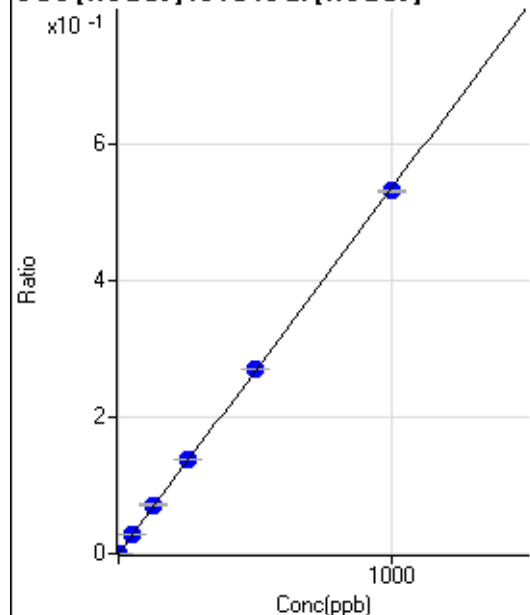


Batch Folder: D:\ICP-MS Data\P7081919MS.b\
Analysis File: P7081919MS.batch.bin
DA Date-Time: 2019-08-19 12:57:43
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-08-19 11:34:21
2	003CALS.d	S02	2019-08-19 11:37:56
3	004CALS.d	S03	2019-08-19 11:42:34
4	005CALS.d	S04	2019-08-19 11:46:30
5	006CALS.d	S05	2019-08-19 11:50:23
6	007CALS.d	S06	2019-08-19 11:54:12
7	008CALS.d	S07	2019-08-19 11:58:01
8	009CALS.d	S08	2019-08-19 12:01:48

9 Be [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	38.89	0.0000	P	38.6
2	☐	1.000	0.961	1188.95	0.0005	P	4.7
3	☐	50.000	52.095	63786.64	0.0279	P	0.4
4	☐	125.000	132.994	158289.03	0.0711	P	2.2
5	☐	250.000	257.676	287887.45	0.1377	P	0.4
6	☐	500.000	507.522	552821.87	0.2712	P	0.1
7	☐	1000.000	993.216	1089169.59	0.5308	P	0.3
8	☐			456.68	0.0002	P	17.3

$$y = 5.3436\text{E-}004 * x + 1.7754\text{E-}005$$

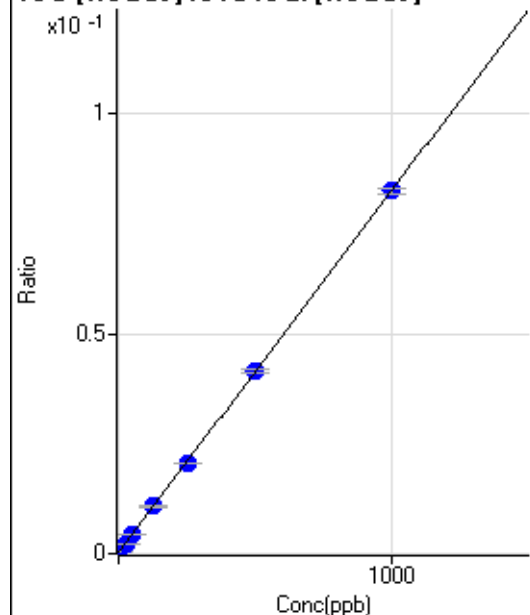
$$R = 0.9999$$

$$DL = 0.03852$$

$$BEC = 0.03323$$

Weight: <None>

Min Conc: 0

10 B [NoGas] ISTD:6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	602.82	0.0003	P	8.0
2	☐	25.000	20.989	4475.84	0.0020	P	2.0
3	☐	50.000	48.009	9667.38	0.0042	P	0.5
4	☐	125.000	128.827	24186.76	0.0109	P	4.2
5	☐	250.000	247.325	43073.30	0.0206	P	0.8
6	☐	500.000	501.014	84496.95	0.0415	P	1.9
7	☐	1000.000	999.883	169225.11	0.0825	P	1.6
8	☐			9258.73	0.0044	P	5.7

$$y = 8.2197\text{E-}005 * x + 2.7527\text{E-}004$$

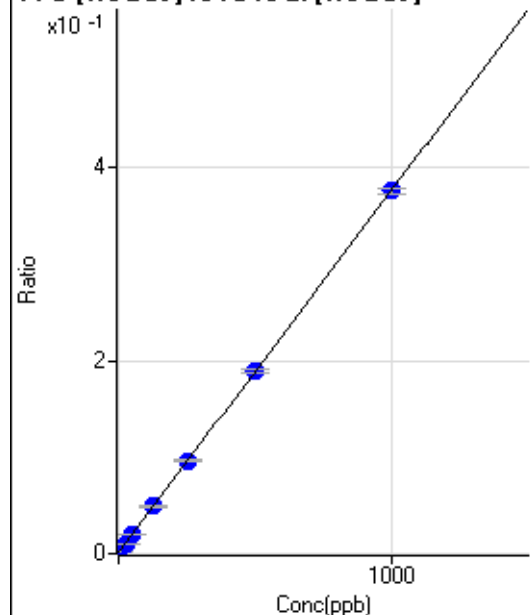
$$R = 1.0000$$

$$DL = 0.7997$$

$$BEC = 3.349$$

Weight: <None>

Min Conc: 0

11 B [NoGas] ISTD: 6 Li [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2516.98	0.0011	P	6.9
2	☐	25.000	22.839	21752.45	0.0097	P	1.6
3	☐	50.000	49.133	44861.98	0.0196	P	3.6
4	☐	125.000	127.528	109144.76	0.0490	P	3.3
5	☐	250.000	252.795	200764.07	0.0960	P	1.9
6	☐	500.000	501.114	385733.40	0.1893	P	1.4
7	☐	1000.000	998.526	771526.56	0.3760	P	1.8
8	☐			42399.40	0.0200	P	6.4

$$y = 3.7537E-004 * x + 0.0011$$

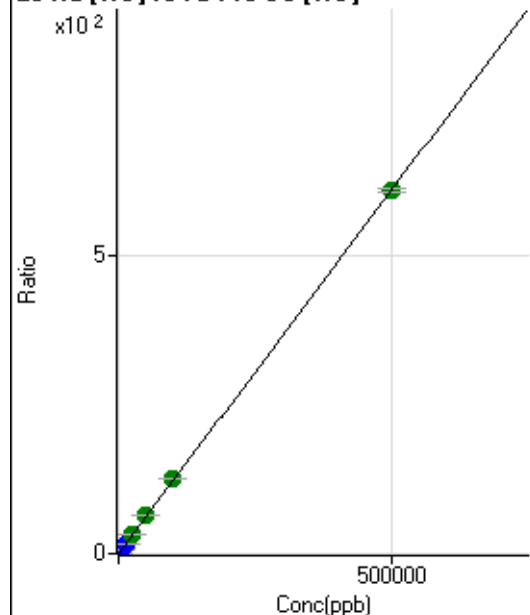
$$R = 1.0000$$

$$DL = 0.6371$$

$$BEC = 3.062$$

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	3836.77	0.0239	P	2.0
2	☐	500.000	485.816	101520.28	0.6155	P	0.6
3	☐	5000.000	5045.784	1032455.13	6.1676	P	1.0
4	☐	12500.000	12941.684	2569564.10	15.7815	P	4.6
5	☐	25000.000	26024.080	4797206.01	31.7104	A	0.2
6	☐	50000.000	52300.004	9469286.76	63.7035	A	0.2
7	☐	100000.00	102923.74	19081957.54	125.3421	A	0.3
8	☐	500000.00	499122.56	97085318.14	607.7469	A	1.0

$$y = 0.0012 * x + 0.0239$$

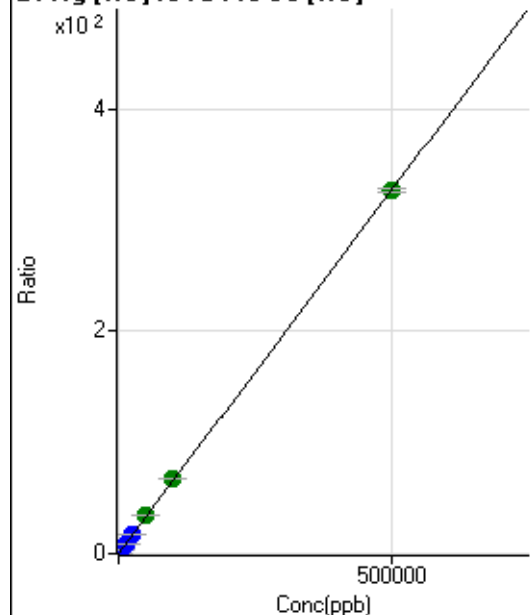
$$R = 1.0000$$

$$DL = 1.2$$

$$BEC = 19.66$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.00	0.0008	P	16.8
2	☐	500.000	487.510	52674.11	0.3193	P	0.1
3	☐	5000.000	5039.512	551410.79	3.2938	P	0.6
4	☐	12500.000	12805.153	1362475.02	8.3683	P	4.7
5	☐	25000.000	25875.544	2558050.42	16.9091	P	0.2
6	☐	50000.000	52014.006	5052449.51	33.9893	A	0.2
7	☐	100000.00	102183.87	10165407.43	66.7727	A	0.3
8	☐	500000.00	499310.03	52121393.88	326.2744	A	1.0

$$y = 6.5345E-004 * x + 7.7930E-004$$

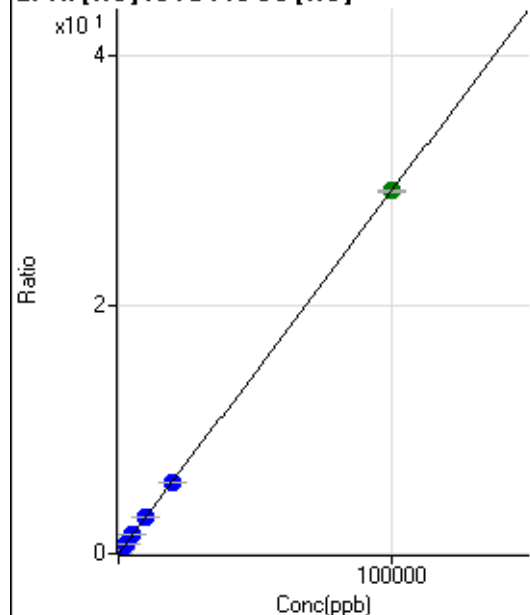
R = 1.0000

DL = 0.602

BEC = 1.193

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0001	P	65.0
2	☐	20.000	19.879	975.07	0.0059	P	5.2
3	☐	1000.000	988.461	48223.37	0.2881	P	3.3
4	☐	2500.000	2491.595	118192.15	0.7261	P	5.3
5	☐	5000.000	5053.092	222742.59	1.4724	P	0.4
6	☐	10000.000	10056.276	435541.97	2.9301	P	0.3
7	☐	20000.000	19587.311	868819.48	5.7070	P	0.4
8	☐	100000.00	100074.58	4657874.50	29.1573	A	0.8

$$y = 2.9135E-004 * x + 1.2097E-004$$

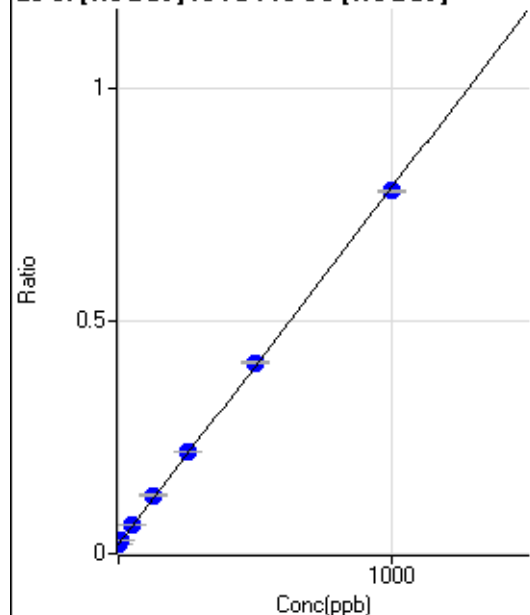
R = 1.0000

DL = 0.8096

BEC = 0.4152

Weight: <None>

Min Conc: 0

28 Si [NoGas] ISTD: 45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	79469.48	0.0201	P	1.0
2	☐	10.000	9.514	111796.65	0.0274	P	0.9
3	☐	50.000	54.965	261201.80	0.0623	P	0.5
4	☐	125.000	136.072	501693.71	0.1246	P	2.9
5	☐	250.000	258.674	829865.94	0.2187	P	0.4
6	☐	500.000	509.655	1516632.27	0.4113	P	0.5
7	☐	1000.000	991.377	2934199.83	0.7811	P	0.8
8	☐			141535.83	0.0368	P	1.2

$$y = 7.6756E-004 * x + 0.0201$$

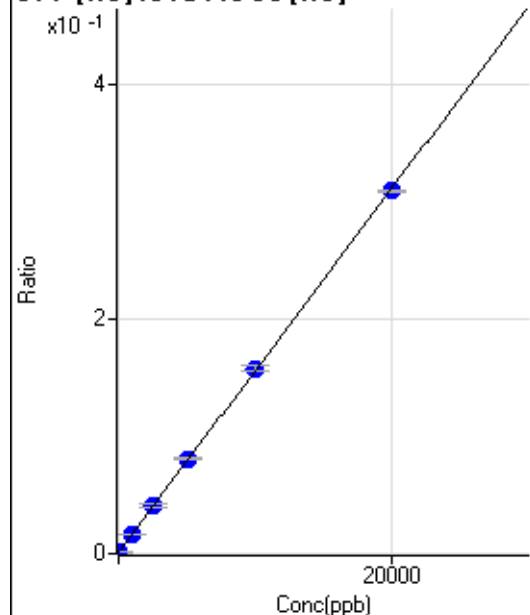
R = 0.9998

DL = 0.8034

BEC = 26.24

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-22.806	97.23	0.0006	P	17.2
2	☐	0.000	22.806	216.68	0.0013	P	23.7
3	☐	1000.000	1027.456	2825.40	0.0169	P	3.5
4	☐	2500.000	2602.883	6718.48	0.0413	P	6.8
5	☐	5000.000	5169.160	12261.07	0.0810	P	2.8
6	☐	10000.000	10111.407	23424.67	0.1576	P	2.9
7	☐	20000.000	19887.773	47053.13	0.3091	P	0.6
8	☐			113.89	0.0007	P	19.3

