.9
2	☐	1.000					
3	☐	10.000	10.641	444436.55	0.0969	P	0.4
4	☐	50.000	56.135	609039.34	0.1320	P	0.8
5	☐	125.000	151.291	948317.42	0.2055	P	0.2
6	☐	250.000	268.859	1368562.11	0.2963	A	0.6
7	☐	500.000	518.067	2219379.26	0.4887	A	1.3
8	☐	1000.000	982.652	3777764.23	0.8474	A	1.5
9	☐			360899.93	0.0794	P	2.1

$$y = 7.7204\text{E-}004 * x + 0.0887$$

$$R = 0.9993$$

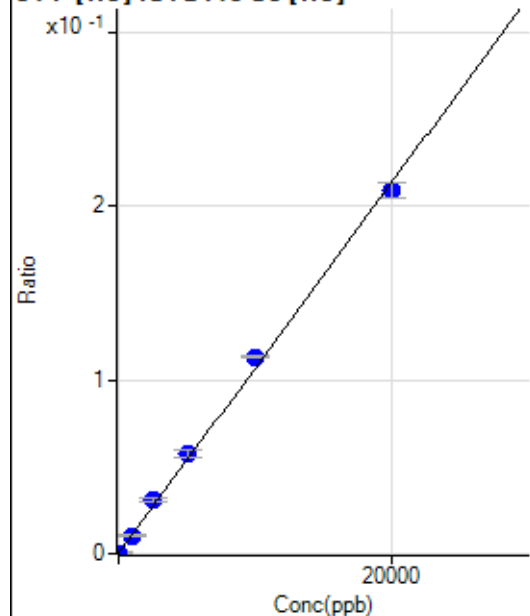
$$DL = 3.074$$

$$BEC = 114.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	16.262	13.89	0.0003	P	173.2
2	☐	0.000					
3	☐	0.000	-16.262	0.00	0.0000	P	
4	☐	1000.000	940.429	425.02	0.0102	P	10.3
5	☐	2500.000	2869.224	1252.89	0.0308	P	6.0
6	☐	5000.000	5352.607	2286.40	0.0572	P	7.0
7	☐	10000.000	10611.613	4261.94	0.1133	P	1.3
8	☐	20000.000	19562.867	7555.10	0.2088	P	4.3
9	☐			16.67	0.0004	P	48.0

$$y = 1.0662\text{E-}005 * x + 1.7339\text{E-}004$$

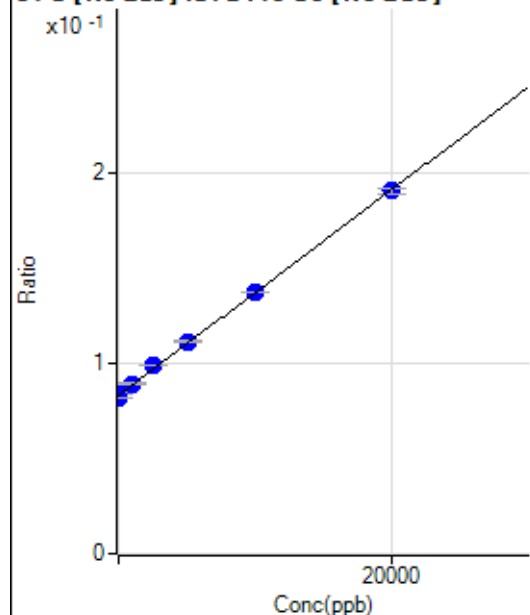
$$R = 0.9989$$

$$DL = 84.5$$

$$BEC = 16.26$$

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	238.628	366757.27	0.0845	P	1.2
2	☐	0.000					
3	☐	0.000	-238.628	375649.61	0.0819	P	0.8
4	☐	1000.000	1128.513	411898.79	0.0893	P	0.6
5	☐	2500.000	2893.032	456024.96	0.0988	P	0.3
6	☐	5000.000	5234.851	514872.68	0.1115	P	0.6
7	☐	10000.000	10025.238	623674.40	0.1373	P	0.4
8	☐	20000.000	19873.114	849258.33	0.1905	P	1.4
9	☐			338728.55	0.0745	P	0.4

$$y = 5.3983\text{E-}006 * x + 0.0832$$

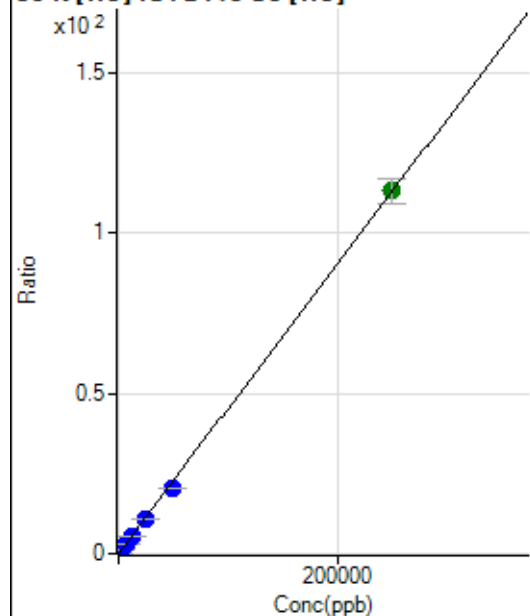
$$R = 0.9996$$

$$DL = 453.7$$

$$BEC = 1.541\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2775.41	0.0695	P	4.3
2	☐	50.000					
3	☐	500.000	433.920	10907.45	0.2651	P	4.9
4	☐	2500.000	2451.587	48950.17	1.1748	P	2.4
5	☐	6250.000	6178.828	116301.79	2.8553	P	0.9
6	☐	12500.000	12149.739	221617.95	5.5474	P	0.5
7	☐	25000.000	23523.070	401446.26	10.6752	P	2.2
8	☐	50000.000	45533.199	745563.51	20.5988	P	1.0
9	☐	250000.00	251060.96	4205479.61	113.2641	A	6.6

$$y = 4.5087\text{E-}004 * x + 0.0695$$

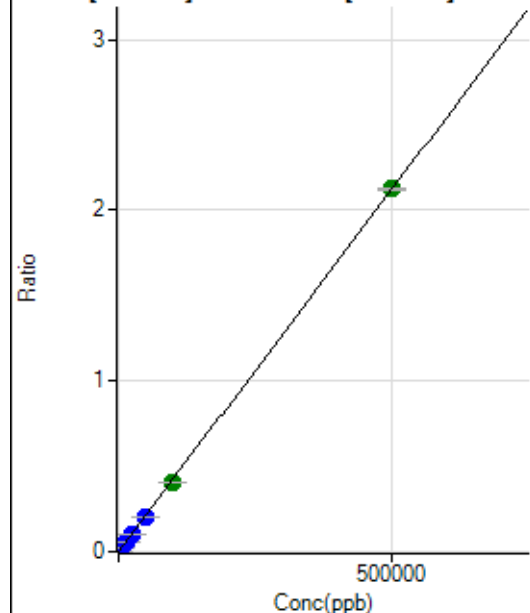
$$R = 0.9998$$

$$DL = 19.9$$

$$BEC = 154.1$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2144.71	0.0005	P	3.4
2	☐	50.000					
3	☐	500.000	394.823	9942.83	0.0022	P	3.0
4	☐	5000.000	4773.908	95649.90	0.0207	P	1.1
5	☐	12500.000	11888.607	234907.42	0.0509	P	0.7
6	☐	25000.000	23720.194	466887.16	0.1011	P	0.7
7	☐	50000.000	47278.604	912752.29	0.2010	P	1.2
8	☐	100000.00	96028.059	1817623.54	0.4077	A	1.4
9	☐	500000.00	501148.16	9664152.30	2.1256	A	0.4

$$y = 4.2404\text{E-}006 * x + 4.9397\text{E-}004$$

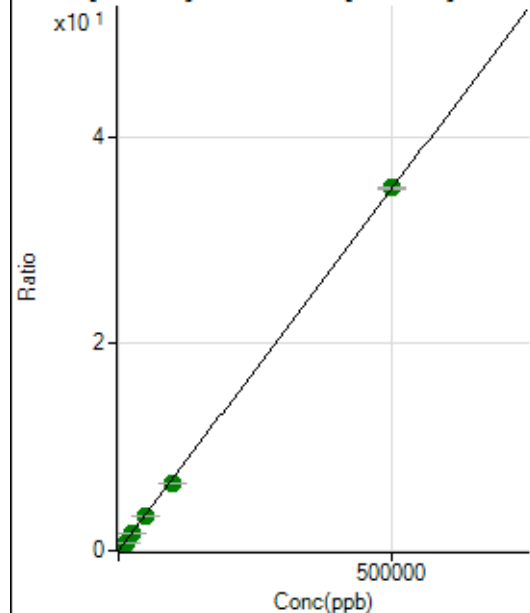
$$R = 1.0000$$

$$DL = 12.06$$

$$BEC = 116.5$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16279.55	0.0038	P	1.6
2	☐	50.000					
3	☐	500.000	419.634	151580.97	0.0331	P	0.9
4	☐	5000.000	4780.099	1557098.20	0.3376	A	0.3
5	☐	12500.000	11845.453	3834491.23	0.8310	A	0.7
6	☐	25000.000	23371.723	7556443.14	1.6359	A	0.8
7	☐	50000.000	46825.770	14868278.98	3.2738	A	0.5
8	☐	100000.00	93407.953	29099350.30	6.5269	A	1.3
9	☐	500000.00	501735.88	159325535.5	35.0423	A	0.4

$$y = 6.9835\text{E-}005 * x + 0.0038$$

$$R = 0.9999$$

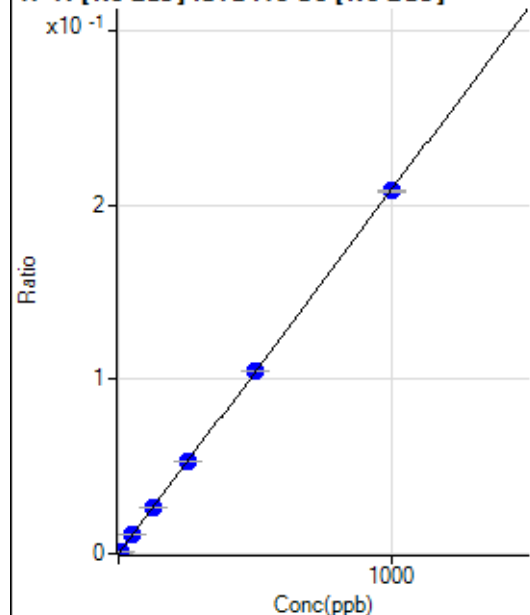
$$DL = 2.527$$

$$BEC = 53.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	22.1
2	☐	0.500					
3	☐	5.000	4.575	4517.60	0.0010	P	6.5
4	☐	50.000	50.939	49193.10	0.0107	P	0.7
5	☐	125.000	127.255	122737.11	0.0266	P	1.0
6	☐	250.000	253.187	244303.52	0.0529	P	1.2
7	☐	500.000	503.302	477359.46	0.1051	P	0.0
8	☐	1000.000	997.226	928401.70	0.2082	P	0.9
9	☐			658.38	0.0001	P	16.8

$$y = 2.0878\text{E-}004 * x + 3.0060\text{E-}005$$

$$R = 1.0000$$

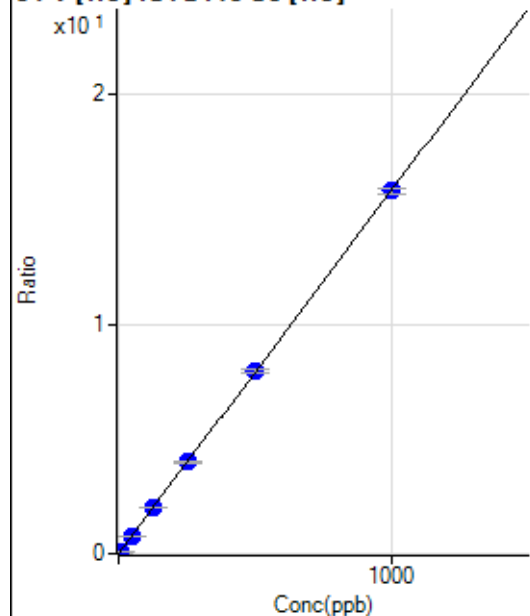
$$DL = 0.09566$$

$$BEC = 0.144$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0002	P	24.5
2	☐	0.500					
3	☐	5.000	4.417	2882.56	0.0701	P	1.7
4	☐	50.000	49.758	32811.98	0.7875	P	1.2
5	☐	125.000	125.865	81126.41	1.9918	P	1.2
6	☐	250.000	252.432	159567.58	3.9944	P	1.5
7	☐	500.000	501.371	298348.71	7.9334	P	2.1
8	☐	1000.000	998.613	571880.20	15.8013	P	1.5
9	☐			120.00	0.0032	P	5.7

$$y = 0.0158 * x + 1.9465\text{E-}004$$

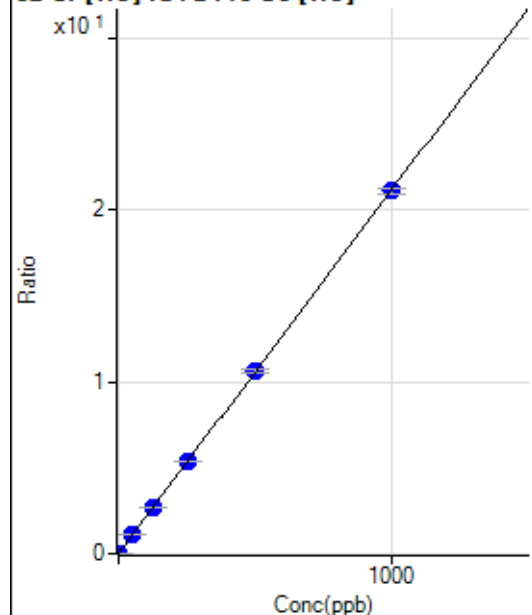
$$R = 1.0000$$

$$DL = 0.009033$$

$$BEC = 0.0123$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.24	0.0126	P	4.7
2	☐	0.200					
3	☐	2.000	1.933	2197.99	0.0534	P	3.0
4	☐	50.000	50.617	45118.24	1.0829	P	0.4
5	☐	125.000	127.258	110113.03	2.7035	P	1.8
6	☐	250.000	252.812	214065.80	5.3583	P	0.5
7	☐	500.000	502.019	399702.30	10.6278	P	1.6
8	☐	1000.000	997.975	764185.61	21.1148	P	1.5
9	☐			12588.06	0.3390	P	6.8

$$y = 0.0211 * x + 0.0126$$

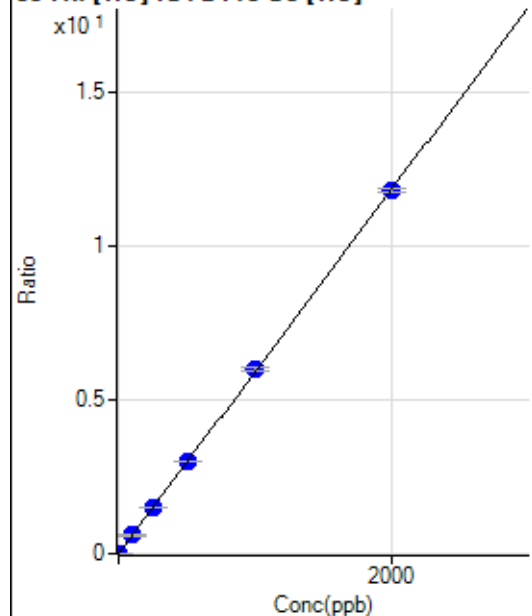
$$R = 1.0000$$

$$DL = 0.0841$$

$$BEC = 0.5945$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0007	P	74.5
2	☐	0.100					
3	☐	1.000	1.021	277.79	0.0068	P	10.5
4	☐	100.000	101.464	25009.23	0.6003	P	3.2
5	☐	250.000	255.829	61603.00	1.5124	P	1.4
6	☐	500.000	507.178	119755.61	2.9977	P	1.0
7	☐	1000.000	1010.032	224477.82	5.9691	P	1.9
8	☐	2000.000	1992.388	426139.80	11.7739	P	1.2
9	☐			1840.15	0.0496	P	8.5

$$y = 0.0059 * x + 7.2392E-004$$

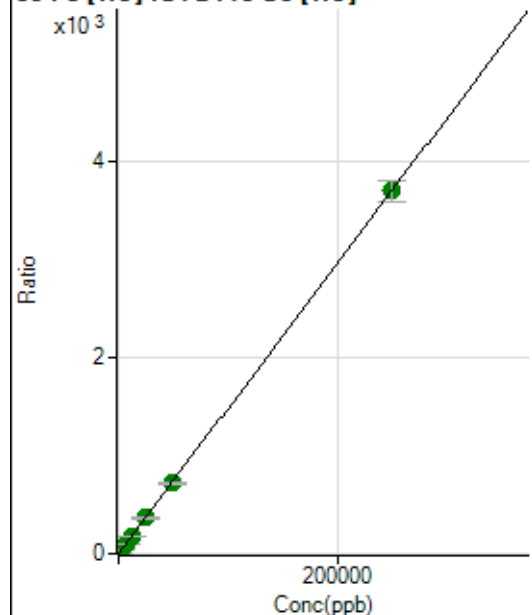
$$R = 1.0000$$

$$DL = 0.2737$$

$$BEC = 0.1225$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1514.95	0.0379	P	4.8
2	☐	5.000					
3	☐	50.000	43.676	28141.88	0.6842	P	1.5
4	☐	2500.000	2461.663	1519282.04	36.4641	A	0.6
5	☐	6250.000	6237.272	3760761.95	92.3332	A	1.4
6	☐	12500.000	12376.287	7317789.57	183.1746	A	0.7
7	☐	25000.000	24557.702	13667608.87	363.4277	A	2.0
8	☐	50000.000	48780.014	26125035.77	721.8545	A	1.6
9	☐	250000.00	250295.11	137561561.4	3,703.750	A	5.7

$$y = 0.0148 * x + 0.0379$$

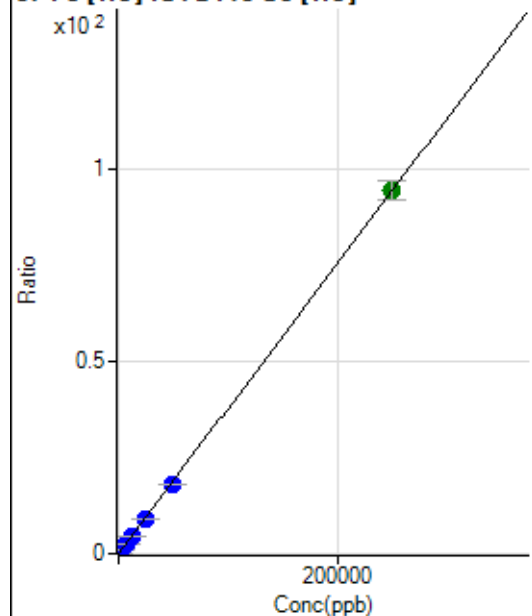
$$R = 1.0000$$

$$DL = 0.3711$$

$$BEC = 2.562$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0015	P	32.5
2	☐	5.000					
3	☐	50.000	42.852	725.97	0.0177	P	9.2
4	☐	2500.000	2390.294	37551.07	0.9012	P	1.5
5	☐	6250.000	6104.257	93635.09	2.2990	P	2.1
6	☐	12500.000	12121.298	182318.85	4.5637	P	1.0
7	☐	25000.000	24268.806	343586.80	9.1357	P	1.5
8	☐	50000.000	47991.761	653833.80	18.0644	P	0.9
9	☐	250000.00	250498.44	3502361.28	94.2830	A	5.4

$$y = 3.7638E-004 * x + 0.0015$$

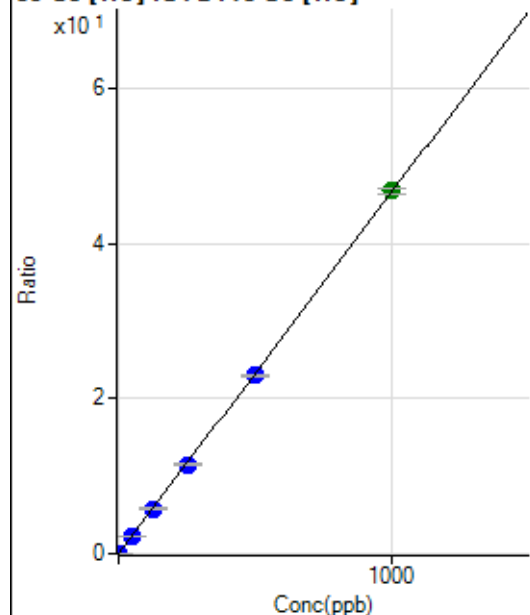
$$R = 1.0000$$

$$DL = 3.965$$

$$BEC = 4.061$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0018	P	11.7
2	☐	0.100					
3	☐	1.000	0.925	1845.71	0.0449	P	2.7
4	☐	50.000	49.490	96129.83	2.3072	P	0.7
5	☐	125.000	124.538	236377.87	5.8032	P	0.9
6	☐	250.000	246.719	459205.47	11.4948	P	0.8
7	☐	500.000	493.137	864002.12	22.9739	P	1.8
8	☐	1000.000	1004.335	1693359.86	46.7874	A	1.4
9	☐			1991.29	0.0537	P	8.0

$$y = 0.0466 * x + 0.0018$$

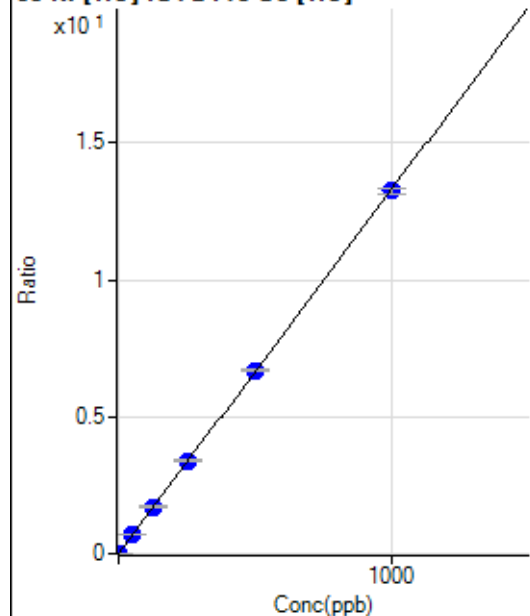
$$R = 1.0000$$

$$DL = 0.01337$$

$$BEC = 0.0382$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.23	0.0026	P	7.3
2	☐	0.100					
3	☐	1.000	0.924	610.03	0.0148	P	3.4
4	☐	50.000	51.079	28389.10	0.6813	P	0.9
5	☐	125.000	128.867	69857.55	1.7151	P	1.2
6	☐	250.000	254.651	135290.20	3.3866	P	1.2
7	☐	500.000	504.159	252068.80	6.7023	P	1.5
8	☐	1000.000	996.220	479220.11	13.2413	P	1.6
9	☐			5205.51	0.1400	P	3.4

$$y = 0.0133 * x + 0.0026$$

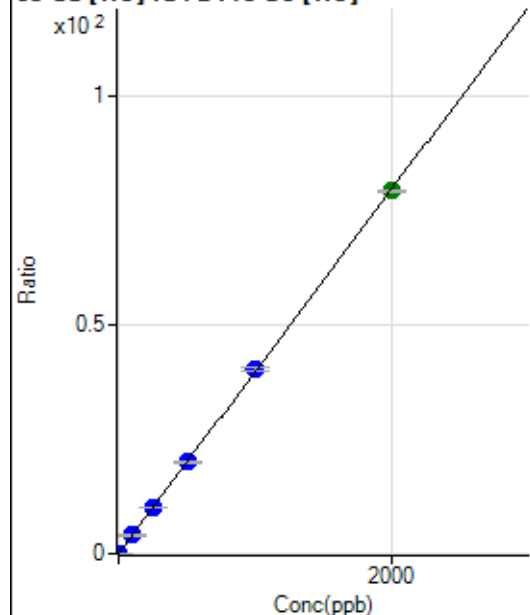
$$R = 1.0000$$

$$DL = 0.04195$$

$$BEC = 0.1925$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.11	0.0040	P	5.0
2	☐	0.200					
3	☐	2.000	1.848	3188.20	0.0775	P	1.2
4	☐	100.000	100.338	166378.25	3.9932	P	0.8
5	☐	250.000	252.990	409848.33	10.0622	P	1.1
6	☐	500.000	503.695	800155.69	20.0296	P	0.9
7	☐	1000.000	1013.593	1515682.51	40.3017	P	1.8
8	☐	2000.000	1991.889	2866548.60	79.1961	A	0.7
9	☐			3619.42	0.0974	P	7.4

$$y = 0.0398 * x + 0.0040$$

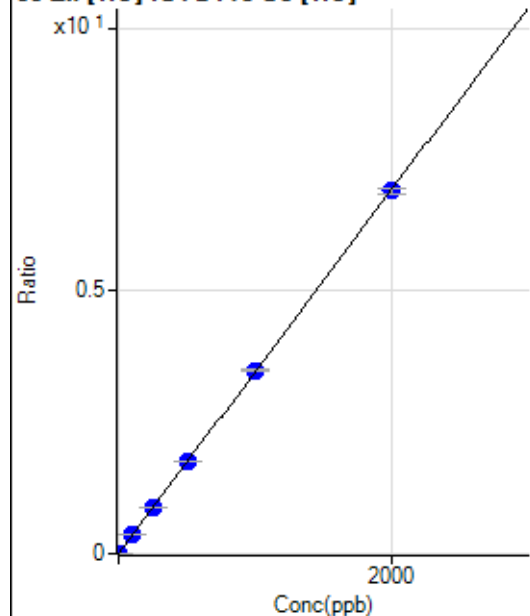
$$R = 1.0000$$

$$DL = 0.01535$$

$$BEC = 0.1014$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.34	0.0018	P	27.4
2	☐	0.200					
3	☐	2.000	1.756	325.57	0.0079	P	11.6
4	☐	100.000	100.868	14637.90	0.3513	P	0.8
5	☐	250.000	254.413	35976.77	0.8833	P	1.8
6	☐	500.000	506.864	70229.01	1.7580	P	1.2
7	☐	1000.000	1007.308	131331.13	3.4919	P	1.3
8	☐	2000.000	1994.035	250121.21	6.9107	P	1.4
9	☐			878.93	0.0236	P	1.7

$$y = 0.0035 * x + 0.0018$$

$$R = 1.0000$$

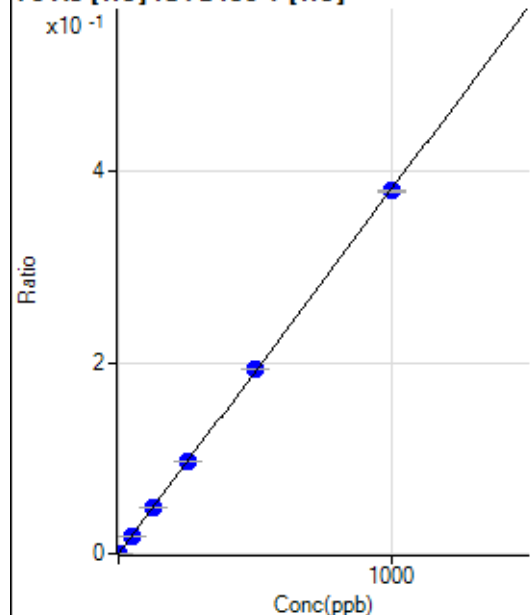
$$DL = 0.4353$$

$$BEC = 0.5295$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	125.1
2	☐	0.100					
3	☐	1.000	0.854	91.98	0.0003	P	1.9
4	☐	50.000	49.882	5226.97	0.0190	P	0.8
5	☐	125.000	125.434	13022.27	0.0478	P	0.7
6	☐	250.000	253.528	25630.59	0.0967	P	0.8
7	☐	500.000	506.807	48413.52	0.1932	P	0.7
8	☐	1000.000	995.666	92619.37	0.3796	P	0.7
9	☐			32.72	0.0001	P	32.4

$$y = 3.8125\text{E-}004 * x + 1.1810\text{E-}005$$

$$R = 1.0000$$

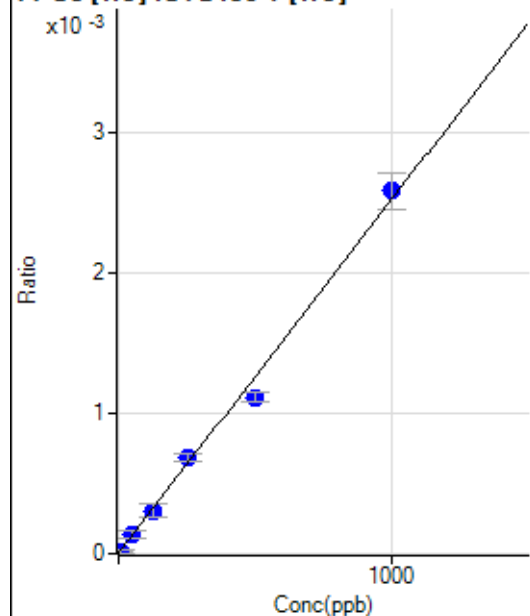
$$DL = 0.1163$$

$$BEC = 0.03098$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	4.735	4.44	0.0000	P	173.2
4	☐	50.000	52.877	37.78	0.0001	P	43.8
5	☐	125.000	120.105	83.34	0.0003	P	29.1
6	☐	250.000	270.073	181.11	0.0007	P	8.7
7	☐	500.000	441.145	278.90	0.0011	P	6.5
8	☐	1000.000	1024.879	630.03	0.0026	P	10.4
9	☐			0.00	0.0000	P	

$$y = 2.5141\text{E-}006 * x + 4.2888\text{E-}006$$

$$R = 0.9973$$

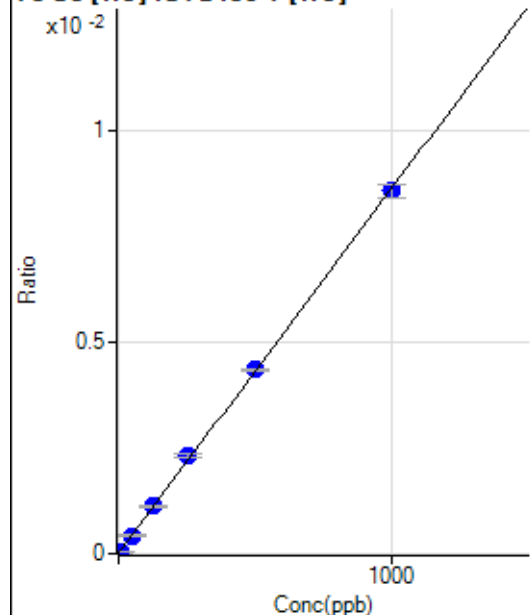
$$DL = 8.864$$

$$BEC = 1.706$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.85	0.0000	P	0.7
2	☐	0.500					
3	☐	5.000	3.893	11.11	0.0000	P	43.4
4	☐	50.000	48.660	117.29	0.0004	P	12.3
5	☐	125.000	129.523	306.18	0.0011	P	3.8
6	☐	250.000	267.032	612.98	0.0023	P	4.8
7	☐	500.000	502.807	1088.94	0.0043	P	1.0
8	☐	1000.000	993.846	2094.62	0.0086	P	3.8
9	☐			4.32	0.0000	P	30.7

$$y = 8.6301\text{E-}006 * x + 7.0936\text{E-}006$$

$$R = 0.9998$$

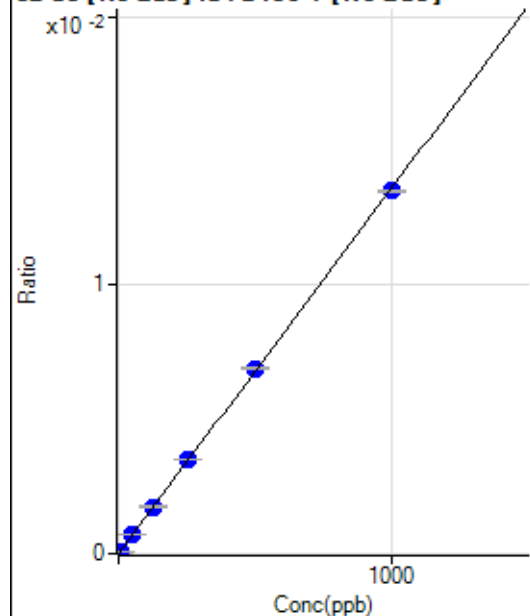
$$DL = 0.01771$$

$$BEC = 0.822$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-23.71	0.0000	P	-144.
2	☐	0.500					
3	☐	5.000	5.177	578.71	0.0001	P	3.9
4	☐	50.000	51.633	6038.69	0.0007	P	1.2
5	☐	125.000	128.673	15128.02	0.0017	P	1.0
6	☐	250.000	258.681	30143.00	0.0035	P	0.6
7	☐	500.000	507.793	58055.78	0.0069	P	0.2
8	☐	1000.000	993.391	114125.21	0.0135	P	0.7
9	☐			54.48	0.0000	P	50.8

$$y = 1.3611\text{E-}005 * x - 2.9125\text{E-}006$$

$$R = 0.9999$$

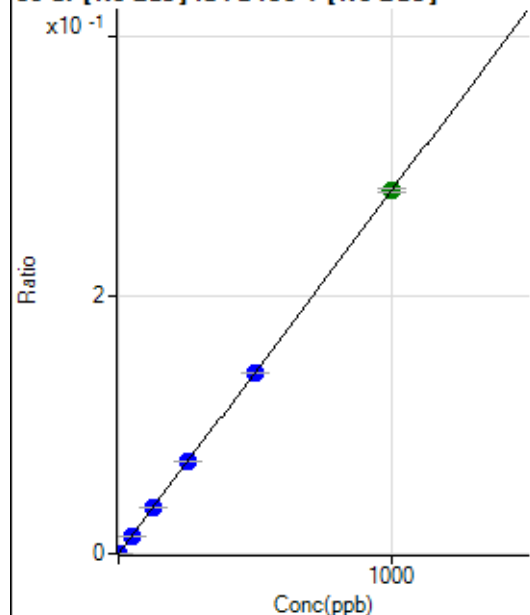
$$DL = 0.9302$$

$$BEC = -0.214$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	505.59	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	0.930	2769.86	0.0003	P	6.4
4	☐	50.000	49.856	121326.66	0.0141	P	0.3
5	☐	125.000	125.521	305480.02	0.0353	P	0.7
6	☐	250.000	252.566	608187.39	0.0710	P	0.1
7	☐	500.000	498.924	1177782.44	0.1402	P	0.2
8	☐	1000.000	999.839	2370737.36	0.2808	A	1.0
9	☐			83463.39	0.0099	P	0.8

$$y = 2.8079E-004 * x + 6.2126E-005$$

$$R = 1.0000$$

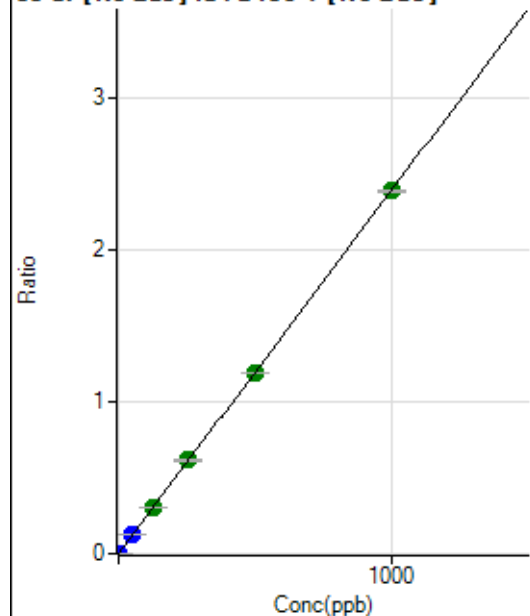
$$DL = 0.04433$$

$$BEC = 0.2213$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	327.80	0.0000	P	5.9
2	☐	0.100					
3	☐	1.000	0.908	18980.60	0.0022	P	1.7
4	☐	50.000	51.130	1057339.54	0.1225	P	0.1
5	☐	125.000	128.450	2663049.65	0.3078	A	0.6
6	☐	250.000	257.173	5279721.21	0.6162	A	0.7
7	☐	500.000	498.285	10032417.32	1.1939	A	0.3
8	☐	1000.000	998.576	20198571.98	2.3925	A	0.6
9	☐			726201.24	0.0860	P	0.5

$$y = 0.0024 * x + 4.0279E-005$$

$$R = 1.0000$$

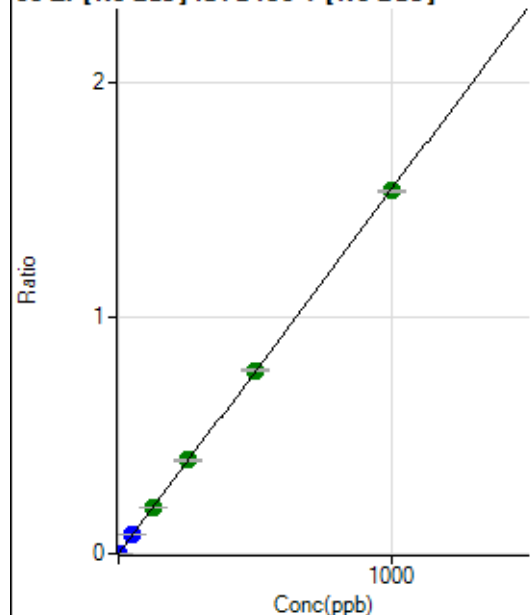
$$DL = 0.002952$$

$$BEC = 0.01681$$

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	566.71	0.0001	P	21.7
2	☐	0.100					
3	☐	1.000	0.880	12244.86	0.0014	P	1.9
4	☐	50.000	50.933	679637.42	0.0788	P	0.8
5	☐	125.000	127.301	1702464.77	0.1968	A	0.4
6	☐	250.000	257.009	3403144.13	0.3972	A	0.8
7	☐	500.000	503.901	6543423.89	0.7787	A	0.3
8	☐	1000.000	995.963	12992642.91	1.5390	A	0.5
9	☐			1925.22	0.0002	P	10.8

$$y = 0.0015 * x + 6.9634E-005$$

$$R = 1.0000$$

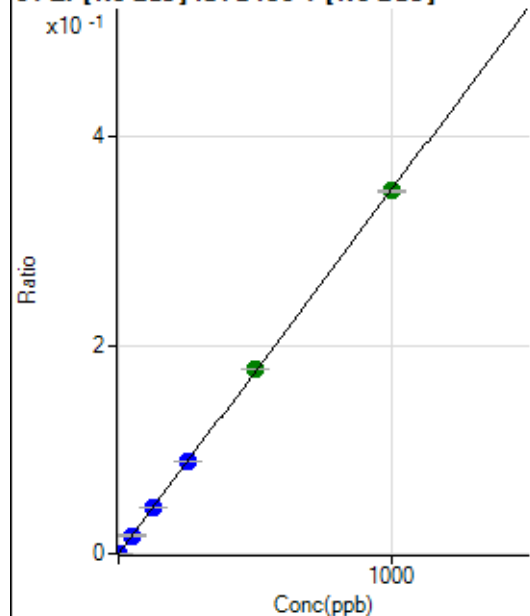
$$DL = 0.0294$$

$$BEC = 0.04507$$

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	122.23	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	0.869	2730.95	0.0003	P	5.5
4	☐	50.000	50.065	151154.14	0.0175	P	1.0
5	☐	125.000	124.971	378148.73	0.0437	P	0.3
6	☐	250.000	252.015	755045.41	0.0881	P	0.7
7	☐	500.000	505.445	1485050.60	0.1767	A	0.2
8	☐	1000.000	996.774	2942137.80	0.3485	A	0.8
9	☐			452.81	0.0001	P	16.9

$$y = 3.4961E-004 * x + 1.5018E-005$$

$$R = 1.0000$$

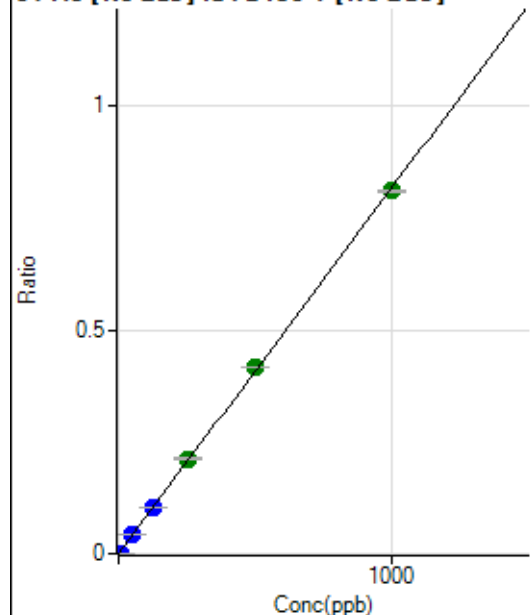
$$DL = 0.02026$$

$$BEC = 0.04296$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.13	0.0000	P	16.0
2	☐	0.500					
3	☐	5.000	1.975	14043.93	0.0016	P	4.2
4	☐	50.000	50.479	356008.80	0.0413	P	0.2
5	☐	125.000	125.963	890453.16	0.1029	P	0.7
6	☐	250.000	259.331	1815250.30	0.2119	A	1.4
7	☐	500.000	509.353	3496554.98	0.4161	A	0.4
8	☐	1000.000	992.861	6847199.80	0.8111	A	0.6
9	☐			6818.67	0.0008	P	1.5

$$y = 8.1686\text{E-}004 * x + 2.5943\text{E-}005$$

$$R = 0.9999$$

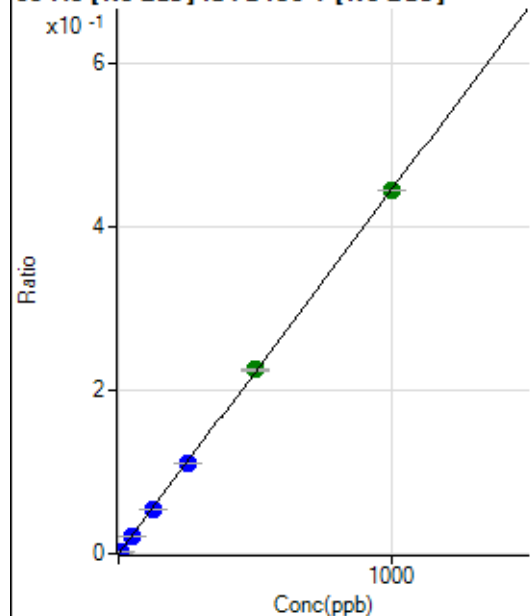
$$DL = 0.01523$$

$$BEC = 0.03176$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	99.0
2	☐	0.500					
3	☐	5.000	4.246	16232.53	0.0019	P	2.3
4	☐	50.000	49.571	190624.85	0.0221	P	0.2
5	☐	125.000	123.812	477390.10	0.0552	P	0.2
6	☐	250.000	249.692	953416.19	0.1113	P	0.5
7	☐	500.000	505.125	1891645.40	0.2251	A	0.6
8	☐	1000.000	997.688	3753551.69	0.4446	A	0.1
9	☐			10323.84	0.0012	P	3.9

$$y = 4.4563\text{E-}004 * x + 2.3890\text{E-}006$$

$$R = 1.0000$$

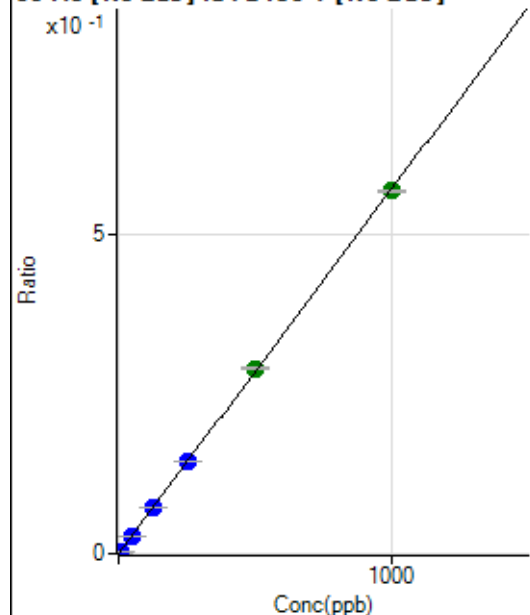
$$DL = 0.01592$$

$$BEC = 0.005361$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	25.0
2	☐	0.500					
3	☐	5.000	3.804	18624.63	0.0022	P	1.8
4	☐	50.000	49.541	243394.64	0.0282	P	0.2
5	☐	125.000	124.941	615407.24	0.0711	P	0.5
6	☐	250.000	251.239	1225437.83	0.1430	P	0.4
7	☐	500.000	508.658	2433270.93	0.2896	A	0.8
8	☐	1000.000	995.397	4783594.38	0.5666	A	0.6
9	☐			13173.58	0.0016	P	1.0

$$y = 5.6923\text{E-}004 * x + 8.1926\text{E-}006$$

$$R = 0.9999$$

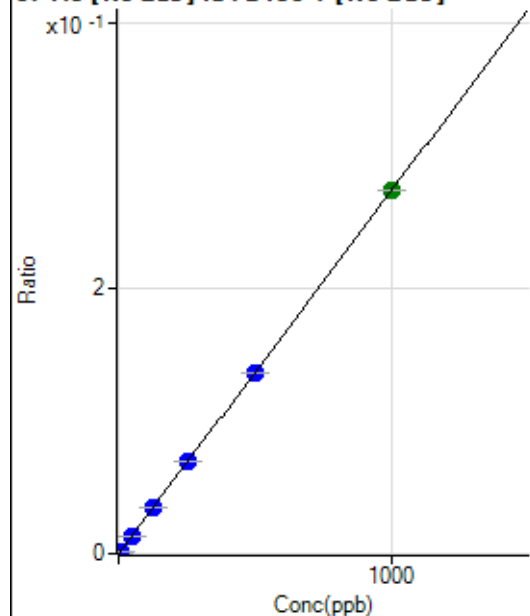
$$DL = 0.01081$$

$$BEC = 0.01439$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	94.4
2	☐	0.500					
3	☐	5.000	4.526	10621.29	0.0012	P	3.4
4	☐	50.000	49.831	117517.25	0.0136	P	1.8
5	☐	125.000	125.316	296308.93	0.0342	P	0.5
6	☐	250.000	253.920	594556.34	0.0694	P	0.6
7	☐	500.000	499.121	1146189.65	0.1364	P	0.3
8	☐	1000.000	999.431	2305759.10	0.2731	A	0.1
9	☐			6312.88	0.0007	P	4.4

$$y = 2.7327\text{E-}004 * x + 2.7309\text{E-}006$$

$$R = 1.0000$$

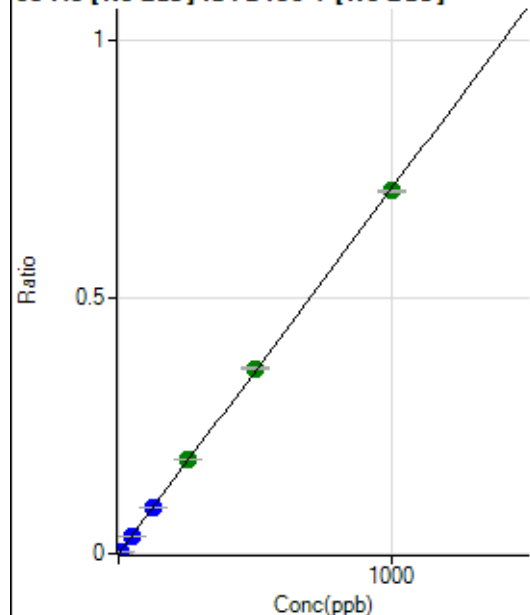
$$DL = 0.02829$$

$$BEC = 0.009993$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	75.5
2	☐	0.500					
3	☐	5.000	4.426	27014.02	0.0032	P	1.1
4	☐	50.000	49.657	304921.28	0.0353	P	0.1
5	☐	125.000	125.103	770259.92	0.0890	P	0.2
6	☐	250.000	257.844	1572145.49	0.1835	A	0.5
7	☐	500.000	507.970	3037744.84	0.3615	A	1.4
8	☐	1000.000	994.061	5971959.81	0.7074	A	0.3
9	☐			16379.94	0.0019	P	3.3

$$y = 7.1160\text{E-}004 * x + 3.4131\text{E-}006$$

$$R = 0.9999$$

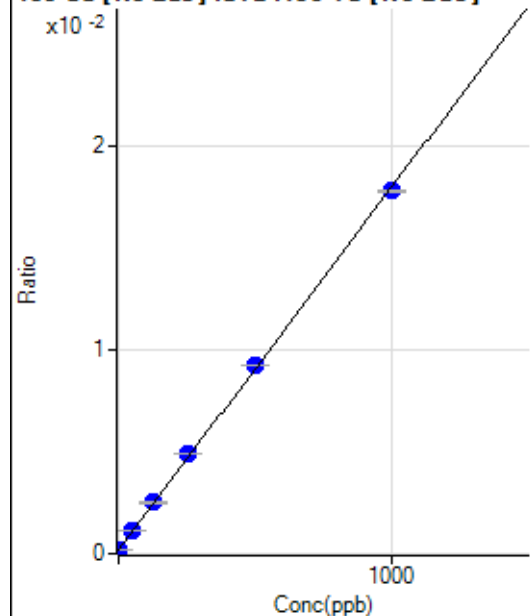
$$DL = 0.01086$$

$$BEC = 0.004796$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1739.09	0.0002	P	8.8
2	☐	0.100					
3	☐	1.000	0.160	1878.00	0.0002	P	4.1
4	☐	50.000	53.085	11894.71	0.0011	P	1.6
5	☐	125.000	131.391	26899.93	0.0025	P	2.1
6	☐	250.000	265.817	52575.83	0.0049	P	1.3
7	☐	500.000	509.476	98847.21	0.0092	P	0.8
8	☐	1000.000	990.355	193202.97	0.0178	P	0.6
9	☐			1830.78	0.0002	P	9.3

$$y = 1.7806\text{E-}005 * x + 1.7550\text{E-}004$$

$$R = 0.9998$$

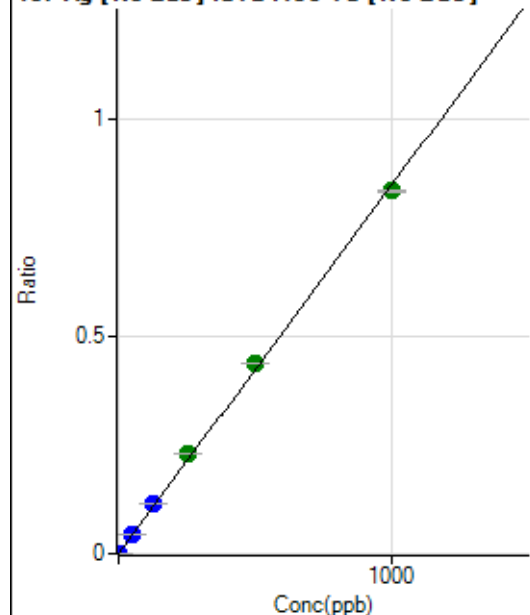
$$DL = 2.616$$

$$BEC = 9.856$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	33.6
2	☐	0.100					
3	☐	1.000	0.971	8725.39	0.0008	P	3.7
4	☐	50.000	54.015	485833.97	0.0458	P	0.8
5	☐	125.000	134.125	1215792.33	0.1137	P	0.7
6	☐	250.000	269.895	2449735.58	0.2287	A	0.7
7	☐	500.000	517.645	4689150.75	0.4387	A	0.1
8	☐	1000.000	984.862	9054128.67	0.8346	A	0.4
9	☐			1022.31	0.0001	P	8.5

$$y = 8.4745\text{E-}004 * x + 5.3353\text{E-}006$$

$$R = 0.9995$$

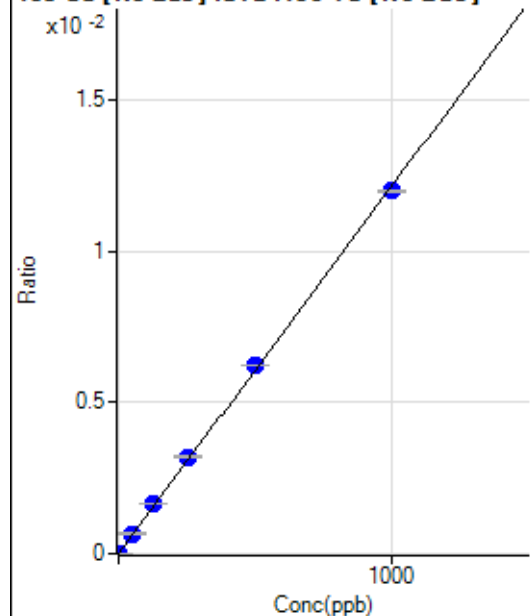
$$DL = 0.006343$$

$$BEC = 0.006296$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.890	119.45	0.0000	P	5.6
4	☐	50.000	54.808	7056.16	0.0007	P	0.9
5	☐	125.000	136.085	17650.74	0.0017	P	1.9
6	☐	250.000	263.577	34225.68	0.0032	P	0.8
7	☐	500.000	513.509	66541.38	0.0062	P	0.6
8	☐	1000.000	988.226	129952.35	0.0120	P	0.7
9	☐			13.89	0.0000	P	86.6

$$y = 1.2121\text{E-}005 * x + 5.6011\text{E-}007$$

$$R = 0.9997$$

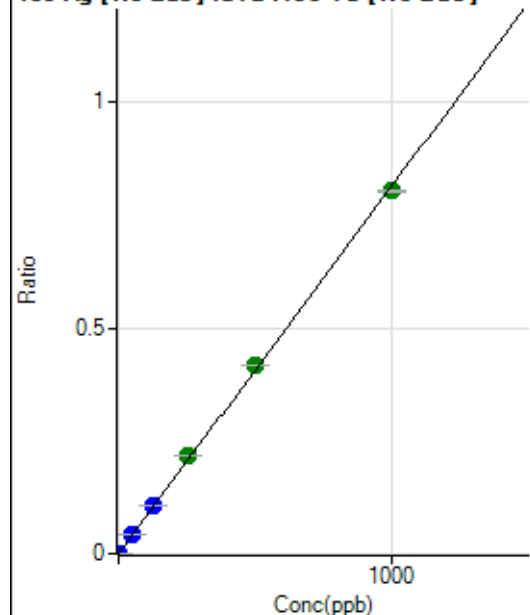
$$DL = 0.1201$$

$$BEC = 0.04621$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	44.3
2	☐	0.100					
3	☐	1.000	0.973	8383.53	0.0008	P	4.9
4	☐	50.000	53.513	461526.48	0.0435	P	0.6
5	☐	125.000	132.721	1153588.78	0.1079	P	0.3
6	☐	250.000	268.837	2339776.92	0.2185	A	0.2
7	☐	500.000	511.787	4445350.01	0.4159	A	0.1
8	☐	1000.000	988.257	8711629.79	0.8030	A	0.2
9	☐			969.52	0.0001	P	12.5

$$y = 8.1258\text{E-}004 * x + 5.0467\text{E-}006$$

$$R = 0.9997$$

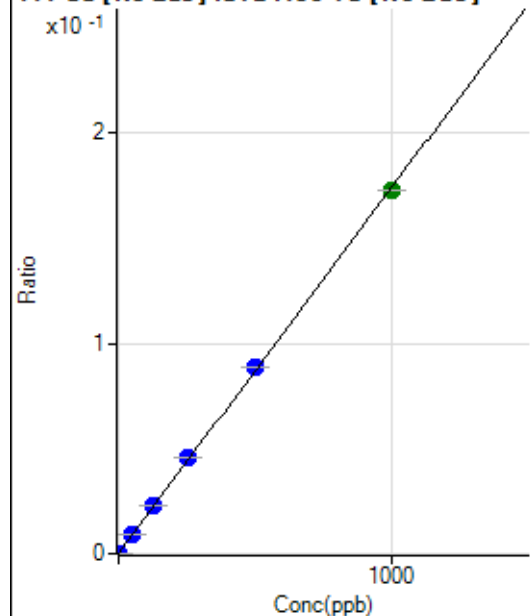
$$DL = 0.008255$$

$$BEC = 0.006211$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1214.86	0.0001	P	8.9
2	☐	0.100					
3	☐	1.000	0.912	2958.92	0.0003	P	0.8
4	☐	50.000	53.509	99941.26	0.0094	P	0.8
5	☐	125.000	132.915	248255.58	0.0232	P	0.1
6	☐	250.000	261.353	487521.66	0.0455	P	0.8
7	☐	500.000	508.928	946242.65	0.0885	P	0.3
8	☐	1000.000	991.533	1869685.53	0.1723	A	0.1
9	☐			1457.94	0.0001	P	9.7

$$y = 1.7370\text{E-}004 * x + 1.2260\text{E-}004$$

$$R = 0.9999$$

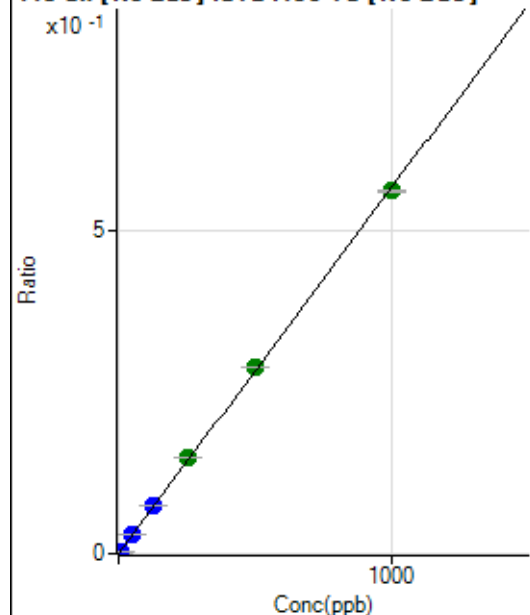
$$DL = 0.1892$$

$$BEC = 0.7058$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	775.06	0.0001	P	14.8
2	☐	0.500					
3	☐	5.000	4.558	27971.79	0.0027	P	1.8
4	☐	50.000	51.981	312846.76	0.0295	P	1.2
5	☐	125.000	130.361	789533.40	0.0738	P	0.2
6	☐	250.000	262.401	1590456.87	0.1485	A	1.0
7	☐	500.000	509.302	3080164.68	0.2882	A	0.6
8	☐	1000.000	991.482	6084563.29	0.5609	A	0.5
9	☐			6343.43	0.0006	P	3.6

$$y = 5.6563\text{E-}004 * x + 7.8251\text{E-}005$$

$$R = 0.9998$$

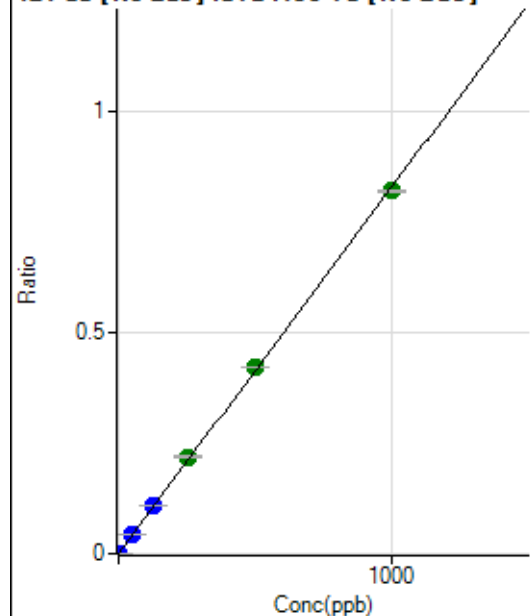
$$DL = 0.06127$$

$$BEC = 0.1383$$

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	47.22	0.0000	P	62.1
2	☐	0.200					
3	☐	2.000	1.848	16135.35	0.0015	P	0.9
4	☐	50.000	51.899	455370.45	0.0429	P	1.1
5	☐	125.000	130.350	1152672.12	0.1078	P	0.6
6	☐	250.000	264.420	2341318.43	0.2186	A	1.0
7	☐	500.000	510.314	4509773.36	0.4219	A	0.5
8	☐	1000.000	990.475	8882922.42	0.8188	A	0.6
9	☐			10618.64	0.0010	P	1.6

$$y = 8.2672\text{E-}004 * x + 4.7754\text{E-}006$$

$$R = 0.9998$$

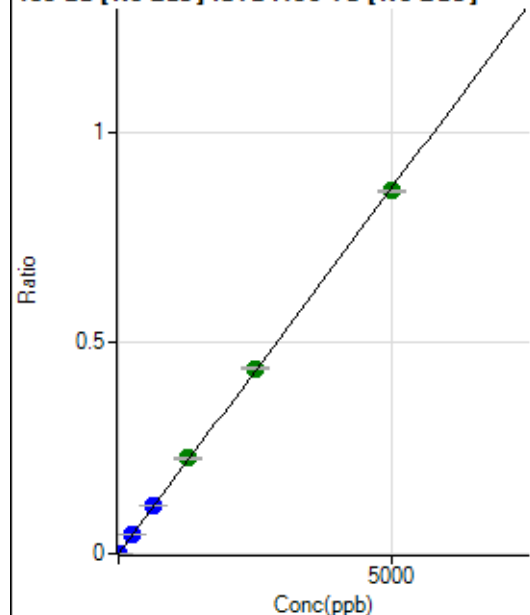
$$DL = 0.01076$$

$$BEC = 0.005776$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	46.6
2	☐	1.000					
3	☐	10.000	9.355	17139.52	0.0016	P	1.5
4	☐	250.000	258.567	475775.11	0.0448	P	0.5
5	☐	625.000	647.931	1201518.57	0.1123	P	0.7
6	☐	1250.000	1304.705	2422621.82	0.2262	A	0.9
7	☐	2500.000	2538.750	4704787.65	0.4401	A	0.8
8	☐	5000.000	4963.655	9335237.53	0.8605	A	0.2
9	☐			2700.40	0.0002	P	1.8

$$y = 1.7337\text{E-}004 * x + 5.6201\text{E-}006$$

$$R = 0.9999$$

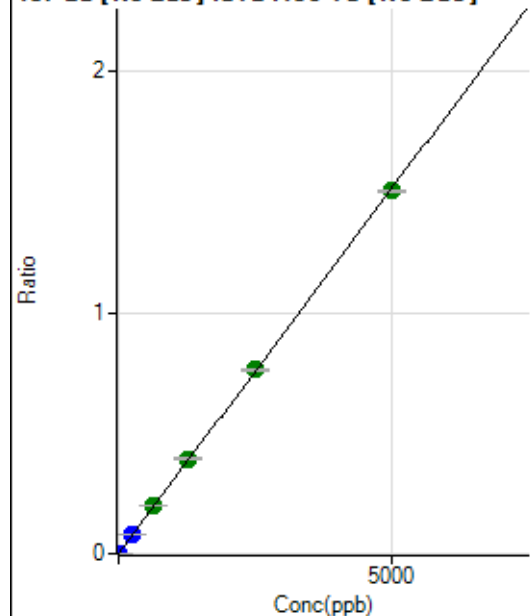
$$DL = 0.04537$$

$$BEC = 0.03242$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	43.6
2	☐	1.000					
3	☐	10.000	8.977	28687.59	0.0027	P	1.1
4	☐	250.000	258.663	830499.71	0.0783	P	1.2
5	☐	625.000	656.326	2123848.18	0.1986	A	0.5
6	☐	1250.000	1301.738	4217895.62	0.3938	A	0.7
7	☐	2500.000	2520.399	8150542.46	0.7625	A	0.4
8	☐	5000.000	4972.519	16319102.27	1.5043	A	0.3
9	☐			4734.39	0.0004	P	1.1

$$y = 3.0252\text{E-}004 * x + 8.4073\text{E-}006$$

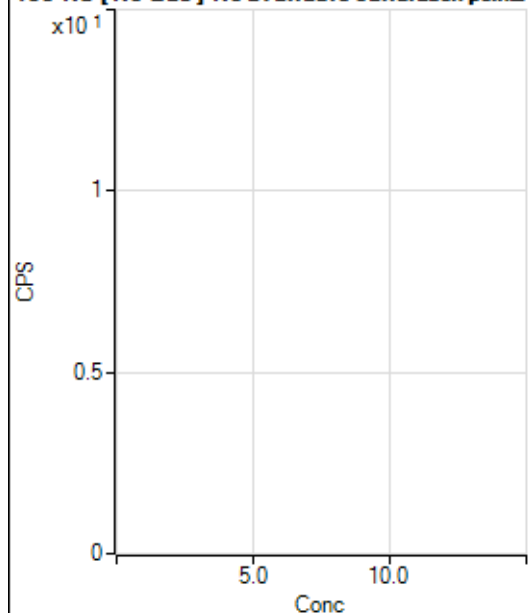
$$R = 0.9999$$

$$DL = 0.03637$$

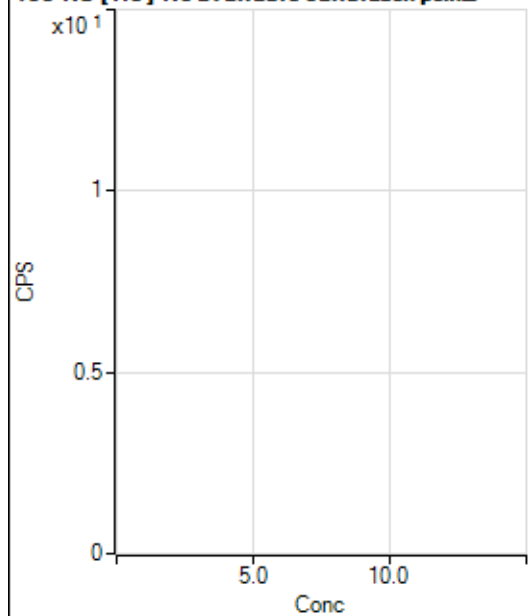
$$BEC = 0.02779$$

Weight: <None>

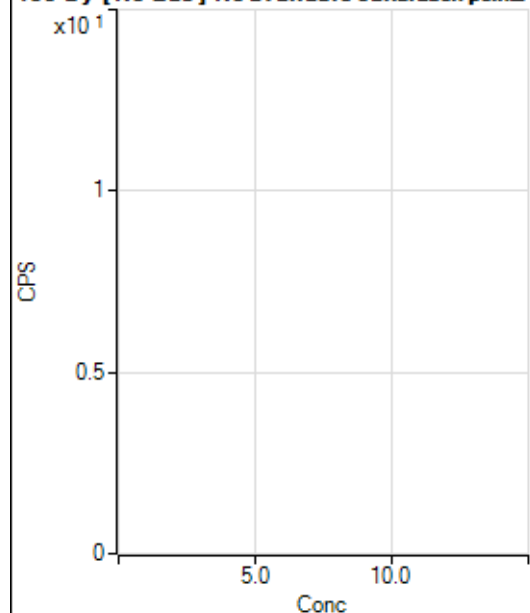
Min Conc: 0

150 Nd [No Gas] No available calibration points

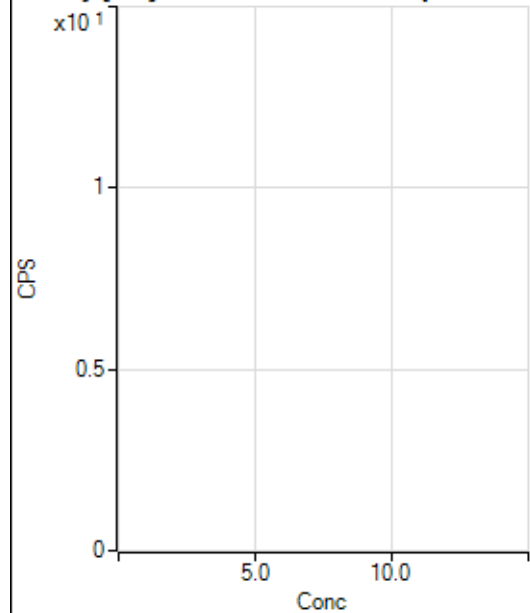
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.5
2	☐						
3	☐			20.00		P	57.7
4	☐			48.89		P	41.7
5	☐			66.67		P	10.0
6	☐			117.78		P	17.3
7	☐			206.68		P	19.6
8	☐			333.35		P	43.4
9	☐			108.89		P	30.2

150 Nd [He] No available calibration points

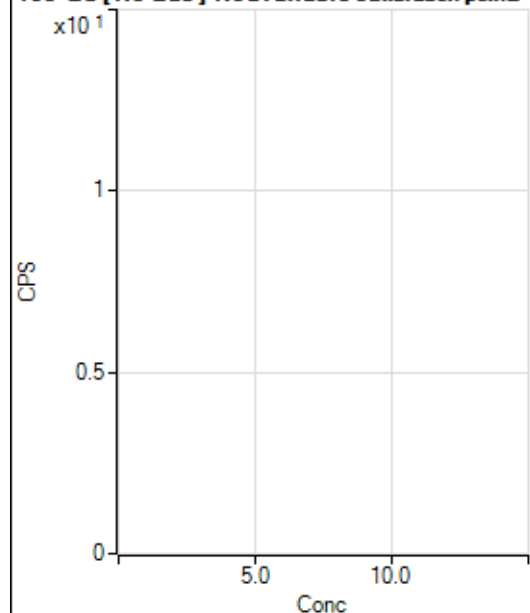
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.1
5	☐			5.55		P	124.9
6	☐			3.33		P	100.1
7	☐			10.00		P	57.7
8	☐			6.67		P	50.0
9	☐			4.44		P	114.6

156 Dy [No Gas] No available calibration points

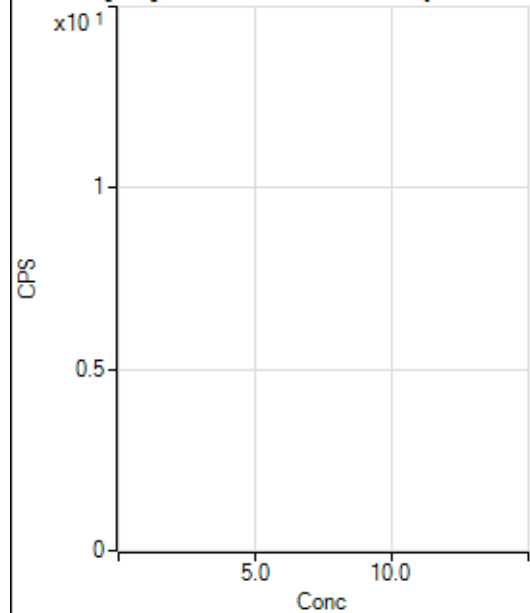
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐						
3	☐			8.33		P	0.0
4	☐			30.56		P	31.5
5	☐			41.67		P	40.0
6	☐			50.00		P	28.9
7	☐			91.67		P	31.5
8	☐			130.56		P	26.6
9	☐			63.89		P	39.8

156 Dy [He] No available calibration points

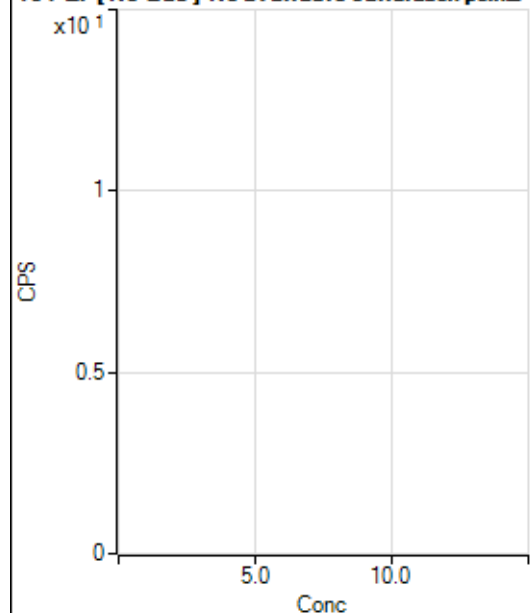
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			3.33		P	100.1
6	☐			10.00		P	33.3
7	☐			18.89		P	27.0
8	☐			22.22		P	8.7
9	☐			12.22		P	56.8

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

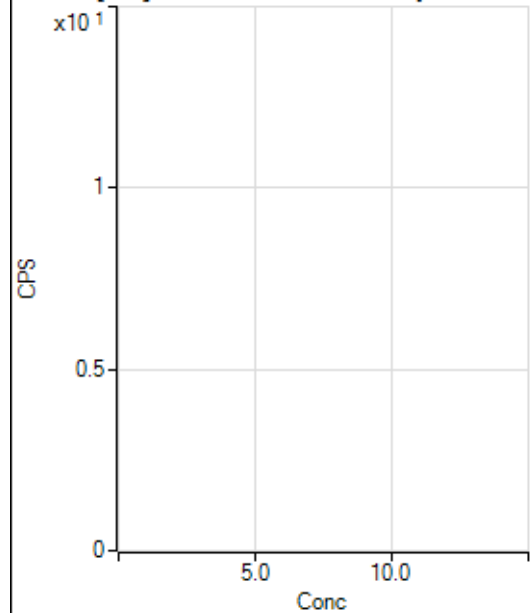
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	9.1
2	☐						
3	☐			75.01		P	29.4
4	☐			86.11		P	31.1
5	☐			86.12		P	20.1
6	☐			88.89		P	30.1
7	☐			147.23		P	14.2
8	☐			150.01		P	29.4
9	☐			125.01		P	17.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	57.7
2	☐						
3	☐			10.00		P	88.2
4	☐			15.55		P	68.9
5	☐			17.78		P	60.3
6	☐			20.00		P	50.0
7	☐			30.00		P	22.2
8	☐			28.89		P	13.3
9	☐			14.44		P	35.3