$$y = 1.5493E-005 * x + 9.5965E-004$$

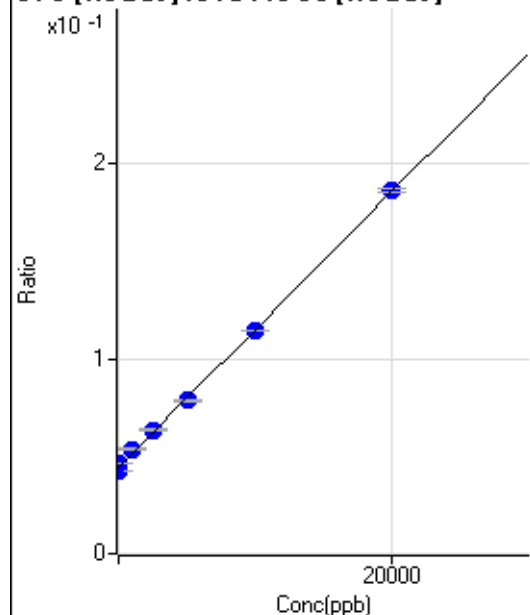
R = 0.9999

DL = 40.26

BEC = 61.94

Weight: <None>

Min Conc: 0

34 S [NoGas] ISTD:45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-266.764	168028.32	0.0426	P	0.7
2	☐	0.000	266.764	188854.77	0.0464	P	0.4
3	☐	1000.000	1315.960	225346.64	0.0538	P	1.7
4	☐	2500.000	2698.504	255938.79	0.0636	P	2.7
5	☐	5000.000	4814.415	297973.98	0.0785	P	1.0
6	☐	10000.000	9907.117	422306.46	0.1145	P	0.4
7	☐	20000.000	20052.227	699768.79	0.1863	P	1.1
8	☐			149538.06	0.0388	P	1.1

$$y = 7.0721\text{E-}006 * x + 0.0445$$

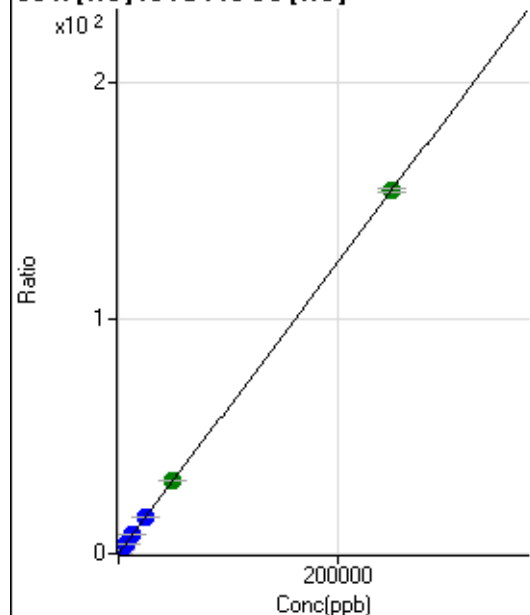
R = 0.9995

DL = 98.85

BEC = 6288

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	8247.09	0.0515	P	4.6
2	☐	500.000	490.159	58326.31	0.3536	P	0.7
3	☐	2500.000	2538.806	270596.63	1.6164	P	0.5
4	☐	6250.000	6421.608	652964.07	4.0098	P	4.3
5	☐	12500.000	12908.053	1211507.54	8.0082	P	1.0
6	☐	25000.000	25563.252	2349880.33	15.8090	P	0.6
7	☐	50000.000	50163.886	4715302.71	30.9731	A	0.6
8	☐	250000.00	249885.83	24614308.88	154.0843	A	1.1

$$y = 6.1641\text{E-}004 * x + 0.0515$$

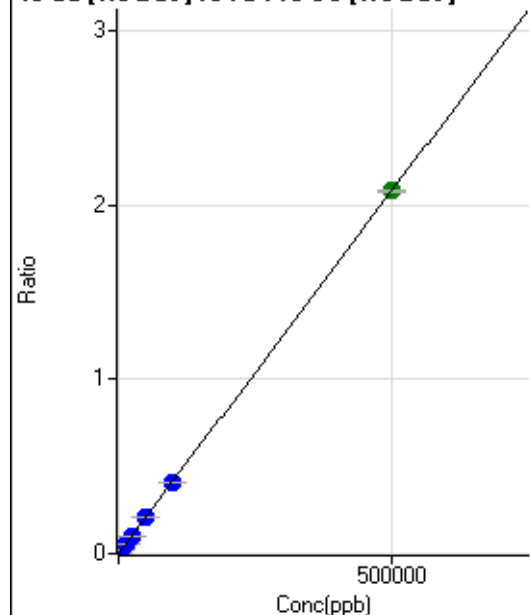
R = 1.0000

DL = 11.6

BEC = 83.51

Weight: <None>

Min Conc: 0

43 Ca [NoGas] ISTD:45 Sc [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	13.1
2	☐	500.000	472.746	8113.66	0.0020	P	2.7
3	☐	5000.000	4808.218	83837.42	0.0200	P	0.4
4	☐	12500.000	12660.300	211947.41	0.0526	P	2.8
5	☐	25000.000	24793.438	391043.09	0.1030	P	0.8
6	☐	50000.000	49699.796	761525.46	0.2065	P	0.8
7	☐	100000.00	97801.124	1526678.66	0.4064	P	0.5
8	☐	500000.00	500478.06	8005361.64	2.0795	A	0.9

$$y = 4.1550\text{E-}006 * x + 2.7453\text{E-}005$$

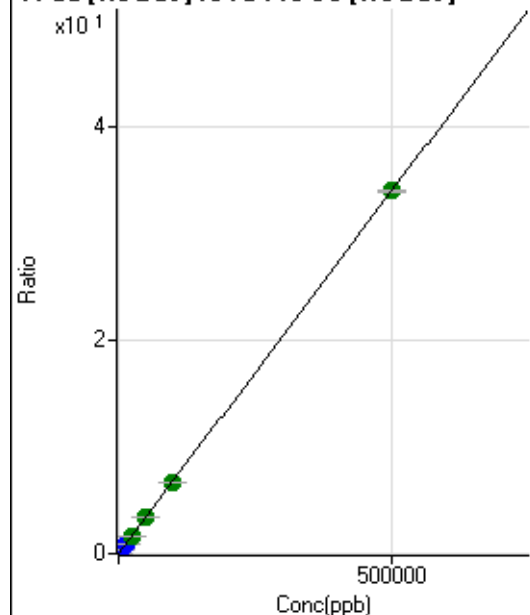
$$R = 1.0000$$

$$DL = 2.604$$

$$BEC = 6.607$$

Weight: <None>

Min Conc: 0

44 Ca [NoGas] ISTD:45 Sc [NoGas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6146.81	0.0016	P	7.5
2	☐	500.000	463.543	134898.75	0.0331	P	0.6
3	☐	5000.000	4769.417	1367070.76	0.3262	P	0.5
4	☐	12500.000	12520.957	3438873.47	0.8539	P	2.4
5	☐	25000.000	24707.340	6388464.77	1.6835	A	0.4
6	☐	50000.000	49646.257	12466786.65	3.3811	A	0.3
7	☐	100000.00	98001.277	25067209.06	6.6728	A	0.6
8	☐	500000.00	500451.57	131151429.3	34.0689	A	0.8

$$y = 6.8073\text{E-}005 * x + 0.0016$$

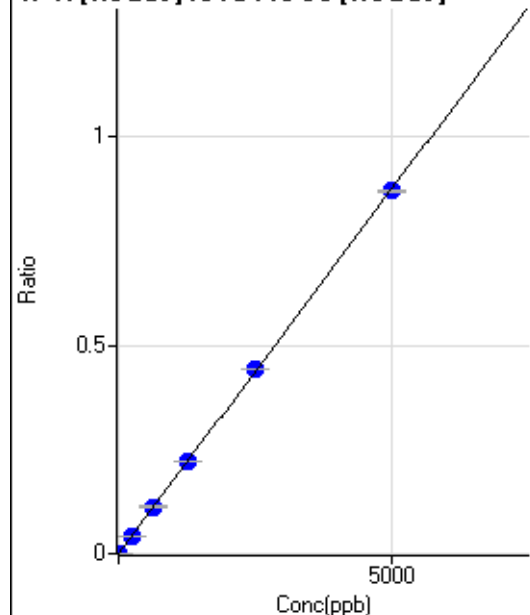
$$R = 1.0000$$

$$DL = 5.157$$

$$BEC = 22.88$$

Weight: <None>

Min Conc: 0

47 Ti [NoGas] ISTD: 45 Sc [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	86.4
2	☐	5.000	4.967	3581.14	0.0009	P	1.7
3	☐	250.000	248.351	182154.69	0.0435	P	1.3
4	☐	625.000	645.891	455244.63	0.1130	P	1.6
5	☐	1250.000	1267.494	841656.40	0.2218	P	0.1
6	☐	2500.000	2528.351	1631237.83	0.4424	P	0.2
7	☐	5000.000	4978.922	3272724.27	0.8712	P	0.9
8	☐			1972.44	0.0005	P	4.8

$$y = 1.7498\text{E-}004 * x + 9.8548\text{E-}006$$

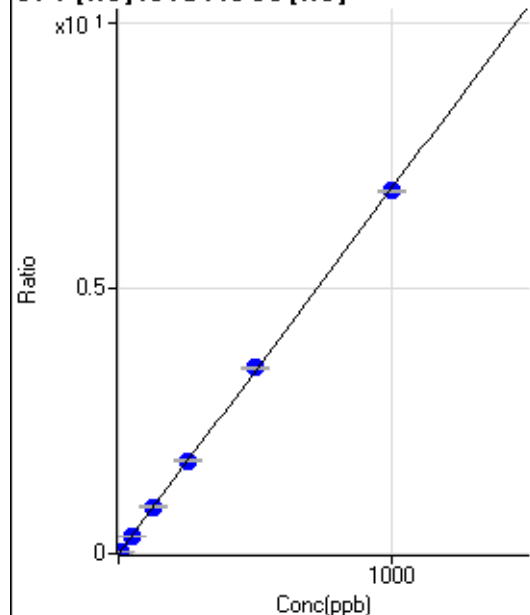
$$R = 1.0000$$

$$DL = 0.146$$

$$BEC = 0.05632$$

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	8.89	0.0001	P	56.9
2	☐	5.000	5.011	5695.63	0.0345	P	1.7
3	☐	50.000	49.830	57400.26	0.3429	P	0.4
4	☐	125.000	127.525	142865.71	0.8774	P	4.5
5	☐	250.000	255.369	265800.72	1.7570	P	0.5
6	☐	500.000	508.810	520366.88	3.5006	P	0.4
7	☐	1000.000	993.946	1041072.85	6.8384	P	0.4
8	☐			303.34	0.0019	P	18.4

$$y = 0.0069 * x + 5.5276\text{E-}005$$

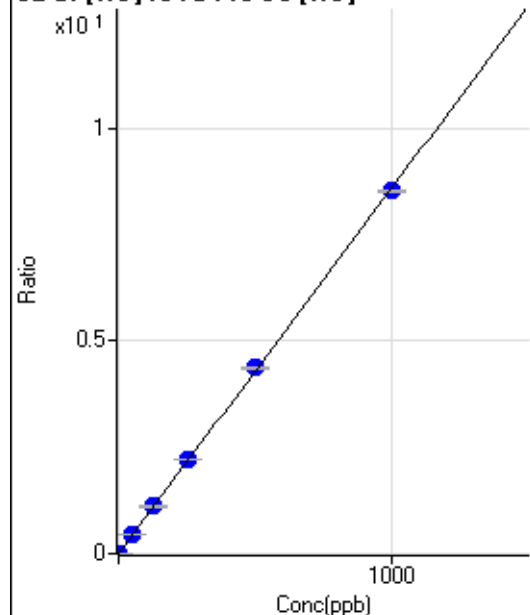
$$R = 0.9999$$

$$DL = 0.0137$$

$$BEC = 0.008034$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	201.12	0.0013	P	14.3
2	☐	2.000	1.929	2937.01	0.0178	P	0.9
3	☐	50.000	50.844	73244.04	0.4375	P	0.6
4	☐	125.000	129.375	180997.48	1.1114	P	3.8
5	☐	250.000	256.538	333198.34	2.2025	P	0.6
6	☐	500.000	508.713	649015.27	4.3663	P	0.5
7	☐	1000.000	993.420	1297905.11	8.5253	P	0.5
8	☐			25744.92	0.1612	P	1.2

$$y = 0.0086 * x + 0.0013$$

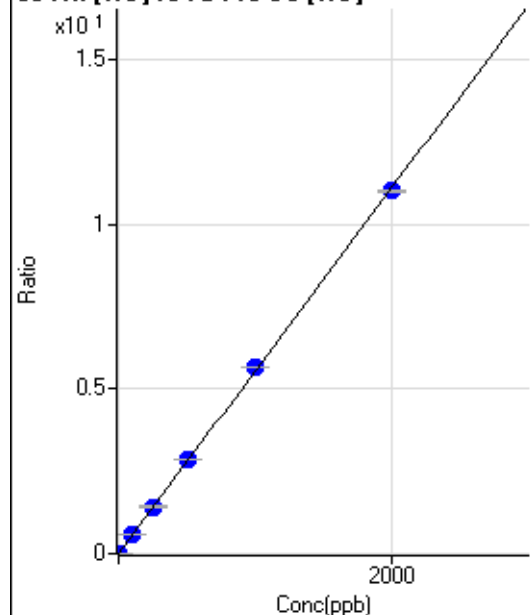
$$R = 0.9999$$

$$DL = 0.06292$$

$$BEC = 0.1462$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46.67	0.0003	P	37.2
2	☐	1.000	0.975	940.05	0.0057	P	7.2
3	☐	100.000	101.066	93898.02	0.5609	P	0.6
4	☐	250.000	255.742	231024.69	1.4189	P	4.5
5	☐	500.000	514.269	431590.52	2.8529	P	0.2
6	☐	1000.000	1020.991	841846.17	5.6636	P	0.6
7	☐	2000.000	1985.166	1676428.66	11.0118	P	0.4
8	☐			7071.80	0.0443	P	2.1

$$y = 0.0055 * x + 2.9080E-004$$

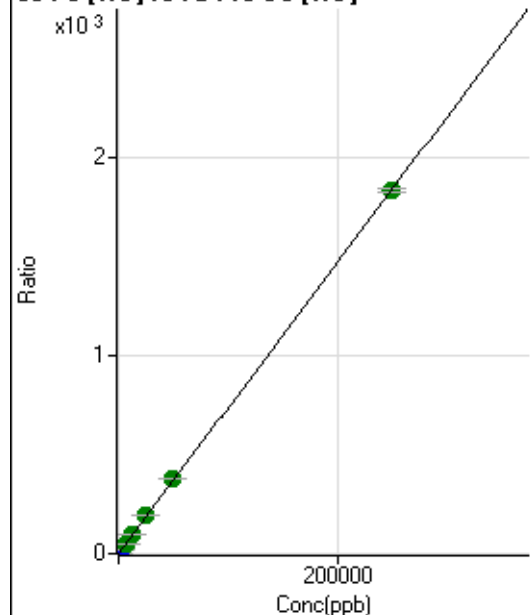
$$R = 0.9999$$

$$DL = 0.05857$$

$$BEC = 0.05243$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1748.30	0.0109	P	1.8
2	☐	50.000	53.425	66591.70	0.4037	P	1.2
3	☐	2500.000	2607.226	3211090.15	19.1815	P	0.5
4	☐	6250.000	6576.515	7876880.96	48.3671	A	3.9
5	☐	12500.000	13250.133	14740479.03	97.4374	A	0.1
6	☐	25000.000	26365.865	28818299.49	193.8756	A	0.4
7	☐	50000.000	51371.527	57506411.93	377.7389	A	0.7
8	☐	250000.00	249542.36	293112425.0	1,834.862	A	1.0