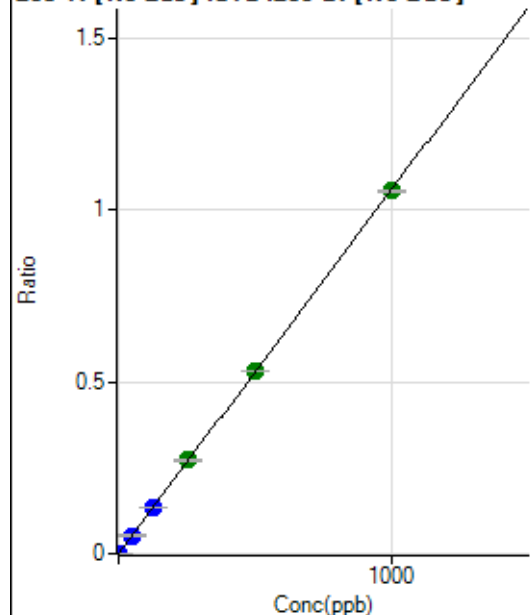
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	37.8
2	☐						
3	☐			63.89		P	19.9
4	☐			55.56		P	48.2
5	☐			50.00		P	28.9
6	☐			25.00		P	88.2
7	☐			63.89		P	19.9
8	☐			58.34		P	28.6
9	☐			66.67		P	54.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			8.89		P	108.3
4	☐			6.67		P	100.0
5	☐			3.33		P	100.1
6	☐			7.78		P	49.5
7	☐			15.56		P	32.7
8	☐			5.55		P	69.3
9	☐			6.66		P	86.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	50.8
2	☐	0.100					
3	☐	1.000	0.886	5993.34	0.0009	P	3.0
4	☐	50.000	50.139	338097.10	0.0531	P	0.3
5	☐	125.000	125.655	860230.63	0.1332	P	0.4
6	☐	250.000	257.062	1759034.07	0.2724	A	1.7
7	☐	500.000	503.087	3503953.07	0.5332	A	0.5
8	☐	1000.000	996.602	7057153.98	1.0562	A	0.6
9	☐			2775.44	0.0004	P	9.3

$$y = 0.0011 * x + 8.9218E-006$$

$$R = 1.0000$$

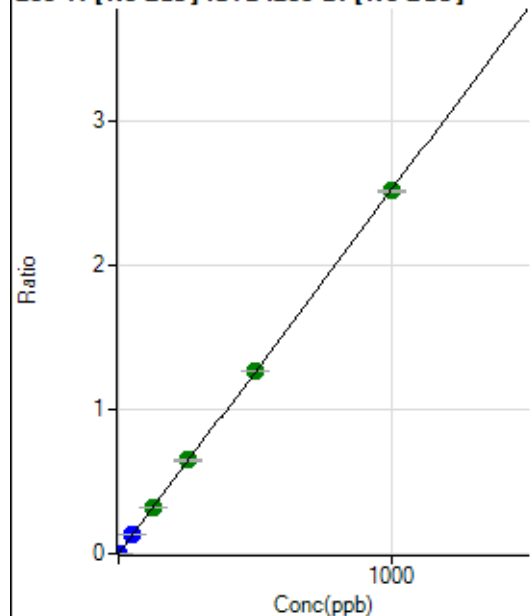
$$DL = 0.01283$$

$$BEC = 0.008419$$

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	166.67	0.0000	P	16.9
2	☐	0.100					
3	☐	1.000	0.931	15026.23	0.0024	P	4.2
4	☐	50.000	50.363	807510.25	0.1269	P	0.4
5	☐	125.000	128.377	2089625.24	0.3235	A	0.5
6	☐	250.000	257.606	4191371.10	0.6491	A	1.3
7	☐	500.000	500.292	8284941.50	1.2606	A	0.0
8	☐	1000.000	997.512	16794821.38	2.5135	A	0.7
9	☐			6338.01	0.0010	P	4.5

$$y = 0.0025 * x + 2.8162E-005$$

$$R = 1.0000$$

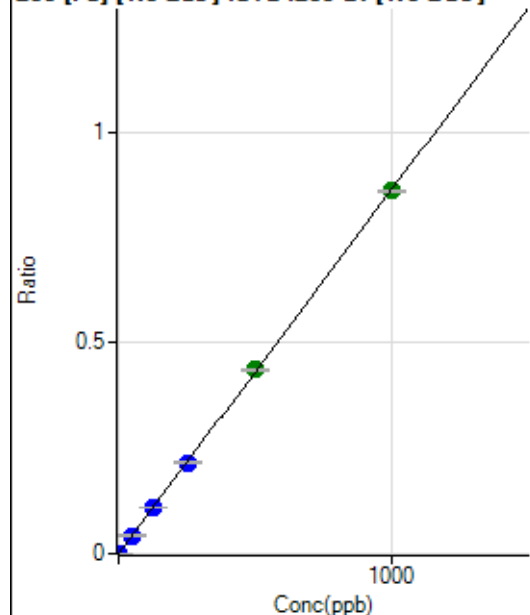
$$DL = 0.005673$$

$$BEC = 0.01118$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	401.87	0.0001	P	14.4
2	☐	0.100					
3	☐	1.000	0.919	5451.35	0.0009	P	2.8
4	☐	50.000	50.080	275562.37	0.0433	P	0.8
5	☐	125.000	125.278	699256.99	0.1083	P	0.7
6	☐	250.000	250.966	1399855.95	0.2168	P	1.0
7	☐	500.000	504.953	2866129.20	0.4361	A	0.9
8	☐	1000.000	997.244	5754768.47	0.8613	A	0.3
9	☐			6772.38	0.0011	P	0.6

$$y = 8.6358\text{E-}004 * x + 6.7918\text{E-}005$$

$$R = 1.0000$$

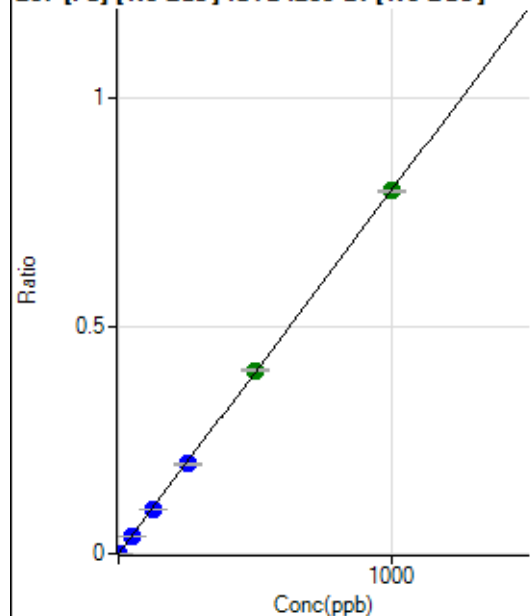
$$DL = 0.03401$$

$$BEC = 0.07865$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.17	0.0001	P	8.3
2	☐	0.100					
3	☐	1.000	0.861	4765.87	0.0008	P	1.2
4	☐	50.000	49.161	249786.69	0.0393	P	0.6
5	☐	125.000	123.337	635642.86	0.0984	P	0.3
6	☐	250.000	246.713	1270616.99	0.1968	P	0.5
7	☐	500.000	504.581	2644417.31	0.4024	A	0.5
8	☐	1000.000	998.781	5321420.14	0.7964	A	0.5
9	☐			5707.01	0.0009	P	4.5

$$y = 7.9732\text{E-}004 * x + 6.7305\text{E-}005$$

$$R = 1.0000$$

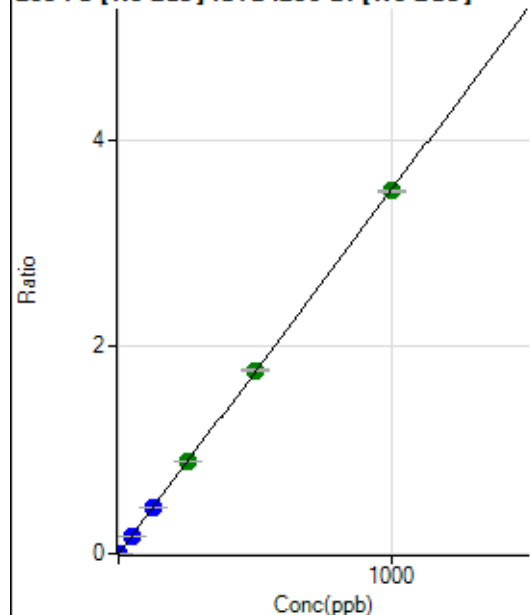
$$DL = 0.02095$$

$$BEC = 0.08441$$

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	1692.70	0.0003	P	8.8
2	☐	0.100					
3	☐	1.000	0.906	21980.44	0.0035	P	1.8
4	☐	50.000	49.901	1119281.82	0.1759	P	0.5
5	☐	125.000	125.288	2850546.49	0.4413	P	0.5
6	☐	250.000	253.388	5761087.93	0.8922	A	0.8
7	☐	500.000	504.342	11669043.58	1.7756	A	0.4
8	☐	1000.000	996.951	23450097.57	3.5096	A	0.4
9	☐			26420.80	0.0042	P	1.6

$$y = 0.0035 * x + 2.8612E-004$$

$$R = 1.0000$$

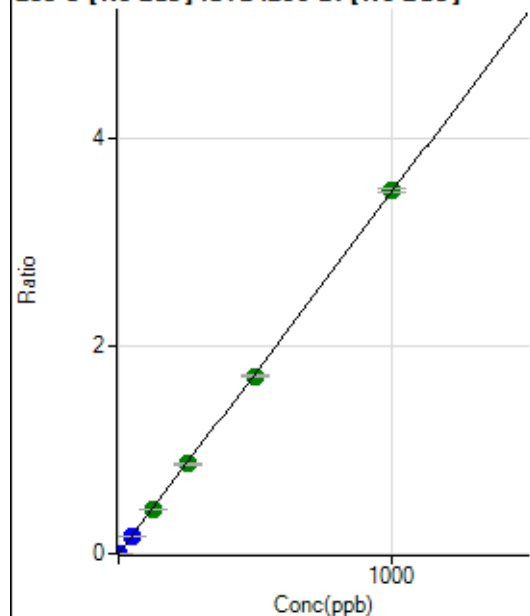
$$DL = 0.02134$$

$$BEC = 0.08128$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	32.1
2	☐	0.100					
3	☐	1.000	0.842	18589.73	0.0029	P	0.8
4	☐	50.000	48.115	1064214.42	0.1673	P	0.6
5	☐	125.000	123.801	2780163.28	0.4304	A	0.5
6	☐	250.000	248.806	5584910.50	0.8650	A	1.4
7	☐	500.000	492.245	11246534.80	1.7113	A	0.5
8	☐	1000.000	1004.420	23331987.33	3.4918	A	0.9
9	☐			1844.67	0.0003	P	5.2

$$y = 0.0035 * x + 1.3634E-005$$

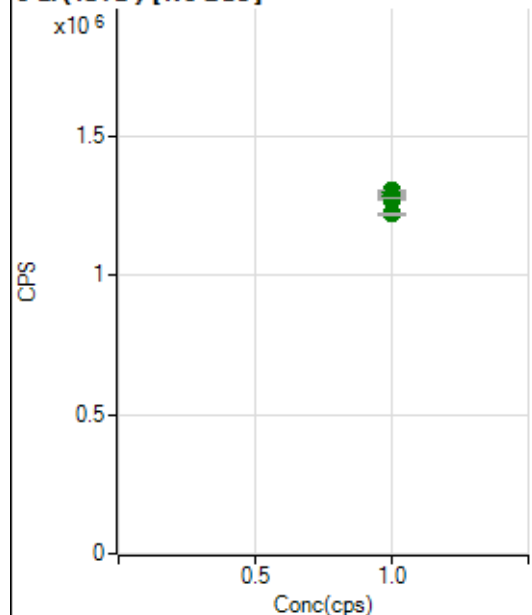
$$R = 1.0000$$

$$DL = 0.003781$$

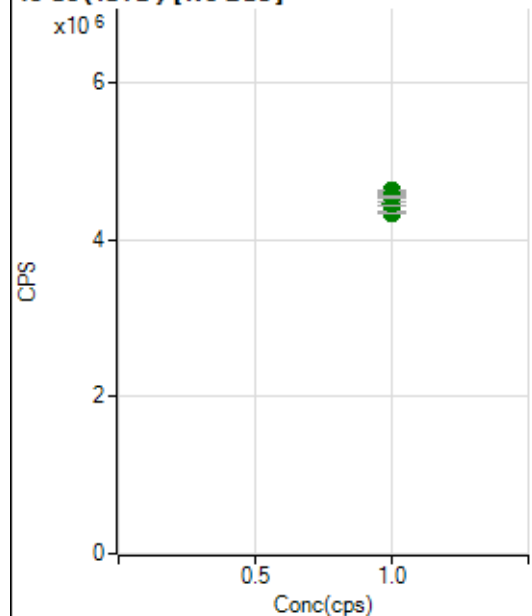
$$BEC = 0.003922$$

Weight: <None>

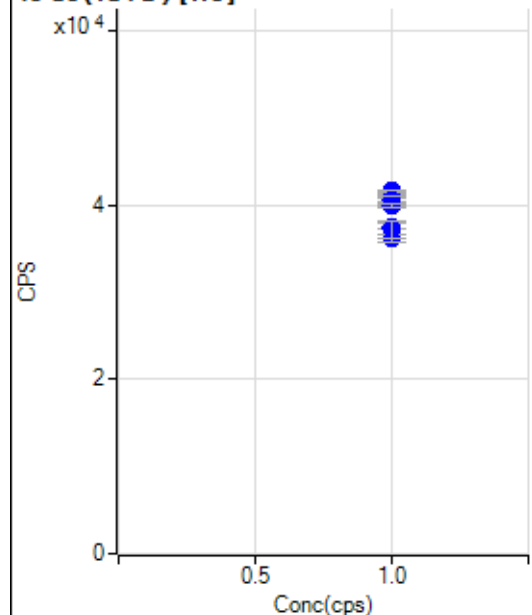
Min Conc: 0

6 Li (ISTD) [No Gas]

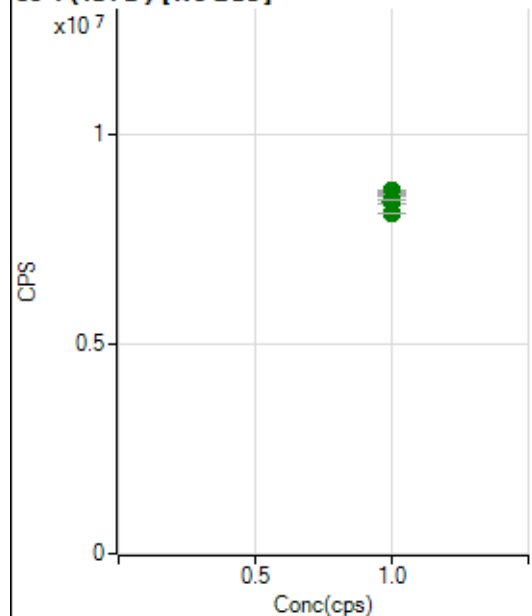
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1221859.95		A	0.7
2	☐	1.000					
3	☐	1.000		1274305.75		A	0.8
4	☐	1.000		1291015.10		A	0.6
5	☐	1.000		1292270.03		A	0.6
6	☐	1.000		1304234.00		A	0.4
7	☐	1.000		1302065.85		A	0.9
8	☐	1.000		1285674.62		A	1.3
9	☐	1.000		1278494.66		A	0.4

45 Sc (ISTD) [No Gas]

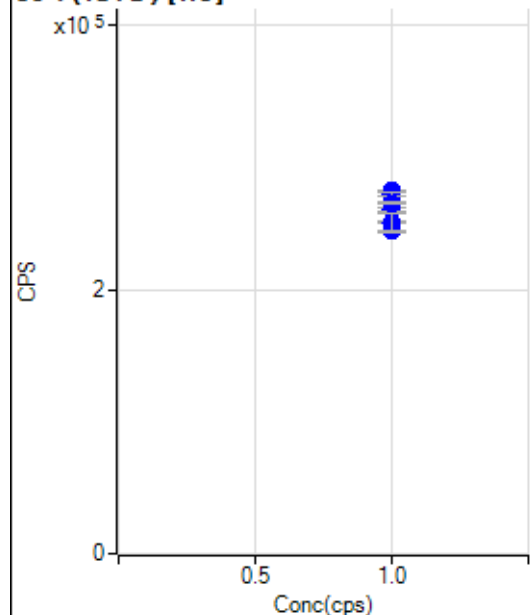
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4340921.45		A	0.8
2	☐	1.000					
3	☐	1.000		4585728.83		A	0.1
4	☐	1.000		4612665.25		A	0.6
5	☐	1.000		4614543.12		A	0.4
6	☐	1.000		4619196.41		A	0.3
7	☐	1.000		4541572.85		A	0.2
8	☐	1.000		4458822.84		A	1.2
9	☐	1.000		4546713.47		A	0.5

45 Sc (ISTD) [He]

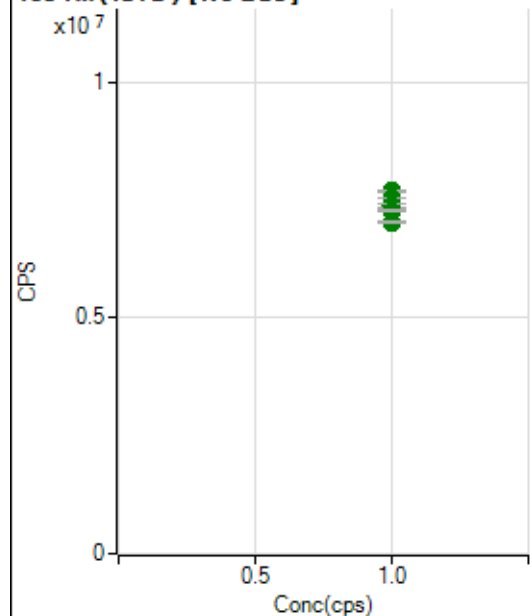
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		39954.62		P	0.3
2	☐	1.000					
3	☐	1.000		41133.58		P	0.8
4	☐	1.000		41666.21		P	0.7
5	☐	1.000		40734.67		P	1.1
6	☐	1.000		39951.27		P	1.1
7	☐	1.000		37615.96		P	1.9
8	☐	1.000		36198.92		P	1.9
9	☐	1.000		37215.23		P	5.2

89 Y (ISTD) [No Gas]

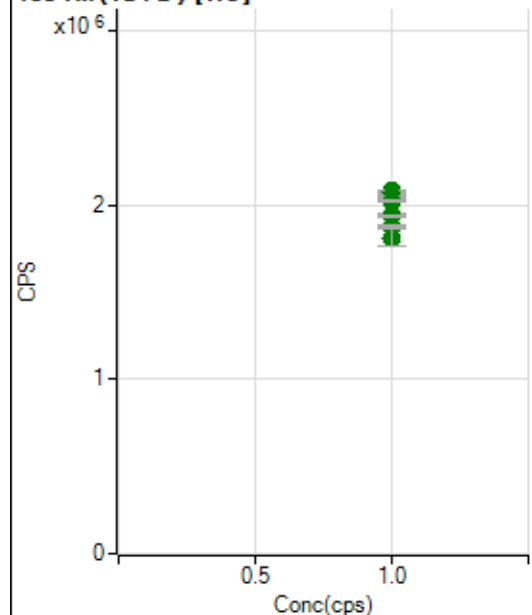
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8138227.87		A	0.0
2	☐	1.000					
3	☐	1.000		8567589.80		A	0.4
4	☐	1.000		8628398.21		A	0.1
5	☐	1.000		8652042.58		A	0.4
6	☐	1.000		8568337.72		A	0.4
7	☐	1.000		8403264.94		A	0.9
8	☐	1.000		8442469.67		A	0.3
9	☐	1.000		8439564.39		A	0.3

89 Y(ISTD) [He]

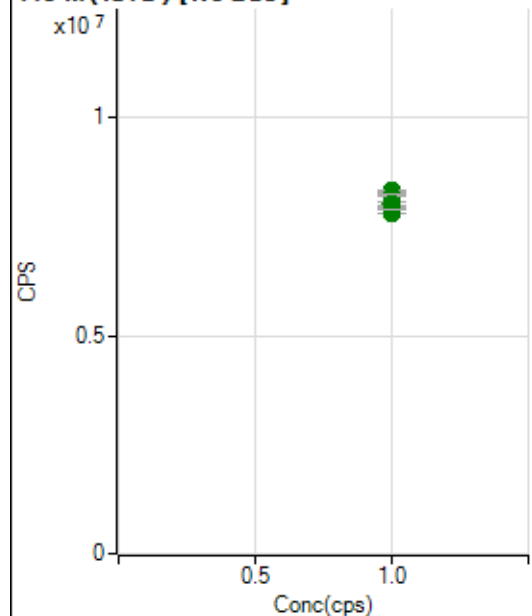
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		260806.64		P	0.7
2	☐	1.000					
3	☐	1.000		272614.62		P	0.8
4	☐	1.000		274688.72		P	0.8
5	☐	1.000		272237.19		P	0.7
6	☐	1.000		265136.25		P	0.6
7	☐	1.000		250549.70		P	0.5
8	☐	1.000		243992.75		P	0.9
9	☐	1.000		250554.57		P	5.2

103 Rh(ISTD) [No Gas]

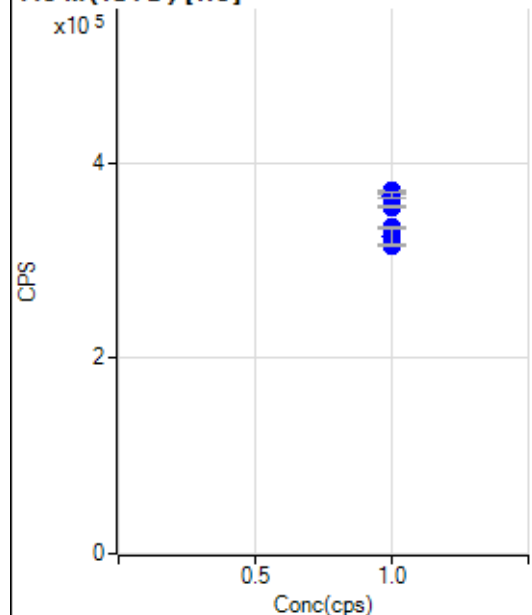
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7322585.75		A	0.7
2	☐	1.000					
3	☐	1.000		7699468.75		A	0.3
4	☐	1.000		7675902.34		A	0.3
5	☐	1.000		7679779.08		A	0.6
6	☐	1.000		7552128.12		A	0.3
7	☐	1.000		7392162.93		A	1.4
8	☐	1.000		7276303.89		A	0.5
9	☐	1.000		7033289.04		A	0.5

103 Rh (ISTD) [He]

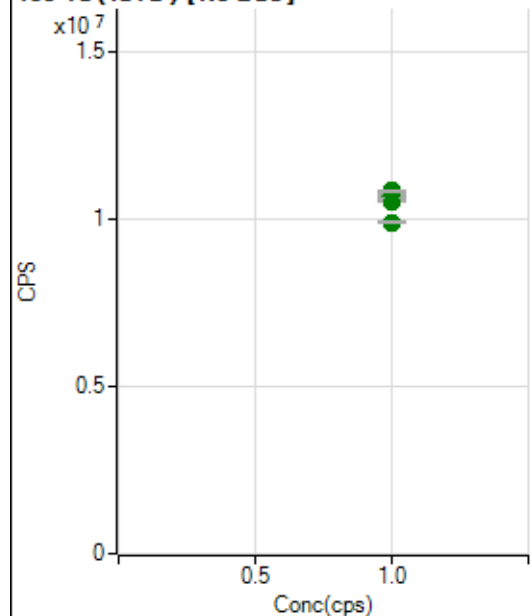
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1942976.55		A	0.9
2	☐	1.000					
3	☐	1.000		2082351.19		A	0.6
4	☐	1.000		2074770.68		A	1.0
5	☐	1.000		2050245.82		A	0.7
6	☐	1.000		2025092.50		A	0.6
7	☐	1.000		1941748.60		A	0.5
8	☐	1.000		1880210.09		A	0.7
9	☐	1.000		1814303.74		A	5.8

115 In (ISTD) [No Gas]

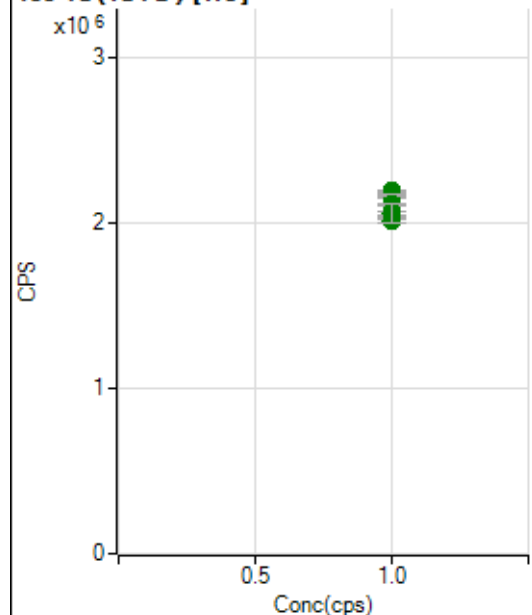
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7802248.26		A	0.4
2	☐	1.000					
3	☐	1.000		8216102.38		A	0.9
4	☐	1.000		8262654.89		A	0.3
5	☐	1.000		8317299.28		A	0.5
6	☐	1.000		8214727.12		A	0.7
7	☐	1.000		8023318.59		A	1.2
8	☐	1.000		7970834.80		A	0.6
9	☐	1.000		7885127.96		A	0.1

115 In (ISTD) [He]

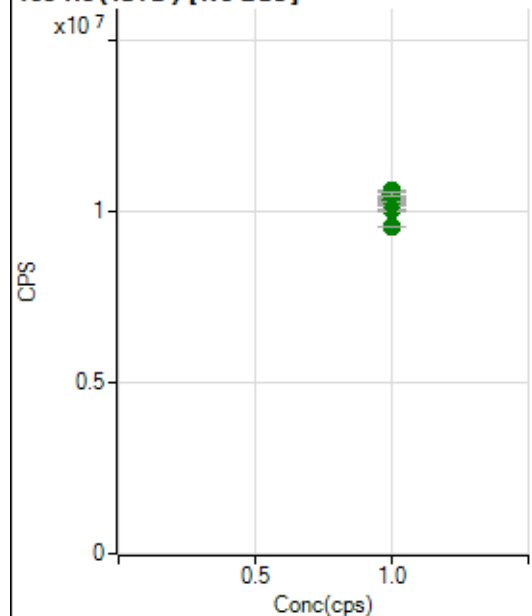
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		355803.02		P	0.5
2	☐	1.000					
3	☐	1.000		370048.46		P	0.8
4	☐	1.000		371144.70		P	0.6
5	☐	1.000		366577.21		P	1.3
6	☐	1.000		354788.80		P	0.2
7	☐	1.000		333812.76		P	0.6
8	☐	1.000		315254.53		P	0.2
9	☐	1.000		324574.91		P	5.3

159 Tb (ISTD) [No Gas]

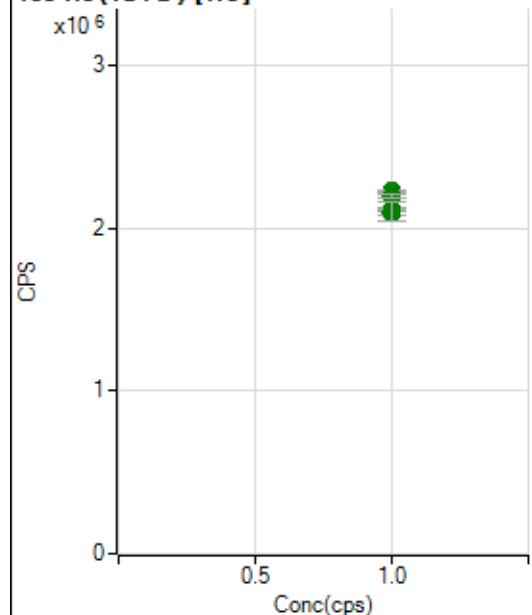
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9912001.45		A	0.9
2	☐	1.000					
3	☐	1.000		10530917.28		A	0.4
4	☐	1.000		10612544.56		A	0.6
5	☐	1.000		10696183.03		A	0.6
6	☐	1.000		10710473.73		A	0.4
7	☐	1.000		10689156.09		A	0.8
8	☐	1.000		10848247.48		A	0.4
9	☐	1.000		10837245.53		A	0.6

159 Tb (ISTD) [He]

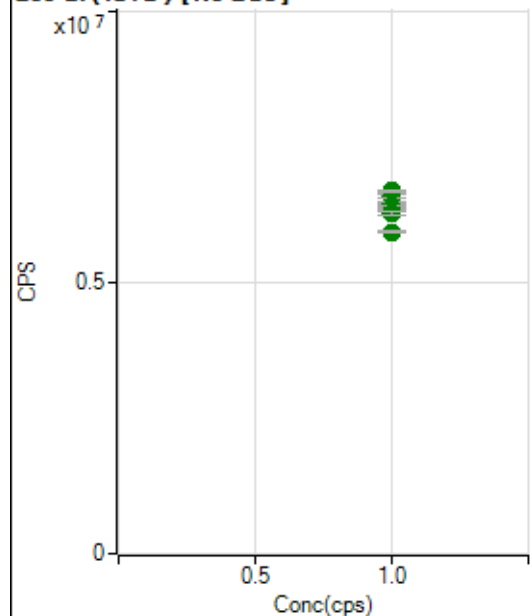
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2014190.44		A	1.2
2	☐	1.000					
3	☐	1.000		2152409.53		A	0.4
4	☐	1.000		2195201.49		A	0.6
5	☐	1.000		2171403.89		A	0.8
6	☐	1.000		2115834.95		A	0.7
7	☐	1.000		2070192.64		A	0.3
8	☐	1.000		2041098.91		A	1.0
9	☐	1.000		2060397.28		A	5.9

165 Ho (ISTD) [No Gas]

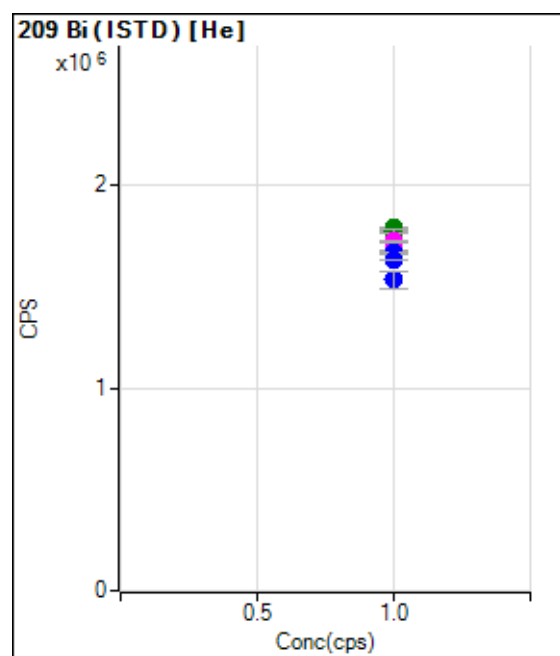
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9528032.33		A	0.1
2	☐	1.000					
3	☐	1.000		10037396.93		A	0.5
4	☐	1.000		10197760.82		A	0.8
5	☐	1.000		10359076.10		A	0.1
6	☐	1.000		10310696.85		A	0.3
7	☐	1.000		10340820.63		A	1.2
8	☐	1.000		10595480.62		A	0.2
9	☐	1.000		10505374.11		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2096548.34		A	0.9
2	☐	1.000					
3	☐	1.000		2222217.24		A	0.7
4	☐	1.000		2231836.18		A	0.2
5	☐	1.000		2229259.22		A	0.1
6	☐	1.000		2197828.40		A	1.1
7	☐	1.000		2122913.21		A	0.4
8	☐	1.000		2112443.11		A	0.9
9	☐	1.000		2109519.43		A	5.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5915457.90		A	0.6
2	☐	1.000					
3	☐	1.000		6325245.46		A	0.6
4	☐	1.000		6361893.93		A	0.6
5	☐	1.000		6459470.53		A	0.5
6	☐	1.000		6457431.50		A	1.1
7	☐	1.000		6572063.86		A	1.1
8	☐	1.000		6681831.57		A	0.4
9	☐	1.000		6268285.05		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1675795.22		M	0.1
2	☐	1.000					
3	☐	1.000		1789036.17		A	0.5
4	☐	1.000		1777223.72		A	0.4
5	☐	1.000		1775268.18		A	0.8
6	☐	1.000		1723146.71		M	0.3
7	☐	1.000		1666389.52		P	0.5
8	☐	1.000		1629419.58		P	0.1
9	☐	1.000		1533547.43		P	5.6

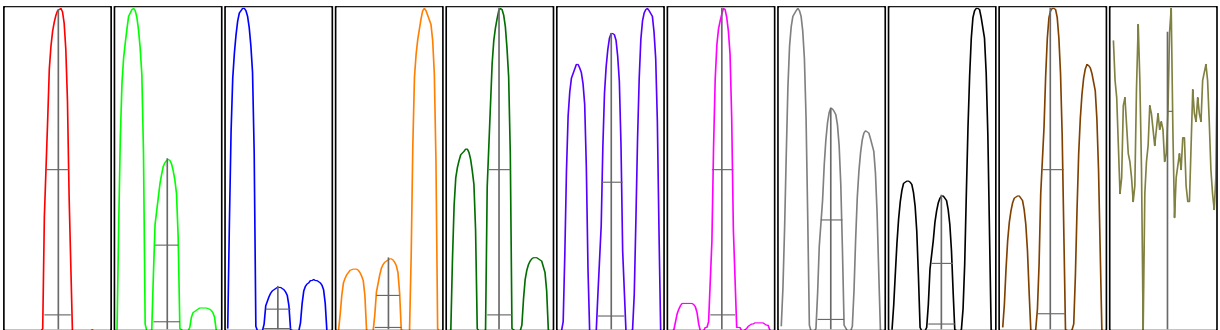
US EPA Tune Check Sample Report

Batch Folder D:\P8101617MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5688	1.15	5.00	
24	28417	1.24	5.00	
25	3805	1.54	5.00	
26	4412	1.20	5.00	
59	64070	1.08	5.00	
113	8751	1.28	5.00	
115	108622	1.49	5.00	
206	24700	1.09	5.00	
207	22289	1.08	5.00	
208	53490	1.26	5.00	
220	1	30.59		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5666	5753	5719	5584	5718
24	28633	28560	28507	27793	28590
25	3856	3833	3809	3705	3823
26	4434	4445	4434	4318	4431
59	64450	64312	64506	62849	64231
113	8813	8791	8801	8551	8798
115	109672	109148	109383	105749	109159
206	24730	24762	24880	24234	24891
207	22227	22425	22384	21900	22511
208	53564	54120	53687	52343	53736
220	1	2	1	2	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	8938	9.05	8.9 - 9.1		0.788	0.900	
24	44194	24.00	23.9 - 24.1		0.790	0.900	
25	5967	25.00	24.9 - 25.1		0.783	0.900	
26	6979	26.00	25.9 - 26.1		0.785	0.900	
59	104835	59.00	58.9 - 59.1		0.741	0.900	
113	15358	113.05	112.9 - 113.1		0.771	0.900	
115	191963	115.05	114.9 - 115.1		0.739	0.900	
206	42576	206.00	205.9 - 206.1		0.784	0.900	
207	38282	207.00	206.9 - 207.1		0.784	0.900	
208	91741	207.95	207.9 - 208.1		0.804	0.900	
220	2	220.15	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V	Deflect	14.4	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8519	0.42	
89	1757	0.82	
205	11843	0.49	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8571	8530	8498	8516	8477
89	1752	1773	1760	1735	1765
205	11912	11900	11816	11791	11795

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.8	V	Deflect	2.4	V
Extract 2	-245.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:29:25	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.84	-0.42	-0.42	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.03	0.04	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.18	-0.22	0.04	0.00	N/A	ppb
Boron	11-1	-0.03	0.00	0.03	0.00	N/A	ppb
Cadmium	111-1	-0.06	0.00	0.06	0.00	N/A	ppb
Cadmium	106-1	-0.87	0.00	0.87	0.00	N/A	ppb
Cadmium	108-1	0.02	0.02	-0.05	0.00	N/A	ppb
Calcium	43-1	0.46	3.77	-4.23	0.00	N/A	ppb
Calcium	44-1	-0.80	0.88	-0.08	0.00	N/A	ppb
Chromium	52-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.08	-0.06	0.14	0.00	N/A	ppb
Iron	57-2	-1.47	1.10	0.37	0.00	N/A	ppb
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	-0.27	0.26	0.00	N/A	ppb
Manganese	55-2	0.10	-0.04	-0.07	0.00	N/A	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:29:25	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	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	-0.02	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-16.26	81.31	-16.26	16.26	346.41	ppb
Potassium	39-2	-7.39	1.94	5.45	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.71	3.41	-1.71	0.00	N/A	ppb
Selenium	78-2	-0.01	0.01	0.00	0.00	N/A	ppb
Selenium	82-1	0.25	0.09	-0.35	0.00	N/A	ppb
Silicon	28-1	0.62	-1.18	0.56	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.74	1.71	-0.97	0.00	N/A	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	251.21	50.60	414.07	238.63	76.30	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	0.03	0.00	-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	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.09	0.17	-0.07	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:29:25	DataFile Name :	003CALB.d

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

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:36:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.05	24.67	16.55	18.76	27.59	ppb
Antimony	121-1	1.86	1.85	1.83	1.85	0.93	ppb
Arsenic	75-2	0.87	0.84	0.85	0.85	1.92	ppb
Barium	135-1	9.20	9.37	9.49	9.36	1.54	ppb
Barium	137-1	9.09	8.95	8.90	8.98	1.09	ppb
Beryllium	9-1	0.95	0.91	0.99	0.95	4.44	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	22.76	22.13	21.19	22.03	3.60	ppb
Boron	11-1	22.80	22.71	23.42	22.98	1.69	ppb
Cadmium	111-1	0.92	0.90	0.92	0.91	1.45	ppb
Cadmium	106-1	0.63	-0.11	-0.05	0.16	256.61	ppb
Cadmium	108-1	0.94	0.90	0.83	0.89	5.85	ppb
Calcium	43-1	412.44	383.09	388.94	394.82	3.94	ppb
Calcium	44-1	419.32	415.41	424.17	419.63	1.04	ppb
Chromium	52-2	1.84	1.97	1.98	1.93	3.97	ppb
Cobalt	59-2	0.95	0.93	0.90	0.92	2.77	ppb
Copper	63-2	1.83	1.84	1.87	1.85	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	43.73	42.95	44.35	43.68	1.61	ppb
Iron	57-2	38.40	43.12	47.03	42.85	10.09	ppb
Lead	206-1	0.90	0.90	0.95	0.92	3.07	ppb
Lead	207-1	0.85	0.87	0.87	0.86	1.33	ppb
Lead	208-1	0.92	0.89	0.92	0.91	1.94	ppb
Lithium	6-1				104		%
Magnesium	24-2	444.57	434.78	429.63	436.33	1.74	ppb
Manganese	55-2	1.00	0.92	1.15	1.02	11.75	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:36:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.05	1.99	1.88	1.98	4.26	ppb
Molybdenum	95-1	4.16	4.23	4.35	4.25	2.31	ppb
Molybdenum	96-1	3.73	3.84	3.84	3.80	1.77	ppb
Molybdenum	97-1	4.39	4.70	4.49	4.53	3.42	ppb
Molybdenum	98-1	4.37	4.45	4.46	4.43	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	0.94	0.95	0.92	4.11	ppb
Phosphorus	31-2	-16.26	-16.26	-16.26	-16.26		ppb
Potassium	39-2	454.75	445.93	401.08	433.92	6.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	17.62	-1.71	-1.71	4.73	235.61	ppb
Selenium	78-2	6.22	3.10	2.36	3.89	52.60	ppb
Selenium	82-1	5.20	4.97	5.36	5.18	3.74	ppb
Silicon	28-1	10.39	10.36	11.17	10.64	4.35	ppb
Silver	109-1	0.94	1.03	0.95	0.97	4.89	ppb
Silver	107-1	0.94	0.96	1.01	0.97	3.74	ppb
Sodium	23-2	426.72	423.14	448.60	432.82	3.18	ppb
Strontium	86-1	0.90	1.01	0.88	0.93	7.95	ppb
Strontium	88-1	0.92	0.92	0.89	0.91	1.72	ppb
Sulfur	34-1	-368.62	-216.33	-130.94	-238.63		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.87	0.87	0.92	0.89	3.02	ppb
Thallium	205-1	0.91	0.98	0.91	0.93	4.28	ppb
Tin	118-1	4.59	4.46	4.62	4.56	1.88	ppb
Titanium	47-1	4.30	4.91	4.52	4.57	6.72	ppb
Uranium	238-1	0.84	0.83	0.85	0.84	0.80	ppb
Vanadium	51-2	4.42	4.34	4.49	4.42	1.68	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	1.89	1.45	1.93	1.76	15.08	ppb
Zirconium	90-1	0.89	0.89	0.86	0.88	2.04	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:36:21	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.86	0.82	0.92	0.87	5.81	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:39:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	929.01	928.79	961.18	939.66	1.98	ppb
Antimony	121-1	51.71	52.52	51.47	51.90	1.06	ppb
Arsenic	75-2	49.70	49.61	50.34	49.88	0.80	ppb
Barium	135-1	258.14	259.96	257.59	258.57	0.48	ppb
Barium	137-1	257.60	262.29	256.11	258.66	1.25	ppb
Beryllium	9-1	54.51	53.75	52.82	53.70	1.58	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	51.51	55.11	52.46	53.03	3.51	ppb
Boron	11-1	51.67	51.66	52.18	51.84	0.57	ppb
Cadmium	111-1	53.68	53.04	53.81	53.51	0.76	ppb
Cadmium	106-1	53.03	52.12	54.10	53.09	1.87	ppb
Cadmium	108-1	54.77	55.32	54.33	54.81	0.90	ppb
Calcium	43-1	4752.91	4836.82	4731.99	4773.91	1.16	ppb
Calcium	44-1	4783.93	4763.09	4793.28	4780.10	0.32	ppb
Chromium	52-2	50.83	50.61	50.41	50.62	0.42	ppb
Cobalt	59-2	49.88	49.16	49.43	49.49	0.74	ppb
Copper	63-2	101.04	100.54	99.44	100.34	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	2474.96	2445.97	2464.05	2461.66	0.59	ppb
Iron	57-2	2351.52	2422.77	2396.59	2390.29	1.51	ppb
Lead	206-1	50.54	49.76	49.94	50.08	0.81	ppb
Lead	207-1	49.39	49.30	48.80	49.16	0.65	ppb
Lead	208-1	50.18	49.83	49.69	49.90	0.50	ppb
Lithium	6-1				106		%
Magnesium	24-2	4911.89	4763.41	4810.72	4828.68	1.57	ppb
Manganese	55-2	104.82	101.18	98.39	101.46	3.18	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:39:51	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.45	50.40	50.59	50.48	0.19	ppb
Molybdenum	95-1	49.65	49.46	49.61	49.57	0.20	ppb
Molybdenum	96-1	49.49	49.46	49.67	49.54	0.22	ppb
Molybdenum	97-1	49.60	50.80	49.09	49.83	1.77	ppb
Molybdenum	98-1	49.68	49.61	49.69	49.66	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.86	50.77	51.60	51.08	0.89	ppb
Phosphorus	31-2	984.81	1009.17	827.30	940.43	10.50	ppb
Potassium	39-2	2468.86	2503.09	2382.81	2451.59	2.53	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	74.99	56.15	27.49	52.88	45.24	ppb
Selenium	78-2	43.40	55.36	47.22	48.66	12.55	ppb
Selenium	82-1	52.01	50.92	51.96	51.63	1.19	ppb
Silicon	28-1	56.51	57.30	54.59	56.13	2.48	ppb
Silver	109-1	53.16	53.60	53.78	53.51	0.60	ppb
Silver	107-1	54.25	54.27	53.53	54.02	0.78	ppb
Sodium	23-2	4939.43	4844.52	4860.03	4881.33	1.04	ppb
Strontium	86-1	49.97	49.66	49.94	49.86	0.34	ppb
Strontium	88-1	51.09	51.20	51.11	51.13	0.11	ppb
Sulfur	34-1	1024.80	1228.00	1132.74	1128.51	9.01	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	50.30	50.04	50.07	50.14	0.29	ppb
Thallium	205-1	50.52	50.16	50.41	50.36	0.37	ppb
Tin	118-1	52.11	52.53	51.30	51.98	1.20	ppb
Titanium	47-1	51.19	51.09	50.54	50.94	0.69	ppb
Uranium	238-1	48.20	47.82	48.33	48.11	0.55	ppb
Vanadium	51-2	50.40	49.72	49.16	49.76	1.24	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	101.66	100.89	100.06	100.87	0.79	ppb
Zirconium	90-1	50.57	51.38	50.84	50.93	0.81	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:39:51	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.78	49.76	50.66	50.07	1.02	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:43:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2523.57	2261.63	2356.39	2380.53	5.57	ppb
Antimony	121-1	130.65	129.50	130.90	130.35	0.57	ppb
Arsenic	75-2	126.19	124.47	125.64	125.43	0.70	ppb
Barium	135-1	648.64	643.10	652.05	647.93	0.70	ppb
Barium	137-1	653.46	655.75	659.77	656.33	0.49	ppb
Beryllium	9-1	132.96	132.80	134.21	133.32	0.58	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	122.97	125.60	134.32	127.63	4.66	ppb
Boron	11-1	124.93	128.44	132.53	128.63	2.96	ppb
Cadmium	111-1	132.91	133.00	132.83	132.92	0.06	ppb
Cadmium	106-1	134.01	128.11	132.05	131.39	2.29	ppb
Cadmium	108-1	133.96	138.94	135.35	136.09	1.89	ppb
Calcium	43-1	11979.87	11839.02	11846.92	11888.61	0.67	ppb
Calcium	44-1	11875.67	11910.27	11750.41	11845.45	0.71	ppb
Chromium	52-2	124.67	127.82	129.28	127.26	1.85	ppb
Cobalt	59-2	123.41	124.51	125.69	124.54	0.91	ppb
Copper	63-2	252.11	250.86	256.00	252.99	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	6187.30	6186.69	6337.83	6237.27	1.40	ppb
Iron	57-2	6057.46	6007.08	6248.23	6104.26	2.08	ppb
Lead	206-1	124.50	126.17	125.16	125.28	0.67	ppb
Lead	207-1	123.06	123.72	123.23	123.34	0.28	ppb
Lead	208-1	124.64	125.88	125.35	125.29	0.49	ppb
Lithium	6-1				106		%
Magnesium	24-2	12076.30	12243.05	12437.07	12252.14	1.47	ppb
Manganese	55-2	252.31	255.93	259.24	255.83	1.36	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:43:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	126.47	124.96	126.46	125.96	0.69	ppb
Molybdenum	95-1	124.12	123.51	123.80	123.81	0.25	ppb
Molybdenum	96-1	124.30	124.92	125.60	124.94	0.52	ppb
Molybdenum	97-1	125.97	125.10	124.88	125.32	0.46	ppb
Molybdenum	98-1	124.83	125.05	125.43	125.10	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.24	127.10	130.26	128.87	1.25	ppb
Phosphorus	31-2	2672.70	2937.03	2997.94	2869.22	6.03	ppb
Potassium	39-2	6178.22	6123.46	6234.80	6178.83	0.90	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	128.83	81.11	150.37	120.10	29.51	ppb
Selenium	78-2	125.16	128.48	134.93	129.52	3.84	ppb
Selenium	82-1	127.56	130.07	128.39	128.67	0.99	ppb
Silicon	28-1	150.80	151.38	151.70	151.29	0.30	ppb
Silver	109-1	133.07	132.23	132.86	132.72	0.33	ppb
Silver	107-1	134.08	133.23	135.07	134.12	0.69	ppb
Sodium	23-2	12242.21	12291.49	12464.88	12332.86	0.95	ppb
Strontium	86-1	126.47	125.37	124.72	125.52	0.71	ppb
Strontium	88-1	128.38	129.29	127.68	128.45	0.63	ppb
Sulfur	34-1	2949.26	2826.40	2903.43	2893.03	2.15	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	125.02	126.08	125.86	125.65	0.45	ppb
Thallium	205-1	127.94	129.11	128.08	128.38	0.50	ppb
Tin	118-1	130.19	130.60	130.30	130.36	0.16	ppb
Titanium	47-1	128.67	126.63	126.47	127.25	0.96	ppb
Uranium	238-1	123.36	123.54	124.50	123.80	0.50	ppb
Vanadium	51-2	124.60	125.39	127.60	125.86	1.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	252.58	251.03	259.63	254.41	1.80	ppb
Zirconium	90-1	126.84	127.89	127.17	127.30	0.42	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:43:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.50	125.27	125.14	124.97	0.33	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:46:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4699.65	4696.10	4798.99	4731.58	1.23	ppb
Antimony	121-1	264.62	266.91	261.73	264.42	0.98	ppb
Arsenic	75-2	254.69	251.24	254.65	253.53	0.78	ppb
Barium	135-1	1312.10	1310.38	1291.63	1304.70	0.87	ppb
Barium	137-1	1311.21	1301.31	1292.69	1301.74	0.71	ppb
Beryllium	9-1	262.67	260.06	261.35	261.36	0.50	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	256.48	260.77	263.33	260.19	1.33	ppb
Boron	11-1	255.25	255.80	261.79	257.62	1.41	ppb
Cadmium	111-1	263.12	262.04	258.90	261.35	0.84	ppb
Cadmium	106-1	263.85	263.72	269.88	265.82	1.32	ppb
Cadmium	108-1	261.47	263.64	265.63	263.58	0.79	ppb
Calcium	43-1	23737.74	23541.21	23881.63	23720.19	0.72	ppb
Calcium	44-1	23544.81	23190.43	23379.92	23371.72	0.76	ppb
Chromium	52-2	252.01	252.26	254.17	252.81	0.47	ppb
Cobalt	59-2	244.34	247.69	248.13	246.72	0.84	ppb
Copper	63-2	498.74	504.52	507.83	503.70	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	12315.23	12342.50	12471.14	12376.29	0.67	ppb
Iron	57-2	12033.72	12261.79	12068.38	12121.30	1.01	ppb
Lead	206-1	253.78	250.08	249.04	250.97	0.99	ppb
Lead	207-1	247.58	247.30	245.27	246.71	0.51	ppb
Lead	208-1	255.19	253.71	251.26	253.39	0.78	ppb
Lithium	6-1				107		%
Magnesium	24-2	24029.47	24420.78	24334.87	24261.71	0.85	ppb
Manganese	55-2	504.53	504.03	512.97	507.18	0.99	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:46:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	262.76	259.73	255.50	259.33	1.40	ppb
Molybdenum	95-1	250.94	248.47	249.66	249.69	0.50	ppb
Molybdenum	96-1	252.24	251.35	250.13	251.24	0.42	ppb
Molybdenum	97-1	255.14	254.53	252.09	253.92	0.64	ppb
Molybdenum	98-1	258.65	256.29	258.58	257.84	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.56	257.90	254.49	254.65	1.25	ppb
Phosphorus	31-2	5067.54	5780.01	5210.27	5352.61	7.04	ppb
Potassium	39-2	12090.97	12208.89	12149.36	12149.74	0.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	267.08	247.96	295.18	270.07	8.80	ppb
Selenium	78-2	271.47	277.18	252.45	267.03	4.85	ppb
Selenium	82-1	259.96	259.01	257.08	258.68	0.57	ppb
Silicon	28-1	267.20	271.33	268.05	268.86	0.81	ppb
Silver	109-1	269.34	268.43	268.73	268.84	0.17	ppb
Silver	107-1	271.76	269.84	268.08	269.89	0.68	ppb
Sodium	23-2	24739.98	25025.76	25007.10	24924.28	0.64	ppb
Strontium	86-1	252.68	252.42	252.60	252.57	0.05	ppb
Strontium	88-1	259.20	255.63	256.69	257.17	0.71	ppb
Sulfur	34-1	5367.88	5109.37	5227.30	5234.85	2.47	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	260.41	258.56	252.22	257.06	1.67	ppb
Thallium	205-1	261.34	256.04	255.43	257.61	1.26	ppb
Tin	118-1	263.71	264.07	259.42	262.40	0.99	ppb
Titanium	47-1	255.25	249.55	254.76	253.19	1.25	ppb
Uranium	238-1	251.42	250.06	244.94	248.81	1.37	ppb
Vanadium	51-2	248.82	252.09	256.39	252.43	1.50	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	499.96	512.11	508.52	506.86	1.23	ppb
Zirconium	90-1	259.47	255.45	256.10	257.01	0.84	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:46:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	254.01	251.19	250.84	252.01	0.69	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:49:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9133.41	9396.95	9312.16	9280.84	1.45	ppb
Antimony	121-1	507.20	511.41	512.33	510.31	0.54	ppb
Arsenic	75-2	505.45	504.08	510.89	506.81	0.71	ppb
Barium	135-1	2539.70	2518.10	2558.45	2538.75	0.80	ppb
Barium	137-1	2509.24	2526.51	2525.45	2520.40	0.38	ppb
Beryllium	9-1	506.33	500.27	502.80	503.13	0.61	ppb
Bismuth	209-1				111		%
Bismuth	209-2				99		%
Boron	10-1	499.07	495.77	497.40	497.42	0.33	ppb
Boron	11-1	499.96	500.30	511.27	503.84	1.28	ppb
Cadmium	111-1	507.25	509.91	509.63	508.93	0.29	ppb
Cadmium	106-1	505.92	514.16	508.36	509.48	0.83	ppb
Cadmium	108-1	510.35	516.22	513.95	513.51	0.58	ppb
Calcium	43-1	46660.36	47369.72	47805.74	47278.60	1.22	ppb
Calcium	44-1	46602.13	47093.54	46781.65	46825.77	0.53	ppb
Chromium	52-2	496.47	511.54	498.05	502.02	1.65	ppb
Cobalt	59-2	485.86	502.96	490.59	493.14	1.79	ppb
Copper	63-2	1000.23	1033.77	1006.78	1013.59	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	24196.51	25103.46	24373.13	24557.70	1.96	ppb
Iron	57-2	23938.39	24639.35	24228.68	24268.81	1.45	ppb
Lead	206-1	507.15	507.73	499.97	504.95	0.86	ppb
Lead	207-1	503.44	507.50	502.80	504.58	0.51	ppb
Lead	208-1	503.73	506.56	502.73	504.34	0.39	ppb
Lithium	6-1				107		%
Magnesium	24-2	48253.10	50296.49	48064.86	48871.49	2.53	ppb
Manganese	55-2	990.84	1029.78	1009.48	1010.03	1.93	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:49:59	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	509.21	507.24	511.62	509.35	0.43	ppb
Molybdenum	95-1	502.27	507.95	505.14	505.12	0.56	ppb
Molybdenum	96-1	504.62	508.32	513.03	508.66	0.83	ppb
Molybdenum	97-1	497.73	499.01	500.62	499.12	0.29	ppb
Molybdenum	98-1	501.73	506.56	515.61	507.97	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.06	512.51	501.91	504.16	1.48	ppb
Phosphorus	31-2	10520.56	10775.76	10538.52	10611.61	1.34	ppb
Potassium	39-2	23001.18	24048.56	23519.47	23523.07	2.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	77-2	436.02	415.43	471.98	441.14	6.49	ppb
Selenium	78-2	501.92	498.25	508.25	502.81	1.01	ppb
Selenium	82-1	506.84	508.35	508.19	507.79	0.16	ppb
Silicon	28-1	508.68	525.29	520.24	518.07	1.64	ppb
Silver	109-1	511.39	512.22	511.76	511.79	0.08	ppb
Silver	107-1	517.37	518.00	517.57	517.65	0.06	ppb
Sodium	23-2	47939.43	49491.19	48009.06	48479.89	1.81	ppb
Strontium	86-1	498.22	499.95	498.60	498.92	0.18	ppb
Strontium	88-1	498.91	496.57	499.38	498.29	0.30	ppb
Sulfur	34-1	9925.72	10116.34	10033.65	10025.24	0.95	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	505.96	500.68	502.62	503.09	0.53	ppb
Thallium	205-1	500.26	500.30	500.31	500.29	0.00	ppb
Tin	118-1	509.17	506.12	512.62	509.30	0.64	ppb
Titanium	47-1	503.08	503.47	503.35	503.30	0.04	ppb
Uranium	238-1	493.92	489.55	493.27	492.25	0.48	ppb
Vanadium	51-2	492.16	512.47	499.48	501.37	2.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	993.38	1018.88	1009.66	1007.31	1.28	ppb
Zirconium	90-1	502.97	503.38	505.36	503.90	0.25	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:49:59	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.85	506.30	504.19	505.45	0.22	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:53:11	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17781.97	17789.00	18531.35	18034.11	2.39	ppb
Antimony	121-1	996.91	984.82	989.70	990.47	0.61	ppb
Arsenic	75-2	998.93	987.40	1000.67	995.67	0.72	ppb
Barium	135-1	4963.52	4954.36	4973.09	4963.66	0.19	ppb
Barium	137-1	4974.92	4955.22	4987.41	4972.52	0.33	ppb
Beryllium	9-1	1018.72	975.67	988.72	994.37	2.22	ppb
Bismuth	209-1				113		%
Bismuth	209-2				97		%
Boron	10-1	1002.52	984.08	1008.41	998.34	1.27	ppb
Boron	11-1	993.85	987.75	1005.44	995.68	0.90	ppb
Cadmium	111-1	992.49	989.83	992.27	991.53	0.15	ppb
Cadmium	106-1	991.46	983.74	995.86	990.36	0.62	ppb
Cadmium	108-1	995.85	984.51	984.32	988.23	0.67	ppb
Calcium	43-1	94949.64	95634.30	97500.24	96028.06	1.37	ppb
Calcium	44-1	92563.21	92908.92	94751.72	93407.95	1.26	ppb
Chromium	52-2	996.77	983.76	1013.40	997.97	1.49	ppb
Cobalt	59-2	995.88	996.03	1021.09	1004.34	1.44	ppb
Copper	63-2	1991.06	1978.16	2006.45	1991.89	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				89		%
Iron	56-2	48683.91	48068.86	49587.27	48780.01	1.57	ppb
Iron	57-2	47934.58	47574.07	48466.64	47991.76	0.94	ppb
Lead	206-1	1000.13	993.44	998.15	997.24	0.34	ppb
Lead	207-1	1001.22	992.86	1002.26	998.78	0.52	ppb
Lead	208-1	999.71	992.67	998.48	996.95	0.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	95124.11	93100.35	96167.44	94797.30	1.65	ppb
Manganese	55-2	1977.78	1979.12	2020.27	1992.39	1.21	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:53:11	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	986.43	996.18	995.97	992.86	0.56	ppb
Molybdenum	95-1	997.09	996.69	999.29	997.69	0.14	ppb
Molybdenum	96-1	988.98	1000.75	996.46	995.40	0.60	ppb
Molybdenum	97-1	999.18	998.10	1001.01	999.43	0.15	ppb
Molybdenum	98-1	992.57	992.35	997.26	994.06	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.58	981.87	1013.22	996.22	1.59	ppb
Phosphorus	31-2	18634.88	19779.29	20274.43	19562.87	4.30	ppb
Potassium	39-2	45348.69	45216.77	46034.14	45533.20	0.96	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				91		%
Selenium	77-2	974.13	1147.14	953.36	1024.88	10.38	ppb
Selenium	78-2	958.19	1033.63	989.71	993.85	3.81	ppb
Selenium	82-1	986.77	1000.76	992.65	993.39	0.71	ppb
Silicon	28-1	968.20	979.28	1000.47	982.65	1.67	ppb
Silver	109-1	985.82	988.25	990.70	988.26	0.25	ppb
Silver	107-1	989.39	981.47	983.73	984.86	0.41	ppb
Sodium	23-2	92531.70	91970.44	94873.84	93125.33	1.65	ppb
Strontium	86-1	1002.44	989.27	1007.81	999.84	0.95	ppb
Strontium	88-1	991.47	1000.37	1003.89	998.58	0.64	ppb
Sulfur	34-1	19531.49	19626.49	20461.36	19873.11	2.57	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	997.12	990.05	1002.64	996.60	0.63	ppb
Thallium	205-1	990.34	997.46	1004.74	997.51	0.72	ppb
Tin	118-1	993.15	985.72	995.57	991.48	0.52	ppb
Titanium	47-1	987.72	999.77	1004.18	997.23	0.85	ppb
Uranium	238-1	993.67	1010.69	1008.90	1004.42	0.93	ppb
Vanadium	51-2	997.95	984.02	1013.87	998.61	1.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	2005.51	1962.78	2013.81	1994.04	1.37	ppb
Zirconium	90-1	990.45	997.39	1000.04	995.96	0.50	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:53:11	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	988.12	999.28	1002.92	996.77	0.77	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:56:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98087.43	96230.87	107128.02	100482.11	5.80	ppb
Antimony	121-1	1.17	1.20	1.17	1.18	1.64	ppb
Arsenic	75-2	0.27	0.23	0.44	0.32	35.62	ppb
Barium	135-1	1.40	1.43	1.38	1.40	1.87	ppb
Barium	137-1	1.40	1.43	1.42	1.42	1.17	ppb
Beryllium	9-1	0.23	0.20	0.27	0.23	16.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				92		%
Boron	10-1	36.66	34.19	32.23	34.36	6.47	ppb
Boron	11-1	38.22	35.17	32.02	35.14	8.83	ppb
Cadmium	111-1	0.10	-0.02	0.12	0.07	108.86	ppb
Cadmium	106-1	0.29	-1.37	-0.01	-0.37		ppb
Cadmium	108-1	0.11	0.11	-0.05	0.06	154.09	ppb
Calcium	43-1	503164.80	501554.24	498725.47	501148.17	0.45	ppb
Calcium	44-1	504019.97	499701.92	501485.78	501735.89	0.43	ppb
Chromium	52-2	14.75	14.88	16.69	15.44	7.03	ppb
Cobalt	59-2	1.06	1.06	1.22	1.11	8.32	ppb
Copper	63-2	2.44	2.14	2.47	2.35	7.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	244761.50	239527.86	266595.98	250295.12	5.74	ppb
Iron	57-2	242463.73	242973.12	266058.49	250498.44	5.38	ppb
Lead	206-1	1.17	1.18	1.17	1.17	0.61	ppb
Lead	207-1	1.08	1.00	1.09	1.06	4.91	ppb
Lead	208-1	1.12	1.09	1.13	1.12	1.75	ppb
Lithium	6-1				105		%
Magnesium	24-2	488101.01	478737.07	536756.76	501198.28	6.21	ppb
Manganese	55-2	8.16	7.62	9.03	8.27	8.58	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:56:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.96	0.94	0.97	0.96	1.58	ppb
Molybdenum	95-1	2.85	2.72	2.64	2.74	3.90	ppb
Molybdenum	96-1	2.75	2.70	2.73	2.73	0.98	ppb
Molybdenum	97-1	2.78	2.81	2.59	2.73	4.44	ppb
Molybdenum	98-1	2.76	2.78	2.62	2.72	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.28	10.03	10.73	10.35	3.41	ppb
Phosphorus	31-2	4.33	44.34	28.38	25.68	78.41	ppb
Potassium	39-2	243984.98	239145.44	270052.47	251060.96	6.62	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	77-2	-1.71	-1.71	-1.71	-1.71		ppb
Selenium	78-2	0.84	0.84	1.91	1.20	51.78	ppb
Selenium	82-1	0.60	0.50	0.96	0.69	34.99	ppb
Silicon	28-1	-9.75	-12.60	-13.87	-12.07		ppb
Silver	109-1	0.09	0.12	0.10	0.10	13.26	ppb
Silver	107-1	0.11	0.11	0.09	0.10	9.01	ppb
Sodium	23-2	488122.62	479331.53	537154.34	501536.16	6.21	ppb
Strontium	86-1	35.31	34.88	34.81	35.00	0.77	ppb
Strontium	88-1	36.08	35.88	35.73	35.90	0.48	ppb
Sulfur	34-1	-1626.50	-1660.68	-1551.28	-1612.82		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.45	0.41	0.37	0.41	9.45	ppb
Thallium	205-1	0.41	0.39	0.37	0.39	4.60	ppb
Tin	118-1	0.87	0.88	0.94	0.90	4.14	ppb
Titanium	47-1	0.57	0.65	0.42	0.55	21.15	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	5.49	ppb
Vanadium	51-2	0.20	0.18	0.20	0.19	6.09	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	6.19	6.26	6.42	6.29	1.87	ppb
Zirconium	90-1	0.10	0.09	0.12	0.10	15.49	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:56:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.14	0.09	0.11	23.47	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:34:25	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	491.41	507.13	533.09	510.54	4.12	ppb
Antimony	121-1	203.93	201.84	198.79	201.52	1.28	ppb
Arsenic	75-2	194.05	193.63	198.55	195.41	1.40	ppb
Barium	135-1	100.42	99.61	97.94	99.32	1.27	ppb
Barium	137-1	101.25	101.20	99.24	100.57	1.14	ppb
Beryllium	9-1	97.88	97.16	97.89	97.65	0.43	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	562.79	577.38	584.60	574.92	1.93	ppb
Boron	11-1	572.65	591.63	588.92	584.40	1.76	ppb
Cadmium	111-1	105.28	103.75	103.99	104.34	0.79	ppb
Cadmium	106-1	155.47	155.66	160.35	157.16	1.76	ppb
Cadmium	108-1	132.77	134.94	131.86	133.19	1.19	ppb
Calcium	43-1	2012.98	1976.47	1982.79	1990.75	0.98	ppb
Calcium	44-1	1951.57	1962.69	1946.61	1953.62	0.42	ppb
Chromium	52-2	95.89	97.29	95.79	96.32	0.87	ppb
Cobalt	59-2	95.35	98.33	96.89	96.86	1.54	ppb
Copper	63-2	97.14	99.94	97.58	98.22	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	56-2	938.42	952.33	944.15	944.97	0.74	ppb
Iron	57-2	938.97	939.86	935.18	938.00	0.27	ppb
Lead	206-1	195.42	196.12	195.69	195.74	0.18	ppb
Lead	207-1	185.33	185.56	185.50	185.46	0.06	ppb
Lead	208-1	195.30	194.12	193.65	194.36	0.44	ppb
Lithium	6-1				111		%
Magnesium	24-2	1104.80	1170.64	1136.01	1137.15	2.90	ppb
Manganese	55-2	96.14	98.05	96.52	96.91	1.04	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:34:25	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	515.31	508.61	510.59	511.50	0.67	ppb
Molybdenum	95-1	520.27	512.05	508.59	513.64	1.17	ppb
Molybdenum	96-1	519.07	510.80	516.30	515.39	0.82	ppb
Molybdenum	97-1	503.48	503.36	508.81	505.22	0.62	ppb
Molybdenum	98-1	517.61	508.92	518.79	515.11	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.60	103.05	98.88	99.84	2.85	ppb
Phosphorus	31-2	2.95	23.61	-16.26	3.44	580.53	ppb
Potassium	39-2	1850.79	1948.88	1812.95	1870.87	3.75	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	217.26	180.17	239.50	212.31	14.12	ppb
Selenium	78-2	214.22	191.33	212.26	205.94	6.16	ppb
Selenium	82-1	200.82	197.97	199.10	199.30	0.72	ppb
Silicon	28-1	481.37	478.20	470.04	476.54	1.23	ppb
Silver	109-1	102.38	101.36	100.78	101.51	0.80	ppb
Silver	107-1	103.91	102.37	101.34	102.54	1.26	ppb
Sodium	23-2	1865.28	1888.28	1882.02	1878.53	0.63	ppb
Strontium	86-1	512.49	501.45	512.71	508.88	1.27	ppb
Strontium	88-1	513.75	507.66	514.39	511.93	0.73	ppb
Sulfur	34-1	-1249.42	-1403.16	-1550.04	-1400.87		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	200.02	197.64	199.68	199.12	0.65	ppb
Thallium	205-1	206.43	204.85	204.31	205.20	0.54	ppb
Tin	118-1	536.48	526.90	526.16	529.85	1.09	ppb
Titanium	47-1	511.38	507.53	506.90	508.61	0.48	ppb
Uranium	238-1	526.49	522.06	521.11	523.22	0.55	ppb
Vanadium	51-2	95.47	96.81	95.40	95.89	0.83	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	192.71	196.03	200.77	196.51	2.06	ppb
Zirconium	90-1	508.87	502.92	506.24	506.01	0.59	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:34:25	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.10	504.29	505.97	507.79	0.92	ppb

LB Number : LB90902 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-16 13:37:29 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.48	-1.68	-1.64	-1.26		ppb
Antimony	121-1	0.11	0.13	0.09	0.11	17.00	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	61.22	ppb
Barium	135-1	0.01	-0.02	0.01	0.00	1205.44	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.05	0.08	0.01	0.05	75.68	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	7.22	8.07	6.61	7.30	10.07	ppb
Boron	11-1	7.70	7.25	6.69	7.21	7.06	ppb
Cadmium	111-1	-0.07	-0.04	-0.06	-0.06		ppb
Cadmium	106-1	-1.19	-0.79	-1.07	-1.02		ppb
Cadmium	108-1	0.02	-0.05	-0.01	-0.01		ppb
Calcium	43-1	-30.31	-25.77	-31.37	-29.15		ppb
Calcium	44-1	-5.61	-3.43	-3.42	-4.15		ppb
Chromium	52-2	-0.12	-0.07	0.01	-0.06		ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.00	-0.01	0.00	505.14	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				110		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	-0.01	-0.24	0.20	-0.02		ppb
Iron	57-2	-0.46	-0.44	1.55	0.22	530.62	ppb
Lead	206-1	0.06	0.04	0.06	0.05	28.00	ppb
Lead	207-1	0.04	0.02	0.02	0.03	32.16	ppb
Lead	208-1	0.05	0.02	0.04	0.04	31.61	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.16	-0.58	-0.48	-0.30		ppb
Manganese	55-2	0.03	-0.01	0.09	0.04	143.70	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:37:29	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.08	0.07	0.08	8.34	ppb
Molybdenum	95-1	0.26	0.23	0.23	0.24	6.14	ppb
Molybdenum	96-1	0.23	0.22	0.17	0.21	14.46	ppb
Molybdenum	97-1	0.24	0.24	0.26	0.25	3.92	ppb
Molybdenum	98-1	0.22	0.26	0.24	0.24	8.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-16.26	-16.26	-16.26	-16.26		ppb
Potassium	39-2	-12.53	-11.54	-5.48	-9.85		ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	-1.71	-1.71	-1.71	-1.71		ppb
Selenium	78-2	-0.82	0.78	1.62	0.52	236.35	ppb
Selenium	82-1	0.00	0.00	-0.05	-0.02		ppb
Silicon	28-1	-20.48	-19.87	-18.90	-19.75		ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.31	ppb
Silver	107-1	0.01	0.01	0.01	0.01	37.49	ppb
Sodium	23-2	-1.12	13.56	11.57	8.01	99.45	ppb
Strontium	86-1	0.02	-0.05	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	67.71	ppb
Sulfur	34-1	-1547.63	-1583.60	-1662.33	-1597.85		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.05	0.04	0.05	18.52	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	14.76	ppb
Tin	118-1	0.03	0.04	0.07	0.05	51.40	ppb
Titanium	47-1	-0.05	0.04	0.04	0.01	626.61	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	43.99	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	712.04	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	-0.06	-0.06	0.01	-0.04		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	29.42	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:37:29	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.03	0.01	159.00	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:40:36	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84958.86	85543.32	84393.08	84965.09	0.68	ppb
Antimony	121-1	1.14	1.15	1.10	1.13	2.35	ppb
Arsenic	75-2	0.33	0.46	0.31	0.37	22.51	ppb
Barium	135-1	1.48	1.53	1.54	1.52	2.30	ppb
Barium	137-1	1.52	1.54	1.57	1.54	1.78	ppb
Beryllium	9-1	0.30	0.23	0.33	0.29	16.82	ppb
Bismuth	209-1				111		%
Bismuth	209-2				97		%
Boron	10-1	8.40	6.88	6.60	7.29	13.32	ppb
Boron	11-1	7.26	7.15	6.97	7.13	2.06	ppb
Cadmium	111-1	0.11	0.12	0.17	0.13	24.19	ppb
Cadmium	106-1	-2.27	-1.37	-1.77	-1.80		ppb
Cadmium	108-1	7.09	8.28	7.23	7.53	8.63	ppb
Calcium	43-1	95376.59	93664.26	94094.72	94378.52	0.94	ppb
Calcium	44-1	92835.70	93360.32	92106.71	92767.58	0.68	ppb
Chromium	52-2	19.48	19.76	19.64	19.62	0.71	ppb
Cobalt	59-2	1.04	1.11	1.08	1.08	3.07	ppb
Copper	63-2	7.49	7.49	7.68	7.55	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	95849.65	95311.50	94154.61	95105.25	0.91	ppb
Iron	57-2	93766.21	93608.68	92661.53	93345.48	0.64	ppb
Lead	206-1	4.93	4.78	4.84	4.85	1.59	ppb
Lead	207-1	4.23	4.20	4.20	4.21	0.38	ppb
Lead	208-1	4.59	4.50	4.48	4.52	1.24	ppb
Lithium	6-1				105		%
Magnesium	24-2	93209.54	95176.10	93490.19	93958.61	1.13	ppb
Manganese	55-2	8.68	7.98	7.60	8.09	6.79	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:40:36	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	589.30	584.31	588.57	587.39	0.46	ppb
Molybdenum	95-1	1906.84	1877.59	1874.87	1886.43	0.94	ppb
Molybdenum	96-1	1603.28	1564.80	1570.04	1579.37	1.32	ppb
Molybdenum	97-1	1916.32	1881.90	1909.29	1902.50	0.96	ppb
Molybdenum	98-1	1937.00	1892.97	1903.49	1911.15	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.30	5.22	5.50	5.34	2.69	ppb
Phosphorus	31-2	99762.89	98755.64	97671.39	98729.98	1.06	ppb
Potassium	39-2	93362.48	94684.30	93320.76	93789.18	0.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	77-2	3.40	-1.71	-1.71	0.00		ppb
Selenium	78-2	-0.82	0.85	0.02	0.01	5984.45	ppb
Selenium	82-1	0.39	0.42	-0.02	0.26	93.88	ppb
Silicon	28-1	4.76	5.45	2.93	4.38	29.76	ppb
Silver	109-1	0.10	0.12	0.14	0.12	17.86	ppb
Silver	107-1	0.10	0.10	0.15	0.12	23.13	ppb
Sodium	23-2	93285.25	94051.01	92308.66	93214.97	0.94	ppb
Strontium	86-1	33.59	32.81	33.85	33.42	1.62	ppb
Strontium	88-1	33.81	33.25	33.16	33.41	1.06	ppb
Sulfur	34-1	79381.63	79552.93	78004.66	78979.74	1.07	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.16	0.15	0.14	7.98	ppb
Thallium	205-1	0.12	0.15	0.16	0.14	12.28	ppb
Tin	118-1	0.19	0.20	0.24	0.21	12.09	ppb
Titanium	47-1	1941.54	1975.61	1923.15	1946.77	1.37	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	30.78	ppb
Vanadium	51-2	0.12	0.10	0.14	0.12	15.12	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	12.79	11.81	12.11	12.24	4.11	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	24.50	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:40:36	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.04	0.04	45.57	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:43:40	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83908.46	86006.32	83552.67	84489.15	1.57	ppb
Antimony	121-1	20.63	20.86	20.55	20.68	0.76	ppb
Arsenic	75-2	19.84	18.47	19.66	19.33	3.86	ppb
Barium	135-1	21.38	21.72	21.20	21.43	1.23	ppb
Barium	137-1	21.16	21.65	21.36	21.39	1.14	ppb
Beryllium	9-1	20.57	20.90	21.02	20.83	1.12	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	72.83	75.03	71.31	73.06	2.56	ppb
Boron	11-1	70.93	74.79	74.57	73.43	2.95	ppb
Cadmium	111-1	19.97	19.65	19.95	19.85	0.91	ppb
Cadmium	106-1	22.60	23.03	23.33	22.99	1.61	ppb
Cadmium	108-1	28.82	29.83	28.81	29.15	2.01	ppb
Calcium	43-1	92073.37	93836.14	94690.26	93533.26	1.43	ppb
Calcium	44-1	90565.32	93100.15	92877.60	92181.02	1.52	ppb
Chromium	52-2	39.33	40.33	38.85	39.50	1.92	ppb
Cobalt	59-2	20.12	20.70	20.62	20.48	1.56	ppb
Copper	63-2	26.90	27.68	26.73	27.10	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	92905.77	94563.51	93061.39	93510.22	0.98	ppb
Iron	57-2	91149.58	93056.44	91623.72	91943.25	1.08	ppb
Lead	206-1	24.45	25.62	25.47	25.18	2.52	ppb
Lead	207-1	22.36	23.26	23.03	22.88	2.05	ppb
Lead	208-1	23.54	24.23	24.20	23.99	1.62	ppb
Lithium	6-1				103		%
Magnesium	24-2	92817.36	94451.47	92467.44	93245.42	1.14	ppb
Manganese	55-2	27.66	28.79	27.72	28.06	2.26	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:43:40	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	635.71	648.46	638.65	640.94	1.04	ppb
Molybdenum	95-1	1923.75	1930.57	1913.36	1922.56	0.45	ppb
Molybdenum	96-1	1602.79	1634.00	1609.66	1615.48	1.02	ppb
Molybdenum	97-1	1915.79	1954.19	1924.35	1931.44	1.04	ppb
Molybdenum	98-1	1928.26	1976.99	1907.22	1937.49	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.29	25.30	25.05	24.88	2.12	ppb
Phosphorus	31-2	98834.98	102011.60	98310.12	99718.90	2.01	ppb
Potassium	39-2	92527.31	94203.86	95563.81	94098.33	1.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	77-2	23.09	23.40	13.24	19.91	29.02	ppb
Selenium	78-2	10.42	15.43	19.34	15.06	29.70	ppb
Selenium	82-1	18.45	19.68	20.06	19.40	4.32	ppb
Silicon	28-1	68.71	73.95	74.87	72.51	4.58	ppb
Silver	109-1	18.41	19.01	18.66	18.70	1.61	ppb
Silver	107-1	18.84	19.36	18.80	19.00	1.64	ppb
Sodium	23-2	92050.38	94775.79	92057.09	92961.09	1.69	ppb
Strontium	86-1	91.36	93.92	91.38	92.22	1.60	ppb
Strontium	88-1	94.43	95.93	95.60	95.32	0.83	ppb
Sulfur	34-1	76557.14	79075.72	79784.21	78472.36	2.16	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	20.38	20.85	20.43	20.56	1.25	ppb
Thallium	205-1	20.48	20.74	20.56	20.59	0.66	ppb
Tin	118-1	60.56	61.21	60.38	60.72	0.72	ppb
Titanium	47-1	1976.07	2010.17	1989.93	1992.05	0.86	ppb
Uranium	238-1	60.25	60.23	60.29	60.26	0.05	ppb
Vanadium	51-2	20.37	19.95	19.65	19.99	1.80	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	31.87	33.60	33.45	32.97	2.90	ppb
Zirconium	90-1	60.38	60.88	60.21	60.49	0.57	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:43:40	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	59.00	60.30	60.09	59.80	1.17	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:46:45	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47042.07	47494.01	47491.78	47342.62	0.55	ppb
Antimony	121-1	503.09	505.78	502.01	503.63	0.39	ppb
Arsenic	75-2	508.15	507.45	506.76	507.45	0.14	ppb
Barium	135-1	2553.34	2543.52	2549.31	2548.72	0.19	ppb
Barium	137-1	2509.02	2547.56	2519.47	2525.35	0.79	ppb
Beryllium	9-1	505.63	510.27	507.13	507.68	0.47	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	496.62	505.07	522.68	508.13	2.62	ppb
Boron	11-1	498.06	514.58	518.80	510.48	2.15	ppb
Cadmium	111-1	487.50	493.53	494.13	491.72	0.75	ppb
Cadmium	106-1	487.34	496.89	492.08	492.10	0.97	ppb
Cadmium	108-1	501.26	500.13	501.95	501.11	0.18	ppb
Calcium	43-1	232516.13	239678.09	236256.47	236150.23	1.52	ppb
Calcium	44-1	232204.95	236241.04	233146.53	233864.17	0.90	ppb
Chromium	52-2	507.51	509.89	513.84	510.41	0.63	ppb
Cobalt	59-2	481.81	484.03	487.44	484.43	0.59	ppb
Copper	63-2	956.10	962.74	976.76	965.20	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	116590.89	116802.74	116855.87	116749.83	0.12	ppb
Iron	57-2	115633.33	117716.52	118061.62	117137.16	1.12	ppb
Lead	206-1	518.08	523.86	518.90	520.28	0.60	ppb
Lead	207-1	514.79	518.01	515.56	516.12	0.33	ppb
Lead	208-1	513.59	517.96	515.53	515.69	0.42	ppb
Lithium	6-1				104		%
Magnesium	24-2	232580.63	235041.59	234182.14	233934.78	0.53	ppb
Manganese	55-2	1003.22	1013.61	1012.95	1009.93	0.58	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:46:45	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	517.45	512.35	516.97	515.59	0.55	ppb
Molybdenum	95-1	509.94	511.59	511.71	511.08	0.19	ppb
Molybdenum	96-1	511.67	517.48	522.17	517.11	1.02	ppb
Molybdenum	97-1	500.79	503.01	505.69	503.16	0.49	ppb
Molybdenum	98-1	509.60	515.73	512.39	512.57	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.41	492.08	498.56	493.02	1.04	ppb
Phosphorus	31-2	10723.14	10594.06	10077.68	10464.96	3.26	ppb
Potassium	39-2	119714.60	119790.25	119656.66	119720.50	0.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	569.00	548.41	500.97	539.46	6.47	ppb
Selenium	78-2	575.85	546.83	500.73	541.13	7.00	ppb
Selenium	82-1	499.57	497.27	495.48	497.44	0.41	ppb
Silicon	28-1	497.87	523.53	518.53	513.31	2.65	ppb
Silver	109-1	498.23	496.91	498.34	497.83	0.16	ppb
Silver	107-1	496.33	499.06	497.32	497.57	0.28	ppb
Sodium	23-2	233642.17	236045.79	236174.18	235287.38	0.61	ppb
Strontium	86-1	514.16	513.81	518.56	515.51	0.51	ppb
Strontium	88-1	518.33	516.52	520.95	518.60	0.43	ppb
Sulfur	34-1	8484.32	8984.39	8579.36	8682.69	3.06	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	513.08	516.72	518.14	515.98	0.51	ppb
Thallium	205-1	507.57	515.99	513.96	512.50	0.86	ppb
Tin	118-1	509.83	512.11	505.23	509.06	0.69	ppb
Titanium	47-1	496.49	508.92	503.17	502.86	1.24	ppb
Uranium	238-1	516.53	523.39	518.42	519.45	0.68	ppb
Vanadium	51-2	505.81	514.32	508.18	509.44	0.86	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	972.09	966.95	971.86	970.30	0.30	ppb
Zirconium	90-1	513.17	509.56	516.38	513.03	0.67	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:46:45	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	512.67	515.24	512.30	513.40	0.31	ppb