$$y = 0.0074 * x + 0.0109$$

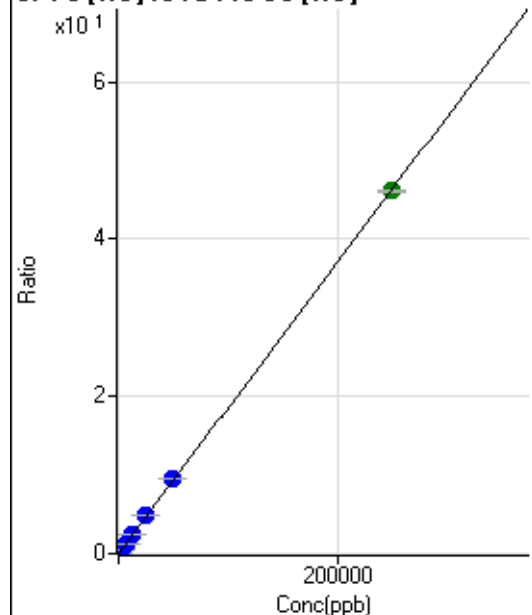
$$R = 1.0000$$

$$DL = 0.07818$$

$$BEC = 1.484$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	114.82	0.0007	P	31.5
2	☐	50.000	53.094	1737.19	0.0105	P	8.5
3	☐	2500.000	2604.010	80730.67	0.4822	P	0.9
4	☐	6250.000	6666.439	200840.93	1.2335	P	4.5
5	☐	12500.000	13321.560	372779.72	2.4641	P	1.0
6	☐	25000.000	26466.780	727599.95	4.8950	P	0.4
7	☐	50000.000	51348.196	1445661.83	9.4960	P	0.6
8	☐	250000.00	249531.15	7371486.04	46.1441	A	0.8

$$y = 1.8492E-004 * x + 7.1513E-004$$

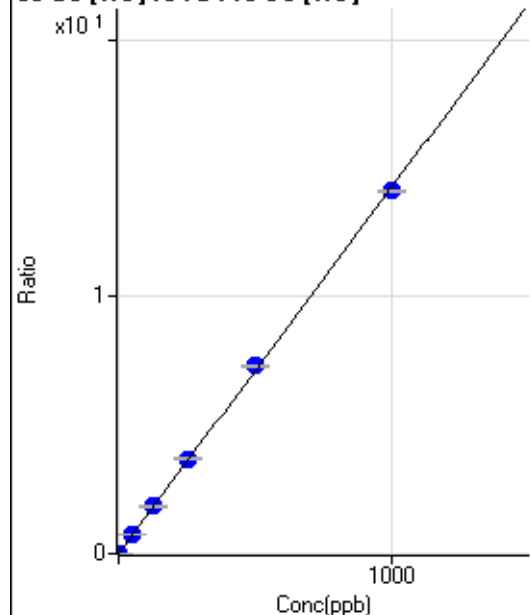
$$R = 1.0000$$

$$DL = 3.657$$

$$BEC = 3.867$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0002	P	25.7
2	☐	1.000	0.984	2348.00	0.0142	P	3.0
3	☐	50.000	51.844	123818.02	0.7396	P	1.0
4	☐	125.000	130.365	302806.71	1.8595	P	4.2
5	☐	250.000	259.373	559671.30	3.6995	P	0.6
6	☐	500.000	512.155	1085780.20	7.3048	P	0.7
7	☐	1000.000	990.816	2151399.97	14.1317	P	0.2
8	☐			26582.08	0.1664	P	1.4

$$y = 0.0143 * x + 2.0770E-004$$

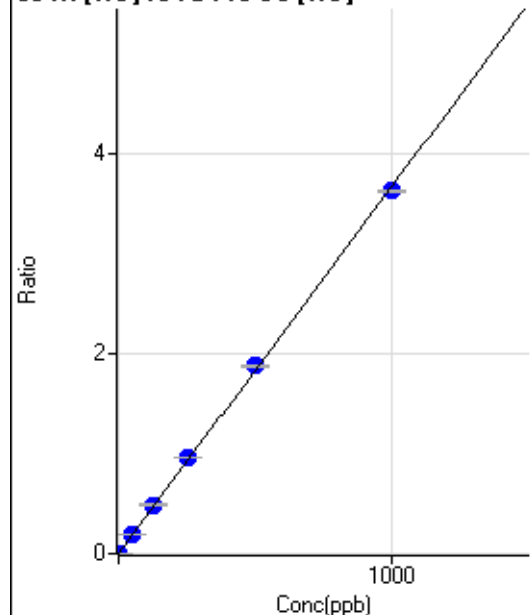
$$R = 0.9998$$

$$DL = 0.01124$$

$$BEC = 0.01456$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.01	0.0006	P	16.0
2	☐	1.000	1.156	802.26	0.0049	P	2.2
3	☐	50.000	52.770	32507.19	0.1942	P	1.7
4	☐	125.000	132.658	79332.07	0.4872	P	4.5
5	☐	250.000	262.090	145529.13	0.9620	P	0.5
6	☐	500.000	512.818	279686.33	1.8817	P	0.8
7	☐	1000.000	989.473	552640.04	3.6300	P	0.3
8	☐			11531.35	0.0722	P	1.2

$$y = 0.0037 * x + 6.2458E-004$$

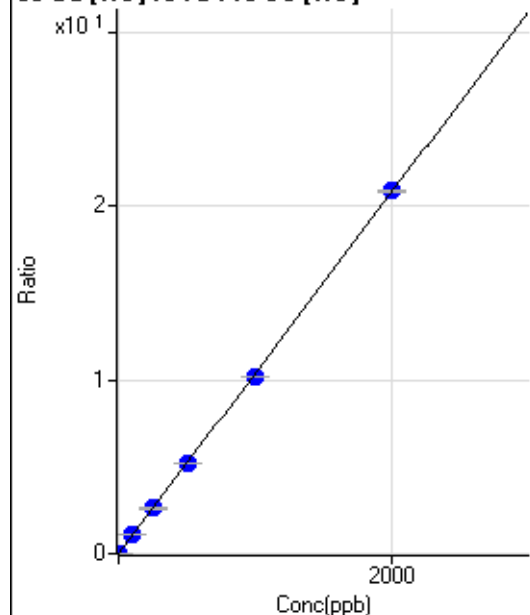
$$R = 0.9998$$

$$DL = 0.08166$$

$$BEC = 0.1703$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	401.13	0.0025	P	12.2
2	☐	2.000	1.930	3720.53	0.0226	P	0.7
3	☐	100.000	101.502	176985.69	1.0572	P	0.6
4	☐	250.000	253.880	429925.83	2.6406	P	4.7
5	☐	500.000	502.323	790032.21	5.2223	P	0.2
6	☐	1000.000	979.890	1513874.75	10.1848	P	0.6
7	☐	2000.000	2008.914	3178424.85	20.8776	P	0.3
8	☐			5277.70	0.0330	P	2.6

$$y = 0.0104 * x + 0.0025$$

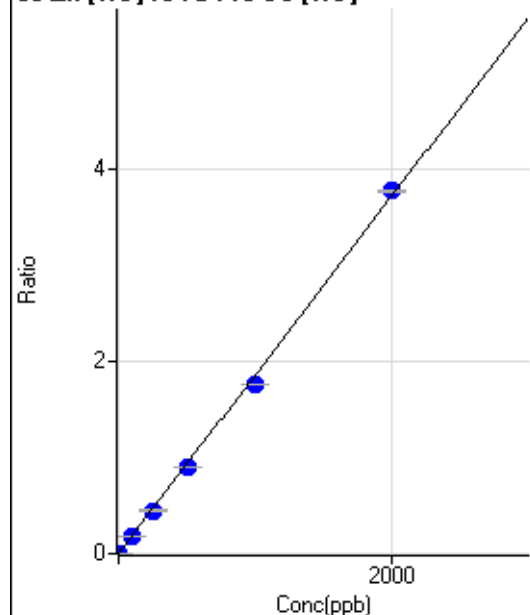
$$R = 0.9999$$

$$DL = 0.08829$$

$$BEC = 0.2408$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	245.56	0.0015	P	11.7
2	☐	2.000	1.782	800.03	0.0049	P	7.1
3	☐	100.000	95.456	29993.28	0.1792	P	0.7
4	☐	250.000	240.662	73146.56	0.4494	P	5.5
5	☐	500.000	481.715	135842.23	0.8979	P	0.9
6	☐	1000.000	948.946	262722.22	1.7674	P	0.2
7	☐	2000.000	2031.493	575755.54	3.7819	P	0.5
8	☐			7155.19	0.0448	P	2.4

$$y = 0.0019 * x + 0.0015$$

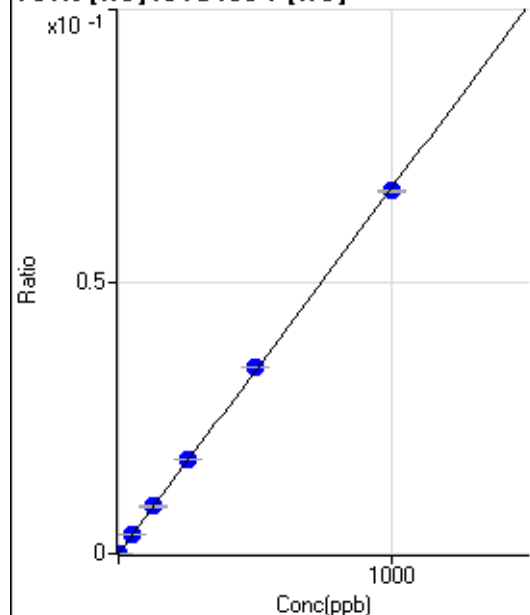
$$R = 0.9995$$

$$DL = 0.2898$$

$$BEC = 0.824$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.41	0.0000	P	86.8
2	☐	1.000	0.955	166.05	0.0001	P	15.9
3	☐	50.000	51.353	8690.94	0.0035	P	2.7
4	☐	125.000	129.668	21506.70	0.0087	P	4.7
5	☐	250.000	256.712	39804.94	0.0172	P	0.5
6	☐	500.000	509.507	78072.65	0.0342	P	0.4
7	☐	1000.000	992.917	154312.21	0.0667	P	0.9
8	☐			219.76	0.0001	P	10.2

$$y = 6.7166\text{E-}005 * x + 3.0875\text{E-}006$$

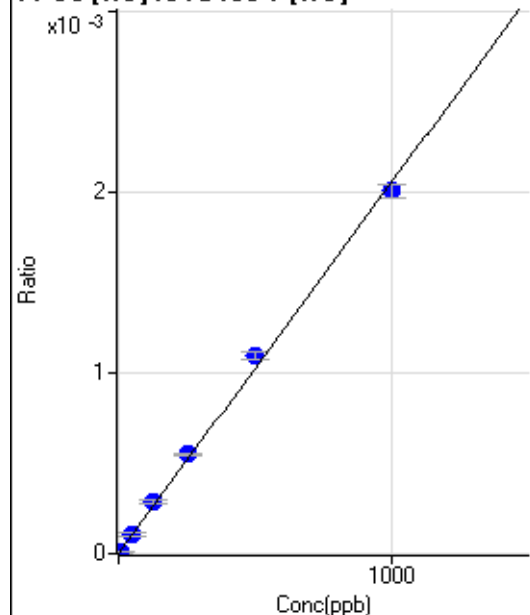
$$R = 0.9999$$

$$DL = 0.1198$$

$$BEC = 0.04597$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.034	26.67	0.0000	P	21.4
3	☐	50.000	52.012	270.01	0.0001	P	25.6
4	☐	125.000	138.035	701.14	0.0003	P	6.8
5	☐	250.000	268.047	1271.19	0.0006	P	2.3
6	☐	500.000	532.690	2495.81	0.0011	P	4.2
7	☐	1000.000	977.413	4644.16	0.0020	P	3.5
8	☐			4.44	0.0000	P	115.

$$y = 2.0528\text{E-}006 * x + 4.6313\text{E-}007$$

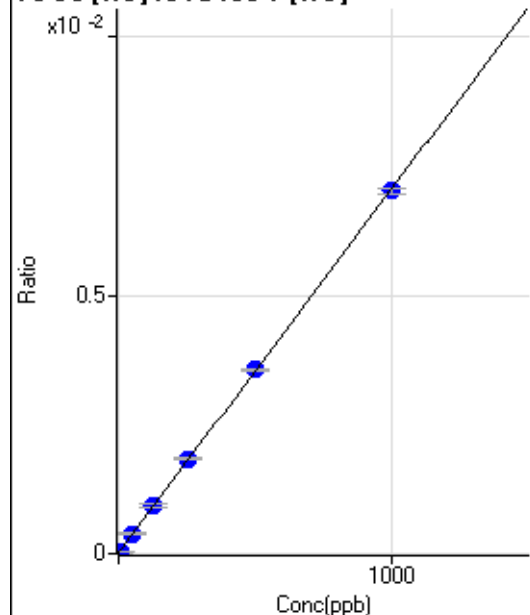
$$R = 0.9989$$

$$DL = 1.172$$

$$BEC = 0.2256$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.36	0.0000	P	15.7
2	☐	5.000	4.548	121.61	0.0000	P	17.1
3	☐	50.000	52.293	969.79	0.0004	P	3.2
4	☐	125.000	129.702	2295.88	0.0009	P	5.6
5	☐	250.000	259.148	4249.43	0.0018	P	1.1
6	☐	500.000	503.660	8125.17	0.0036	P	1.1
7	☐	1000.000	995.183	16246.21	0.0070	P	1.4
8	☐			38.89	0.0000	P	13.5

$$y = 7.0379\text{E-}006 * x + 1.7224\text{E-}005$$

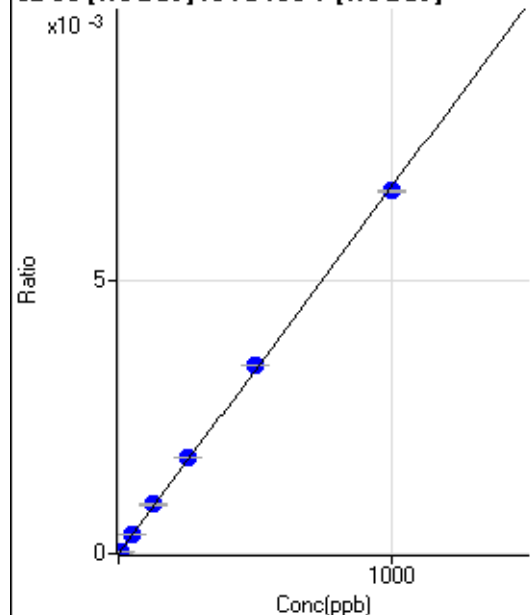
$$R = 0.9999$$

$$DL = 1.151$$

$$BEC = 2.447$$

Weight: <None>

Min Conc: 0

82 Se [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	26.5
2	☐	5.000	5.281	682.95	0.0000	P	5.0
3	☐	50.000	52.340	6532.48	0.0004	P	2.0
4	☐	125.000	133.877	16099.85	0.0009	P	4.0
5	☐	250.000	262.376	30271.84	0.0018	P	0.3
6	☐	500.000	512.930	58510.34	0.0034	P	0.7
7	☐	1000.000	989.213	115004.34	0.0066	P	0.5
8	☐			154.98	0.0000	P	30.7

$$y = 6.6926\text{E-}006 * x + 2.5563\text{E-}006$$

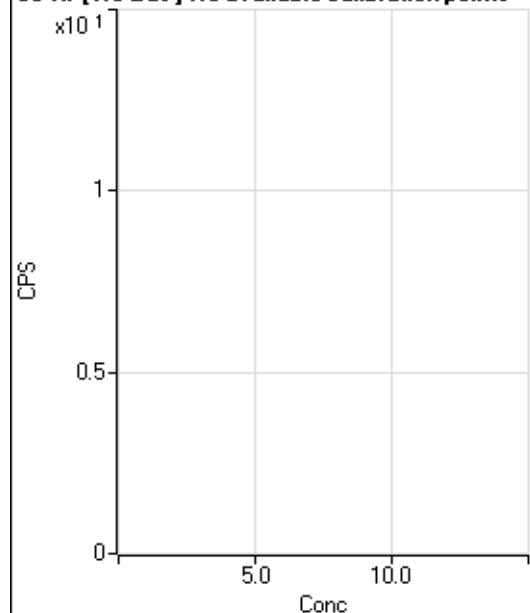
$$R = 0.9998$$

$$DL = 0.3032$$

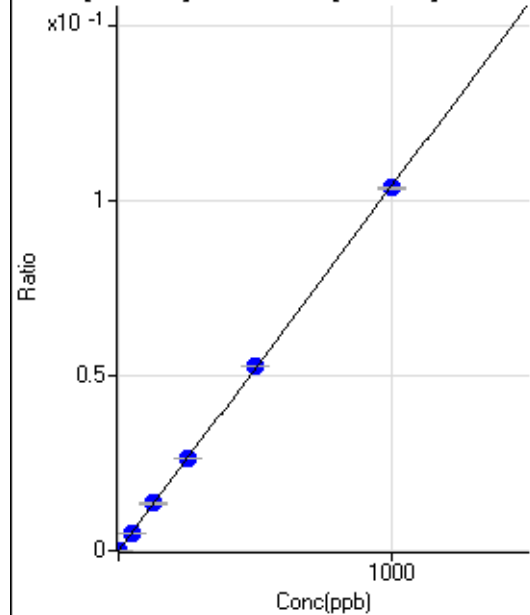
$$BEC = 0.382$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	15.8
2	☐			172.23		P	14.7
3	☐			163.34		P	10.2
4	☐			164.45		P	26.5
5	☐			188.89		P	15.2
6	☐			171.11		P	9.6
7	☐			145.56		P	9.3
8	☐			180.00		P	13.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	275.01	0.0000	P	6.1
2	☐	1.000	0.993	2150.25	0.0001	P	1.5
3	☐	50.000	49.026	94828.69	0.0051	P	0.6
4	☐	125.000	129.620	242276.53	0.0135	P	2.1
5	☐	250.000	253.524	454895.40	0.0264	P	0.7
6	☐	500.000	505.812	897681.36	0.0527	P	0.6
7	☐	1000.000	995.684	1801350.80	0.1037	P	0.4
8	☐			8158.19	0.0005	P	3.2

$$y = 1.0417\text{E-}004 * x + 1.5818\text{E-}005$$

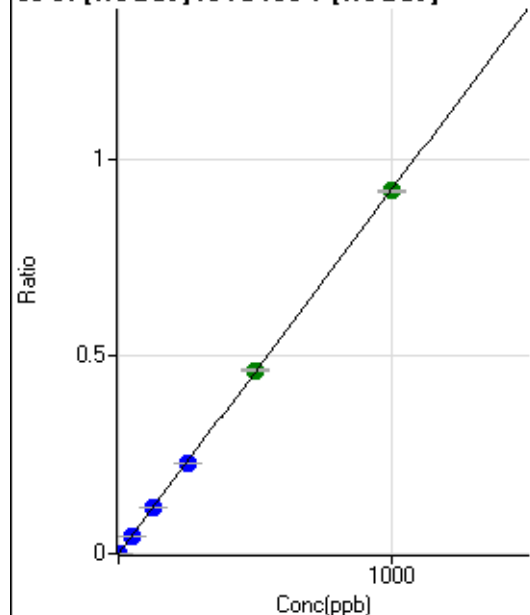
$$R = 1.0000$$

$$DL = 0.02792$$

$$BEC = 0.1519$$

Weight: <None>

Min Conc: 0

88 Sr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0000	P	12.0
2	☐	1.000	0.940	15767.52	0.0009	P	1.5
3	☐	50.000	48.824	833050.61	0.0450	P	0.7
4	☐	125.000	128.064	2115343.62	0.1180	P	2.1
5	☐	250.000	249.920	3964946.66	0.2303	P	0.4
6	☐	500.000	504.461	7918232.81	0.4649	A	0.2
7	☐	1000.000	997.465	15962368.59	0.9192	A	0.7
8	☐			69775.78	0.0040	P	1.2

$$y = 9.2158\text{E-}004 * x + 8.3086\text{E-}006$$

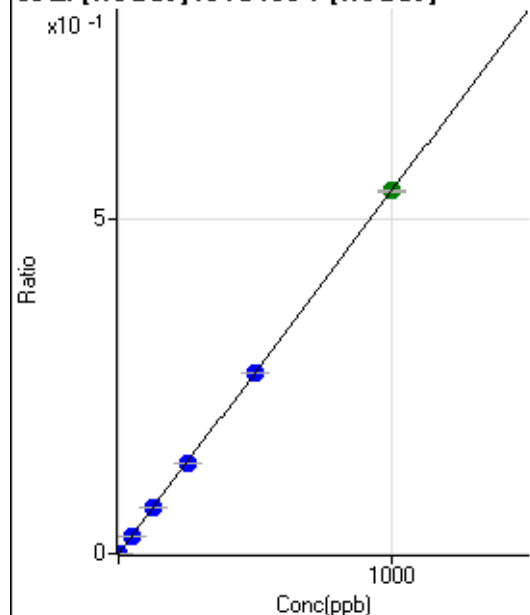
$$R = 1.0000$$

$$DL = 0.003249$$

$$BEC = 0.009016$$

Weight: <None>

Min Conc: 0

90 Zr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	702.83	0.0000	P	7.6
2	☐	1.000	0.767	8205.48	0.0005	P	2.9
3	☐	50.000	48.710	488407.09	0.0264	P	0.2
4	☐	125.000	128.117	1242638.12	0.0693	P	1.7
5	☐	250.000	249.700	2325449.38	0.1351	P	0.5
6	☐	500.000	498.289	4590673.06	0.2695	P	0.1
7	☐	1000.000	1000.606	9397926.08	0.5412	A	0.3
8	☐			4631.53	0.0003	P	1.7

$$y = 5.4084\text{E-}004 * x + 4.0426\text{E-}005$$

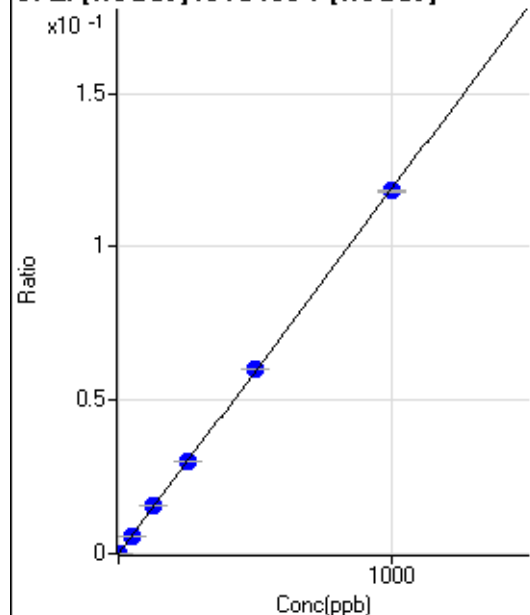
$$R = 1.0000$$

$$DL = 0.01699$$

$$BEC = 0.07475$$

Weight: <None>

Min Conc: 0

91 Zr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	43.9
2	☐	1.000	0.789	1855.75	0.0001	P	3.2
3	☐	50.000	49.376	108677.00	0.0059	P	0.9
4	☐	125.000	130.812	278514.92	0.0155	P	1.7
5	☐	250.000	253.252	517731.74	0.0301	P	0.1
6	☐	500.000	506.176	1023652.19	0.0601	P	0.3
7	☐	1000.000	995.404	2052214.24	0.1182	P	0.3
8	☐			983.41	0.0001	P	28.5

$$y = 1.1872\text{E-}004 * x + 9.2662\text{E-}006$$

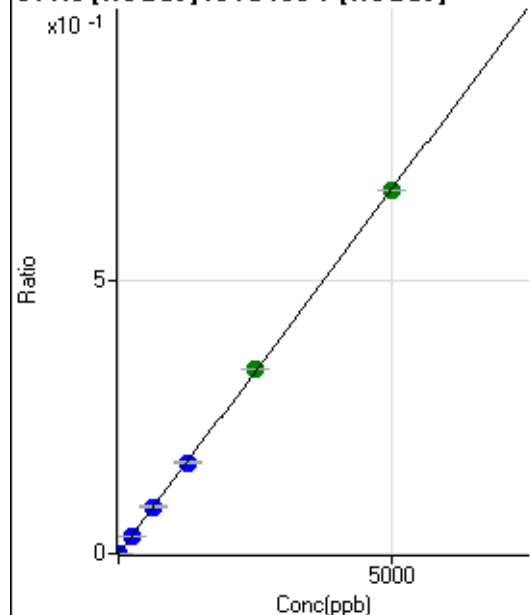
R = 0.9999

DL = 0.1029

BEC = 0.07805

Weight: <None>

Min Conc: 0

94 Mo [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	294.46	0.0000	P	9.9
2	☐	5.000	4.489	11110.30	0.0006	P	0.8
3	☐	250.000	244.153	603889.19	0.0326	P	0.2
4	☐	625.000	640.523	1533273.54	0.0856	P	2.6
5	☐	1250.000	1253.819	2882844.53	0.1675	P	0.6
6	☐	2500.000	2530.257	5755597.61	0.3379	A	0.2
7	☐	5000.000	4982.269	11554361.37	0.6654	A	0.2
8	☐			10095.61	0.0006	P	7.1

$$y = 1.3355\text{E-}004 * x + 1.6936\text{E-}005$$

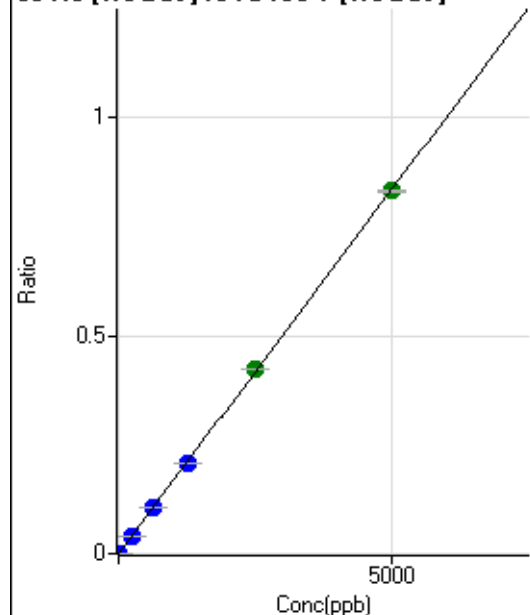
R = 1.0000

DL = 0.03773

BEC = 0.1268

Weight: <None>

Min Conc: 0

95 Mo [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.90	0.0000	P	10.7
2	☐	5.000	4.606	14012.98	0.0008	P	1.9
3	☐	250.000	242.976	750201.11	0.0405	P	0.4
4	☐	625.000	635.287	1898767.81	0.1059	P	2.1
5	☐	1250.000	1244.328	3572130.46	0.2075	P	0.2
6	☐	2500.000	2528.224	7180632.45	0.4216	A	0.1
7	☐	5000.000	4986.372	14438723.76	0.8315	A	0.5
8	☐			14224.28	0.0008	P	5.3

$$y = 1.6675E-004 * x + 9.4274E-006$$

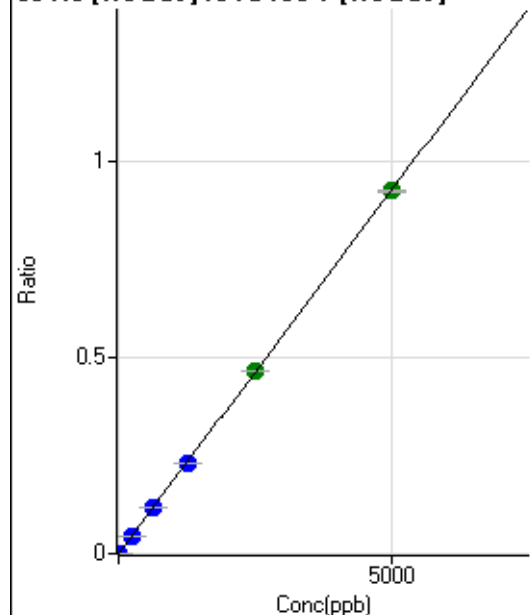
$$R = 1.0000$$

$$DL = 0.01808$$

$$BEC = 0.05653$$

Weight: <None>

Min Conc: 0

96 Mo [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.45	0.0000	P	28.3
2	☐	5.000	4.490	15133.61	0.0008	P	0.8
3	☐	250.000	243.866	834656.91	0.0451	P	0.5
4	☐	625.000	637.221	2111334.66	0.1178	P	1.8
5	☐	1250.000	1244.411	3960037.28	0.2300	P	0.3
6	☐	2500.000	2516.335	7922489.24	0.4652	A	0.2
7	☐	5000.000	4992.009	16023702.27	0.9228	A	0.7
8	☐			20779.81	0.0012	P	5.3