LB Number : LB90902 Operator : Jaswal
 Lab Sample ID : CCB067 Instrumnet Name : P8
 Client Sample ID : CCB067 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-16 13:49:44 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	1.00	1.01	0.57	129.34	ppb
Antimony	121-1	0.21	0.25	0.26	0.24	11.64	ppb
Arsenic	75-2	0.04	0.08	0.01	0.04	85.50	ppb
Barium	135-1	0.07	0.04	0.02	0.04	62.11	ppb
Barium	137-1	0.06	0.05	0.04	0.05	14.21	ppb
Beryllium	9-1	0.09	0.06	0.15	0.10	48.41	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	15.41	13.44	12.84	13.90	9.69	ppb
Boron	11-1	15.68	14.15	13.37	14.40	8.17	ppb
Cadmium	111-1	-0.08	-0.02	-0.11	-0.07		ppb
Cadmium	106-1	-1.35	-0.53	-1.74	-1.21		ppb
Cadmium	108-1	0.08	0.05	0.02	0.05	62.82	ppb
Calcium	43-1	-35.66	-38.33	-25.74	-33.24		ppb
Calcium	44-1	6.69	4.18	4.85	5.24	24.86	ppb
Chromium	52-2	-0.05	-0.10	-0.09	-0.08		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.08	0.08	0.08	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				109		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	3.31	3.04	3.53	3.29	7.39	ppb
Iron	57-2	1.00	1.74	1.75	1.50	28.98	ppb
Lead	206-1	0.11	0.13	0.11	0.12	13.17	ppb
Lead	207-1	0.10	0.08	0.11	0.09	17.82	ppb
Lead	208-1	0.11	0.11	0.11	0.11	1.12	ppb
Lithium	6-1				108		%
Magnesium	24-2	6.47	5.60	0.99	4.35	67.58	ppb
Manganese	55-2	0.06	-0.06	0.01	0.00	5562.37	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:49:44	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.14	0.14	0.15	10.96	ppb
Molybdenum	95-1	0.51	0.39	0.40	0.43	14.79	ppb
Molybdenum	96-1	0.39	0.34	0.33	0.36	8.44	ppb
Molybdenum	97-1	0.54	0.48	0.44	0.49	10.34	ppb
Molybdenum	98-1	0.47	0.41	0.43	0.44	6.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	0.02	0.00	1314.56	ppb
Phosphorus	31-2	-16.26	-16.26	24.79	-2.58		ppb
Potassium	39-2	20.34	24.14	3.20	15.89	70.17	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	77-2	-1.71	-1.71	-1.71	-1.71		ppb
Selenium	78-2	0.01	0.85	0.84	0.57	85.04	ppb
Selenium	82-1	-0.48	0.58	-0.10	0.00		ppb
Silicon	28-1	-19.66	-19.31	-21.41	-20.13		ppb
Silver	109-1	0.06	0.06	0.06	0.06	5.66	ppb
Silver	107-1	0.07	0.07	0.06	0.07	6.16	ppb
Sodium	23-2	59.75	55.35	50.18	55.09	8.69	ppb
Strontium	86-1	0.00	0.03	0.03	0.02	81.01	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	33.76	ppb
Sulfur	34-1	-2066.98	-1993.01	-2170.59	-2076.86		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.15	0.13	0.14	8.73	ppb
Thallium	205-1	0.15	0.11	0.12	0.13	15.40	ppb
Tin	118-1	0.05	0.03	0.06	0.05	25.18	ppb
Titanium	47-1	0.01	0.04	0.13	0.06	103.40	ppb
Uranium	238-1	0.02	0.01	0.02	0.01	15.28	ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	80.72	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	0.03	0.25	0.08	0.12	98.87	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	25.79	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:49:44	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.02	0.05	43.68	ppb

LB Number : LB90902 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-10-16 13:52:51 DataFile Name : 019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.68	7.05	17.41	14.71	45.78	ppb
Antimony	121-1	1.84	1.91	1.88	1.88	1.86	ppb
Arsenic	75-2	0.87	1.25	0.90	1.01	21.17	ppb
Barium	135-1	8.76	9.42	8.94	9.04	3.73	ppb
Barium	137-1	9.04	9.21	9.22	9.15	1.11	ppb
Beryllium	9-1	0.99	0.88	1.00	0.96	7.27	ppb
Bismuth	209-1				116		%
Bismuth	209-2				107		%
Boron	10-1	25.42	28.13	26.66	26.74	5.08	ppb
Boron	11-1	26.65	27.79	27.69	27.38	2.30	ppb
Cadmium	111-1	0.87	0.83	0.82	0.84	3.32	ppb
Cadmium	106-1	0.22	-0.51	-0.55	-0.28		ppb
Cadmium	108-1	0.71	1.06	1.16	0.98	23.87	ppb
Calcium	43-1	339.76	391.34	397.52	376.21	8.43	ppb
Calcium	44-1	402.38	420.66	411.32	411.45	2.22	ppb
Chromium	52-2	1.84	1.82	1.95	1.87	3.75	ppb
Cobalt	59-2	0.88	0.82	0.91	0.87	5.06	ppb
Copper	63-2	1.93	1.80	1.85	1.86	3.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	56-2	44.92	44.11	45.45	44.83	1.51	ppb
Iron	57-2	40.82	35.21	43.62	39.88	10.73	ppb
Lead	206-1	0.97	0.97	0.97	0.97	0.15	ppb
Lead	207-1	0.92	0.98	0.93	0.94	3.13	ppb
Lead	208-1	0.96	0.98	0.96	0.97	1.09	ppb
Lithium	6-1				112		%
Magnesium	24-2	429.13	413.57	419.82	420.84	1.86	ppb
Manganese	55-2	0.95	0.64	0.85	0.81	19.26	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:52:51	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.98	2.02	1.99	2.00	1.00	ppb
Molybdenum	95-1	4.25	4.52	4.35	4.37	3.10	ppb
Molybdenum	96-1	3.87	3.84	3.71	3.81	2.25	ppb
Molybdenum	97-1	4.17	4.62	4.57	4.45	5.56	ppb
Molybdenum	98-1	4.47	4.50	4.69	4.55	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.83	0.90	0.91	8.62	ppb
Phosphorus	31-2	3.53	3.35	23.82	10.23	114.98	ppb
Potassium	39-2	430.66	420.01	432.26	427.65	1.56	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	77-2	3.31	13.52	-1.71	5.04	153.91	ppb
Selenium	78-2	2.43	2.47	1.64	2.18	21.40	ppb
Selenium	82-1	4.33	4.89	5.25	4.82	9.60	ppb
Silicon	28-1	-13.34	-9.30	-12.04	-11.56		ppb
Silver	109-1	0.86	0.98	0.95	0.93	6.45	ppb
Silver	107-1	0.95	0.99	0.99	0.98	2.49	ppb
Sodium	23-2	455.83	460.77	472.47	463.02	1.85	ppb
Strontium	86-1	0.87	0.91	0.94	0.91	4.01	ppb
Strontium	88-1	0.90	0.90	0.93	0.91	1.86	ppb
Sulfur	34-1	-2356.22	-1843.47	-2164.95	-2121.54		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.97	0.93	0.97	0.96	2.62	ppb
Thallium	205-1	0.96	0.99	0.94	0.96	2.58	ppb
Tin	118-1	4.34	4.68	4.42	4.48	3.92	ppb
Titanium	47-1	4.07	4.58	4.24	4.30	5.98	ppb
Uranium	238-1	0.85	0.87	0.83	0.85	2.41	ppb
Vanadium	51-2	4.31	4.12	4.75	4.39	7.27	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	1.84	1.93	2.16	1.98	8.39	ppb
Zirconium	90-1	0.87	0.94	0.92	0.91	3.94	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:52:51	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.99	0.95	0.93	8.50	ppb

LB Number : LB90902 Operator : Jaswal
 Lab Sample ID : PB103209BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-16 14:03:42 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.89	-0.31	0.95	-0.75		ppb
Antimony	121-1	0.05	0.06	0.07	0.06	16.32	ppb
Arsenic	75-2	-0.03	-0.01	0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.08	0.01	0.05	80.78	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	4.18	3.95	3.55	3.89	8.16	ppb
Boron	11-1	3.55	3.78	3.65	3.66	3.19	ppb
Cadmium	111-1	-0.13	-0.07	-0.04	-0.08		ppb
Cadmium	106-1	-1.98	-1.15	-0.81	-1.31		ppb
Cadmium	108-1	-0.01	-0.05	-0.05	-0.04		ppb
Calcium	43-1	-38.23	-46.67	-42.70	-42.53		ppb
Calcium	44-1	-1.37	-3.83	-1.09	-2.10		ppb
Chromium	52-2	-0.10	-0.09	-0.08	-0.09		ppb
Cobalt	59-2	0.00	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.05	0.05	0.01	0.04	56.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	0.48	0.36	0.23	0.35	35.59	ppb
Iron	57-2	-0.17	-1.75	0.14	-0.59		ppb
Lead	206-1	0.05	0.06	0.03	0.04	23.58	ppb
Lead	207-1	0.03	0.03	0.04	0.03	17.67	ppb
Lead	208-1	0.03	0.04	0.04	0.04	14.84	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.01	0.16	1.19	0.79	70.22	ppb
Manganese	55-2	0.01	0.01	-0.01	0.01	182.60	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:03:42	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	128.24	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	6.59	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	24.94	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	27.08	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.04	11.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.08	0.01	-0.04		ppb
Phosphorus	31-2	-16.26	-16.26	-16.26	-16.26		ppb
Potassium	39-2	5.81	12.03	-1.53	5.44	124.79	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	-1.71	-1.71	-1.71	-1.71		ppb
Selenium	78-2	-0.82	0.01	1.67	0.29	442.62	ppb
Selenium	82-1	0.25	0.27	-0.15	0.12	196.75	ppb
Silicon	28-1	-21.08	-22.47	-20.36	-21.30		ppb
Silver	109-1	0.02	0.01	0.03	0.02	34.83	ppb
Silver	107-1	0.01	0.01	0.02	0.01	35.39	ppb
Sodium	23-2	23.24	26.10	17.32	22.22	20.15	ppb
Strontium	86-1	0.02	-0.05	0.03	0.00	5793.41	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	503.67	ppb
Sulfur	34-1	-1208.93	-1348.28	-1276.61	-1277.94		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.02	0.03	0.03	32.69	ppb
Thallium	205-1	0.04	0.02	0.02	0.03	28.24	ppb
Tin	118-1	-0.01	-0.02	-0.01	-0.01		ppb
Titanium	47-1	-0.03	0.00	0.04	0.00	704.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	-0.07	0.05	0.17	0.05	252.49	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	99.88	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:03:42	DataFile Name :	020CCBE.d

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

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:06:50	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.12	31.05	43.76	41.64	23.32	ppb
Antimony	121-1	3.64	3.76	3.72	3.71	1.57	ppb
Arsenic	75-2	2.01	2.39	2.10	2.17	9.20	ppb
Barium	135-1	18.73	18.38	19.20	18.77	2.20	ppb
Barium	137-1	18.69	19.07	18.82	18.86	1.03	ppb
Beryllium	9-1	1.92	1.92	1.81	1.88	3.46	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	46.51	49.06	46.52	47.36	3.10	ppb
Boron	11-1	45.40	44.61	46.07	45.36	1.62	ppb
Cadmium	111-1	1.85	1.82	1.74	1.80	3.07	ppb
Cadmium	106-1	1.51	1.31	-0.10	0.91	96.96	ppb
Cadmium	108-1	2.45	2.06	2.37	2.29	9.05	ppb
Calcium	43-1	833.52	816.04	828.48	826.02	1.09	ppb
Calcium	44-1	868.41	851.36	863.91	861.23	1.03	ppb
Chromium	52-2	3.85	3.90	4.24	3.99	5.26	ppb
Cobalt	59-2	1.81	1.88	1.96	1.88	3.99	ppb
Copper	63-2	3.93	3.98	3.79	3.90	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	378.74	378.29	379.05	378.69	0.10	ppb
Iron	57-2	377.04	393.55	375.14	381.91	2.65	ppb
Lead	206-1	1.95	1.82	1.92	1.90	3.63	ppb
Lead	207-1	1.78	1.89	1.90	1.86	3.60	ppb
Lead	208-1	1.90	1.88	1.94	1.91	1.56	ppb
Lithium	6-1				110		%
Magnesium	24-2	923.12	900.26	895.98	906.45	1.61	ppb
Manganese	55-2	1.60	1.83	1.90	1.78	8.77	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:06:50	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.07	4.10	4.10	4.09	0.38	ppb
Molybdenum	95-1	9.07	9.05	8.92	9.02	0.94	ppb
Molybdenum	96-1	7.87	7.79	7.72	7.80	0.97	ppb
Molybdenum	97-1	9.43	9.23	8.98	9.21	2.43	ppb
Molybdenum	98-1	9.28	9.03	9.09	9.13	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.14	2.25	2.18	2.97	ppb
Phosphorus	31-2	-16.26	-16.26	4.19	-9.44		ppb
Potassium	39-2	935.64	882.16	907.40	908.40	2.95	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	77-2	18.55	13.91	18.69	17.05	15.94	ppb
Selenium	78-2	12.29	7.61	8.26	9.39	27.06	ppb
Selenium	82-1	9.25	10.19	9.86	9.77	4.88	ppb
Silicon	28-1	9.01	8.47	8.88	8.78	3.21	ppb
Silver	109-1	1.93	2.02	2.01	1.98	2.49	ppb
Silver	107-1	1.98	1.94	2.01	1.98	1.67	ppb
Sodium	23-2	936.70	943.40	951.01	943.70	0.76	ppb
Strontium	86-1	1.91	1.77	1.71	1.80	5.86	ppb
Strontium	88-1	1.97	1.87	1.87	1.90	3.13	ppb
Sulfur	34-1	-1327.05	-1416.81	-1306.49	-1350.12		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	1.90	1.95	1.94	1.93	1.41	ppb
Thallium	205-1	1.84	1.89	1.89	1.87	1.35	ppb
Tin	118-1	9.36	9.34	9.31	9.33	0.26	ppb
Titanium	47-1	8.89	9.09	9.13	9.04	1.41	ppb
Uranium	238-1	1.74	1.74	1.80	1.76	1.92	ppb
Vanadium	51-2	9.66	9.50	8.92	9.36	4.13	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	4.32	4.77	4.11	4.40	7.76	ppb
Zirconium	90-1	1.82	1.85	1.91	1.86	2.44	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:06:50	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.78	1.83	1.79	1.80	1.49	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5789-01A	Instrumnet Name :	P8
Client Sample ID :	B-38(FILL)_100917A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:09:57	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15049.89	13376.35	13524.34	13983.53	6.63	ppb
Antimony	121-1	10.58	10.59	10.77	10.64	1.00	ppb
Arsenic	75-2	55.86	49.34	50.90	52.03	6.54	ppb
Barium	135-1	2271.91	2248.09	2292.78	2270.93	0.98	ppb
Barium	137-1	2263.37	2256.72	2255.52	2258.54	0.19	ppb
Beryllium	9-1	1.04	0.99	1.09	1.04	4.82	ppb
Bismuth	209-1				111		%
Bismuth	209-2				97		%
Boron	10-1	24.89	24.70	26.11	25.23	3.05	ppb
Boron	11-1	24.60	24.88	24.60	24.69	0.66	ppb
Cadmium	111-1	23.07	22.63	22.75	22.82	0.99	ppb
Cadmium	106-1	21.33	20.46	20.55	20.78	2.31	ppb
Cadmium	108-1	23.69	23.55	22.80	23.35	2.05	ppb
Calcium	43-1	37863.88	37893.01	37993.36	37916.75	0.18	ppb
Calcium	44-1	37900.72	37910.36	37741.24	37850.77	0.25	ppb
Chromium	52-2	117.45	108.14	103.59	109.73	6.44	ppb
Cobalt	59-2	39.38	36.29	35.53	37.07	5.50	ppb
Copper	63-2	278.74	250.56	247.37	258.89	6.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	56-2	41616.09	37560.49	36684.75	38620.44	6.81	ppb
Iron	57-2	40563.99	36559.76	35989.87	37704.54	6.61	ppb
Lead	206-1	2144.11	2110.85	2130.36	2128.44	0.79	ppb
Lead	207-1	1994.78	1999.80	1997.91	1997.50	0.13	ppb
Lead	208-1	2068.12	2054.91	2060.01	2061.02	0.32	ppb
Lithium	6-1				109		%
Magnesium	24-2	6773.43	6168.32	5924.36	6288.70	6.95	ppb
Manganese	55-2	917.39	836.07	813.94	855.80	6.37	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5789-01A	Instrumnet Name :	P8
Client Sample ID :	B-38(FILL)_ 100917A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:09:57	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.41	2.29	2.23	2.31	3.79	ppb
Molybdenum	95-1	2.24	2.35	2.35	2.31	2.81	ppb
Molybdenum	96-1	2.26	2.28	2.20	2.24	1.89	ppb
Molybdenum	97-1	2.26	2.46	2.36	2.36	4.16	ppb
Molybdenum	98-1	2.18	2.24	2.29	2.24	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.73	40.30	38.96	41.33	7.30	ppb
Phosphorus	31-2	1272.26	684.59	1025.64	994.16	29.68	ppb
Potassium	39-2	1335.12	1197.57	1162.68	1231.79	7.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				96		%
Selenium	77-2	58.37	58.14	33.03	49.85	29.22	ppb
Selenium	78-2	8.90	4.83	9.62	7.78	33.20	ppb
Selenium	82-1	1.56	1.69	1.89	1.71	9.65	ppb
Silicon	28-1	5369.30	5324.07	5395.23	5362.87	0.67	ppb
Silver	109-1	2.70	2.73	2.81	2.75	2.03	ppb
Silver	107-1	2.71	2.77	2.88	2.79	3.04	ppb
Sodium	23-2	698.28	634.72	601.75	644.92	7.61	ppb
Strontium	86-1	191.54	192.27	191.99	191.93	0.19	ppb
Strontium	88-1	194.03	198.28	196.08	196.13	1.08	ppb
Sulfur	34-1	446.50	406.60	520.24	457.78	12.59	ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.20	0.21	0.21	0.21	4.72	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	0.88	ppb
Tin	118-1	50.71	49.19	49.71	49.87	1.55	ppb
Titanium	47-1	389.96	386.32	386.29	387.52	0.55	ppb
Uranium	238-1	0.91	0.93	0.91	0.92	1.36	ppb
Vanadium	51-2	45.14	40.23	39.95	41.77	6.99	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	3522.33	3163.64	3108.31	3264.76	6.88	ppb
Zirconium	90-1	2.34	2.31	2.37	2.34	1.39	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5789-01A	Instrumnet Name :	P8
Client Sample ID :	B-38(FILL)_100917A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:09:57	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.24	2.13	2.30	2.22	3.92	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:13:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9318.99	9661.49	9520.97	9500.48	1.81	ppb
Antimony	121-1	4.48	4.54	4.65	4.55	1.89	ppb
Arsenic	75-2	20.77	21.07	21.09	20.98	0.85	ppb
Barium	135-1	588.23	577.92	587.27	584.47	0.97	ppb
Barium	137-1	599.00	591.04	596.84	595.63	0.69	ppb
Beryllium	9-1	0.90	0.77	0.79	0.82	8.20	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	28.36	30.28	29.67	29.44	3.34	ppb
Boron	11-1	31.06	30.66	30.26	30.66	1.30	ppb
Cadmium	111-1	2.24	2.23	2.18	2.22	1.57	ppb
Cadmium	106-1	1.37	1.59	0.73	1.23	36.53	ppb
Cadmium	108-1	3.18	2.69	2.94	2.94	8.21	ppb
Calcium	43-1	38462.55	38325.58	39376.42	38721.52	1.48	ppb
Calcium	44-1	38680.00	38628.28	39170.69	38826.32	0.77	ppb
Chromium	52-2	68.54	70.55	68.51	69.20	1.69	ppb
Cobalt	59-2	36.00	37.85	37.09	36.98	2.51	ppb
Copper	63-2	266.20	274.97	274.68	271.95	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	31392.28	32547.28	32368.86	32102.81	1.94	ppb
Iron	57-2	30635.09	31741.89	31295.54	31224.18	1.78	ppb
Lead	206-1	1316.54	1330.23	1326.48	1324.42	0.53	ppb
Lead	207-1	1231.84	1244.94	1234.11	1236.96	0.57	ppb
Lead	208-1	1279.88	1291.73	1277.75	1283.12	0.59	ppb
Lithium	6-1				114		%
Magnesium	24-2	4402.35	4538.09	4496.35	4478.93	1.55	ppb
Manganese	55-2	566.67	579.04	583.46	576.39	1.51	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:13:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.86	2.89	2.83	2.86	1.12	ppb
Molybdenum	95-1	3.44	3.64	3.52	3.53	2.78	ppb
Molybdenum	96-1	3.59	3.32	3.53	3.48	4.14	ppb
Molybdenum	97-1	3.60	3.47	3.76	3.61	3.96	ppb
Molybdenum	98-1	3.59	3.72	3.62	3.64	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.05	33.43	33.70	33.06	2.69	ppb
Phosphorus	31-2	945.32	1304.20	1235.38	1161.63	16.40	ppb
Potassium	39-2	1082.16	1142.39	1096.18	1106.91	2.85	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	77-2	32.34	71.50	32.66	45.50	49.49	ppb
Selenium	78-2	7.05	4.71	5.53	5.76	20.65	ppb
Selenium	82-1	2.85	2.10	1.84	2.26	23.05	ppb
Silicon	28-1	5131.12	5054.30	5147.60	5111.01	0.97	ppb
Silver	109-1	1.09	1.07	1.11	1.09	1.41	ppb
Silver	107-1	1.11	1.08	1.11	1.10	1.64	ppb
Sodium	23-2	995.19	1049.89	1046.96	1030.68	2.99	ppb
Strontium	86-1	203.67	202.93	205.59	204.06	0.67	ppb
Strontium	88-1	209.72	206.11	210.35	208.73	1.09	ppb
Sulfur	34-1	902.29	720.85	972.62	865.25	15.01	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.22	0.23	0.23	0.23	1.87	ppb
Thallium	205-1	0.23	0.21	0.25	0.23	9.51	ppb
Tin	118-1	199.95	199.90	201.52	200.46	0.46	ppb
Titanium	47-1	371.41	372.12	373.54	372.36	0.29	ppb
Uranium	238-1	0.91	0.89	0.92	0.91	1.48	ppb
Vanadium	51-2	60.73	62.76	62.33	61.94	1.73	ppb
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	856.50	891.20	888.72	878.81	2.20	ppb
Zirconium	90-1	2.40	2.47	2.44	2.44	1.44	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:13:02	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.61	2.41	2.38	2.47	5.07	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:16:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7729.26	7404.31	7365.56	7499.71	2.66	ppb
Antimony	121-1	2.46	2.51	2.64	2.53	3.60	ppb
Arsenic	75-2	8.38	9.21	8.06	8.55	6.91	ppb
Barium	135-1	376.82	377.31	380.44	378.19	0.52	ppb
Barium	137-1	375.79	379.53	375.28	376.87	0.62	ppb
Beryllium	9-1	0.56	0.62	0.50	0.56	10.25	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	52.64	53.34	51.22	52.40	2.06	ppb
Boron	11-1	52.84	53.79	55.58	54.07	2.57	ppb
Cadmium	111-1	4.24	4.27	4.06	4.19	2.70	ppb
Cadmium	106-1	2.75	3.38	4.01	3.38	18.72	ppb
Cadmium	108-1	3.69	4.75	4.82	4.42	14.36	ppb
Calcium	43-1	35778.69	36239.06	35841.05	35952.93	0.69	ppb
Calcium	44-1	35365.70	35943.11	35792.65	35700.48	0.84	ppb
Chromium	52-2	38.33	37.52	38.07	37.97	1.09	ppb
Cobalt	59-2	21.54	20.91	21.22	21.22	1.50	ppb
Copper	63-2	254.38	249.66	248.25	250.76	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	56-2	12595.93	12380.43	12466.13	12480.83	0.87	ppb
Iron	57-2	12272.94	12192.55	12026.66	12164.05	1.03	ppb
Lead	206-1	982.09	972.33	961.18	971.87	1.08	ppb
Lead	207-1	903.02	896.61	886.61	895.41	0.92	ppb
Lead	208-1	937.09	926.43	922.26	928.59	0.82	ppb
Lithium	6-1				115		%
Magnesium	24-2	3810.15	3747.82	3777.53	3778.50	0.83	ppb
Manganese	55-2	305.49	300.09	297.64	301.07	1.33	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:16:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.85	2.71	2.71	2.76	2.89	ppb
Molybdenum	95-1	1.52	1.54	1.56	1.54	1.58	ppb
Molybdenum	96-1	1.88	1.76	1.81	1.82	3.24	ppb
Molybdenum	97-1	1.58	1.51	1.49	1.53	3.10	ppb
Molybdenum	98-1	1.55	1.51	1.54	1.53	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.05	16.67	16.38	16.70	2.03	ppb
Phosphorus	31-2	729.60	577.95	562.40	623.32	14.82	ppb
Potassium	39-2	854.35	822.20	854.51	843.69	2.21	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	77-2	18.56	58.20	23.45	33.41	64.69	ppb
Selenium	78-2	5.74	3.22	6.51	5.15	33.38	ppb
Selenium	82-1	0.78	1.77	1.02	1.19	43.17	ppb
Silicon	28-1	1955.60	2011.49	1963.98	1977.02	1.52	ppb
Silver	109-1	0.76	0.76	0.77	0.76	0.87	ppb
Silver	107-1	0.77	0.76	0.81	0.78	3.53	ppb
Sodium	23-2	757.23	773.61	745.31	758.72	1.87	ppb
Strontium	86-1	177.84	172.27	175.30	175.13	1.59	ppb
Strontium	88-1	181.95	178.23	179.11	179.76	1.08	ppb
Sulfur	34-1	-1519.95	-1322.56	-1508.23	-1450.25		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.11	0.10	0.11	15.41	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	4.91	ppb
Tin	118-1	50.51	50.84	50.15	50.50	0.68	ppb
Titanium	47-1	247.26	254.06	247.69	249.67	1.53	ppb
Uranium	238-1	0.57	0.54	0.56	0.55	2.91	ppb
Vanadium	51-2	32.48	31.29	33.01	32.26	2.73	ppb
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	467.17	451.62	446.29	455.03	2.38	ppb
Zirconium	90-1	3.23	3.20	3.72	3.38	8.65	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:16:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.25	3.10	3.09	3.15	2.72	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:19:11	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.59	492.57	502.43	493.86	1.62	ppb
Antimony	121-1	0.23	0.25	0.28	0.25	9.02	ppb
Arsenic	75-2	1.27	1.27	0.99	1.18	13.62	ppb
Barium	135-1	28.99	28.44	28.93	28.79	1.04	ppb
Barium	137-1	29.19	28.39	29.29	28.96	1.71	ppb
Beryllium	9-1	0.08	0.05	0.03	0.05	51.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	5.13	4.84	4.42	4.80	7.47	ppb
Boron	11-1	5.02	4.70	4.73	4.82	3.60	ppb
Cadmium	111-1	0.09	0.06	0.02	0.06	65.70	ppb
Cadmium	106-1	-0.69	-0.67	-1.01	-0.79		ppb
Cadmium	108-1	0.15	0.17	0.24	0.19	24.62	ppb
Calcium	43-1	1981.70	1907.30	1994.03	1961.01	2.39	ppb
Calcium	44-1	1977.25	1954.06	1966.85	1966.05	0.59	ppb
Chromium	52-2	3.34	3.57	3.34	3.42	3.92	ppb
Cobalt	59-2	1.90	1.95	1.71	1.85	6.91	ppb
Copper	63-2	13.59	13.62	13.58	13.60	0.13	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				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	1590.91	1603.87	1589.87	1594.88	0.49	ppb
Iron	57-2	1579.50	1553.03	1553.89	1562.14	0.96	ppb
Lead	206-1	67.49	66.24	66.50	66.74	0.99	ppb
Lead	207-1	60.88	60.65	60.41	60.65	0.39	ppb
Lead	208-1	64.66	63.65	63.66	63.99	0.90	ppb
Lithium	6-1				106		%
Magnesium	24-2	214.09	215.10	206.34	211.85	2.26	ppb
Manganese	55-2	28.19	29.41	28.26	28.62	2.39	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:19:11	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.15	0.12	0.13	9.13	ppb
Molybdenum	95-1	0.16	0.20	0.20	0.19	13.10	ppb
Molybdenum	96-1	0.23	0.18	0.17	0.19	16.94	ppb
Molybdenum	97-1	0.22	0.15	0.25	0.21	24.86	ppb
Molybdenum	98-1	0.17	0.18	0.21	0.19	10.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.63	1.54	1.70	12.43	ppb
Phosphorus	31-2	46.75	85.35	62.93	65.01	29.82	ppb
Potassium	39-2	31.24	20.41	43.09	31.58	35.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	3.60	13.50	8.46	8.52	58.07	ppb
Selenium	78-2	0.04	0.00	0.00	0.01	195.67	ppb
Selenium	82-1	-0.10	0.28	0.35	0.18	135.05	ppb
Silicon	28-1	247.62	248.10	261.89	252.54	3.21	ppb
Silver	109-1	0.07	0.08	0.08	0.08	3.86	ppb
Silver	107-1	0.11	0.09	0.10	0.10	10.26	ppb
Sodium	23-2	86.23	74.77	76.42	79.14	7.83	ppb
Strontium	86-1	10.47	10.68	10.67	10.61	1.11	ppb
Strontium	88-1	10.85	10.86	10.79	10.83	0.35	ppb
Sulfur	34-1	-1506.29	-1945.30	-460.84	-1304.14		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.03	0.02	0.02	12.88	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	16.26	ppb
Tin	118-1	10.25	9.88	9.83	9.99	2.29	ppb
Titanium	47-1	19.34	19.31	19.63	19.43	0.91	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	12.64	ppb
Vanadium	51-2	3.01	3.04	3.04	3.03	0.60	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	44.39	46.01	44.74	45.04	1.89	ppb
Zirconium	90-1	0.12	0.12	0.11	0.12	6.18	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:19:11	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.11	0.09	0.11	11.82	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:22:19	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	361.04	359.04	379.02	366.37	3.00	ppb
Antimony	121-1	0.12	0.12	0.12	0.12	1.85	ppb
Arsenic	75-2	0.45	0.50	0.43	0.46	8.22	ppb
Barium	135-1	18.67	18.25	19.12	18.68	2.34	ppb
Barium	137-1	18.59	17.90	19.31	18.60	3.78	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	17.20	ppb
Bismuth	209-1				114		%
Bismuth	209-2				106		%
Boron	10-1	5.01	4.93	4.91	4.95	1.08	ppb
Boron	11-1	5.14	4.64	5.45	5.08	8.00	ppb
Cadmium	111-1	0.03	0.13	0.11	0.09	57.41	ppb
Cadmium	106-1	-1.60	-0.68	-1.24	-1.17		ppb
Cadmium	108-1	0.24	0.20	0.34	0.26	27.08	ppb
Calcium	43-1	1755.80	1650.30	1761.38	1722.49	3.63	ppb
Calcium	44-1	1762.22	1742.78	1777.05	1760.68	0.98	ppb
Chromium	52-2	1.74	2.00	1.88	1.87	7.03	ppb
Cobalt	59-2	1.03	1.04	1.04	1.04	0.47	ppb
Copper	63-2	12.03	12.12	12.15	12.10	0.50	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				111		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	598.71	589.43	598.63	595.59	0.90	ppb
Iron	57-2	579.95	569.79	613.62	587.79	3.90	ppb
Lead	206-1	47.14	46.98	47.19	47.10	0.23	ppb
Lead	207-1	43.21	42.60	43.03	42.94	0.74	ppb
Lead	208-1	45.22	44.76	45.00	44.99	0.52	ppb
Lithium	6-1				110		%
Magnesium	24-2	174.73	190.88	179.52	181.71	4.57	ppb
Manganese	55-2	15.76	14.12	14.77	14.88	5.52	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:22:19	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.14	0.12	0.13	11.55	ppb
Molybdenum	95-1	0.07	0.08	0.09	0.08	10.12	ppb
Molybdenum	96-1	0.08	0.09	0.10	0.09	11.19	ppb
Molybdenum	97-1	0.05	0.08	0.12	0.08	41.07	ppb
Molybdenum	98-1	0.07	0.08	0.10	0.08	20.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.81	0.90	0.88	7.75	ppb
Phosphorus	31-2	23.38	3.51	3.90	10.26	110.73	ppb
Potassium	39-2	22.17	17.60	35.33	25.03	36.78	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	77-2	-1.71	-1.71	-1.71	-1.71		ppb
Selenium	78-2	-0.01	0.80	1.63	0.81	101.98	ppb
Selenium	82-1	0.67	0.66	0.12	0.48	64.63	ppb
Silicon	28-1	91.50	88.72	95.40	91.87	3.65	ppb
Silver	109-1	0.05	0.07	0.06	0.06	18.83	ppb
Silver	107-1	0.07	0.07	0.06	0.07	11.60	ppb
Sodium	23-2	48.89	54.38	47.59	50.29	7.17	ppb
Strontium	86-1	8.80	8.75	8.61	8.72	1.13	ppb
Strontium	88-1	8.75	9.04	9.04	8.94	1.87	ppb
Sulfur	34-1	-2015.70	-2350.82	-1858.49	-2075.00		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	0.02	0.02	30.64	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.24	ppb
Tin	118-1	2.39	2.39	2.57	2.45	4.19	ppb
Titanium	47-1	12.28	12.23	12.56	12.36	1.46	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.08	ppb
Vanadium	51-2	1.54	1.49	1.60	1.54	3.45	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	22.72	23.06	22.51	22.76	1.22	ppb
Zirconium	90-1	0.17	0.16	0.15	0.16	3.90	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:22:19	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.13	0.17	0.16	14.66	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:25:28	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47492.49	48129.78	47082.62	47568.30	1.11	ppb
Antimony	121-1	514.96	512.70	512.98	513.54	0.24	ppb
Arsenic	75-2	513.86	503.25	502.30	506.47	1.27	ppb
Barium	135-1	2607.58	2586.83	2574.21	2589.54	0.65	ppb
Barium	137-1	2591.34	2555.47	2547.27	2564.69	0.91	ppb
Beryllium	9-1	512.79	502.21	503.78	506.26	1.13	ppb
Bismuth	209-1				107		%
Bismuth	209-2				96		%
Boron	10-1	483.47	493.04	505.02	493.84	2.19	ppb
Boron	11-1	507.37	497.99	511.82	505.72	1.40	ppb
Cadmium	111-1	496.21	496.24	492.72	495.06	0.41	ppb
Cadmium	106-1	493.46	499.91	499.52	497.63	0.73	ppb
Cadmium	108-1	498.54	503.48	500.64	500.88	0.49	ppb
Calcium	43-1	241540.49	235700.83	236908.99	238050.10	1.29	ppb
Calcium	44-1	236095.32	232914.88	236161.91	235057.37	0.79	ppb
Chromium	52-2	521.55	508.44	508.06	512.68	1.50	ppb
Cobalt	59-2	492.59	488.73	488.19	489.84	0.49	ppb
Copper	63-2	987.61	971.41	972.28	977.10	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	118869.86	117421.40	117319.91	117870.39	0.74	ppb
Iron	57-2	118789.34	116453.29	117692.38	117645.01	0.99	ppb
Lead	206-1	523.52	519.74	518.71	520.66	0.49	ppb
Lead	207-1	519.34	515.96	519.02	518.11	0.36	ppb
Lead	208-1	524.60	517.73	516.28	519.53	0.86	ppb
Lithium	6-1				106		%
Magnesium	24-2	237414.78	237691.90	233750.12	236285.60	0.93	ppb
Manganese	55-2	1020.33	1012.88	1004.26	1012.49	0.79	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:25:28	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	519.64	512.01	515.72	515.79	0.74	ppb
Molybdenum	95-1	518.63	513.69	509.76	514.02	0.86	ppb
Molybdenum	96-1	524.96	517.54	520.66	521.05	0.72	ppb
Molybdenum	97-1	510.70	503.00	504.24	505.98	0.82	ppb
Molybdenum	98-1	517.96	516.53	525.65	520.05	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.59	496.87	498.18	498.21	0.27	ppb
Phosphorus	31-2	10917.50	10691.08	9609.38	10405.99	6.72	ppb
Potassium	39-2	122071.05	119079.55	118409.33	119853.31	1.63	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	77-2	440.40	359.58	498.38	432.79	16.11	ppb
Selenium	78-2	483.85	496.60	476.36	485.61	2.11	ppb
Selenium	82-1	503.36	500.20	501.42	501.66	0.32	ppb
Silicon	28-1	509.44	510.91	510.51	510.29	0.15	ppb
Silver	109-1	505.91	507.57	504.53	506.00	0.30	ppb
Silver	107-1	509.05	507.89	499.73	505.56	1.00	ppb
Sodium	23-2	240013.01	238266.60	235558.62	237946.08	0.94	ppb
Strontium	86-1	519.87	515.34	515.34	516.85	0.51	ppb
Strontium	88-1	531.77	518.83	521.25	523.95	1.31	ppb
Sulfur	34-1	9804.46	9282.78	9220.33	9435.85	3.40	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	530.14	523.46	515.75	523.11	1.38	ppb
Thallium	205-1	527.13	516.93	510.26	518.11	1.64	ppb
Tin	118-1	515.56	514.00	511.94	513.83	0.35	ppb
Titanium	47-1	511.38	503.13	499.86	504.79	1.18	ppb
Uranium	238-1	532.80	522.36	519.88	525.02	1.31	ppb
Vanadium	51-2	517.85	513.54	507.09	512.82	1.06	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	991.00	979.78	975.17	981.99	0.83	ppb
Zirconium	90-1	518.34	511.24	513.88	514.48	0.70	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:25:28	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	521.70	508.47	507.75	512.64	1.53	ppb