$$y = 1.8485E-004 * x + 9.7455E-006$$

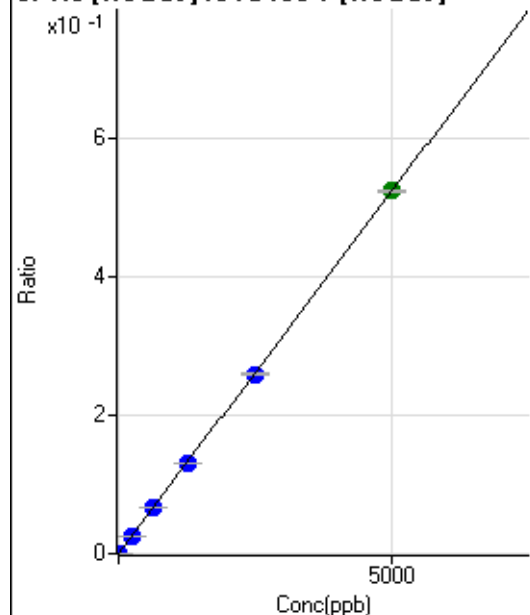
$$R = 1.0000$$

$$DL = 0.04483$$

$$BEC = 0.05272$$

Weight: <None>

Min Conc: 0

97 Mo [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	49.9
2	☐	5.000	4.699	8914.32	0.0005	P	1.9
3	☐	250.000	243.845	471414.98	0.0255	P	0.5
4	☐	625.000	638.090	1194246.45	0.0666	P	2.1
5	☐	1250.000	1245.814	2239526.53	0.1301	P	0.6
6	☐	2500.000	2482.017	4414376.45	0.2592	P	0.0
7	☐	5000.000	5008.710	9082219.99	0.5230	A	0.5
8	☐			8855.86	0.0005	P	3.4

$$y = 1.0442\text{E-}004 * x + 3.9941\text{E-}006$$

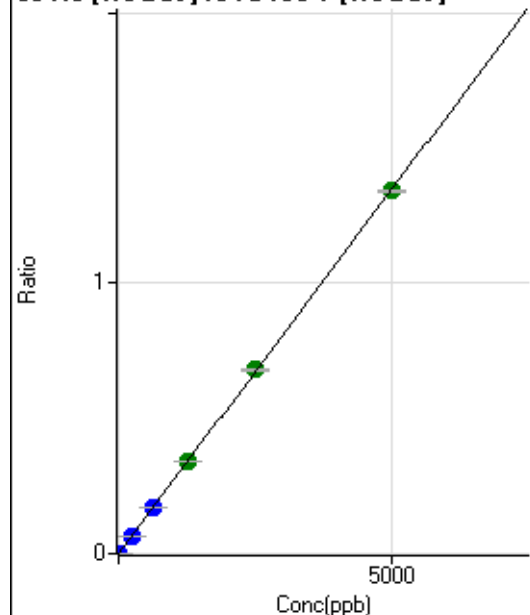
$$R = 1.0000$$

$$DL = 0.05729$$

$$BEC = 0.03825$$

Weight: <None>

Min Conc: 0

98 Mo [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.79	0.0000	P	23.4
2	☐	5.000	4.501	22053.84	0.0012	P	1.6
3	☐	250.000	243.414	1213496.94	0.0656	P	0.7
4	☐	625.000	636.250	3070578.45	0.1713	P	2.1
5	☐	1250.000	1262.492	5852034.33	0.3399	A	0.3
6	☐	2500.000	2523.712	11573895.92	0.6795	A	0.2
7	☐	5000.000	4983.945	23303026.56	1.3420	A	0.6
8	☐			22401.67	0.0013	P	3.7

$$y = 2.6926\text{E-}004 * x + 1.1665\text{E-}005$$

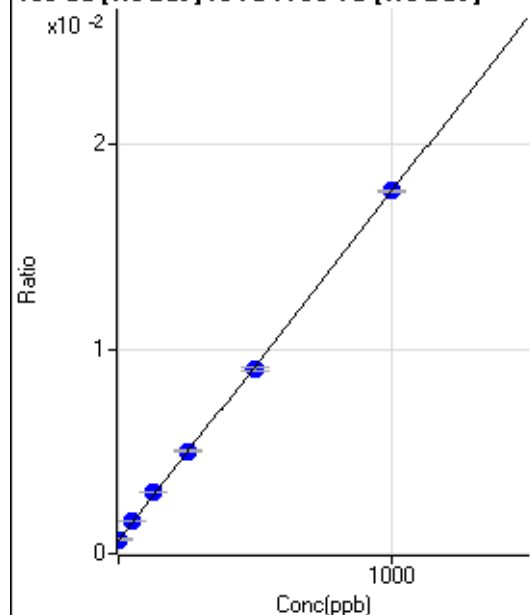
$$R = 1.0000$$

$$DL = 0.0304$$

$$BEC = 0.04332$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6532.33	0.0006	P	4.9
2	☐	1.000	3.071	7116.03	0.0007	P	2.7
3	☐	50.000	54.273	16602.04	0.0016	P	1.6
4	☐	125.000	138.036	31240.67	0.0030	P	1.3
5	☐	250.000	254.503	51357.80	0.0050	P	1.7
6	☐	500.000	490.700	94765.93	0.0090	P	1.4
7	☐	1000.000	1001.679	190577.38	0.0177	P	0.5
8	☐			6490.65	0.0006	P	4.7

$$y = 1.7044\text{E-}005 * x + 6.4828\text{E-}004$$

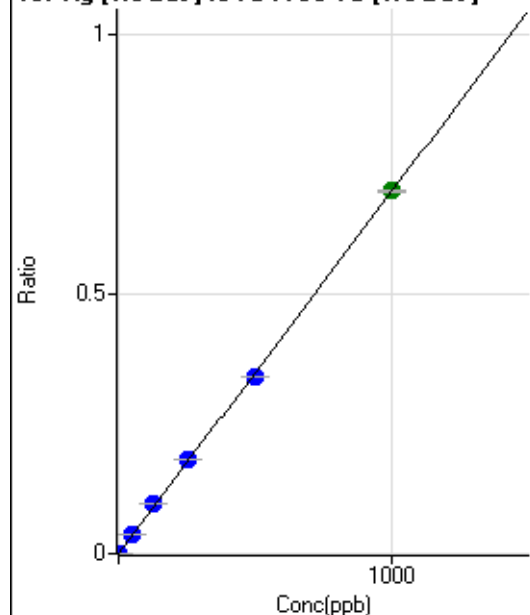
$$R = 0.9998$$

$$DL = 5.568$$

$$BEC = 38.04$$

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	141.67	0.0000	P	27.1
2	☐	1.000	1.136	8188.83	0.0008	P	0.8
3	☐	50.000	53.690	395289.61	0.0375	P	0.4
4	☐	125.000	137.226	996461.97	0.0957	P	1.5
5	☐	250.000	258.323	1855963.91	0.1802	P	0.1
6	☐	500.000	487.816	3577983.37	0.3402	P	0.4
7	☐	1000.000	1002.299	7517970.57	0.6991	A	0.7
8	☐			1614.05	0.0002	P	10.2

$$y = 6.9743\text{E-}004 * x + 1.4064\text{E-}005$$

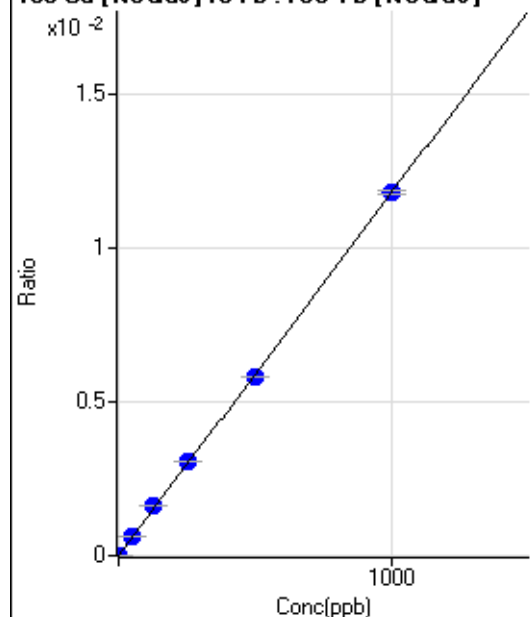
$$R = 0.9998$$

$$DL = 0.01641$$

$$BEC = 0.02017$$

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	18.05	0.0000	P	26.6
2	☐	1.000	1.100	150.00	0.0000	P	5.0
3	☐	50.000	51.877	6472.44	0.0006	P	1.3
4	☐	125.000	137.048	16837.98	0.0016	P	2.2
5	☐	250.000	258.820	31449.15	0.0031	P	1.0
6	☐	500.000	493.104	61153.67	0.0058	P	0.6
7	☐	1000.000	999.643	126756.37	0.0118	P	1.2
8	☐			51.39	0.0000	P	20.8

$$y = 1.1789E-005 * x + 1.7914E-006$$

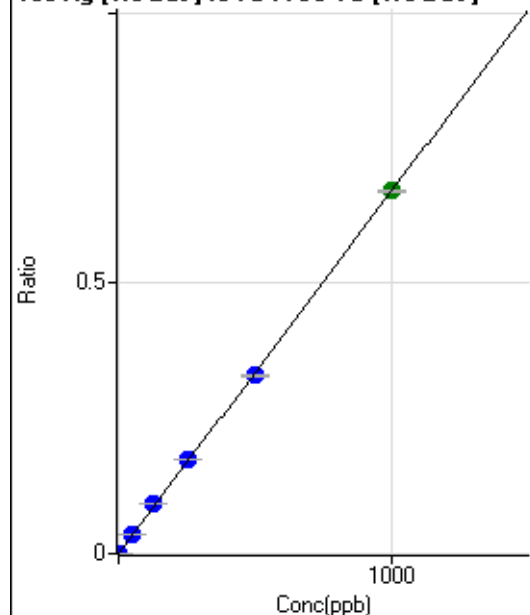
$$R = 0.9999$$

$$DL = 0.1212$$

$$BEC = 0.152$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	44.4
2	☐	1.000	1.113	7624.59	0.0008	P	1.6
3	☐	50.000	53.713	380030.11	0.0360	P	0.7
4	☐	125.000	136.489	952562.89	0.0915	P	1.6
5	☐	250.000	259.277	1790458.16	0.1738	P	0.2
6	☐	500.000	490.661	3459099.77	0.3289	P	0.8
7	☐	1000.000	1000.728	7214948.86	0.6709	A	0.4
8	☐			1464.03	0.0001	P	10.0

$$y = 6.7037E-004 * x + 4.6857E-006$$

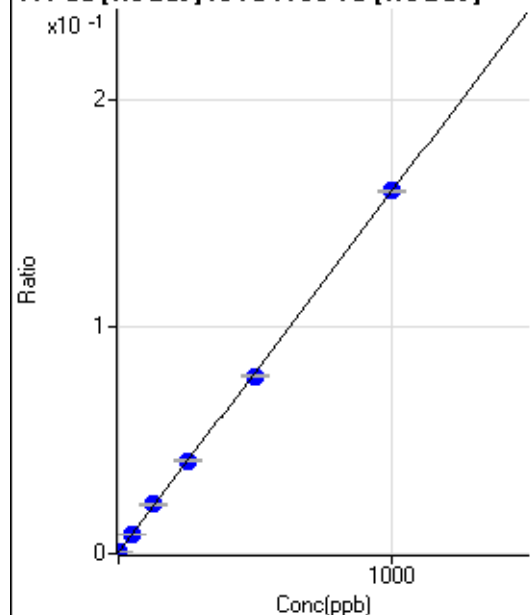
$$R = 0.9998$$

$$DL = 0.009313$$

$$BEC = 0.00699$$

Weight: <None>

Min Conc: 0

111 Cd [NoGas] ISTD:159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4575.27	0.0005	P	4.9
2	☐	1.000	1.195	6543.03	0.0006	P	3.5
3	☐	50.000	52.875	93587.89	0.0089	P	0.3
4	☐	125.000	133.998	226717.39	0.0218	P	1.8
5	☐	250.000	255.111	422874.26	0.0411	P	0.9
6	☐	500.000	490.016	824870.68	0.0784	P	0.4
7	☐	1000.000	1002.446	1720597.70	0.1600	P	0.6
8	☐			5028.34	0.0005	P	4.6

$$y = 1.5914\text{E-}004 * x + 4.5406\text{E-}004$$

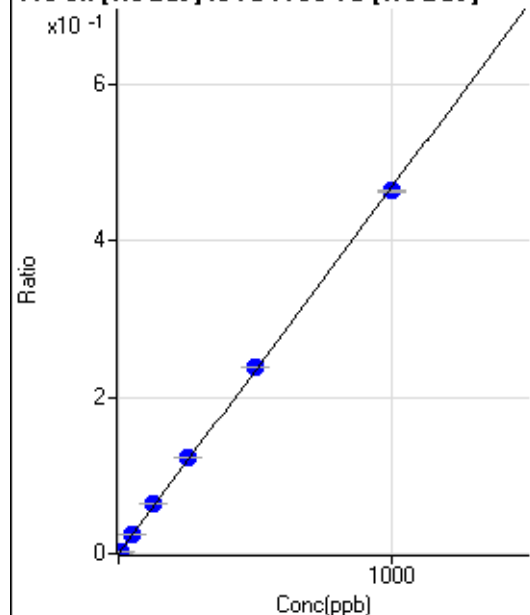
$$R = 0.9999$$

$$DL = 0.4221$$

$$BEC = 2.853$$

Weight: <None>

Min Conc: 0

118 Sn [NoGas] ISTD:159 Tb [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1011.20	0.0001	P	9.3
2	☐	5.000	5.224	25843.94	0.0025	P	1.3
3	☐	50.000	52.672	261074.43	0.0247	P	0.2
4	☐	125.000	136.474	665680.04	0.0639	P	1.5
5	☐	250.000	263.520	1270877.97	0.1234	P	0.3
6	☐	500.000	508.009	2500268.11	0.2378	P	0.4
7	☐	1000.000	991.047	4987114.13	0.4637	P	0.3
8	☐			4070.21	0.0004	P	7.9

$$y = 4.6781\text{E-}004 * x + 1.0036\text{E-}004$$

$$R = 0.9998$$

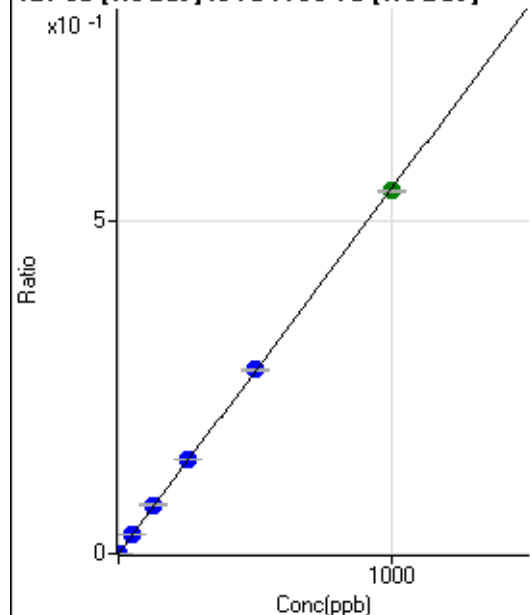
$$DL = 0.06012$$

$$BEC = 0.2145$$

Weight: <None>

Min Conc: 0

121 Sb [NoGas] ISTD : 159 Tb [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.45	0.0000	P	10.2
2	☐	2.000	1.915	10807.34	0.0011	P	2.3
3	☐	50.000	51.601	297922.53	0.0282	P	0.4
4	☐	125.000	133.892	762353.62	0.0732	P	1.4
5	☐	250.000	259.422	1461399.97	0.1419	P	0.4
6	☐	500.000	503.578	2895993.03	0.2754	P	0.6
7	☐	1000.000	994.664	5849628.82	0.5439	A	0.3
8	☐			10056.79	0.0010	P	4.0