LB Number : LB90902 Operator : Jaswal
 Lab Sample ID : CCB068 Instrumnet Name : P8
 Client Sample ID : CCB068 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-16 14:28:27 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.27	1.51	3.65	2.81	40.55	ppb
Antimony	121-1	0.24	0.26	0.30	0.26	12.88	ppb
Arsenic	75-2	0.08	0.01	0.08	0.06	69.82	ppb
Barium	135-1	0.03	0.01	0.01	0.02	77.26	ppb
Barium	137-1	0.04	0.04	0.05	0.04	15.45	ppb
Beryllium	9-1	0.09	0.08	0.12	0.09	25.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				92		%
Boron	10-1	14.81	13.80	14.07	14.23	3.67	ppb
Boron	11-1	15.20	13.34	14.70	14.41	6.69	ppb
Cadmium	111-1	-0.06	-0.06	-0.09	-0.07		ppb
Cadmium	106-1	-1.32	-1.29	-1.53	-1.38		ppb
Cadmium	108-1	0.05	-0.01	0.07	0.04	121.78	ppb
Calcium	43-1	-35.02	-39.76	-34.22	-36.33		ppb
Calcium	44-1	0.00	-1.34	4.75	1.13	282.09	ppb
Chromium	52-2	0.10	0.03	-0.07	0.02	468.61	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	0.12	0.13	0.09	0.11	18.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				88		%
Iron	56-2	3.52	2.75	2.73	3.00	14.95	ppb
Iron	57-2	3.29	1.19	1.01	1.83	69.13	ppb
Lead	206-1	0.15	0.17	0.21	0.18	16.96	ppb
Lead	207-1	0.18	0.16	0.20	0.18	11.71	ppb
Lead	208-1	0.16	0.17	0.20	0.18	10.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.40	4.67	7.87	5.98	28.06	ppb
Manganese	55-2	0.00	0.08	-0.03	0.02	374.80	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:28:27	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.08	0.08	0.07	10.39	ppb
Molybdenum	95-1	0.20	0.14	0.15	0.17	18.67	ppb
Molybdenum	96-1	0.16	0.17	0.13	0.15	14.49	ppb
Molybdenum	97-1	0.13	0.16	0.21	0.17	25.65	ppb
Molybdenum	98-1	0.16	0.17	0.13	0.15	14.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.01	0.03	0.02	114.16	ppb
Phosphorus	31-2	8.06	6.92	-16.26	-0.43		ppb
Potassium	39-2	35.88	35.73	0.87	24.16	83.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				86		%
Selenium	77-2	-1.71	-1.71	8.77	1.78	338.78	ppb
Selenium	78-2	1.17	-0.82	0.02	0.12	812.70	ppb
Selenium	82-1	0.32	-0.12	0.42	0.21	140.08	ppb
Silicon	28-1	-17.94	-19.44	-7.07	-14.82		ppb
Silver	109-1	0.04	0.06	0.05	0.05	22.13	ppb
Silver	107-1	0.05	0.05	0.06	0.05	8.70	ppb
Sodium	23-2	63.82	47.32	33.55	48.23	31.42	ppb
Strontium	86-1	0.02	0.01	0.00	0.01	113.32	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	23.76	ppb
Sulfur	34-1	-1268.91	-1282.26	417.91	-711.09		ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	0.12	0.10	0.11	0.11	12.16	ppb
Thallium	205-1	0.12	0.10	0.11	0.11	6.67	ppb
Tin	118-1	0.04	0.06	0.07	0.06	23.18	ppb
Titanium	47-1	0.03	0.03	0.02	0.03	27.21	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.16	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	16.60	ppb
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	0.07	0.16	0.31	0.18	68.25	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	11.20	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:28:27	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.05	0.04	24.26	ppb

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:29:25	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	17	50	75	47	61.97	cps
Arsenic	75-2	2	0	7	3	124.95	cps
Barium	135-1	33	83	50	56	45.83	cps
Barium	137-1	67	58	125	83	43.59	cps
Beryllium	9-1	33	22	33	30	21.65	cps
Bismuth	209-1	5911027	5951253	5884094	5915458	0.57	cps
Bismuth	209-2	1674791	1674857	1677738	1675795	0.10	cps
Boron	10-1	83	33	67	61	41.67	cps
Boron	11-1	292	308	325	308	5.41	cps
Cadmium	111-1	1118	1202	1324	1215	8.52	cps
Cadmium	106-1	1600	1725	1892	1739	8.42	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	2150	2234	2050	2145	4.28	cps
Calcium	44-1	16018	16694	16127	16280	2.23	cps
Chromium	52-2	527	483	497	502	4.42	cps
Cobalt	59-2	70	80	63	71	11.80	cps
Copper	63-2	153	160	170	161	5.20	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	42	83	58	37.80	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	13	33	13	20	57.74	cps
Holmium	165-1	9538258	9521433	9524407	9528032	0.09	cps
Holmium	165-2	2117963	2088928	2082753	2096548	0.90	cps
Indium	115-1	7820034	7824852	7761859	7802248	0.45	cps
Indium	115-2	357861	355138	354409	355803	0.51	cps
Iron	56-2	1461	1483	1600	1515	4.93	cps
Iron	57-2	39	78	67	61	32.78	cps
Lead	206-1	456	411	339	402	14.65	cps
Lead	207-1	433	394	367	398	8.41	cps
Lead	208-1	1850	1678	1550	1693	8.89	cps
Lithium	6-1	1225669	1212599	1227313	1221860	0.66	cps
Magnesium	24-2	117	108	125	117	7.14	cps
Manganese	55-2	53	20	13	29	74.19	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:29:25	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	192	192	211	15.95	cps
Molybdenum	95-1	8	8	42	19	99.00	cps
Molybdenum	96-1	83	50	67	67	25.00	cps
Molybdenum	97-1	25	0	42	22	94.38	cps
Molybdenum	98-1	25	8	50	28	75.51	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	93	107	107	102	7.53	cps
Phosphorus	31-2	0	42	0	14	173.21	cps
Potassium	39-2	2634	2817	2875	2775	4.55	cps
Rhodium	103-1	7264763	7329217	7373777	7322586	0.75	cps
Rhodium	103-2	1963369	1933412	1932148	1942977	0.91	cps
Scandium	45-1	4336032	4379926	4306806	4340921	0.85	cps
Scandium	45-2	39827	40054	39984	39955	0.29	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	4	-14	-62	-24	-144.89	cps
Silicon	28-1	386696	384511	383892	385033	0.38	cps
Silver	109-1	58	67	25	50	44.10	cps
Silver	107-1	33	67	58	53	32.88	cps
Sodium	23-2	8536	8770	8553	8620	1.51	cps
Strontium	86-1	525	467	525	506	6.66	cps
Strontium	88-1	317	350	317	328	5.87	cps
Sulfur	34-1	366663	365631	367978	366757	0.32	cps
Terbium	159-1	10003865	9827215	9904924	9912001	0.89	cps
Terbium	159-2	2003152	2041809	1997610	2014190	1.20	cps
Thallium	203-1	83	42	33	53	50.76	cps
Thallium	205-1	183	183	133	167	17.32	cps
Tin	118-1	717	900	708	775	13.98	cps
Titanium	47-1	158	133	100	131	22.42	cps
Uranium	238-1	75	58	108	81	31.60	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	8135467	8139892	8139325	8138228	0.03	cps
Yttrium	89-2	262523	258814	261083	260807	0.72	cps
Zinc	66-2	60	97	63	73	27.65	cps
Zirconium	90-1	483	508	708	567	21.76	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:29:25	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	133	133	122	15.75	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:36:21	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	192	133	150	24.22	cps
Antimony	121-1	16202	16210	15993	16135	0.76	cps
Arsenic	75-2	94	91	91	92	2.33	cps
Barium	135-1	16795	17212	17412	17140	1.84	cps
Barium	137-1	28916	28682	28465	28688	0.79	cps
Beryllium	9-1	1045	1017	1100	1054	4.03	cps
Bismuth	209-1	6289779	6367442	6318516	6325245	0.62	cps
Bismuth	209-2	1778336	1794377	1794396	1789036	0.52	cps
Boron	10-1	2934	2900	2759	2864	3.24	cps
Boron	11-1	13624	13791	14108	13841	1.78	cps
Cadmium	111-1	2967	2941	2969	2959	0.53	cps
Cadmium	106-1	1959	1834	1842	1878	3.72	cps
Cadmium	108-1	125	121	113	119	5.33	cps
Calcium	43-1	10296	9712	9820	9943	3.12	cps
Calcium	44-1	151638	150195	152910	151581	0.90	cps
Chromium	52-2	2134	2240	2220	2198	2.58	cps
Cobalt	59-2	1897	1867	1773	1846	3.49	cps
Copper	63-2	3174	3190	3200	3188	0.42	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	50	75	64	19.92	cps
Erbium	164-2	20	3	3	9	108.30	cps
Gadolinium	160-1	67	100	58	75	29.40	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	9977560	10072934	10061697	10037397	0.52	cps
Holmium	165-2	2213834	2240810	2212008	2222217	0.73	cps
Indium	115-1	8134762	8255899	8257647	8216102	0.86	cps
Indium	115-2	370731	372503	366911	370048	0.77	cps
Iron	56-2	28335	27812	28279	28142	1.02	cps
Iron	57-2	661	733	783	726	8.46	cps
Lead	206-1	5329	5401	5624	5451	2.82	cps
Lead	207-1	4673	4823	4801	4766	1.70	cps
Lead	208-1	22097	21675	22169	21980	1.22	cps
Lithium	6-1	1263795	1284338	1274784	1274306	0.81	cps
Magnesium	24-2	14917	14566	14199	14561	2.46	cps
Manganese	55-2	273	253	307	278	9.70	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:36:21	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14492	14216	13424	14044	3.95	cps
Molybdenum	95-1	15810	16235	16652	16233	2.60	cps
Molybdenum	96-1	18155	18881	18839	18625	2.19	cps
Molybdenum	97-1	10254	11055	10555	10621	3.81	cps
Molybdenum	98-1	26527	27262	27253	27014	1.56	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	590	620	620	610	2.84	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	11355	11172	10196	10907	5.71	cps
Rhodium	103-1	7719313	7707219	7671874	7699469	0.32	cps
Rhodium	103-2	2097448	2071888	2077717	2082351	0.64	cps
Scandium	45-1	4590462	4584656	4582068	4585729	0.09	cps
Scandium	45-2	41368	41297	40736	41134	0.84	cps
Selenium	77-2	13	0	0	4	173.21	cps
Selenium	78-2	17	9	7	11	44.09	cps
Selenium	82-1	578	557	601	579	3.79	cps
Silicon	28-1	444010	443327	445973	444437	0.31	cps
Silver	109-1	8095	8878	8178	8384	5.13	cps
Silver	107-1	8420	8661	9095	8725	3.92	cps
Sodium	23-2	42230	41879	43267	42459	1.70	cps
Strontium	86-1	2675	2984	2650	2770	6.70	cps
Strontium	88-1	19047	19256	18638	18981	1.65	cps
Sulfur	34-1	372818	376116	378015	375650	0.70	cps
Terbium	159-1	10487286	10561734	10543732	10530917	0.37	cps
Terbium	159-2	2148605	2161759	2146865	2152410	0.38	cps
Thallium	203-1	5852	5935	6193	5993	2.97	cps
Thallium	205-1	14526	15861	14692	15026	4.84	cps
Tin	118-1	28030	27479	28406	27972	1.67	cps
Titanium	47-1	4259	4834	4459	4518	6.46	cps
Uranium	238-1	18506	18556	18706	18590	0.56	cps
Vanadium	51-2	2904	2844	2900	2883	1.17	cps
Yttrium	89-1	8525692	8597474	8579603	8567590	0.44	cps
Yttrium	89-2	274416	273385	270044	272615	0.84	cps
Zinc	66-2	347	283	347	326	11.23	cps
Zirconium	90-1	12298	12448	11989	12245	1.91	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:36:21	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2684	2609	2900	2731	5.55	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:39:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6493	6577	6769	6613	2.13	cps
Antimony	121-1	454524	457626	453962	455370	0.43	cps
Arsenic	75-2	5244	5205	5233	5227	0.38	cps
Barium	135-1	475880	475039	476407	475775	0.15	cps
Barium	137-1	828638	836337	826524	830500	0.62	cps
Beryllium	9-1	59205	58564	58028	58599	1.01	cps
Bismuth	209-1	6317863	6375338	6392481	6361894	0.61	cps
Bismuth	209-2	1781147	1769785	1780739	1777224	0.36	cps
Boron	10-1	6668	7152	6869	6896	3.52	cps
Boron	11-1	30976	31068	31636	31227	1.14	cps
Cadmium	111-1	100436	98391	100998	99941	1.37	cps
Cadmium	106-1	11906	11631	12148	11895	2.17	cps
Cadmium	108-1	7065	7073	7031	7056	0.31	cps
Calcium	43-1	95036	96405	95508	95650	0.73	cps
Calcium	44-1	1554938	1543923	1572434	1557098	0.92	cps
Chromium	52-2	44996	45394	44965	45118	0.53	cps
Cobalt	59-2	96229	96079	96082	96130	0.09	cps
Copper	63-2	166396	167735	165003	166378	0.82	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	25	75	56	48.22	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	67	75	117	86	31.11	cps
Gadolinium	160-2	20	3	23	16	68.90	cps
Holmium	165-1	10249591	10107834	10235858	10197761	0.77	cps
Holmium	165-2	2226073	2235622	2233814	2231836	0.23	cps
Indium	115-1	8285069	8267941	8234955	8262655	0.31	cps
Indium	115-2	373133	371595	368706	371145	0.61	cps
Iron	56-2	1517060	1518932	1521854	1519282	0.16	cps
Iron	57-2	36688	38292	37674	37551	2.15	cps
Lead	206-1	276164	274396	276127	275562	0.37	cps
Lead	207-1	249207	251009	249145	249787	0.42	cps
Lead	208-1	1117665	1120183	1119998	1119282	0.13	cps
Lithium	6-1	1284724	1288779	1299543	1291015	0.59	cps
Magnesium	24-2	163649	160783	161498	161977	0.92	cps
Manganese	55-2	25660	25096	24271	25009	2.79	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:39:51	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	356241	355113	356672	356009	0.23	cps
Molybdenum	95-1	191168	190004	190703	190625	0.31	cps
Molybdenum	96-1	243473	242770	243941	243395	0.24	cps
Molybdenum	97-1	117119	119692	115741	117517	1.71	cps
Molybdenum	98-1	305439	304301	305024	304921	0.19	cps
Neodymium	150-1	67	27	53	49	41.66	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	28075	28392	28700	28389	1.10	cps
Phosphorus	31-2	442	458	375	425	10.38	cps
Potassium	39-2	48936	50224	47690	48950	2.59	cps
Rhodium	103-1	7692354	7680734	7654618	7675902	0.25	cps
Rhodium	103-2	2083692	2088625	2051995	2074771	0.96	cps
Scandium	45-1	4602668	4589843	4645485	4612665	0.63	cps
Scandium	45-2	41381	41923	41695	41666	0.65	cps
Selenium	77-2	53	40	20	38	44.41	cps
Selenium	78-2	106	133	113	117	12.27	cps
Selenium	82-1	6091	5949	6075	6039	1.29	cps
Silicon	28-1	609078	610169	607871	609039	0.19	cps
Silver	109-1	459313	459106	466160	461526	0.87	cps
Silver	107-1	488868	484735	483899	485834	0.55	cps
Sodium	23-2	394576	392233	391327	392712	0.43	cps
Strontium	86-1	121756	120730	121494	121327	0.44	cps
Strontium	88-1	1057832	1057611	1056575	1057340	0.06	cps
Sulfur	34-1	408431	412328	414937	411899	0.79	cps
Terbium	159-1	10632065	10538959	10666609	10612545	0.62	cps
Terbium	159-2	2200749	2203758	2181098	2195201	0.56	cps
Thallium	203-1	336863	338176	339253	338097	0.35	cps
Thallium	205-1	804400	805959	812171	807510	0.51	cps
Tin	118-1	314197	313975	310369	312847	0.69	cps
Titanium	47-1	49330	49096	49154	49193	0.25	cps
Uranium	238-1	1058739	1059828	1074076	1064214	0.80	cps
Vanadium	51-2	33006	32989	32441	32812	0.98	cps
Yttrium	89-1	8639717	8619613	8625865	8628398	0.12	cps
Yttrium	89-2	276577	275012	272477	274689	0.75	cps
Zinc	66-2	14651	14731	14531	14638	0.69	cps
Zirconium	90-1	675705	684935	678272	679637	0.70	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:39:51	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150490	150079	152893	151154	1.01	cps

LB Number : LB90902 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-16 12:43:18 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17436	15643	15968	16349	5.85	cps
Antimony	121-1	1154740	1152077	1151200	1152672	0.16	cps
Arsenic	75-2	13197	12919	12951	13022	1.17	cps
Barium	135-1	1202221	1199807	1202527	1201519	0.12	cps
Barium	137-1	2113474	2134820	2123250	2123848	0.50	cps
Beryllium	9-1	146224	144635	145932	145597	0.58	cps
Bismuth	209-1	6469895	6423257	6485260	6459471	0.50	cps
Bismuth	209-2	1787090	1779030	1759684	1775268	0.79	cps
Boron	10-1	16035	16218	17311	16521	4.18	cps
Boron	11-1	75398	76756	79060	77071	2.40	cps
Cadmium	111-1	248119	249912	246736	248256	0.64	cps
Cadmium	106-1	27387	26435	26878	26900	1.77	cps
Cadmium	108-1	17366	18129	17457	17651	2.36	cps
Calcium	43-1	236285	233362	235076	234907	0.63	cps
Calcium	44-1	3837640	3845941	3819893	3834491	0.35	cps
Chromium	52-2	108563	111392	110384	110113	1.30	cps
Cobalt	59-2	235704	238014	235415	236378	0.60	cps
Copper	63-2	410980	409306	409259	409848	0.24	cps
Dysprosium	156-1	42	25	58	42	40.00	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	58	58	50	28.88	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	100	92	67	86	20.15	cps
Gadolinium	160-2	30	13	10	18	60.28	cps
Holmium	165-1	10366378	10357379	10353472	10359076	0.06	cps
Holmium	165-2	2228963	2230772	2228043	2229259	0.06	cps
Indium	115-1	8359966	8310428	8281503	8317299	0.48	cps
Indium	115-2	372027	364755	362949	366577	1.31	cps
Iron	56-2	3754094	3757111	3771081	3760762	0.24	cps
Iron	57-2	93507	92813	94586	93635	0.95	cps
Lead	206-1	696059	700313	701398	699257	0.40	cps
Lead	207-1	635244	634047	637638	635643	0.29	cps
Lead	208-1	2840503	2847875	2863262	2850546	0.41	cps
Lithium	6-1	1301371	1288758	1286682	1292270	0.62	cps
Magnesium	24-2	398334	404197	402303	401611	0.74	cps
Manganese	55-2	61136	62071	61602	61603	0.76	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:43:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	890787	886677	893896	890453	0.41	cps
Molybdenum	95-1	476844	478019	477307	477390	0.12	cps
Molybdenum	96-1	610014	617628	618579	615407	0.76	cps
Molybdenum	97-1	296759	296917	295251	296309	0.31	cps
Molybdenum	98-1	765763	772858	772159	770260	0.51	cps
Neodymium	150-1	73	60	67	67	10.00	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	70498	69395	69680	69858	0.82	cps
Phosphorus	31-2	1175	1292	1292	1253	5.38	cps
Potassium	39-2	117016	116109	115780	116302	0.55	cps
Rhodium	103-1	7734862	7663204	7641271	7679779	0.64	cps
Rhodium	103-2	2053385	2034681	2062671	2050246	0.70	cps
Scandium	45-1	4606555	4603167	4633908	4614543	0.37	cps
Scandium	45-2	40986	41023	40194	40735	1.15	cps
Selenium	77-2	90	57	103	83	28.84	cps
Selenium	78-2	298	304	317	306	3.10	cps
Selenium	82-1	14941	15350	15093	15128	1.36	cps
Silicon	28-1	944914	946285	953753	948317	0.50	cps
Silver	109-1	1156006	1156319	1148441	1153589	0.39	cps
Silver	107-1	1214782	1214991	1217604	1215792	0.13	cps
Sodium	23-2	955547	960223	953968	956579	0.34	cps
Strontium	86-1	306674	306271	303495	305480	0.57	cps
Strontium	88-1	2651791	2690560	2646798	2663050	0.90	cps
Sulfur	34-1	456633	453244	458198	456025	0.56	cps
Terbium	159-1	10690503	10760822	10637224	10696183	0.58	cps
Terbium	159-2	2190417	2159746	2164050	2171404	0.76	cps
Thallium	203-1	857268	858322	865101	860231	0.49	cps
Thallium	205-1	2085988	2089753	2093135	2089625	0.17	cps
Tin	118-1	788060	795728	784812	789533	0.71	cps
Titanium	47-1	123886	121835	122490	122737	0.85	cps
Uranium	238-1	2774673	2758808	2807009	2780163	0.88	cps
Vanadium	51-2	80818	81401	81160	81126	0.36	cps
Yttrium	89-1	8620460	8684592	8651075	8652043	0.37	cps
Yttrium	89-2	274235	272178	270299	272237	0.72	cps
Zinc	66-2	35943	35756	36231	35977	0.66	cps
Zirconium	90-1	1690101	1716740	1700554	1702465	0.79	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:43:18	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375349	380469	378628	378149	0.69	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:46:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32020	31478	32045	31848	1.01	cps
Antimony	121-1	2337684	2358921	2327351	2341318	0.69	cps
Arsenic	75-2	25869	25438	25585	25631	0.85	cps
Barium	135-1	2430727	2428628	2408511	2422622	0.51	cps
Barium	137-1	4238749	4208647	4206292	4217896	0.43	cps
Beryllium	9-1	289131	287757	287213	288033	0.34	cps
Bismuth	209-1	6395883	6443114	6533297	6457432	1.08	cps
Bismuth	209-2	1727615	1717405	1724420	1723147	0.30	cps
Boron	10-1	33407	34142	34242	33930	1.34	cps
Boron	11-1	153857	154996	157540	155464	1.21	cps
Cadmium	111-1	489672	487894	484999	487522	0.48	cps
Cadmium	106-1	52077	52076	53574	52576	1.64	cps
Cadmium	108-1	33872	34169	34636	34226	1.13	cps
Calcium	43-1	466008	465066	469588	466887	0.51	cps
Calcium	44-1	7592388	7525244	7551697	7556443	0.45	cps
Chromium	52-2	215993	212706	213499	214066	0.80	cps
Cobalt	59-2	460342	459108	458167	459205	0.24	cps
Copper	63-2	801996	798136	800336	800156	0.24	cps
Dysprosium	156-1	33	58	58	50	28.88	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	17	50	8	25	88.19	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	100	108	58	89	30.13	cps
Gadolinium	160-2	10	20	30	20	50.00	cps
Holmium	165-1	10282207	10308667	10341216	10310697	0.29	cps
Holmium	165-2	2224307	2193445	2175734	2197828	1.12	cps
Indium	115-1	8152566	8259109	8232507	8214727	0.68	cps
Indium	115-2	355579	354284	354503	354789	0.20	cps
Iron	56-2	7370729	7267333	7315307	7317790	0.71	cps
Iron	57-2	183215	183661	180081	182319	1.07	cps
Lead	206-1	1402129	1391914	1405524	1399856	0.51	cps
Lead	207-1	1262959	1270840	1278052	1270617	0.59	cps
Lead	208-1	5747158	5755963	5780143	5761088	0.30	cps
Lithium	6-1	1302655	1309484	1300563	1304234	0.36	cps
Magnesium	24-2	781891	781744	776050	779895	0.43	cps
Manganese	55-2	120588	118517	120161	119756	0.91	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:46:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1831503	1821863	1792385	1815250	1.12	cps
Molybdenum	95-1	954156	950729	955363	953416	0.25	cps
Molybdenum	96-1	1225137	1228523	1222653	1225438	0.24	cps
Molybdenum	97-1	594893	597227	591549	594556	0.48	cps
Molybdenum	98-1	1570428	1565941	1580067	1572145	0.46	cps
Neodymium	150-1	113	140	100	118	17.30	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	135289	136447	134135	135290	0.85	cps
Phosphorus	31-2	2192	2459	2209	2286	6.53	cps
Potassium	39-2	223254	221751	219849	221618	0.77	cps
Rhodium	103-1	7555559	7527916	7572910	7552128	0.30	cps
Rhodium	103-2	2011201	2030904	2033172	2025093	0.60	cps
Scandium	45-1	4607054	4635929	4614606	4619196	0.32	cps
Scandium	45-2	40438	39783	39633	39951	1.07	cps
Selenium	77-2	180	167	197	181	8.30	cps
Selenium	78-2	626	637	576	613	5.31	cps
Selenium	82-1	30164	30244	30021	30143	0.37	cps
Silicon	28-1	1359050	1382340	1364297	1368562	0.89	cps
Silver	109-1	2338709	2331872	2348749	2339777	0.36	cps
Silver	107-1	2460928	2444686	2443593	2449736	0.40	cps
Sodium	23-2	1896313	1887032	1878504	1887283	0.47	cps
Strontium	86-1	605887	609090	609585	608187	0.33	cps
Strontium	88-1	5298970	5259019	5281175	5279721	0.38	cps
Sulfur	34-1	516834	513604	514180	514873	0.33	cps
Terbium	159-1	10685499	10690304	10755618	10710474	0.37	cps
Terbium	159-2	2118544	2128613	2100348	2115835	0.68	cps
Thallium	203-1	1765151	1765536	1746415	1759034	0.62	cps
Thallium	205-1	4211962	4156999	4205153	4191371	0.71	cps
Tin	118-1	1594730	1597579	1579062	1590457	0.63	cps
Titanium	47-1	245651	241675	245584	244304	0.93	cps
Uranium	238-1	5590362	5601054	5563315	5584910	0.35	cps
Vanadium	51-2	159219	158693	160790	159568	0.68	cps
Yttrium	89-1	8532105	8586065	8586843	8568338	0.37	cps
Yttrium	89-2	266377	265537	263495	265136	0.56	cps
Zinc	66-2	70123	70662	69902	70229	0.56	cps
Zirconium	90-1	3421290	3389616	3398526	3403144	0.48	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:46:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	757807	754156	753173	755045	0.32	cps

LB Number : LB90902 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2017-10-16 12:49:59 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59007	58471	58898	58792	0.48	cps
Antimony	121-1	4443583	4521557	4564180	4509773	1.36	cps
Arsenic	75-2	48451	48262	48527	48414	0.28	cps
Barium	135-1	4666035	4668692	4779636	4704788	1.38	cps
Barium	137-1	8044607	8174113	8232908	8150542	1.18	cps
Beryllium	9-1	551177	553840	555543	553520	0.40	cps
Bismuth	209-1	6512954	6553510	6649728	6572064	1.07	cps
Bismuth	209-2	1666831	1673710	1658628	1666390	0.45	cps
Boron	10-1	64227	64889	64973	64696	0.63	cps
Boron	11-1	297729	303004	309030	303255	1.86	cps
Cadmium	111-1	935006	948505	955217	946243	1.09	cps
Cadmium	106-1	97325	99785	99432	98847	1.35	cps
Cadmium	108-1	65563	66924	67137	66541	1.28	cps
Calcium	43-1	898682	914422	925153	912752	1.46	cps
Calcium	44-1	14762052	14952056	14890730	14868279	0.65	cps
Chromium	52-2	403138	400048	395921	399702	0.91	cps
Cobalt	59-2	868187	865594	858225	864002	0.60	cps
Copper	63-2	1525436	1518453	1503158	1515683	0.75	cps
Dysprosium	156-1	75	75	125	92	31.50	cps
Dysprosium	156-2	23	13	20	19	26.96	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	150	167	125	147	14.24	cps
Gadolinium	160-2	37	30	23	30	22.23	cps
Holmium	165-1	10208984	10363613	10449865	10340821	1.18	cps
Holmium	165-2	2119485	2133375	2115879	2122913	0.44	cps
Indium	115-1	7917106	8113630	8039220	8023319	1.24	cps
Indium	115-2	335982	333306	332151	333813	0.59	cps
Iron	56-2	13734594	13724031	13544202	13667609	0.78	cps
Iron	57-2	345638	342642	342480	343587	0.52	cps
Lead	206-1	2852872	2873939	2871576	2866129	0.40	cps
Lead	207-1	2614728	2652259	2666265	2644417	1.01	cps
Lead	208-1	11550209	11687497	11769425	11669044	0.95	cps
Lithium	6-1	1288317	1310236	1307644	1302066	0.92	cps
Magnesium	24-2	1489133	1494966	1452164	1478754	1.57	cps
Manganese	55-2	224598	224819	224016	224478	0.18	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:49:59	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3459892	3499530	3530244	3496555	1.01	cps
Molybdenum	95-1	1861740	1911749	1901447	1891645	1.40	cps
Molybdenum	96-1	2389229	2443796	2466788	2433271	1.64	cps
Molybdenum	97-1	1131329	1151672	1155568	1146190	1.14	cps
Molybdenum	98-1	2969668	3044367	3099200	3037745	2.14	cps
Neodymium	150-1	253	180	187	207	19.62	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	253964	251695	250548	252069	0.69	cps
Phosphorus	31-2	4309	4251	4226	4262	1.00	cps
Potassium	39-2	400431	403114	400794	401446	0.36	cps
Rhodium	103-1	7275911	7446228	7454350	7392163	1.36	cps
Rhodium	103-2	1953660	1933602	1937984	1941749	0.54	cps
Scandium	45-1	4530752	4541237	4552729	4541573	0.24	cps
Scandium	45-2	38356	36942	37550	37616	1.89	cps
Selenium	77-2	277	263	297	279	6.02	cps
Selenium	78-2	1091	1082	1095	1089	0.61	cps
Selenium	82-1	57355	58411	58401	58056	1.05	cps
Silicon	28-1	2181210	2244494	2232434	2219379	1.51	cps
Silver	109-1	4403710	4451226	4481114	4445350	0.88	cps
Silver	107-1	4646387	4694637	4726429	4689151	0.86	cps
Sodium	23-2	3477562	3457517	3409441	3448174	1.02	cps
Strontium	86-1	1164120	1186127	1183100	1177782	1.01	cps
Strontium	88-1	9942612	10048141	10106499	10032417	0.83	cps
Sulfur	34-1	619752	625860	625411	623674	0.55	cps
Terbium	159-1	10597331	10694345	10775792	10689156	0.84	cps
Terbium	159-2	2076607	2071383	2062588	2070193	0.34	cps
Thallium	203-1	3492348	3477398	3542113	3503953	0.97	cps
Thallium	205-1	8209978	8261706	8383141	8284942	1.07	cps
Tin	118-1	3052845	3062339	3125310	3080165	1.28	cps
Titanium	47-1	476016	477480	478582	477359	0.27	cps
Uranium	238-1	11183261	11153324	11403020	11246535	1.21	cps
Vanadium	51-2	298704	299563	296779	298349	0.48	cps
Yttrium	89-1	8317579	8445495	8446721	8403265	0.88	cps
Yttrium	89-2	251411	251110	249127	250550	0.50	cps
Zinc	66-2	132085	130480	131429	131331	0.61	cps
Zirconium	90-1	6464685	6569396	6596191	6543424	1.06	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:49:59	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1471079	1495045	1489028	1485051	0.84	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:53:11	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108708	110393	110629	109910	0.95	cps
Antimony	121-1	8916974	8872481	8859312	8882922	0.34	cps
Arsenic	75-2	93150	92546	92162	92619	0.54	cps
Barium	135-1	9310186	9360189	9335338	9335238	0.27	cps
Barium	137-1	16283688	16336460	16337159	16319102	0.19	cps
Beryllium	9-1	1090529	1072181	1077225	1079979	0.88	cps
Bismuth	209-1	6659971	6709205	6676319	6681832	0.38	cps
Bismuth	209-2	1630599	1629931	1627728	1629420	0.09	cps
Boron	10-1	126814	127789	129825	128143	1.20	cps
Boron	11-1	581717	593504	598957	591393	1.49	cps
Cadmium	111-1	1866527	1874986	1867544	1869686	0.25	cps
Cadmium	106-1	192904	192802	193903	193203	0.31	cps
Cadmium	108-1	130608	130054	129195	129952	0.55	cps
Calcium	43-1	1817174	1812660	1823037	1817624	0.29	cps
Calcium	44-1	29155913	28983312	29158826	29099350	0.35	cps
Chromium	52-2	765546	766968	760043	764186	0.48	cps
Cobalt	59-2	1684099	1709786	1686195	1693360	0.84	cps
Copper	63-2	2873631	2898139	2827876	2866549	1.24	cps
Dysprosium	156-1	158	92	142	131	26.58	cps
Dysprosium	156-2	20	23	23	22	8.65	cps
Erbium	164-1	75	42	58	58	28.57	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	167	183	100	150	29.40	cps
Gadolinium	160-2	33	27	27	29	13.31	cps
Holmium	165-1	10618374	10580542	10587526	10595481	0.19	cps
Holmium	165-2	2120399	2127001	2089929	2112443	0.94	cps
Indium	115-1	7912970	8009391	7990144	7970835	0.64	cps
Indium	115-2	315940	315381	314442	315255	0.24	cps
Iron	56-2	26151841	26211423	26011844	26125036	0.39	cps
Iron	57-2	654962	659853	646687	653834	1.02	cps
Lead	206-1	5752616	5756383	5755307	5754768	0.03	cps
Lead	207-1	5317016	5311628	5335616	5321420	0.24	cps
Lead	208-1	23438174	23445216	23466902	23450098	0.06	cps
Lithium	6-1	1266955	1300603	1289466	1285675	1.33	cps
Magnesium	24-2	2778176	2760135	2742720	2760344	0.64	cps
Manganese	55-2	424259	430958	423202	426140	0.99	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:53:11	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6823482	6861606	6856511	6847200	0.30	cps
Molybdenum	95-1	3762622	3745115	3752918	3753552	0.23	cps
Molybdenum	96-1	4767186	4803364	4780232	4783594	0.38	cps
Molybdenum	97-1	2312157	2299826	2305295	2305759	0.27	cps
Molybdenum	98-1	5981047	5954255	5980577	5971960	0.26	cps
Neodymium	150-1	500	240	260	333	43.41	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	479385	480890	477386	479220	0.37	cps
Phosphorus	31-2	7219	7777	7669	7555	3.92	cps
Potassium	39-2	744720	753775	738195	745564	1.05	cps
Rhodium	103-1	7318819	7246076	7264017	7276304	0.52	cps
Rhodium	103-2	1878353	1894841	1867436	1880210	0.73	cps
Scandium	45-1	4507813	4464462	4404193	4458823	1.17	cps
Scandium	45-2	36300	36848	35448	36199	1.95	cps
Selenium	77-2	600	710	580	630	11.11	cps
Selenium	78-2	2024	2195	2065	2095	4.25	cps
Selenium	82-1	113708	114830	113838	114125	0.54	cps
Silicon	28-1	3769410	3771371	3792512	3777764	0.34	cps
Silver	109-1	8667037	8751211	8716641	8711630	0.49	cps
Silver	107-1	9071607	9064099	9026679	9054129	0.27	cps
Sodium	23-2	6345287	6402092	6352995	6366792	0.48	cps
Strontium	86-1	2384086	2342748	2385379	2370737	1.02	cps
Strontium	88-1	20115711	20209841	20270164	20198572	0.39	cps
Sulfur	34-1	850367	844479	852928	849258	0.51	cps
Terbium	159-1	10819394	10897607	10827742	10848247	0.40	cps
Terbium	159-2	2054521	2051350	2017425	2041099	1.01	cps
Thallium	203-1	7037799	7039562	7094101	7057154	0.45	cps
Thallium	205-1	16619370	16862660	16902435	16794821	0.91	cps
Tin	118-1	6078671	6076822	6098196	6084563	0.19	cps
Titanium	47-1	929719	932007	923480	928402	0.48	cps
Uranium	238-1	23006244	23573425	23416293	23331987	1.26	cps
Vanadium	51-2	573211	573747	568683	571880	0.49	cps
Yttrium	89-1	8467982	8431942	8427484	8442470	0.26	cps
Yttrium	89-2	244581	245833	241565	243993	0.90	cps
Zinc	66-2	252304	250659	247401	250121	1.00	cps
Zirconium	90-1	12959934	12995195	13022800	12992643	0.24	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:53:11	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2925446	2945891	2955076	2942138	0.52	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:56:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	626562	626942	631752	628419	0.46	cps
Antimony	121-1	10496	10897	10463	10619	2.27	cps
Arsenic	75-2	30	26	43	33	26.74	cps
Barium	135-1	2675	2775	2650	2700	2.45	cps
Barium	137-1	4659	4818	4726	4734	1.68	cps
Beryllium	9-1	278	244	328	283	14.80	cps
Bismuth	209-1	6261942	6313963	6228949	6268285	0.68	cps
Bismuth	209-2	1578157	1588722	1433764	1533547	5.65	cps
Boron	10-1	4759	4409	4176	4448	6.60	cps
Boron	11-1	22969	21008	19222	21066	8.90	cps
Cadmium	111-1	1509	1307	1558	1458	9.11	cps
Cadmium	106-1	1950	1650	1892	1831	8.69	cps
Cadmium	108-1	21	21	0	14	86.60	cps
Calcium	43-1	9653219	9682708	9656530	9664152	0.17	cps
Calcium	44-1	159228599	158855208	159892799	159325536	0.33	cps
Chromium	52-2	12309	12656	12799	12588	2.00	cps
Cobalt	59-2	1944	1977	2054	1991	2.83	cps
Copper	63-2	3831	3450	3577	3619	5.35	cps
Dysprosium	156-1	42	58	92	64	39.85	cps
Dysprosium	156-2	7	10	20	12	56.76	cps
Erbium	164-1	108	50	42	67	54.49	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	108	117	150	125	17.64	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	10489745	10580486	10445892	10505374	0.65	cps
Holmium	165-2	2174857	2181787	1971914	2109519	5.65	cps
Indium	115-1	7892732	7887499	7875153	7885128	0.11	cps
Indium	115-2	333788	335356	304580	324575	5.34	cps
Iron	56-2	137394217	137133434	138157034	137561561	0.39	cps
Iron	57-2	3461872	3538216	3506995	3502361	1.10	cps
Lead	206-1	6730	6863	6724	6772	1.16	cps
Lead	207-1	5813	5451	5857	5707	3.90	cps
Lead	208-1	26534	26128	26601	26421	0.97	cps
Lithium	6-1	1283293	1273748	1278444	1278495	0.37	cps
Magnesium	24-2	14896776	14901898	15123568	14974081	0.86	cps
Manganese	55-2	1857	1770	1893	1840	3.44	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:56:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6802	6727	6927	6819	1.48	cps
Molybdenum	95-1	10713	10288	9971	10324	3.61	cps
Molybdenum	96-1	13249	13073	13199	13174	0.68	cps
Molybdenum	97-1	6410	6527	6002	6313	4.37	cps
Molybdenum	98-1	16569	16786	15785	16380	3.22	cps
Neodymium	150-1	147	87	93	109	30.20	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	5281	5254	5081	5206	2.09	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	4175607	4174323	4266509	4205480	1.26	cps
Rhodium	103-1	7025655	7071503	7002710	7033289	0.50	cps
Rhodium	103-2	1887053	1861321	1694536	1814304	5.76	cps
Scandium	45-1	4523312	4551696	4565132	4546713	0.47	cps
Scandium	45-2	37935	38690	35021	37215	5.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	45	33	86	54	50.88	cps
Silicon	28-1	367178	359470	356052	360900	1.58	cps
Silver	109-1	858	1108	942	970	13.13	cps
Silver	107-1	1033	1108	925	1022	9.02	cps
Sodium	23-2	34944749	34998764	35500725	35148079	0.87	cps
Strontium	86-1	83875	83395	83120	83463	0.46	cps
Strontium	88-1	727091	727693	723821	726201	0.29	cps
Sulfur	34-1	336649	337922	341615	338729	0.76	cps
Terbium	159-1	10799829	10916152	10795755	10837246	0.63	cps
Terbium	159-2	2151403	2106589	1923199	2060397	5.87	cps
Thallium	203-1	3017	2817	2492	2775	9.55	cps
Thallium	205-1	6635	6335	6043	6338	4.67	cps
Tin	118-1	6152	6302	6577	6343	3.40	cps
Titanium	47-1	675	758	542	658	16.60	cps
Uranium	238-1	1809	1784	1942	1845	4.62	cps
Vanadium	51-2	127	117	117	120	4.81	cps
Yttrium	89-1	8407869	8460383	8450441	8439564	0.33	cps
Yttrium	89-2	258544	257573	235547	250555	5.19	cps
Zinc	66-2	883	910	843	879	3.82	cps
Zirconium	90-1	1884	1742	2150	1925	10.77	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 12:56:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	417	542	400	453	17.10	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:34:25	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3384	3367	3617	3456	4.05	cps
Antimony	121-1	1792857	1800799	1777737	1790464	0.65	cps
Arsenic	75-2	19714	19377	19976	19689	1.53	cps
Barium	135-1	185186	186428	183734	185116	0.73	cps
Barium	137-1	325815	330506	324854	327058	0.92	cps
Beryllium	9-1	112738	110907	111276	111641	0.87	cps
Bismuth	209-1	6606728	6672857	6685519	6655035	0.64	cps
Bismuth	209-2	1789049	1722448	1763091	1758196	1.91	cps
Boron	10-1	76604	77887	78532	77674	1.26	cps
Boron	11-1	360677	369299	366076	365351	1.19	cps
Cadmium	111-1	195771	195813	196714	196099	0.27	cps
Cadmium	106-1	31304	31805	32783	31964	2.35	cps
Cadmium	108-1	17119	17658	17295	17357	1.58	cps
Calcium	43-1	41604	41304	41328	41412	0.40	cps
Calcium	44-1	645208	655341	648543	649697	0.79	cps
Chromium	52-2	82944	81153	81683	81927	1.12	cps
Cobalt	59-2	180653	179672	180978	180434	0.38	cps
Copper	63-2	157174	155947	155657	156259	0.52	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	83	92	83	10.00	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	67	108	42	72	46.63	cps
Gadolinium	160-2	0	13	10	8	89.21	cps
Holmium	165-1	10367049	10427390	10471143	10421860	0.50	cps
Holmium	165-2	2190572	2173789	2186578	2183647	0.40	cps
Indium	115-1	8327111	8319470	8311540	8319374	0.09	cps
Indium	115-2	355339	350116	351181	352212	0.78	cps
Iron	56-2	566090	554005	561483	560526	1.09	cps
Iron	57-2	14430	13930	14169	14176	1.77	cps
Lead	206-1	1115385	1130584	1130252	1125407	0.77	cps
Lead	207-1	976697	987704	989252	984551	0.70	cps
Lead	208-1	4543730	4561520	4559172	4554807	0.21	cps
Lithium	6-1	1362777	1350613	1344988	1352793	0.67	cps
Magnesium	24-2	36255	37041	36749	36682	1.08	cps
Manganese	55-2	23126	22745	22889	22920	0.84	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:34:25	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3580650	3589837	3559991	3576826	0.43	cps
Molybdenum	95-1	1972123	1971570	1934457	1959383	1.10	cps
Molybdenum	96-1	2513312	2512275	2508448	2511345	0.10	cps
Molybdenum	97-1	1170310	1188498	1186751	1181853	0.85	cps
Molybdenum	98-1	3132987	3129040	3150895	3137640	0.37	cps
Neodymium	150-1	20	33	33	29	26.64	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	52837	53794	52766	53132	1.08	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	36749	37175	35545	36490	2.32	cps
Rhodium	103-1	7695989	7704754	7763201	7721315	0.47	cps
Rhodium	103-2	2062683	2049768	2058440	2056964	0.32	cps
Scandium	45-1	4607416	4653957	4642706	4634693	0.52	cps
Scandium	45-2	40656	39208	40080	39981	1.82	cps
Selenium	77-2	147	120	160	142	14.32	cps
Selenium	78-2	494	435	485	472	6.76	cps
Selenium	82-1	23225	23256	23105	23196	0.34	cps
Silicon	28-1	2120984	2131023	2096609	2116205	0.84	cps
Silver	109-1	884722	888890	885839	886484	0.24	cps
Silver	107-1	936438	936277	928992	933902	0.46	cps
Sodium	23-2	151850	148146	150969	150322	1.29	cps
Strontium	86-1	1224559	1217102	1229292	1223651	0.50	cps
Strontium	88-1	10470145	10509335	10519110	10499530	0.25	cps
Sulfur	34-1	352287	351983	347451	350574	0.77	cps
Terbium	159-1	10633781	10791946	10816847	10747525	0.92	cps
Terbium	159-2	2138582	2093448	2134951	2122327	1.18	cps
Thallium	203-1	1400560	1397736	1414849	1404382	0.65	cps
Thallium	205-1	3436713	3444518	3441999	3441077	0.12	cps
Tin	118-1	3227633	3217171	3220042	3221615	0.17	cps
Titanium	47-1	492054	493284	491482	492273	0.19	cps
Uranium	238-1	12092325	12110726	12111525	12104859	0.09	cps
Vanadium	51-2	61421	60065	60510	60665	1.14	cps
Yttrium	89-1	8505908	8640146	8535067	8560373	0.82	cps
Yttrium	89-2	266434	262442	263851	264242	0.77	cps
Zinc	66-2	27220	26703	27955	27293	2.31	cps
Zirconium	90-1	6688609	6714700	6676778	6693362	0.29	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:34:25	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1525951	1523422	1509924	1519766	0.57	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:37:29	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	8	11	43.34	cps
Antimony	121-1	1050	1233	900	1061	15.73	cps
Arsenic	75-2	6	4	6	5	21.74	cps
Barium	135-1	83	25	83	64	52.72	cps
Barium	137-1	92	67	83	81	15.80	cps
Beryllium	9-1	89	128	44	87	47.90	cps
Bismuth	209-1	6654221	6740859	6628210	6674430	0.88	cps
Bismuth	209-2	1811413	1794109	1790296	1798606	0.63	cps
Boron	10-1	1033	1150	942	1042	10.02	cps
Boron	11-1	5109	4843	4434	4795	7.09	cps
Cadmium	111-1	1198	1240	1216	1218	1.75	cps
Cadmium	106-1	1684	1742	1700	1709	1.76	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	1700	1784	1675	1720	3.30	cps
Calcium	44-1	15626	16277	16293	16065	2.37	cps
Chromium	52-2	410	453	503	456	10.25	cps
Cobalt	59-2	37	63	50	50	26.66	cps
Copper	63-2	200	170	137	169	18.76	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	58	50	100	69	38.58	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	10545989	10504151	10437172	10495771	0.52	cps
Holmium	165-2	2190511	2203941	2213720	2202724	0.53	cps
Indium	115-1	8371875	8370235	8353246	8365118	0.12	cps
Indium	115-2	364221	364065	361762	363349	0.38	cps
Iron	56-2	1550	1400	1611	1521	7.15	cps
Iron	57-2	56	56	83	65	24.74	cps
Lead	206-1	794	667	811	757	10.43	cps
Lead	207-1	639	567	561	589	7.37	cps
Lead	208-1	2989	2500	2717	2735	8.96	cps
Lithium	6-1	1341717	1344899	1327959	1338191	0.67	cps
Magnesium	24-2	125	100	100	108	13.33	cps
Manganese	55-2	37	27	50	38	30.98	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:37:29	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	825	792	725	781	6.52	cps
Molybdenum	95-1	1017	917	900	945	6.68	cps
Molybdenum	96-1	1208	1142	917	1089	14.04	cps
Molybdenum	97-1	600	583	625	603	3.48	cps
Molybdenum	98-1	1417	1650	1467	1511	8.13	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	110	87	91	18.77	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2617	2617	2642	2625	0.55	cps
Rhodium	103-1	7786694	7820248	7723811	7776918	0.63	cps
Rhodium	103-2	2082230	2088434	2085582	2085415	0.15	cps
Scandium	45-1	4652512	4636247	4640823	4643194	0.18	cps
Scandium	45-2	41013	40729	39442	40395	2.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	-26	-25	-31	-27	-11.76	cps
Silicon	28-1	339112	340129	343933	341058	0.75	cps
Silver	109-1	158	108	108	125	23.09	cps
Silver	107-1	167	117	192	158	24.12	cps
Sodium	23-2	8762	9829	9370	9320	5.74	cps
Strontium	86-1	600	408	483	497	19.43	cps
Strontium	88-1	433	417	358	403	9.78	cps
Sulfur	34-1	348246	346128	344497	346290	0.54	cps
Terbium	159-1	10906852	10788004	10867535	10854130	0.56	cps
Terbium	159-2	2175625	2139916	2150093	2155211	0.85	cps
Thallium	203-1	492	383	375	417	15.62	cps
Thallium	205-1	1258	1042	1017	1106	12.02	cps
Tin	118-1	1008	1108	1300	1139	13.01	cps
Titanium	47-1	92	175	175	147	32.68	cps
Uranium	238-1	275	175	308	253	27.45	cps
Vanadium	51-2	17	7	3	9	78.08	cps
Yttrium	89-1	8694774	8611106	8585048	8630310	0.66	cps
Yttrium	89-2	267834	268362	263707	266634	0.96	cps
Zinc	66-2	67	67	73	69	5.59	cps
Zirconium	90-1	725	667	717	703	4.49	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:37:29	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	125	233	167	35.00	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:40:36	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543608	543787	544027	543807	0.04	cps
Antimony	121-1	10396	10513	10088	10332	2.13	cps
Arsenic	75-2	35	48	33	39	20.76	cps
Barium	135-1	2875	2992	3017	2962	2.55	cps
Barium	137-1	5135	5235	5351	5240	2.07	cps
Beryllium	9-1	367	278	383	343	16.56	cps
Bismuth	209-1	6594814	6543457	6566267	6568179	0.39	cps
Bismuth	209-2	1633482	1630766	1629593	1631281	0.12	cps
Boron	10-1	1158	925	908	997	14.02	cps
Boron	11-1	4701	4468	4451	4540	3.08	cps
Cadmium	111-1	1553	1588	1682	1608	4.15	cps
Cadmium	106-1	1483	1667	1592	1581	5.83	cps
Cadmium	108-1	950	1113	975	1013	8.64	cps
Calcium	43-1	1862957	1813530	1856783	1844423	1.46	cps
Calcium	44-1	29844398	29750128	29913593	29836040	0.28	cps
Chromium	52-2	16129	16246	16376	16251	0.76	cps
Cobalt	59-2	1917	2020	2000	1979	2.77	cps
Copper	63-2	11465	11388	11839	11564	2.08	cps
Dysprosium	156-1	50	33	58	47	26.97	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	50	92	58	67	33.07	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	100	108	100	103	4.68	cps
Gadolinium	160-2	30	10	7	16	81.11	cps
Holmium	165-1	10700708	10602278	10575885	10626291	0.62	cps
Holmium	165-2	2188736	2195697	2174259	2186231	0.50	cps
Indium	115-1	8224765	8237154	8214275	8225398	0.14	cps
Indium	115-2	341391	336843	338504	338913	0.68	cps
Iron	56-2	53894932	53243641	53337775	53492116	0.66	cps
Iron	57-2	1341057	1330093	1335169	1335440	0.41	cps
Lead	206-1	28549	27464	27892	27968	1.96	cps
Lead	207-1	22665	22353	22415	22478	0.73	cps
Lead	208-1	108349	105517	105455	106440	1.55	cps
Lithium	6-1	1303564	1256543	1281927	1280678	1.84	cps
Magnesium	24-2	2849585	2890772	2879539	2873298	0.74	cps
Manganese	55-2	1977	1807	1747	1843	6.47	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:40:36	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4095995	4121506	4172322	4129941	0.94	cps
Molybdenum	95-1	7230148	7224781	7250350	7235093	0.19	cps
Molybdenum	96-1	7765256	7691225	7755549	7737344	0.52	cps
Molybdenum	97-1	4455688	4440514	4527655	4474619	1.04	cps
Molybdenum	98-1	11727913	11631218	11754305	11704478	0.55	cps
Neodymium	150-1	40	33	60	44	31.22	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	2774	2717	2897	2796	3.29	cps
Phosphorus	31-2	40425	39757	39874	40019	0.89	cps
Potassium	39-2	1602123	1614196	1613384	1609901	0.42	cps
Rhodium	103-1	7461946	7505697	7471154	7479599	0.31	cps
Rhodium	103-2	1968788	1943659	1967610	1960019	0.72	cps
Scandium	45-1	4600724	4560435	4647867	4603009	0.95	cps
Scandium	45-2	37998	37751	38282	38010	0.70	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	20	24	-28	5	541.70	cps
Silicon	28-1	425015	423697	422778	423830	0.27	cps
Silver	109-1	933	1142	1325	1133	17.29	cps
Silver	107-1	1000	1000	1442	1147	22.23	cps
Sodium	23-2	6696090	6707063	6675626	6692926	0.24	cps
Strontium	86-1	80790	80077	83011	81292	1.88	cps
Strontium	88-1	689667	688214	689744	689208	0.12	cps
Sulfur	34-1	2354345	2337945	2343920	2345403	0.35	cps
Terbium	159-1	10987756	11028878	11058551	11025062	0.32	cps
Terbium	159-2	2114016	2119590	2088885	2107497	0.78	cps
Thallium	203-1	983	1133	1083	1067	7.16	cps
Thallium	205-1	2217	2592	2767	2525	11.13	cps
Tin	118-1	2042	2084	2342	2156	7.54	cps
Titanium	47-1	1865057	1881156	1866317	1870843	0.48	cps
Uranium	238-1	458	392	633	494	25.25	cps
Vanadium	51-2	80	70	93	81	14.44	cps
Yttrium	89-1	8508560	8634701	8677831	8607031	1.02	cps
Yttrium	89-2	259282	257055	255249	257195	0.79	cps
Zinc	66-2	1753	1613	1677	1681	4.17	cps
Zirconium	90-1	992	875	1058	975	9.52	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:40:36	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	183	250	236	20.07	cps