$$y = 5.4682\text{E-}004 * x + 1.6816\text{E-}005$$

$$R = 0.9999$$

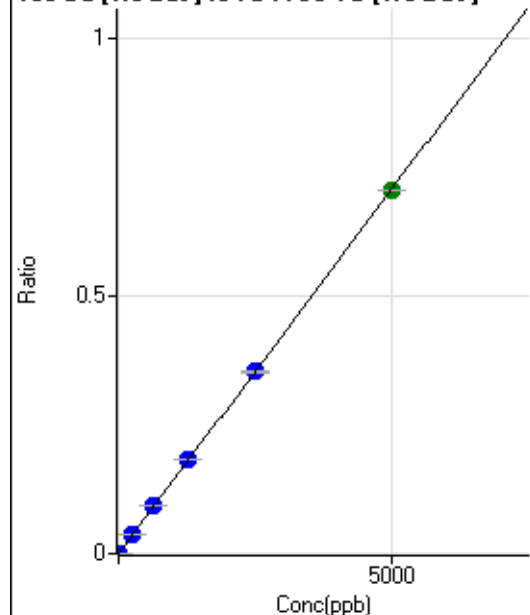
$$DL = 0.009377$$

$$BEC = 0.03075$$

Weight: <None>

Min Conc: 0

135 Ba [NoGas] ISTD : 159 Tb [NoGas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0000	P	5.8
2	☐	10.000	9.952	14491.46	0.0014	P	4.4
3	☐	250.000	256.042	381895.02	0.0362	P	0.4
4	☐	625.000	666.170	979850.49	0.0941	P	1.9
5	☐	1250.000	1291.597	1879648.00	0.1825	P	0.6
6	☐	2500.000	2506.745	3724108.20	0.3541	P	1.0
7	☐	5000.000	4980.780	7567190.28	0.7036	A	0.2
8	☐			3033.81	0.0003	P	6.3

$$y = 1.4126\text{E-}004 * x + 2.0950\text{E-}005$$

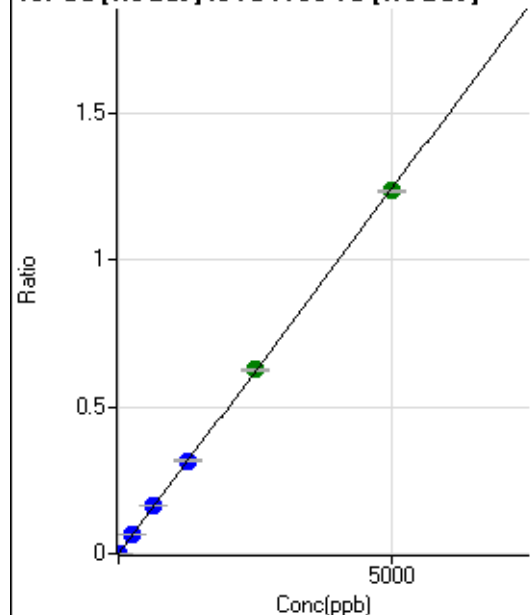
$$R = 0.9999$$

$$DL = 0.02597$$

$$BEC = 0.1483$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	325.02	0.0000	P	11.9
2	☐	10.000	9.898	25287.67	0.0025	P	2.4
3	☐	250.000	253.945	665625.45	0.0631	P	0.4
4	☐	625.000	660.601	1707745.79	0.1640	P	1.2
5	☐	1250.000	1276.847	3265746.84	0.3170	P	0.4
6	☐	2500.000	2525.781	6594864.34	0.6271	A	0.8
7	☐	5000.000	4975.751	13285995.09	1.2354	A	0.4
8	☐			5017.80	0.0005	P	8.2

$$y = 2.4827E-004 * x + 3.2259E-005$$

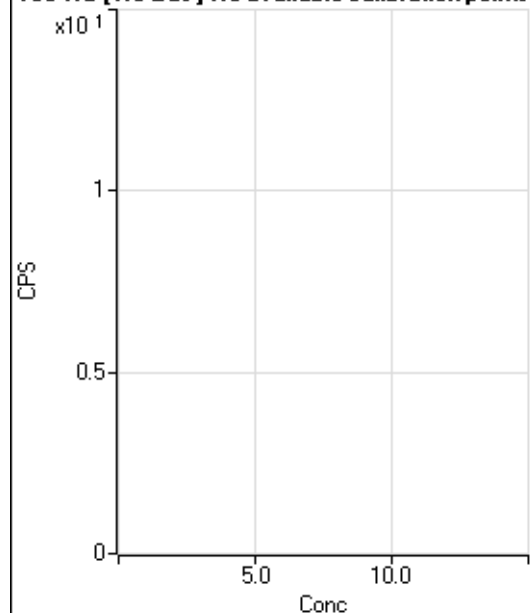
$$R = 0.9999$$

$$DL = 0.04644$$

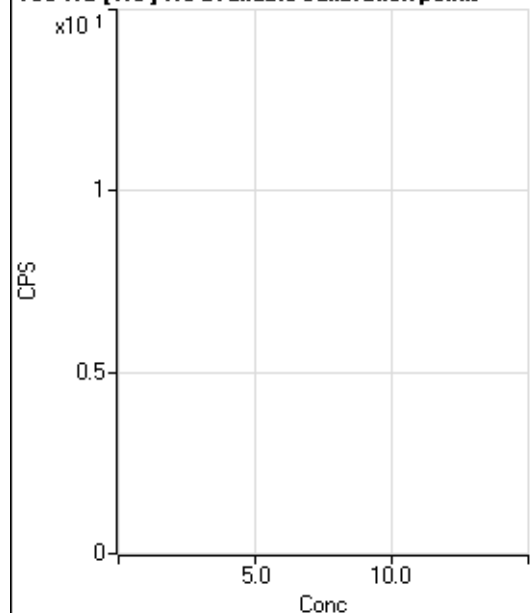
$$BEC = 0.1299$$

Weight: <None>

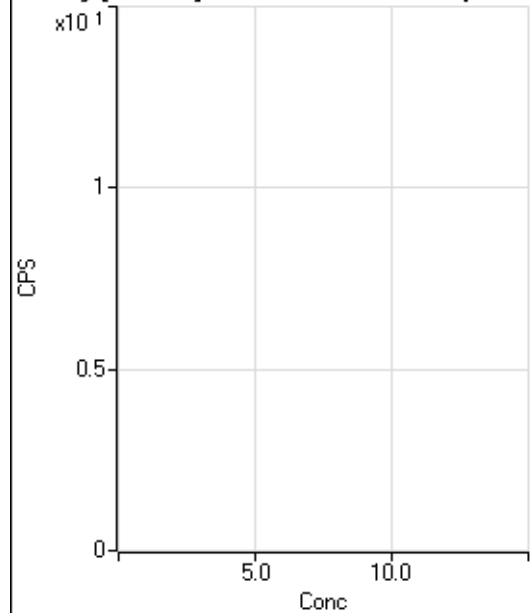
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

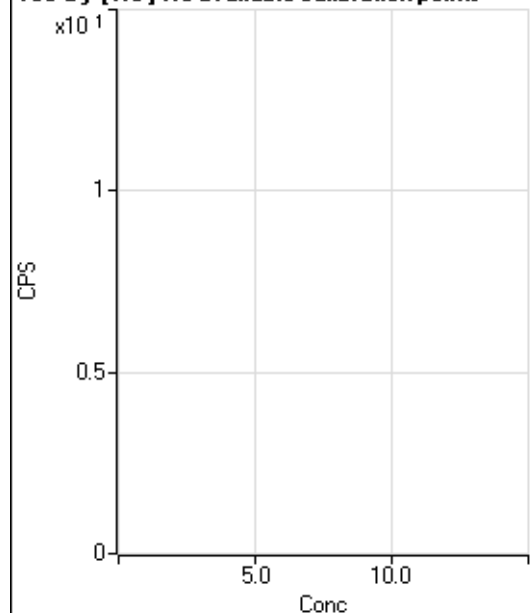
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			6.67		P	173.
3	☐			46.67		P	62.3
4	☐			75.56		P	48.6
5	☐			153.34		P	15.7
6	☐			331.13		P	19.1
7	☐			637.81		P	11.1
8	☐			155.56		P	16.2

150 Nd [He] No available calibration points

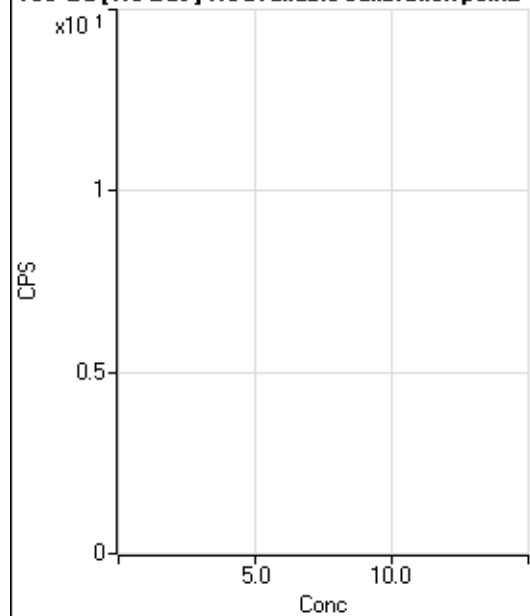
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			10.00		P	57.7
3	☐			15.56		P	53.9
4	☐			21.11		P	36.5
5	☐			21.11		P	9.1
6	☐			47.78		P	10.7
7	☐			70.00		P	23.8
8	☐			65.56		P	12.8

156 Dy [No Gas] No available calibration points

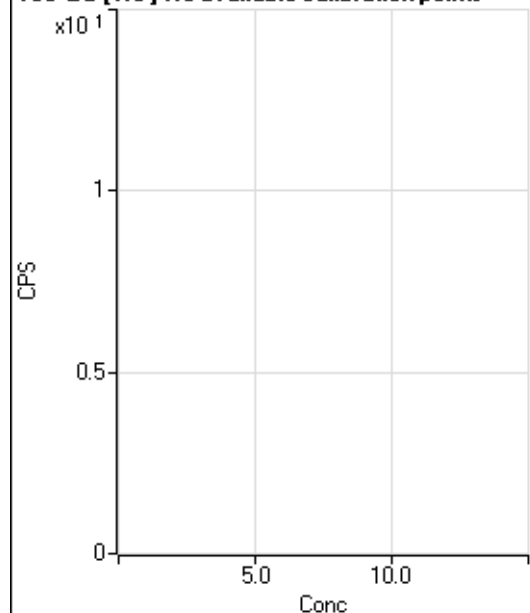
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			8.33		P	100.
3	☐			11.11		P	114.
4	☐			25.00		P	57.7
5	☐			36.11		P	35.3
6	☐			102.78		P	24.8
7	☐			138.90		P	9.2
8	☐			94.45		P	48.6

156 Dy [He] No available calibration points

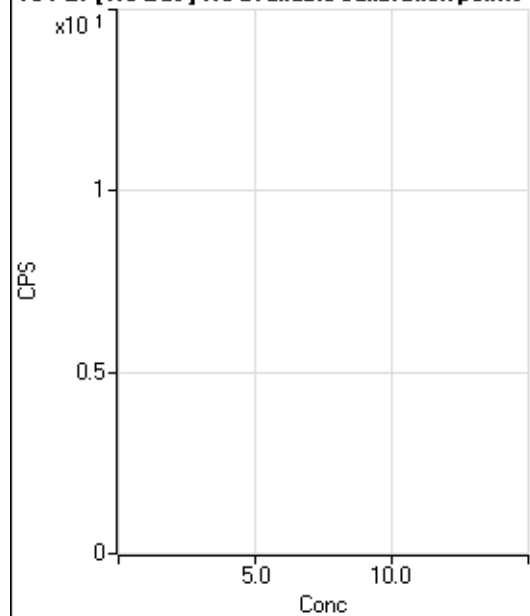
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	33.1
2	☐			14.45		P	48.0
3	☐			24.45		P	28.4
4	☐			45.56		P	36.1
5	☐			51.11		P	16.4
6	☐			103.33		P	5.6
7	☐			150.00		P	12.4
8	☐			52.22		P	13.3

160 Gd [No Gas] No available calibration poin_

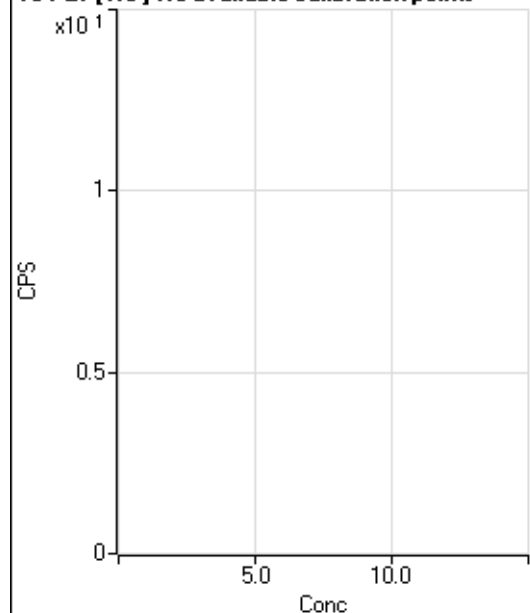
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	39.0
2	☐			66.67		P	64.9
3	☐			61.11		P	15.7
4	☐			66.67		P	33.1
5	☐			83.34		P	30.0
6	☐			58.33		P	24.7
7	☐			69.45		P	36.7
8	☐			94.45		P	33.4

160 Gd [He] No available calibration points

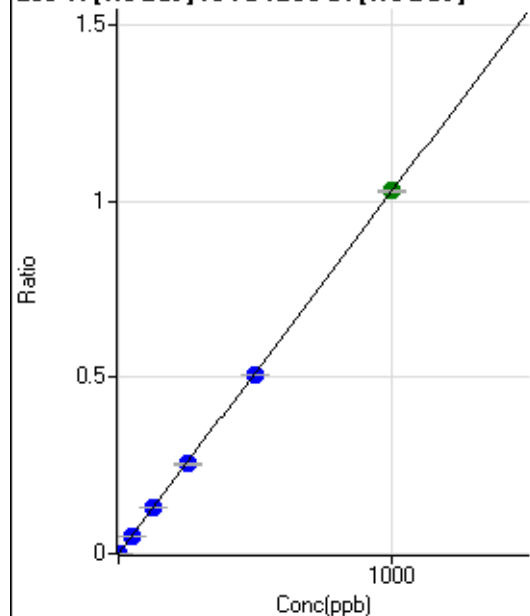
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			195.56		P	19.8
2	☐			195.56		P	4.3
3	☐			186.67		P	9.3
4	☐			192.23		P	8.9
5	☐			166.67		P	32.9
6	☐			163.34		P	17.4
7	☐			164.45		P	18.3
8	☐			192.23		P	23.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.89		P	7.5
2	☐			77.78		P	24.7
3	☐			72.23		P	35.3
4	☐			72.23		P	46.6
5	☐			58.34		P	51.5
6	☐			69.45		P	27.7
7	☐			55.56		P	17.3
8	☐			88.89		P	27.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	42.8
2	☐			50.00		P	11.5
3	☐			66.67		P	22.9
4	☐			67.78		P	10.2
5	☐			46.67		P	12.4
6	☐			56.67		P	5.9
7	☐			66.67		P	13.2
8	☐			73.34		P	24.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	547.26	0.0001	P	12.3
2	☐	1.000	0.890	6613.06	0.0010	P	0.4
3	☐	50.000	47.343	331324.66	0.0486	P	0.6
4	☐	125.000	126.418	868559.44	0.1297	P	1.8
5	☐	250.000	247.457	1697095.15	0.2538	P	0.7
6	☐	500.000	495.129	3437114.62	0.5077	P	0.8
7	☐	1000.000	1003.027	6984891.47	1.0285	A	0.3
8	☐			3006.03	0.0005	P	6.9

$$y = 0.0010 * x + 8.3219E-005$$

$$R = 1.0000$$

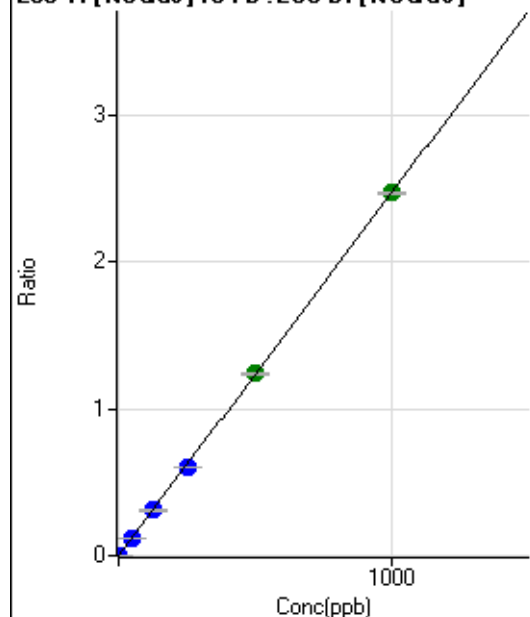
$$DL = 0.02988$$

$$BEC = 0.08117$$

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	763.95	0.0001	P	2.8
2	☐	1.000	0.874	15111.97	0.0023	P	0.7
3	☐	50.000	47.279	796613.56	0.1169	P	0.4
4	☐	125.000	125.283	2073335.94	0.3096	P	1.9
5	☐	250.000	245.094	4049277.48	0.6056	P	0.6
6	☐	500.000	502.253	8399893.50	1.2408	A	0.5
7	☐	1000.000	1000.201	16781120.17	2.4709	A	0.4
8	☐			6037.77	0.0010	P	10.7

$$y = 0.0025 * x + 1.1616E-004$$

$$R = 1.0000$$

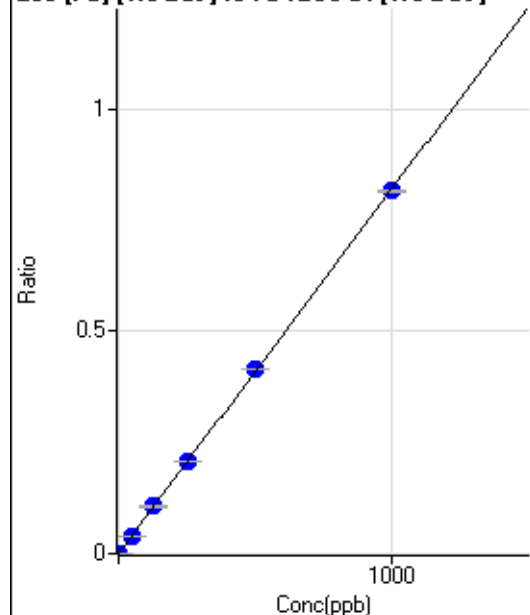
$$DL = 0.004015$$

$$BEC = 0.04702$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	738.93	0.0001	P	9.5
2	☐	1.000	0.927	5781.06	0.0009	P	6.2
3	☐	50.000	48.986	273858.54	0.0402	P	0.4
4	☐	125.000	129.434	709937.47	0.1060	P	1.9
5	☐	250.000	252.477	1382017.16	0.2067	P	0.5
6	☐	500.000	505.642	2801307.15	0.4138	P	0.5
7	☐	1000.000	996.056	5535396.13	0.8150	P	0.3
8	☐			6351.72	0.0011	P	2.2

$$y = 8.1815E-004 * x + 1.1233E-004$$

$$R = 1.0000$$

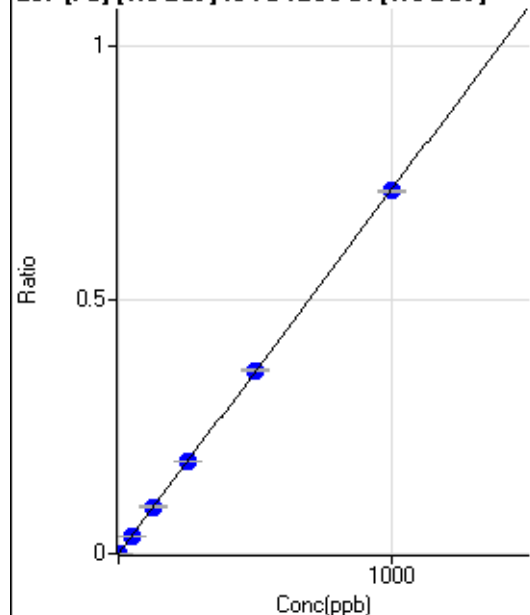
$$DL = 0.03924$$

$$BEC = 0.1373$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	733.38	0.0001	P	6.8
2	☐	1.000	0.915	5095.56	0.0008	P	3.7
3	☐	50.000	48.597	238103.42	0.0349	P	0.3
4	☐	125.000	128.625	618089.02	0.0923	P	2.2
5	☐	250.000	252.601	1211306.15	0.1812	P	0.6
6	☐	500.000	504.305	2447586.37	0.3615	P	0.3
7	☐	1000.000	996.814	4852771.12	0.7145	P	0.6
8	☐			5536.50	0.0009	P	4.8

$$y = 7.1670\text{E-}004 * x + 1.1152\text{E-}004$$

$$R = 1.0000$$

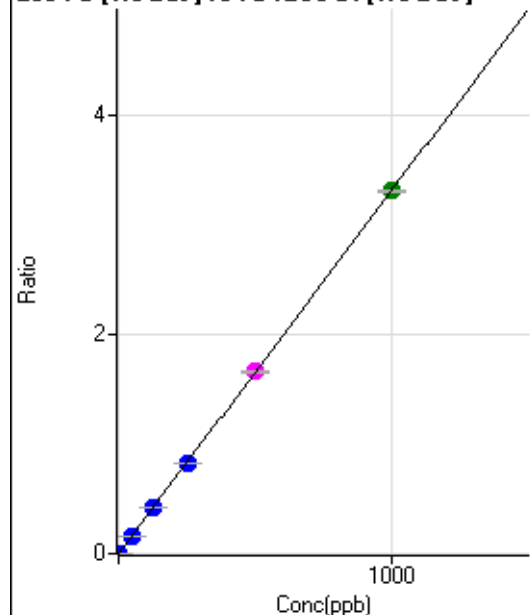
$$DL = 0.03155$$

$$BEC = 0.1556$$

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	2540.90	0.0004	P	4.1
2	☐	1.000	0.902	22368.92	0.0034	P	0.6
3	☐	50.000	48.206	1089013.34	0.1598	P	0.2
4	☐	125.000	126.739	2809504.08	0.4195	P	2.1
5	☐	250.000	248.491	5497816.43	0.8222	P	0.3
6	☐	500.000	500.992	11219425.77	1.6573	M	1.2
7	☐	1000.000	999.754	22458144.25	3.3068	A	0.5
8	☐			24539.04	0.0041	P	3.2

$$y = 0.0033 * x + 3.8631\text{E-}004$$

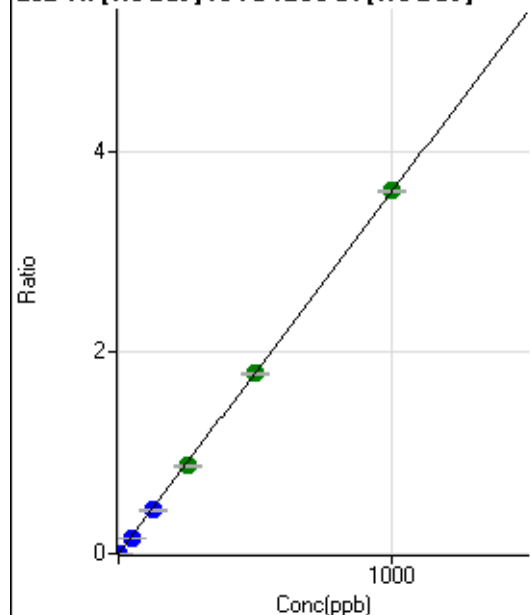
$$R = 1.0000$$

$$DL = 0.01421$$

$$BEC = 0.1168$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2289.15	0.0003	P	3.2
2	☐	1.000	0.740	19963.92	0.0030	P	2.2
3	☐	50.000	44.723	1096764.12	0.1610	P	0.1
4	☐	125.000	120.329	2895928.60	0.4325	P	2.5
5	☐	250.000	242.241	5819295.38	0.8703	A	0.4
6	☐	500.000	498.574	12122876.66	1.7908	A	0.6
7	☐	1000.000	1003.501	24476999.62	3.6040	A	0.4
8	☐			11492.35	0.0019	P	2.6

$$y = 0.0036 * x + 3.4807E-004$$

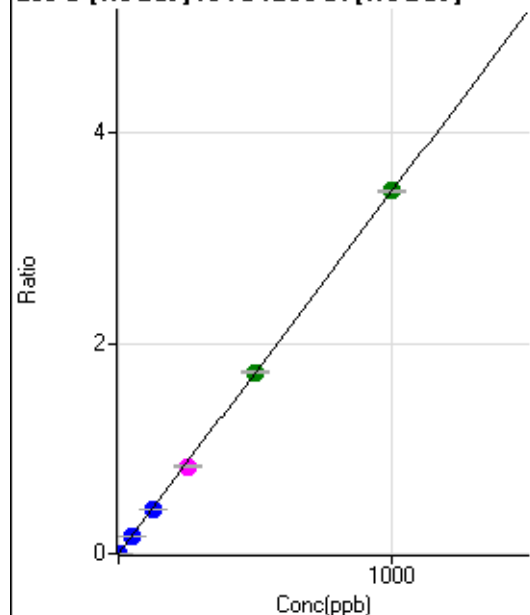
$$R = 1.0000$$

$$DL = 0.009374$$

$$BEC = 0.09693$$

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	2825.45	0.0004	P	5.0
2	☐	1.000	0.842	22102.96	0.0033	P	3.3
3	☐	50.000	45.257	1065082.96	0.1563	P	0.6
4	☐	125.000	121.359	2801888.13	0.4184	P	2.2
5	☐	250.000	240.754	5547271.61	0.8296	M	1.3
6	☐	500.000	500.794	11679110.42	1.7252	A	0.6
7	☐	1000.000	1002.607	23454840.97	3.4535	A	0.8
8	☐			8658.84	0.0015	P	8.4

$$y = 0.0034 * x + 4.2965E-004$$

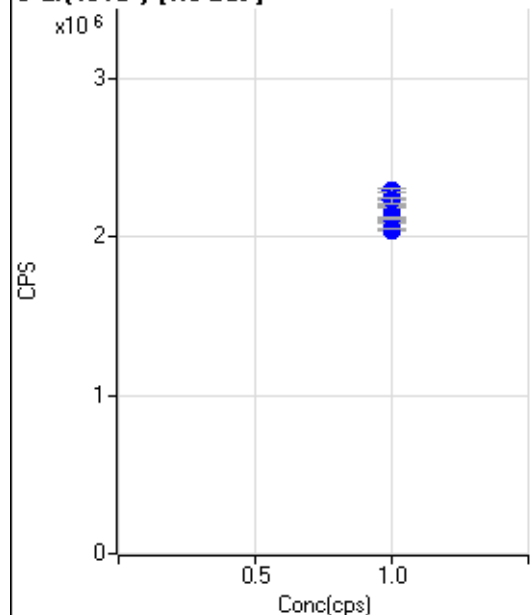
$$R = 1.0000$$

$$DL = 0.01884$$

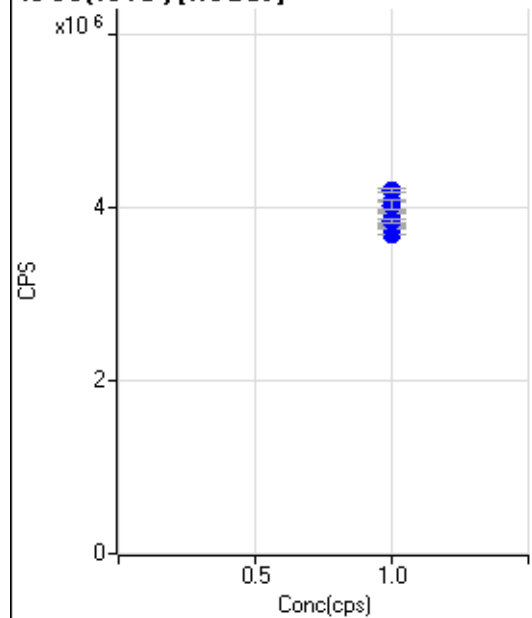
$$BEC = 0.1248$$

Weight: <None>

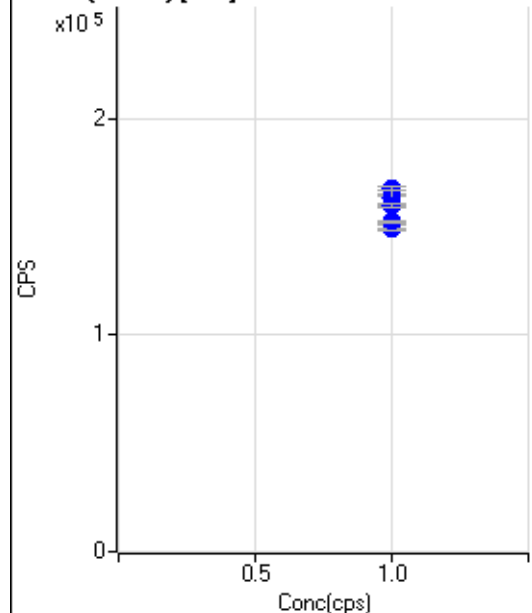
Min Conc: 0

6 Li(ISTD) [No Gas]

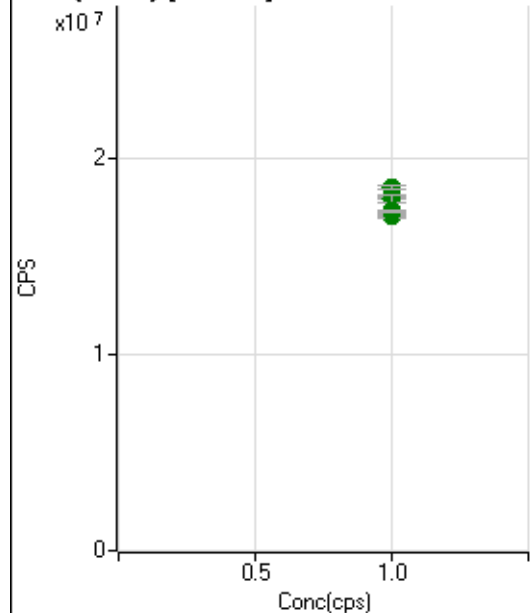
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2190027.38		P	0.1
2	☐	1.000		2237349.89		P	0.2
3	☐	1.000		2289944.07		P	1.2
4	☐	1.000		2227376.04		P	1.9
5	☐	1.000		2090522.32		P	0.6
6	☐	1.000		2038282.46		P	0.5
7	☐	1.000		2052126.26		P	0.3
8	☐	1.000		2120700.97		P	0.6