LB Number : LB90902 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-10-16 13:43:40 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	561874	561107	556197	559726	0.55	cps
Antimony	121-1	190033	189545	188926	189501	0.29	cps
Arsenic	75-2	2026	1863	1998	1963	4.44	cps
Barium	135-1	41332	41441	40915	41229	0.67	cps
Barium	137-1	71393	72063	71930	71795	0.49	cps
Beryllium	9-1	22245	22117	22179	22181	0.29	cps
Bismuth	209-1	6518644	6429090	6417388	6455041	0.86	cps
Bismuth	209-2	1665529	1647700	1649071	1654100	0.60	cps
Boron	10-1	9353	9428	8936	9239	2.87	cps
Boron	11-1	42188	43517	43249	42985	1.64	cps
Cadmium	111-1	39994	38849	39876	39573	1.59	cps
Cadmium	106-1	6435	6435	6569	6480	1.19	cps
Cadmium	108-1	3896	3980	3888	3921	1.29	cps
Calcium	43-1	1859745	1859564	1878686	1865998	0.59	cps
Calcium	44-1	30106149	30364684	30327923	30266252	0.46	cps
Chromium	52-2	33567	33530	32969	33355	1.00	cps
Cobalt	59-2	37333	37434	38049	37605	1.03	cps
Copper	63-2	42686	42792	42167	42548	0.79	cps
Dysprosium	156-1	50	0	58	36	87.37	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	42	58	75	58	28.57	cps
Erbium	164-2	23	7	17	16	53.90	cps
Gadolinium	160-1	117	83	150	117	28.57	cps
Gadolinium	160-2	20	10	23	18	39.03	cps
Holmium	165-1	10711912	10639987	10660884	10670928	0.35	cps
Holmium	165-2	2236355	2186247	2201573	2208058	1.16	cps
Indium	115-1	8408131	8261244	8246852	8305409	1.07	cps
Indium	115-2	351196	346084	347501	348260	0.76	cps
Iron	56-2	54670829	54214972	54439943	54441915	0.42	cps
Iron	57-2	1364304	1357018	1363325	1361549	0.29	cps
Lead	206-1	138094	142676	141568	140779	1.70	cps
Lead	207-1	116641	119659	118280	118193	1.28	cps
Lead	208-1	542054	550147	548452	546884	0.78	cps
Lithium	6-1	1278219	1250944	1246980	1258714	1.35	cps
Magnesium	24-2	2969654	2944204	2941038	2951632	0.53	cps
Manganese	55-2	6528	6618	6505	6551	0.91	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:43:40	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4585654	4617628	4607318	4603534	0.35	cps
Molybdenum	95-1	7570113	7499518	7529939	7533190	0.47	cps
Molybdenum	96-1	8056456	8107983	8091728	8085389	0.33	cps
Molybdenum	97-1	4622902	4655062	4643996	4640653	0.35	cps
Molybdenum	98-1	12116489	12263330	11985428	12121749	1.15	cps
Neodymium	150-1	40	33	40	38	10.19	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	12936	13123	13263	13107	1.25	cps
Phosphorus	31-2	41913	42147	41445	41835	0.85	cps
Potassium	39-2	1661709	1648253	1706046	1672003	1.81	cps
Rhodium	103-1	7626574	7479034	7463389	7522999	1.20	cps
Rhodium	103-2	2013570	1984054	1995452	1997692	0.75	cps
Scandium	45-1	4757353	4667642	4673155	4699383	1.07	cps
Scandium	45-2	39766	38744	39532	39347	1.36	cps
Selenium	77-2	17	17	10	14	26.66	cps
Selenium	78-2	26	37	46	36	28.00	cps
Selenium	82-1	2192	2309	2385	2296	4.24	cps
Silicon	28-1	674360	680504	684645	679836	0.76	cps
Silver	109-1	166688	169851	168627	168389	0.95	cps
Silver	107-1	177852	180356	177175	178461	0.94	cps
Sodium	23-2	6915063	6936421	6874845	6908776	0.45	cps
Strontium	86-1	227085	230431	227136	228217	0.84	cps
Strontium	88-1	1998162	2003959	2023138	2008420	0.65	cps
Sulfur	34-1	2361959	2380880	2401566	2381469	0.83	cps
Terbium	159-1	11136643	10989472	11114897	11080337	0.72	cps
Terbium	159-2	2135078	2157116	2128232	2140142	0.71	cps
Thallium	203-1	140873	142129	139028	140677	1.11	cps
Thallium	205-1	336538	336224	332621	335128	0.65	cps
Tin	118-1	382376	381359	380462	381399	0.25	cps
Titanium	47-1	1962840	1959062	1941625	1954509	0.58	cps
Uranium	238-1	1365365	1346301	1345164	1352277	0.84	cps
Vanadium	51-2	12823	12239	12299	12454	2.58	cps
Yttrium	89-1	8830319	8717053	8831167	8792846	0.75	cps
Yttrium	89-2	267384	264104	266130	265873	0.62	cps
Zinc	66-2	4464	4581	4654	4566	2.10	cps
Zirconium	90-1	824513	820608	822272	822464	0.24	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:43:40	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	182288	183909	185666	183954	0.92	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:46:45	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310223	309353	307200	308925	0.50	cps
Antimony	121-1	4488698	4536177	4539753	4521543	0.63	cps
Arsenic	75-2	49964	49431	49436	49610	0.62	cps
Barium	135-1	4777397	4783760	4834439	4798532	0.65	cps
Barium	137-1	8191911	8360951	8337388	8296750	1.10	cps
Beryllium	9-1	534606	549306	550429	544780	1.62	cps
Bismuth	209-1	6369339	6343803	6436997	6383380	0.75	cps
Bismuth	209-2	1621357	1622637	1615213	1619736	0.25	cps
Boron	10-1	62077	64278	67065	64473	3.88	cps
Boron	11-1	288081	303033	308031	299715	3.46	cps
Cadmium	111-1	915200	931303	940176	928893	1.36	cps
Cadmium	106-1	95546	97887	97762	97065	1.36	cps
Cadmium	108-1	65579	65772	66560	65970	0.79	cps
Calcium	43-1	4498560	4618129	4634375	4583688	1.62	cps
Calcium	44-1	73967422	74945654	75298804	74737293	0.92	cps
Chromium	52-2	420749	417523	417841	418704	0.42	cps
Cobalt	59-2	879034	872221	872294	874516	0.45	cps
Copper	63-2	1488762	1480674	1491849	1487095	0.39	cps
Dysprosium	156-1	175	67	100	114	48.72	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Erbium	164-1	75	67	92	78	16.37	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	92	83	108	94	13.48	cps
Gadolinium	160-2	20	27	33	27	24.99	cps
Holmium	165-1	10394584	10384197	10685016	10487932	1.63	cps
Holmium	165-2	2196680	2188989	2208883	2198184	0.46	cps
Indium	115-1	7959712	8029669	8087295	8025559	0.80	cps
Indium	115-2	334715	334415	333769	334300	0.14	cps
Iron	56-2	67564358	66855061	66423100	66947507	0.86	cps
Iron	57-2	1704425	1713801	1706943	1708390	0.28	cps
Lead	206-1	2850076	2870313	2884935	2868441	0.61	cps
Lead	207-1	2614740	2620532	2646467	2627246	0.64	cps
Lead	208-1	11516555	11567962	11682764	11589093	0.73	cps
Lithium	6-1	1251315	1274044	1284537	1269965	1.34	cps
Magnesium	24-2	7327948	7314451	7237326	7293242	0.67	cps
Manganese	55-2	232180	231702	229950	231277	0.51	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:46:45	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3559688	3586683	3611188	3585853	0.72	cps
Molybdenum	95-1	1913699	1953697	1949942	1939113	1.14	cps
Molybdenum	96-1	2452795	2524314	2541726	2506279	1.88	cps
Molybdenum	97-1	1152454	1177940	1181664	1170686	1.36	cps
Molybdenum	98-1	3053781	3144899	3117847	3105509	1.51	cps
Neodymium	150-1	200	280	260	247	16.88	cps
Neodymium	150-2	20	10	10	13	43.30	cps
Nickel	60-2	254276	253035	254596	253969	0.32	cps
Phosphorus	31-2	4484	4376	4134	4331	4.14	cps
Potassium	39-2	2116463	2091765	2074992	2094407	1.00	cps
Rhodium	103-1	7126168	7262026	7230284	7206159	0.99	cps
Rhodium	103-2	1911416	1905487	1928042	1914981	0.61	cps
Scandium	45-1	4560349	4541736	4623689	4575258	0.94	cps
Scandium	45-2	39161	38680	38413	38751	0.98	cps
Selenium	77-2	370	353	323	349	6.78	cps
Selenium	78-2	1283	1207	1107	1199	7.36	cps
Selenium	82-1	57237	57976	57643	57618	0.64	cps
Silicon	28-1	2157400	2238579	2261129	2219036	2.46	cps
Silver	109-1	4369316	4380438	4429456	4393070	0.73	cps
Silver	107-1	4539470	4588125	4610114	4579236	0.79	cps
Sodium	23-2	17271802	17234901	17125064	17210589	0.44	cps
Strontium	86-1	1216302	1236877	1245622	1232934	1.22	cps
Strontium	88-1	10458225	10605159	10673192	10578859	1.04	cps
Sulfur	34-1	588316	598175	598860	595117	0.99	cps
Terbium	159-1	10792322	10848391	10938408	10859707	0.68	cps
Terbium	159-2	2062393	2099869	2076629	2079630	0.91	cps
Thallium	203-1	3463357	3473990	3534691	3490679	1.10	cps
Thallium	205-1	8146143	8248065	8336299	8243502	1.15	cps
Tin	118-1	3113043	3143244	3126751	3127679	0.48	cps
Titanium	47-1	472848	482702	485866	480472	1.41	cps
Uranium	238-1	11437389	11542676	11601157	11527074	0.72	cps
Vanadium	51-2	313434	314791	308882	312369	0.99	cps
Yttrium	89-1	8421142	8569402	8550973	8513839	0.95	cps
Yttrium	89-2	257885	255482	255859	256409	0.50	cps
Zinc	66-2	131971	129659	129417	130349	1.08	cps
Zirconium	90-1	6677848	6747598	6823191	6749546	1.08	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV067	Instrumnet Name :	P8
Client Sample ID :	CCV067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:46:45	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1509485	1543770	1531639	1528298	1.14	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:49:44	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	25	22	21.64	cps
Antimony	121-1	1900	2234	2342	2159	10.67	cps
Arsenic	75-2	7	11	4	7	50.02	cps
Barium	135-1	183	125	92	133	34.80	cps
Barium	137-1	283	250	233	256	9.96	cps
Beryllium	9-1	133	94	200	143	37.44	cps
Bismuth	209-1	6673616	6703859	6680373	6685949	0.24	cps
Bismuth	209-2	1707726	1697631	1747490	1717616	1.53	cps
Boron	10-1	2117	1834	1759	1903	9.93	cps
Boron	11-1	9987	8945	8486	9139	8.42	cps
Cadmium	111-1	1169	1280	1093	1181	7.97	cps
Cadmium	106-1	1634	1775	1533	1647	7.37	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	1575	1517	1767	1620	8.08	cps
Calcium	44-1	19381	18496	18772	18883	2.40	cps
Chromium	52-2	433	397	403	411	4.75	cps
Cobalt	59-2	50	43	47	47	7.15	cps
Copper	63-2	270	270	280	273	2.11	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	50	83	42	58	37.80	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	10376921	10338944	10394472	10370112	0.27	cps
Holmium	165-2	2182295	2166190	2158255	2168914	0.56	cps
Indium	115-1	8367278	8365415	8324789	8352494	0.29	cps
Indium	115-2	350670	346803	349877	349117	0.59	cps
Iron	56-2	3295	3167	3434	3299	4.04	cps
Iron	57-2	72	83	83	80	8.06	cps
Lead	206-1	1078	1233	1072	1128	8.11	cps
Lead	207-1	967	856	1028	950	9.19	cps
Lead	208-1	4489	4467	4439	4465	0.56	cps
Lithium	6-1	1333117	1317787	1321113	1324006	0.61	cps
Magnesium	24-2	308	283	142	244	36.77	cps
Manganese	55-2	40	13	30	28	48.51	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:49:44	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1383	1183	1200	1256	8.84	cps
Molybdenum	95-1	1950	1517	1550	1672	14.42	cps
Molybdenum	96-1	1959	1750	1684	1797	7.98	cps
Molybdenum	97-1	1275	1158	1042	1158	10.07	cps
Molybdenum	98-1	2892	2559	2667	2706	6.29	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	113	107	99	19.75	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2984	3067	2700	2917	6.59	cps
Rhodium	103-1	7661887	7601828	7633991	7632569	0.39	cps
Rhodium	103-2	2033799	2016089	2043220	2031036	0.68	cps
Scandium	45-1	4595615	4576459	4591271	4587782	0.22	cps
Scandium	45-2	37948	38175	38085	38069	0.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	4	3	34.64	cps
Selenium	82-1	-81	42	-36	-25	-249.91	cps
Silicon	28-1	337874	337724	331370	335656	1.11	cps
Silver	109-1	592	533	575	567	5.30	cps
Silver	107-1	683	675	608	656	6.27	cps
Sodium	23-2	12464	12222	11822	12170	2.67	cps
Strontium	86-1	533	608	608	583	7.42	cps
Strontium	88-1	558	508	450	506	10.72	cps
Sulfur	34-1	331102	331550	328221	330291	0.55	cps
Terbium	159-1	10778294	10694489	10617173	10696652	0.75	cps
Terbium	159-2	2111013	2077355	2104297	2097555	0.85	cps
Thallium	203-1	1033	1142	967	1047	8.43	cps
Thallium	205-1	2667	2092	2134	2298	13.96	cps
Tin	118-1	1167	1042	1167	1125	6.42	cps
Titanium	47-1	150	175	267	197	31.14	cps
Uranium	238-1	475	375	442	431	11.83	cps
Vanadium	51-2	17	10	10	12	31.50	cps
Yttrium	89-1	8530639	8571626	8537639	8546635	0.26	cps
Yttrium	89-2	257561	255681	258393	257212	0.54	cps
Zinc	66-2	73	103	80	86	18.41	cps
Zirconium	90-1	1183	1017	958	1053	11.09	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB067	Instrumnet Name :	P8
Client Sample ID :	CCB067	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:49:44	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	275	200	264	22.41	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:52:51	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	67	133	117	37.80	cps
Antimony	121-1	17270	17245	17345	17287	0.30	cps
Arsenic	75-2	91	128	93	104	20.13	cps
Barium	135-1	17220	17796	17296	17437	1.80	cps
Barium	137-1	30962	30361	31096	30806	1.27	cps
Beryllium	9-1	1206	1039	1189	1145	8.02	cps
Bismuth	209-1	6953684	6769928	6903276	6875629	1.38	cps
Bismuth	209-2	1804110	1779061	1798705	1793959	0.73	cps
Boron	10-1	3617	3876	3692	3728	3.57	cps
Boron	11-1	17561	17745	17762	17689	0.63	cps
Cadmium	111-1	3095	2897	2947	2980	3.45	cps
Cadmium	106-1	2025	1809	1842	1892	6.17	cps
Cadmium	108-1	104	146	163	138	21.85	cps
Calcium	43-1	9337	9996	10313	9882	5.04	cps
Calcium	44-1	153709	153768	153649	153709	0.04	cps
Chromium	52-2	2030	2037	2100	2056	1.88	cps
Cobalt	59-2	1693	1600	1723	1672	3.85	cps
Copper	63-2	3187	3017	3027	3077	3.10	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	83	50	67	25.00	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	92	58	75	75	22.22	cps
Gadolinium	160-2	17	0	17	11	86.60	cps
Holmium	165-1	10875999	10592081	10671775	10713285	1.37	cps
Holmium	165-2	2205872	2245993	2202468	2218111	1.09	cps
Indium	115-1	8647170	8408317	8554457	8536648	1.41	cps
Indium	115-2	359508	355804	354592	356635	0.72	cps
Iron	56-2	27728	27517	27717	27654	0.43	cps
Iron	57-2	667	589	700	652	8.75	cps
Lead	206-1	6302	6152	6263	6239	1.25	cps
Lead	207-1	5579	5729	5590	5633	1.48	cps
Lead	208-1	25505	25222	25244	25324	0.62	cps
Lithium	6-1	1398362	1356302	1362086	1372250	1.66	cps
Magnesium	24-2	13741	13374	13290	13468	1.78	cps
Manganese	55-2	250	180	223	218	16.22	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:52:51	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14675	14558	14366	14533	1.07	cps
Molybdenum	95-1	16945	17529	16869	17114	2.11	cps
Molybdenum	96-1	19782	19081	18422	19095	3.56	cps
Molybdenum	97-1	10204	10997	10880	10694	4.00	cps
Molybdenum	98-1	28464	27880	29015	28453	2.00	cps
Neodymium	150-1	13	0	33	16	107.87	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	620	543	567	577	6.82	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	10404	10313	10313	10343	0.51	cps
Rhodium	103-1	8021559	7720430	7770786	7837592	2.06	cps
Rhodium	103-2	2072965	2087322	2109186	2089824	0.87	cps
Scandium	45-1	4826000	4641829	4731368	4733066	1.95	cps
Scandium	45-2	39466	39843	39011	39440	1.06	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	7	7	6	7	15.72	cps
Selenium	82-1	500	554	595	550	8.61	cps
Silicon	28-1	378370	378399	375721	377496	0.41	cps
Silver	109-1	7961	8670	8636	8422	4.75	cps
Silver	107-1	9137	9204	9362	9234	1.25	cps
Sodium	23-2	42456	43234	43191	42960	1.02	cps
Strontium	86-1	2734	2759	2834	2775	1.88	cps
Strontium	88-1	19573	19181	19690	19481	1.37	cps
Sulfur	34-1	340166	340033	338381	339526	0.29	cps
Terbium	159-1	11290988	10864192	11119337	11091505	1.94	cps
Terbium	159-2	2168647	2164838	2141651	2158379	0.68	cps
Thallium	203-1	7211	6727	7194	7044	3.90	cps
Thallium	205-1	16995	17029	16503	16842	1.75	cps
Tin	118-1	28606	29583	28648	28946	1.91	cps
Titanium	47-1	4251	4576	4326	4384	3.88	cps
Uranium	238-1	20726	20601	20025	20451	1.83	cps
Vanadium	51-2	2700	2607	2937	2748	6.19	cps
Yttrium	89-1	8935438	8693977	8684124	8771179	1.62	cps
Yttrium	89-2	264043	261160	261593	262265	0.59	cps
Zinc	66-2	323	340	363	342	5.87	cps
Zirconium	90-1	12690	13299	12957	12982	2.35	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 13:52:51	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2759	3151	3009	2973	6.67	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:03:42	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	25	14	91.65	cps
Antimony	121-1	467	617	625	569	15.65	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	67	50	25	47	44.41	cps
Barium	137-1	67	75	58	67	12.49	cps
Beryllium	9-1	89	122	39	83	50.33	cps
Bismuth	209-1	6515182	6738677	6631174	6628345	1.69	cps
Bismuth	209-2	1731732	1723375	1779374	1744827	1.73	cps
Boron	10-1	608	592	533	578	6.82	cps
Boron	11-1	2467	2667	2559	2564	3.91	cps
Cadmium	111-1	1046	1178	1227	1150	8.11	cps
Cadmium	106-1	1475	1659	1717	1617	7.80	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	1500	1367	1417	1428	4.72	cps
Calcium	44-1	16519	16076	16635	16410	1.80	cps
Chromium	52-2	397	407	423	409	3.29	cps
Cobalt	59-2	60	37	47	48	24.50	cps
Copper	63-2	223	237	177	212	14.85	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	33	75	100	69	48.50	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	10117829	10487205	10242809	10282614	1.83	cps
Holmium	165-2	2152874	2160402	2163946	2159074	0.26	cps
Indium	115-1	8159273	8311742	8225532	8232183	0.93	cps
Indium	115-2	345954	347590	350997	348180	0.74	cps
Iron	56-2	1706	1656	1595	1652	3.37	cps
Iron	57-2	56	33	61	50	29.40	cps
Lead	206-1	700	778	644	707	9.47	cps
Lead	207-1	572	639	639	617	6.24	cps
Lead	208-1	2639	2989	2750	2793	6.41	cps
Lithium	6-1	1303611	1333580	1319954	1319048	1.14	cps
Magnesium	24-2	142	117	150	136	12.75	cps
Manganese	55-2	30	30	27	29	6.65	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:03:42	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	250	283	247	15.20	cps
Molybdenum	95-1	175	175	158	169	5.68	cps
Molybdenum	96-1	167	150	200	172	14.78	cps
Molybdenum	97-1	125	100	83	103	20.41	cps
Molybdenum	98-1	225	225	267	239	10.07	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	57	103	80	29.17	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2734	2867	2659	2753	3.83	cps
Rhodium	103-1	7451601	7743037	7583244	7592628	1.92	cps
Rhodium	103-2	2042944	2046477	2070152	2053191	0.72	cps
Scandium	45-1	4520543	4616240	4527759	4554848	1.17	cps
Scandium	45-2	37928	38289	38660	38292	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	4	6	-42	-11	-253.08	cps
Silicon	28-1	327402	329403	330438	329081	0.47	cps
Silver	109-1	183	175	275	211	26.28	cps
Silver	107-1	142	142	208	164	23.49	cps
Sodium	23-2	9845	10146	9604	9865	2.75	cps
Strontium	86-1	575	400	600	525	20.76	cps
Strontium	88-1	383	308	350	347	10.82	cps
Sulfur	34-1	346633	350498	345532	347554	0.75	cps
Terbium	159-1	10515066	10693116	10662712	10623631	0.90	cps
Terbium	159-2	2061332	2093725	2092425	2082494	0.88	cps
Thallium	203-1	367	225	283	292	24.41	cps
Thallium	205-1	767	558	575	633	18.28	cps
Tin	118-1	767	742	800	770	3.80	cps
Titanium	47-1	108	142	175	142	23.53	cps
Uranium	238-1	75	67	83	75	11.11	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Yttrium	89-1	8356661	8492036	8433867	8427521	0.81	cps
Yttrium	89-2	253691	257057	258574	256441	0.97	cps
Zinc	66-2	60	77	93	77	21.74	cps
Zirconium	90-1	675	758	583	672	13.02	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:03:42	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	158	92	111	37.00	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:06:50	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	217	300	286	22.25	cps
Antimony	121-1	32808	33535	33276	33206	1.11	cps
Arsenic	75-2	204	235	211	217	7.60	cps
Barium	135-1	35357	34396	36000	35251	2.29	cps
Barium	137-1	61553	62256	61552	61787	0.66	cps
Beryllium	9-1	2178	2228	2106	2171	2.83	cps
Bismuth	209-1	6714967	6689692	6660658	6688439	0.41	cps
Bismuth	209-2	1786056	1694583	1721268	1733969	2.71	cps
Boron	10-1	6218	6677	6368	6421	3.64	cps
Boron	11-1	28120	28145	29214	28493	2.19	cps
Cadmium	111-1	4823	4720	4587	4710	2.51	cps
Cadmium	106-1	2200	2142	1875	2072	8.36	cps
Cadmium	108-1	329	275	317	307	9.24	cps
Calcium	43-1	18596	18413	18438	18482	0.54	cps
Calcium	44-1	297265	294305	294857	295476	0.53	cps
Chromium	52-2	3597	3601	3901	3699	4.71	cps
Cobalt	59-2	3300	3384	3561	3415	3.89	cps
Copper	63-2	6138	6151	5915	6068	2.19	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	50	39	24.74	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	17	7	17	13	43.29	cps
Holmium	165-1	10529211	10399967	10344104	10424428	0.91	cps
Holmium	165-2	2215331	2156228	2169004	2180188	1.43	cps
Indium	115-1	8389378	8385719	8300359	8358486	0.60	cps
Indium	115-2	353544	346940	349207	349897	0.96	cps
Iron	56-2	215963	213655	215681	215100	0.59	cps
Iron	57-2	5490	5674	5451	5538	2.14	cps
Lead	206-1	11772	10961	11472	11402	3.60	cps
Lead	207-1	9976	10516	10544	10345	3.09	cps
Lead	208-1	46785	46279	47414	46826	1.21	cps
Lithium	6-1	1325461	1349946	1357179	1344195	1.24	cps
Magnesium	24-2	28538	27570	27644	27917	1.93	cps
Manganese	55-2	390	437	457	428	8.00	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:06:50	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28898	29166	28957	29007	0.48	cps
Molybdenum	95-1	34871	34912	34103	34629	1.32	cps
Molybdenum	96-1	38698	38414	37770	38294	1.24	cps
Molybdenum	97-1	22236	21827	21075	21713	2.71	cps
Molybdenum	98-1	56954	55573	55498	56008	1.46	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1187	1173	1240	1200	2.94	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	18805	17712	18279	18265	2.99	cps
Rhodium	103-1	7765013	7711359	7675004	7717125	0.59	cps
Rhodium	103-2	2048400	2038960	2042675	2043345	0.23	cps
Scandium	45-1	4616275	4656391	4601343	4624670	0.62	cps
Scandium	45-2	38275	37911	38195	38127	0.50	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	30	19	20	23	26.06	cps
Selenium	82-1	1060	1175	1126	1120	5.11	cps
Silicon	28-1	441576	443470	439690	441579	0.43	cps
Silver	109-1	17086	17737	17654	17493	2.02	cps
Silver	107-1	18296	17779	18413	18163	1.86	cps
Sodium	23-2	75902	75660	76774	76112	0.77	cps
Strontium	86-1	5168	4826	4651	4882	5.39	cps
Strontium	88-1	41071	39140	38681	39631	3.20	cps
Sulfur	34-1	351030	351824	350405	351087	0.20	cps
Terbium	159-1	10871665	10775493	10795965	10814374	0.47	cps
Terbium	159-2	2126743	2085259	2076510	2096171	1.28	cps
Thallium	203-1	13574	13875	13775	13741	1.11	cps
Thallium	205-1	31398	32058	31833	31763	1.06	cps
Tin	118-1	58386	57759	57683	57943	0.67	cps
Titanium	47-1	8711	8978	8912	8867	1.57	cps
Uranium	238-1	40684	40475	41679	40946	1.57	cps
Vanadium	51-2	5858	5705	5401	5655	4.11	cps
Yttrium	89-1	8619264	8647286	8576252	8614267	0.42	cps
Yttrium	89-2	261752	254643	259923	258773	1.43	cps
Zinc	66-2	643	697	613	651	6.48	cps
Zirconium	90-1	24890	25374	25950	25405	2.09	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	PB103209BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:06:50	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5501	5668	5493	5554	1.78	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5789-01A	Instrumnet Name :	P8
Client Sample ID :	B-38(FILL)_ 100917A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:09:57	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90714	87938	90563	89739	1.74	cps
Antimony	121-1	94047	95171	95691	94970	0.88	cps
Arsenic	75-2	5173	5005	5188	5122	1.99	cps
Barium	135-1	4232574	4236408	4270976	4246653	0.50	cps
Barium	137-1	7358125	7420942	7331787	7370285	0.62	cps
Beryllium	9-1	1206	1150	1261	1206	4.61	cps
Bismuth	209-1	6546717	6577577	6519083	6547792	0.45	cps
Bismuth	209-2	1513568	1672643	1673487	1619899	5.68	cps
Boron	10-1	3392	3359	3542	3431	2.85	cps
Boron	11-1	15551	15684	15484	15573	0.66	cps
Cadmium	111-1	44376	44060	43780	44072	0.68	cps
Cadmium	106-1	5968	5868	5818	5885	1.30	cps
Cadmium	108-1	3092	3109	2975	3059	2.38	cps
Calcium	43-1	753281	755077	751131	753163	0.26	cps
Calcium	44-1	12397261	12420455	12268118	12361945	0.66	cps
Chromium	52-2	89329	89748	87592	88890	1.29	cps
Cobalt	59-2	65714	66052	65881	65883	0.26	cps
Copper	63-2	396764	389000	391189	392318	1.02	cps
Dysprosium	156-1	26478	26511	26929	26639	0.94	cps
Dysprosium	156-2	6278	5958	5765	6000	4.32	cps
Erbium	164-1	25234	25885	25092	25404	1.67	cps
Erbium	164-2	4821	5124	5094	5013	3.34	cps
Gadolinium	160-1	27171	26970	26678	26940	0.92	cps
Gadolinium	160-2	7195	7499	7179	7291	2.47	cps
Holmium	165-1	10492006	10528103	10399307	10473139	0.63	cps
Holmium	165-2	1939593	2143664	2198155	2093804	6.51	cps
Indium	115-1	8283892	8290668	8186381	8253647	0.71	cps
Indium	115-2	311502	341353	345352	332736	5.56	cps
Iron	56-2	22040960	21696590	21584505	21774018	1.09	cps
Iron	57-2	546466	537178	538631	540758	0.92	cps
Lead	206-1	12122375	11990555	11993783	12035571	0.62	cps
Lead	207-1	10412799	10488194	10385108	10428700	0.51	cps
Lead	208-1	47660776	47579576	47273412	47504588	0.43	cps
Lithium	6-1	1339051	1335796	1333782	1336210	0.20	cps
Magnesium	24-2	195138	193826	189624	192863	1.49	cps
Manganese	55-2	194039	192872	191256	192722	0.72	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5789-01A	Instrumnet Name :	P8
Client Sample ID :	B-38(FILL)_ 100917A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:09:57	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17929	16920	16586	17145	4.08	cps
Molybdenum	95-1	9003	9379	9395	9259	2.39	cps
Molybdenum	96-1	11631	11647	11280	11519	1.80	cps
Molybdenum	97-1	5585	6010	5793	5796	3.67	cps
Molybdenum	98-1	14008	14233	14650	14297	2.28	cps
Neodymium	150-1	37929	37862	38550	38114	1.00	cps
Neodymium	150-2	5088	5028	4911	5009	1.79	cps
Nickel	60-2	21367	21006	20689	21021	1.61	cps
Phosphorus	31-2	492	292	442	408	25.49	cps
Potassium	39-2	24030	23787	23604	23807	0.90	cps
Rhodium	103-1	7693218	7624267	7610814	7642767	0.58	cps
Rhodium	103-2	1815127	1976556	2002865	1931516	5.26	cps
Scandium	45-1	4677275	4684836	4648082	4670064	0.42	cps
Scandium	45-2	35790	39034	39760	38194	5.53	cps
Selenium	77-2	37	40	23	33	26.47	cps
Selenium	78-2	20	13	24	19	29.57	cps
Selenium	82-1	165	179	204	183	10.87	cps
Silicon	28-1	19803789	19672216	19773243	19749749	0.35	cps
Silver	109-1	23663	24131	24582	24125	1.90	cps
Silver	107-1	24724	25609	26251	25528	3.00	cps
Sodium	23-2	54873	55167	53719	54586	1.40	cps
Strontium	86-1	484755	481976	483558	483430	0.29	cps
Strontium	88-1	4185445	4236485	4209527	4210486	0.61	cps
Sulfur	34-1	400450	400088	399801	400113	0.08	cps
Terbium	159-1	10745941	10869617	10744746	10786768	0.67	cps
Terbium	159-2	1881078	2089215	2076513	2015602	5.79	cps
Thallium	203-1	1417	1550	1517	1495	4.64	cps
Thallium	205-1	3576	3651	3576	3601	1.20	cps
Tin	118-1	309089	303299	302935	305108	1.13	cps
Titanium	47-1	380944	377996	375000	377980	0.79	cps
Uranium	238-1	20802	21419	20768	20996	1.75	cps
Vanadium	51-2	25570	24852	25139	25187	1.43	cps
Yttrium	89-1	9002532	8917069	8959631	8959744	0.48	cps
Yttrium	89-2	242783	265856	267178	258606	5.31	cps
Zinc	66-2	436845	427937	428267	431016	1.17	cps
Zirconium	90-1	33124	32448	33495	33022	1.61	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5789-01A	Instrumnet Name :	P8
Client Sample ID :	B-38(FILL)_100917A	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:09:57	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7186	6760	7327	7091	4.16	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:13:02	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63794	63576	63091	63487	0.57	cps
Antimony	121-1	41115	41934	42535	41861	1.70	cps
Arsenic	75-2	2161	2185	2174	2174	0.55	cps
Barium	135-1	1131225	1118403	1125765	1125131	0.57	cps
Barium	137-1	2010135	1995907	1996465	2000836	0.40	cps
Beryllium	9-1	1067	956	978	1000	5.88	cps
Bismuth	209-1	6846560	6837159	6787367	6823696	0.47	cps
Bismuth	209-2	1740505	1735762	1706485	1727584	1.07	cps
Boron	10-1	3934	4359	4234	4176	5.23	cps
Boron	11-1	19940	20449	20006	20131	1.37	cps
Cadmium	111-1	5670	5701	5533	5635	1.58	cps
Cadmium	106-1	2217	2275	2084	2192	4.48	cps
Cadmium	108-1	433	371	400	401	7.79	cps
Calcium	43-1	782291	787831	787687	785937	0.40	cps
Calcium	44-1	12935157	13055715	12884173	12958349	0.68	cps
Chromium	52-2	59409	58773	57488	58556	1.67	cps
Cobalt	59-2	68236	68953	68038	68409	0.70	cps
Copper	63-2	430292	427249	429787	429109	0.38	cps
Dysprosium	156-1	26185	26303	26594	26361	0.80	cps
Dysprosium	156-2	5578	5711	5488	5592	2.01	cps
Erbium	164-1	23464	21978	23122	22854	3.41	cps
Erbium	164-2	4274	4508	4401	4394	2.66	cps
Gadolinium	160-1	25133	25150	24724	25003	0.96	cps
Gadolinium	160-2	6729	6522	6715	6655	1.74	cps
Holmium	165-1	10771649	10802508	10632969	10735708	0.84	cps
Holmium	165-2	2224547	2177580	2178437	2193521	1.23	cps
Indium	115-1	8483353	8428074	8471315	8460914	0.34	cps
Indium	115-2	349503	349912	346240	348551	0.58	cps
Iron	56-2	18880642	18817078	18845213	18847644	0.17	cps
Iron	57-2	468675	466797	463462	466311	0.57	cps
Lead	206-1	7784515	7854712	7775508	7804912	0.56	cps
Lead	207-1	6724920	6787069	6679057	6730349	0.81	cps
Lead	208-1	30847045	31089858	30529480	30822128	0.91	cps
Lithium	6-1	1366127	1419000	1406275	1397134	1.98	cps
Magnesium	24-2	144065	142752	142432	143083	0.60	cps
Manganese	55-2	136118	133702	135668	135163	0.95	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:13:02	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21560	21994	21301	21618	1.62	cps
Molybdenum	95-1	14000	14951	14350	14433	3.33	cps
Molybdenum	96-1	18714	17479	18430	18207	3.55	cps
Molybdenum	97-1	9003	8770	9395	9056	3.49	cps
Molybdenum	98-1	23338	24390	23547	23758	2.34	cps
Neodymium	150-1	40737	41319	41941	41333	1.46	cps
Neodymium	150-2	5521	5505	5301	5442	2.25	cps
Nickel	60-2	17411	17458	17718	17529	0.94	cps
Phosphorus	31-2	417	550	525	497	14.25	cps
Potassium	39-2	22652	22836	22177	22555	1.51	cps
Rhodium	103-1	7884089	7816687	7835386	7845388	0.44	cps
Rhodium	103-2	2075760	2062267	2032723	2056917	1.07	cps
Scandium	45-1	4782030	4833052	4703595	4772892	1.37	cps
Scandium	45-2	40642	39068	39342	39684	2.12	cps
Selenium	77-2	23	50	23	32	47.79	cps
Selenium	78-2	19	13	15	15	18.35	cps
Selenium	82-1	327	236	202	255	25.21	cps
Silicon	28-1	19367976	19287989	19110150	19255372	0.69	cps
Silver	109-1	9871	9804	9987	9887	0.94	cps
Silver	107-1	10505	10288	10496	10429	1.18	cps
Sodium	23-2	85080	85817	86201	85699	0.67	cps
Strontium	86-1	522045	525573	527174	524931	0.50	cps
Strontium	88-1	4582045	4550244	4597775	4576688	0.53	cps
Sulfur	34-1	421185	420945	416062	419397	0.69	cps
Terbium	159-1	11092122	11161976	11056680	11103593	0.48	cps
Terbium	159-2	2155087	2125978	2143222	2141429	0.68	cps
Thallium	203-1	1675	1734	1700	1703	1.72	cps
Thallium	205-1	4118	3817	4534	4156	8.66	cps
Tin	118-1	1255385	1262917	1261153	1259818	0.31	cps
Titanium	47-1	370952	375631	366961	371181	1.17	cps
Uranium	238-1	21761	21244	21686	21564	1.30	cps
Vanadium	51-2	39061	38804	38807	38891	0.38	cps
Yttrium	89-1	9118431	9213518	9122320	9151423	0.59	cps
Yttrium	89-2	272547	271664	270050	271420	0.47	cps
Zinc	66-2	120682	120706	121214	120867	0.25	cps
Zirconium	90-1	34486	35848	34980	35105	1.96	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:13:02	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8453	7903	7719	8025	4.76	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:16:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50482	49219	48601	49434	1.94	cps
Antimony	121-1	22720	23062	24407	23396	3.81	cps
Arsenic	75-2	839	935	813	862	7.47	cps
Barium	135-1	727922	726264	736861	730349	0.78	cps
Barium	137-1	1266740	1274784	1268397	1269973	0.33	cps
Beryllium	9-1	689	761	639	696	8.83	cps
Bismuth	209-1	6753580	6798878	6895108	6815855	1.06	cps
Bismuth	209-2	1748050	1743987	1767847	1753295	0.73	cps
Boron	10-1	7377	7469	7319	7388	1.02	cps
Boron	11-1	34292	34877	36748	35306	3.63	cps
Cadmium	111-1	9567	9603	9252	9474	2.04	cps
Cadmium	106-1	2500	2617	2759	2625	4.93	cps
Cadmium	108-1	504	646	658	603	14.21	cps
Calcium	43-1	726005	727373	726785	726721	0.09	cps
Calcium	44-1	11798047	11860864	11932361	11863758	0.57	cps
Chromium	52-2	31910	31803	32023	31912	0.35	cps
Cobalt	59-2	38981	38500	38798	38760	0.63	cps
Copper	63-2	392284	391855	386770	390303	0.79	cps
Dysprosium	156-1	17946	17087	18030	17688	2.95	cps
Dysprosium	156-2	3677	3821	3837	3778	2.33	cps
Erbium	164-1	15785	15985	15643	15805	1.09	cps
Erbium	164-2	3127	2967	2920	3005	3.61	cps
Gadolinium	160-1	16853	17538	17512	17301	2.24	cps
Gadolinium	160-2	4564	4394	4704	4554	3.41	cps
Holmium	165-1	10634816	10668674	10760378	10687956	0.61	cps
Holmium	165-2	2188531	2201507	2181499	2190512	0.46	cps
Indium	115-1	8422737	8496984	8565465	8495062	0.84	cps
Indium	115-2	344228	345156	345277	344887	0.17	cps
Iron	56-2	7228331	7230859	7227267	7228819	0.03	cps
Iron	57-2	179163	181151	177370	179228	1.06	cps
Lead	206-1	5728215	5709359	5723793	5720456	0.17	cps
Lead	207-1	4862987	4860851	4874667	4866168	0.15	cps
Lead	208-1	22279135	22173311	22385945	22279463	0.48	cps
Lithium	6-1	1391128	1390143	1418041	1399771	1.13	cps
Magnesium	24-2	118969	119103	119162	119078	0.08	cps
Manganese	55-2	70021	70005	68922	69649	0.90	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:16:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20934	20358	20216	20502	1.85	cps
Molybdenum	95-1	6035	6252	6318	6202	2.39	cps
Molybdenum	96-1	9579	9170	9404	9384	2.18	cps
Molybdenum	97-1	3867	3776	3701	3781	2.21	cps
Molybdenum	98-1	9837	9796	9954	9862	0.83	cps
Neodymium	150-1	26962	27329	26648	26980	1.26	cps
Neodymium	150-2	3684	3524	3477	3562	3.04	cps
Nickel	60-2	8886	8843	8626	8785	1.59	cps
Phosphorus	31-2	308	250	242	267	13.62	cps
Potassium	39-2	17629	17370	17812	17604	1.26	cps
Rhodium	103-1	7718892	7848744	7861112	7809583	1.01	cps
Rhodium	103-2	2026030	2057330	2012856	2032072	1.12	cps
Scandium	45-1	4769782	4718260	4766625	4751556	0.61	cps
Scandium	45-2	38773	39462	39171	39136	0.88	cps
Selenium	77-2	13	40	17	23	62.27	cps
Selenium	78-2	15	9	17	14	28.39	cps
Selenium	82-1	69	192	99	120	53.49	cps
Silicon	28-1	7624546	7745792	7650343	7673560	0.83	cps
Silver	109-1	6960	6910	7069	6980	1.16	cps
Silver	107-1	7344	7211	7753	7436	3.80	cps
Sodium	23-2	63760	66113	63534	64469	2.21	cps
Strontium	86-1	445111	440204	445155	443490	0.64	cps
Strontium	88-1	3881191	3881421	3876369	3879660	0.07	cps
Sulfur	34-1	357736	358900	357801	358146	0.18	cps
Terbium	159-1	11141569	11101898	11171276	11138248	0.31	cps
Terbium	159-2	2117551	2098888	2120194	2112211	0.55	cps
Thallium	203-1	992	875	758	875	13.33	cps
Thallium	205-1	2034	1934	2142	2036	5.12	cps
Tin	118-1	319154	320095	317772	319007	0.37	cps
Titanium	47-1	246377	250410	246634	247807	0.91	cps
Uranium	238-1	13466	12799	13441	13235	2.86	cps
Vanadium	51-2	19934	19544	20465	19981	2.31	cps
Yttrium	89-1	8902469	9088753	9032479	9007901	1.06	cps
Yttrium	89-2	261576	265580	263545	263567	0.76	cps
Zinc	66-2	62832	61821	60642	61765	1.77	cps
Zirconium	90-1	44984	45502	52482	47656	8.79	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:16:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10238	9996	9904	10046	1.72	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:19:11	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3067	3209	3359	3212	4.54	cps
Antimony	121-1	2050	2300	2242	2198	5.95	cps
Arsenic	75-2	124	130	102	119	12.40	cps
Barium	135-1	52647	54337	48322	51769	5.99	cps
Barium	137-1	92489	94628	85375	90831	5.33	cps
Beryllium	9-1	122	94	56	91	36.90	cps
Bismuth	209-1	6466837	6751090	5981056	6399661	6.08	cps
Bismuth	209-2	1678774	1737547	1767341	1727887	2.61	cps
Boron	10-1	750	717	600	689	11.43	cps
Boron	11-1	3426	3259	2975	3220	7.07	cps
Cadmium	111-1	1453	1473	1209	1379	10.66	cps
Cadmium	106-1	1709	1800	1517	1675	8.63	cps
Cadmium	108-1	25	29	33	29	14.28	cps
Calcium	43-1	39315	39548	36590	38484	4.27	cps
Calcium	44-1	626717	646156	576915	616596	5.79	cps
Chromium	52-2	3094	3387	3284	3255	4.57	cps
Cobalt	59-2	3354	3571	3214	3379	5.32	cps
Copper	63-2	20252	20976	21477	20902	2.95	cps
Dysprosium	156-1	1308	1342	1158	1270	7.69	cps
Dysprosium	156-2	260	247	323	277	14.80	cps
Erbium	164-1	1192	1142	1067	1133	5.55	cps
Erbium	164-2	247	190	223	220	12.94	cps
Gadolinium	160-1	1308	1325	1125	1253	8.86	cps
Gadolinium	160-2	320	343	327	330	3.64	cps
Holmium	165-1	10147580	10532827	9206014	9962140	6.85	cps
Holmium	165-2	2092691	2184827	2201725	2159748	2.72	cps
Indium	115-1	8080645	8351080	7303445	7911724	6.87	cps
Indium	115-2	335553	351271	354464	347096	2.92	cps
Iron	56-2	877448	914291	930194	907311	2.98	cps
Iron	57-2	22179	22541	23147	22623	2.16	cps
Lead	206-1	377355	386615	343869	369279	6.09	cps
Lead	207-1	314332	326907	288485	309908	6.32	cps
Lead	208-1	1473621	1514507	1341937	1443355	6.25	cps
Lithium	6-1	1333905	1344508	1221739	1300051	5.23	cps
Magnesium	24-2	6518	6769	6668	6652	1.89	cps
Manganese	55-2	6225	6712	6622	6519	3.97	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:19:11	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1133	1242	950	1108	13.30	cps
Molybdenum	95-1	608	800	683	697	13.85	cps
Molybdenum	96-1	1167	925	817	970	18.48	cps
Molybdenum	97-1	517	375	542	478	18.81	cps
Molybdenum	98-1	1033	1133	1150	1106	5.71	cps
Neodymium	150-1	2094	1934	2007	2011	3.98	cps
Neodymium	150-2	240	287	230	252	11.99	cps
Nickel	60-2	1057	930	910	966	8.24	cps
Phosphorus	31-2	25	42	33	33	25.01	cps
Potassium	39-2	3109	3025	3509	3214	8.04	cps
Rhodium	103-1	7444690	7706555	6866599	7339281	5.86	cps
Rhodium	103-2	1971445	2046728	2053559	2023911	2.25	cps
Scandium	45-1	4418781	4608456	4088578	4371939	6.02	cps
Scandium	45-2	37213	38463	39475	38384	2.95	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-35	8	14	-5	-590.57	cps
Silicon	28-1	1236715	1291500	1189334	1239183	4.13	cps
Silver	109-1	683	750	675	703	5.85	cps
Silver	107-1	992	867	883	914	7.43	cps
Sodium	23-2	14083	13724	14208	14005	1.79	cps
Strontium	86-1	25032	26251	23262	24849	6.05	cps
Strontium	88-1	216969	223538	196963	212490	6.51	cps
Sulfur	34-1	331737	335055	330022	332271	0.77	cps
Terbium	159-1	10463248	11007176	9625079	10365168	6.72	cps
Terbium	159-2	2050857	2130260	2125743	2102287	2.12	cps
Thallium	203-1	217	250	183	217	15.38	cps
Thallium	205-1	542	500	550	531	5.05	cps
Tin	118-1	61492	62405	54286	59394	7.49	cps
Titanium	47-1	17979	18713	16878	17857	5.17	cps
Uranium	238-1	1075	1258	883	1072	17.49	cps
Vanadium	51-2	1780	1860	1907	1849	3.47	cps
Yttrium	89-1	8336287	8574896	7606817	8172667	6.17	cps
Yttrium	89-2	249550	261613	260911	257358	2.63	cps
Zinc	66-2	5791	6202	6191	6061	3.86	cps
Zirconium	90-1	2184	2125	1825	2045	9.41	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-01DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(1.5-2.75)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:19:11	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	467	367	436	13.82	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:22:19	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2417	2409	2492	2439	1.88	cps
Antimony	121-1	1175	1175	1117	1156	2.92	cps
Arsenic	75-2	48	54	46	49	7.80	cps
Barium	135-1	35465	35073	35741	35426	0.95	cps
Barium	137-1	61594	60021	62950	61522	2.38	cps
Beryllium	9-1	67	83	78	76	11.18	cps
Bismuth	209-1	6721333	6784131	6743752	6749738	0.47	cps
Bismuth	209-2	1811523	1740376	1766360	1772753	2.03	cps
Boron	10-1	725	733	733	731	0.66	cps
Boron	11-1	3459	3242	3759	3487	7.44	cps
Cadmium	111-1	1400	1601	1520	1507	6.72	cps
Cadmium	106-1	1608	1809	1650	1689	6.25	cps
Cadmium	108-1	38	33	50	40	21.54	cps
Calcium	43-1	36983	35446	36758	36395	2.28	cps
Calcium	44-1	590730	593563	590168	591487	0.31	cps
Chromium	52-2	1944	2167	2030	2047	5.50	cps
Cobalt	59-2	1967	1987	1947	1967	1.02	cps
Copper	63-2	19030	19203	18876	19037	0.86	cps
Dysprosium	156-1	850	792	1042	895	14.62	cps
Dysprosium	156-2	173	193	153	173	11.54	cps
Erbium	164-1	725	867	850	814	9.51	cps
Erbium	164-2	137	133	127	132	3.85	cps
Gadolinium	160-1	908	1000	833	914	9.13	cps
Gadolinium	160-2	213	223	227	221	3.14	cps
Holmium	165-1	10575337	10591365	10435158	10533953	0.82	cps
Holmium	165-2	2219919	2220367	2222425	2220904	0.06	cps
Indium	115-1	8426992	8377325	8305824	8370047	0.73	cps
Indium	115-2	357264	356979	352603	355615	0.73	cps
Iron	56-2	350926	346213	344726	347288	0.93	cps
Iron	57-2	8670	8536	9009	8738	2.79	cps
Lead	206-1	274077	275715	275278	275024	0.31	cps
Lead	207-1	232011	230858	231820	231563	0.27	cps
Lead	208-1	1071836	1070781	1070219	1070946	0.08	cps
Lithium	6-1	1318264	1353276	1358139	1343226	1.62	cps
Magnesium	24-2	5660	6185	5710	5851	4.95	cps
Manganese	55-2	3701	3327	3410	3479	5.63	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:22:19	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1267	1208	1042	1172	9.96	cps
Molybdenum	95-1	300	333	358	331	8.85	cps
Molybdenum	96-1	475	508	567	517	8.98	cps
Molybdenum	97-1	150	208	308	222	36.03	cps
Molybdenum	98-1	442	508	633	528	18.44	cps
Neodymium	150-1	1427	1233	1373	1345	7.43	cps
Neodymium	150-2	210	177	193	193	8.62	cps
Nickel	60-2	597	527	560	561	6.24	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	3134	3059	3309	3167	4.05	cps
Rhodium	103-1	7843319	7820606	7743027	7802317	0.67	cps
Rhodium	103-2	2069967	2088917	2075953	2078279	0.47	cps
Scandium	45-1	4658249	4731231	4616103	4668528	1.25	cps
Scandium	45-2	39442	39522	38750	39238	1.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	54	52	-11	32	115.97	cps
Silicon	28-1	742259	743748	749456	745154	0.51	cps
Silver	109-1	467	667	575	569	17.58	cps
Silver	107-1	717	700	575	664	11.66	cps
Sodium	23-2	12147	12581	11839	12189	3.06	cps
Strontium	86-1	22094	21876	21351	21774	1.75	cps
Strontium	88-1	183062	188402	186678	186047	1.46	cps
Sulfur	34-1	336905	333624	337774	336101	0.65	cps
Terbium	159-1	10937412	11066025	10761730	10921722	1.40	cps
Terbium	159-2	2154006	2163454	2136782	2151414	0.63	cps
Thallium	203-1	192	133	192	172	19.56	cps
Thallium	205-1	475	492	567	511	9.55	cps
Tin	118-1	15668	15827	16486	15994	2.71	cps
Titanium	47-1	12081	12223	12248	12184	0.74	cps
Uranium	238-1	775	767	725	756	3.55	cps
Vanadium	51-2	967	940	987	964	2.43	cps
Yttrium	89-1	8718598	8683456	8607506	8669853	0.65	cps
Yttrium	89-2	265287	264106	262852	264082	0.46	cps
Zinc	66-2	3177	3230	3094	3167	2.18	cps
Zirconium	90-1	2834	2759	2634	2742	3.69	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	I5783-02DLX20	Instrumnet Name :	P8
Client Sample ID :	B-28(0.5-1.5)-100917	Dilution Factor :	20
Date & Time Acquired ::	2017-10-16 14:22:19	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	633	525	650	603	11.26	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:25:28	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299050	307101	301981	302711	1.35	cps
Antimony	121-1	4535908	4556887	4551913	4548236	0.24	cps
Arsenic	75-2	49358	48591	48747	48899	0.83	cps
Barium	135-1	4816582	4821520	4790102	4809401	0.35	cps
Barium	137-1	8352626	8311587	8271279	8311831	0.49	cps
Beryllium	9-1	551204	550213	553179	551532	0.27	cps
Bismuth	209-1	6279085	6376571	6408959	6354872	1.06	cps
Bismuth	209-2	1600027	1612143	1614011	1608727	0.47	cps
Boron	10-1	61440	63860	65559	63620	3.25	cps
Boron	11-1	298352	298467	307442	301420	1.73	cps
Cadmium	111-1	919634	928007	919921	922521	0.52	cps
Cadmium	106-1	95487	97585	97350	96807	1.19	cps
Cadmium	108-1	64391	65617	65140	65049	0.95	cps
Calcium	43-1	4617216	4568255	4633787	4606419	0.74	cps
Calcium	44-1	74307508	74325479	76052812	74895266	1.34	cps
Chromium	52-2	412847	407846	409661	410118	0.62	cps
Cobalt	59-2	858107	862728	866263	862366	0.47	cps
Copper	63-2	1468379	1463541	1472456	1468125	0.30	cps
Dysprosium	156-1	125	183	108	139	28.35	cps
Dysprosium	156-2	3	27	20	17	72.13	cps
Erbium	164-1	42	67	100	69	42.14	cps
Erbium	164-2	20	27	17	21	24.12	cps
Gadolinium	160-1	108	117	92	106	12.06	cps
Gadolinium	160-2	23	20	27	23	14.29	cps
Holmium	165-1	10300765	10445131	10437262	10394386	0.78	cps
Holmium	165-2	2154934	2164131	2139158	2152741	0.59	cps
Indium	115-1	7860818	8001941	7981517	7948092	0.96	cps
Indium	115-2	331278	329618	330943	330613	0.27	cps
Iron	56-2	65774428	65838706	66123582	65912239	0.28	cps
Iron	57-2	1671878	1660840	1687232	1673316	0.79	cps
Lead	206-1	2839221	2862441	2871272	2857645	0.58	cps
Lead	207-1	2600437	2623615	2652627	2625560	1.00	cps
Lead	208-1	11596630	11622625	11648835	11622697	0.22	cps
Lithium	6-1	1272163	1296616	1299549	1289443	1.17	cps
Magnesium	24-2	7142478	7246097	7162956	7183844	0.76	cps
Manganese	55-2	225477	226814	226052	226114	0.30	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:25:28	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3543677	3551927	3565273	3553626	0.31	cps
Molybdenum	95-1	1929355	1943992	1922409	1931919	0.57	cps
Molybdenum	96-1	2494624	2501820	2508179	2501541	0.27	cps
Molybdenum	97-1	1165027	1167307	1166112	1166148	0.10	cps
Molybdenum	98-1	3076875	3121425	3165475	3121258	1.42	cps
Neodymium	150-1	213	227	267	236	11.78	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	248349	250286	252254	250297	0.78	cps
Phosphorus	31-2	4359	4326	3909	4198	5.98	cps
Potassium	39-2	2060620	2036971	2036045	2044545	0.68	cps
Rhodium	103-1	7150725	7200186	7293936	7214949	1.01	cps
Rhodium	103-2	1909049	1894569	1888290	1897303	0.56	cps
Scandium	45-1	4505843	4568461	4610374	4561559	1.15	cps
Scandium	45-2	37393	37891	38088	37791	0.95	cps
Selenium	77-2	280	230	320	277	16.30	cps
Selenium	78-2	1054	1087	1048	1063	1.98	cps
Selenium	82-1	57169	57791	57731	57564	0.60	cps
Silicon	28-1	2171892	2207236	2226060	2201730	1.25	cps
Silver	109-1	4380074	4434195	4400374	4404881	0.62	cps
Silver	107-1	4596344	4627359	4545569	4589757	0.90	cps
Sodium	23-2	16941351	17042236	16936177	16973255	0.35	cps
Strontium	86-1	1219105	1229380	1225090	1224525	0.42	cps
Strontium	88-1	10636168	10556585	10568977	10587243	0.40	cps
Sulfur	34-1	613395	609054	613088	611846	0.40	cps
Terbium	159-1	10654508	10750957	10733286	10712917	0.48	cps
Terbium	159-2	2085922	2058229	2063347	2069166	0.71	cps
Thallium	203-1	3527828	3537433	3503027	3522763	0.50	cps
Thallium	205-1	8340190	8305899	8240237	8295442	0.61	cps
Tin	118-1	3107828	3126515	3108828	3114390	0.34	cps
Titanium	47-1	481203	480023	481277	480834	0.15	cps
Uranium	238-1	11630431	11579615	11583190	11597745	0.24	cps
Vanadium	51-2	306406	307902	305614	306641	0.38	cps
Yttrium	89-1	8347905	8492126	8462597	8434209	0.90	cps
Yttrium	89-2	251926	253236	254532	253231	0.51	cps
Zinc	66-2	128461	128700	128760	128641	0.12	cps
Zirconium	90-1	6686439	6708818	6720022	6705093	0.26	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCV068	Instrumnet Name :	P8
Client Sample ID :	CCV068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:25:28	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1522712	1509729	1502363	1511601	0.68	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:28:27	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	42	33	25.01	cps
Antimony	121-1	2100	2275	2309	2228	5.02	cps
Arsenic	75-2	9	4	11	8	48.07	cps
Barium	135-1	117	75	67	86	31.11	cps
Barium	137-1	208	225	217	217	3.85	cps
Beryllium	9-1	128	117	144	130	10.79	cps
Bismuth	209-1	6560635	6633154	5701462	6298417	8.23	cps
Bismuth	209-2	1426076	1531818	1670228	1542707	7.94	cps
Boron	10-1	2025	1900	1659	1861	10.02	cps
Boron	11-1	9637	8536	8028	8734	9.42	cps
Cadmium	111-1	1168	1190	972	1110	10.80	cps
Cadmium	106-1	1592	1609	1342	1514	9.87	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	1542	1475	1358	1458	6.36	cps
Calcium	44-1	16736	16577	15893	16402	2.73	cps
Chromium	52-2	473	443	417	444	6.38	cps
Cobalt	59-2	50	80	50	60	28.87	cps
Copper	63-2	283	313	290	296	5.33	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	50	42	67	53	24.12	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	9999274	10160921	8731538	9630578	8.13	cps
Holmium	165-2	1832535	1952989	2112570	1966032	7.14	cps
Indium	115-1	8061048	8167849	6987839	7738912	8.43	cps
Indium	115-2	287716	310954	340253	312974	8.41	cps
Iron	56-2	2889	2650	2962	2834	5.75	cps
Iron	57-2	89	67	72	76	15.23	cps
Lead	206-1	1311	1439	1433	1395	5.18	cps
Lead	207-1	1389	1300	1311	1333	3.63	cps
Lead	208-1	5634	5912	5640	5728	2.77	cps
Lithium	6-1	1325550	1331651	1140300	1265834	8.59	cps
Magnesium	24-2	233	225	350	269	25.94	cps
Manganese	55-2	23	40	20	28	38.58	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:28:27	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	650	758	633	681	9.97	cps
Molybdenum	95-1	758	558	500	606	22.37	cps
Molybdenum	96-1	808	867	567	747	21.29	cps
Molybdenum	97-1	308	400	433	381	17.01	cps
Molybdenum	98-1	958	1050	667	892	22.45	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	83	113	98	15.37	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2750	2884	2642	2759	4.39	cps
Rhodium	103-1	7536175	7554653	6505201	7198676	8.34	cps
Rhodium	103-2	1724701	1859894	2006099	1863565	7.55	cps
Scandium	45-1	4462949	4533926	3893717	4296864	8.17	cps
Scandium	45-2	32117	33701	37824	34547	8.53	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	12	-38	20	-2	-1447.03	cps
Silicon	28-1	334060	334125	324125	330770	1.74	cps
Silver	109-1	367	550	400	439	22.25	cps
Silver	107-1	525	475	475	492	5.87	cps
Sodium	23-2	10796	10279	10554	10543	2.45	cps
Strontium	86-1	567	542	442	517	12.80	cps
Strontium	88-1	558	633	442	544	17.74	cps
Sulfur	34-1	340772	345864	332764	339800	1.94	cps
Terbium	159-1	10473667	10549002	9047292	10023320	8.44	cps
Terbium	159-2	1745732	1902675	2053125	1900510	8.09	cps
Thallium	203-1	908	733	700	781	14.34	cps
Thallium	205-1	2125	1917	1692	1911	11.34	cps
Tin	118-1	1083	1192	1075	1117	5.83	cps
Titanium	47-1	167	167	133	156	12.37	cps
Uranium	238-1	358	333	208	300	26.79	cps
Vanadium	51-2	13	13	13	13	0.00	cps
Yttrium	89-1	8240014	8399542	7114450	7918002	8.85	cps
Yttrium	89-2	215650	228683	253361	232565	8.24	cps
Zinc	66-2	67	80	110	86	25.94	cps
Zirconium	90-1	983	1083	842	970	12.53	cps

LB Number :	LB90902	Operator :	Jaswal
Lab Sample ID :	CCB068	Instrumnet Name :	P8
Client Sample ID :	CCB068	Dilution Factor :	1
Date & Time Acquired ::	2017-10-16 14:28:27	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	225	242	236	4.08	cps