45 Sc(ISTD) [No Gas]

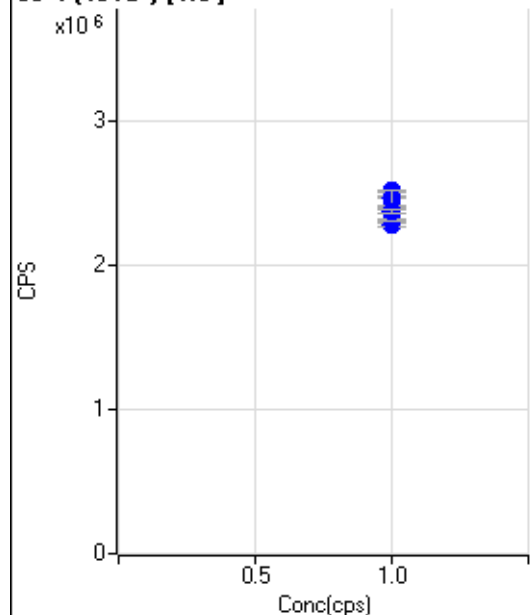
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3945836.68		P	0.4
2	☐	1.000		4073912.11		P	0.6
3	☐	1.000		4190566.24		P	1.0
4	☐	1.000		4028844.40		P	2.5
5	☐	1.000		3794811.41		P	0.7
6	☐	1.000		3687169.61		P	0.1
7	☐	1.000		3756707.81		P	0.7
8	☐	1.000		3849800.00		P	1.0

45 Sc(ISTD) [He]

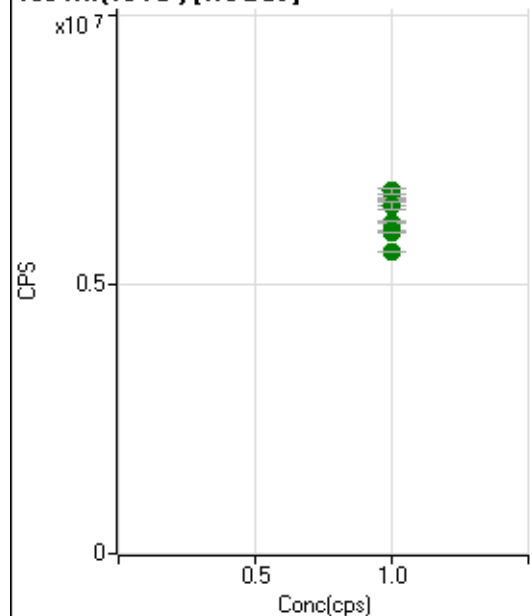
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		160241.25		P	0.9
2	☐	1.000		164945.89		P	0.6
3	☐	1.000		167409.31		P	1.0
4	☐	1.000		163046.49		P	4.6
5	☐	1.000		151281.72		P	0.3
6	☐	1.000		148647.25		P	1.1
7	☐	1.000		152240.37		P	0.4
8	☐	1.000		159762.40		P	1.5

89 Y(ISTD) [No Gas]

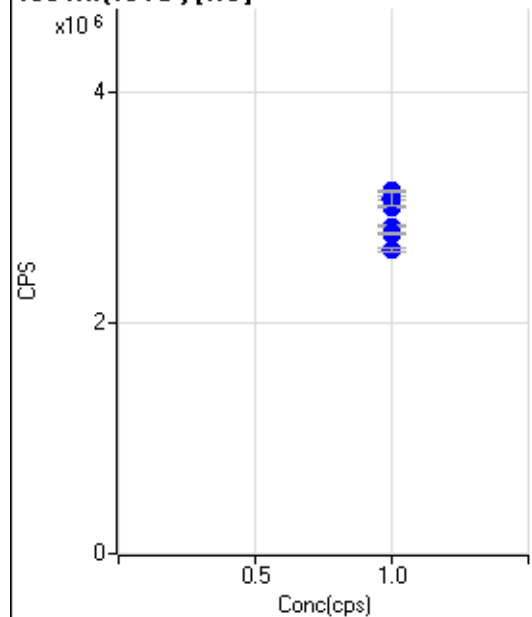
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17386032.80		A	0.1
2	☐	1.000		18022522.93		A	0.4
3	☐	1.000		18510971.39		A	1.1
4	☐	1.000		17927997.37		A	2.3
5	☐	1.000		17214471.13		A	0.5
6	☐	1.000		17031878.50		A	0.2
7	☐	1.000		17364744.05		A	0.5
8	☐	1.000		17307605.02		A	0.6

89 Y (ISTD) [He]

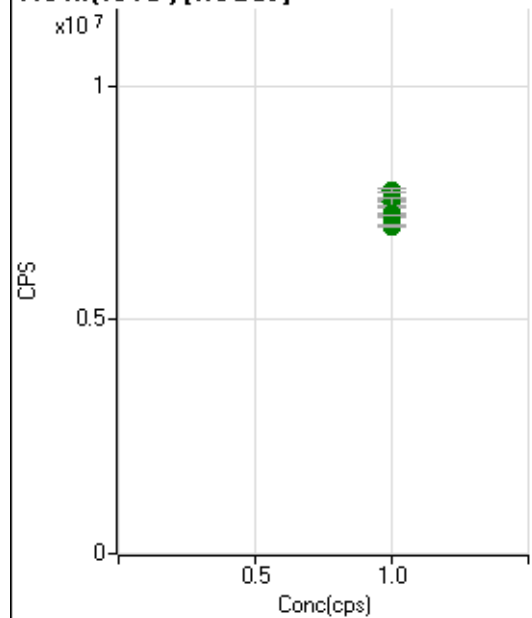
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2401162.74		P	0.2
2	☐	1.000		2468758.64		P	0.5
3	☐	1.000		2517377.64		P	0.3
4	☐	1.000		2471735.66		P	4.1
5	☐	1.000		2308172.00		P	0.4
6	☐	1.000		2281208.71		P	0.8
7	☐	1.000		2313780.56		P	0.7
8	☐	1.000		2374170.52		P	1.1

103 Rh(ISTD) [NoGas]

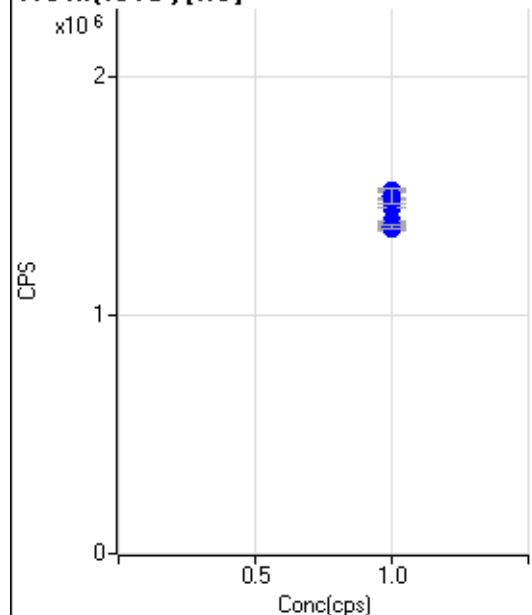
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6470736.38		A	0.3
2	☐	1.000		6590246.11		A	0.4
3	☐	1.000		6742690.86		A	1.3
4	☐	1.000		6481107.96		A	2.3
5	☐	1.000		6155965.94		A	0.6
6	☐	1.000		5996147.61		A	0.5
7	☐	1.000		5970158.51		A	0.5
8	☐	1.000		5616718.74		A	0.4

103Rh(ISTD) [He]

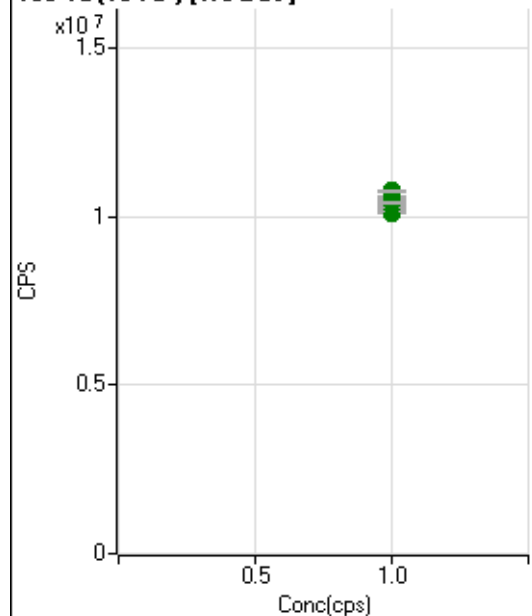
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2996574.23		P	0.1
2	☐	1.000		3080686.38		P	0.8
3	☐	1.000		3140423.70		P	0.4
4	☐	1.000		3066107.94		P	4.0
5	☐	1.000		2835958.08		P	0.5
6	☐	1.000		2774998.12		P	0.8
7	☐	1.000		2771277.80		P	0.7
8	☐	1.000		2624652.32		P	1.1

115In(ISTD) [NoGas]

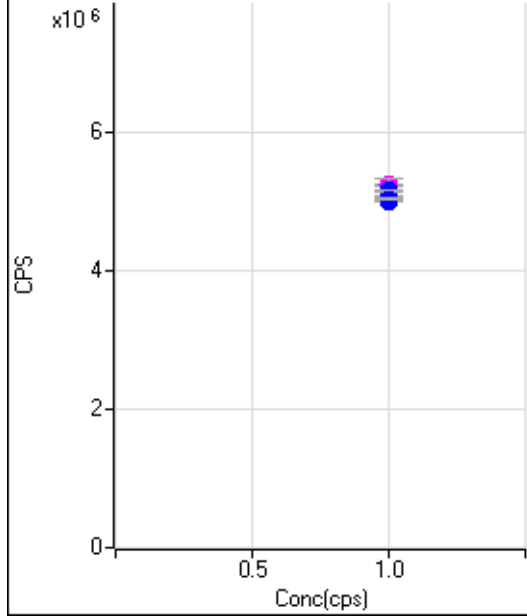
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7412592.66		A	0.1
2	☐	1.000		7550491.26		A	0.4
3	☐	1.000		7752274.12		A	1.2
4	☐	1.000		7521422.74		A	2.1
5	☐	1.000		7268442.96		A	0.1
6	☐	1.000		7183406.54		A	0.1
7	☐	1.000		7235939.75		A	0.4
8	☐	1.000		6988392.55		A	0.6

115 In(ISTD) [He]

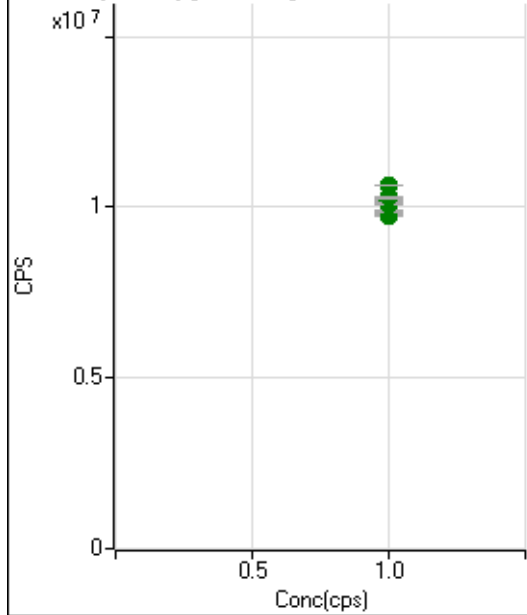
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1455735.36		P	0.2
2	☐	1.000		1489020.57		P	0.5
3	☐	1.000		1524521.12		P	0.5
4	☐	1.000		1504815.19		P	4.2
5	☐	1.000		1394871.49		P	0.6
6	☐	1.000		1371288.12		P	0.9
7	☐	1.000		1365712.27		P	0.6
8	☐	1.000		1370487.60		P	1.2

159 Tb(ISTD) [NoGas]

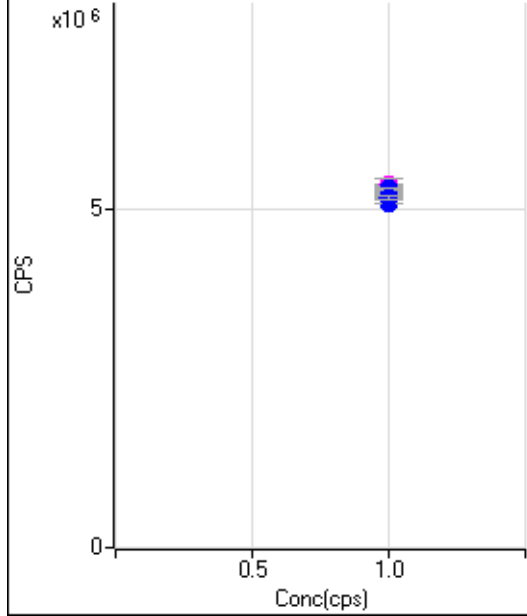
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10076577.97		A	0.2
2	☐	1.000		10157783.81		A	0.6
3	☐	1.000		10552214.15		A	1.2
4	☐	1.000		10411622.97		A	1.4
5	☐	1.000		10300786.65		A	0.4
6	☐	1.000		10516398.52		A	0.4
7	☐	1.000		10754638.87		A	0.4
8	☐	1.000		10412256.09		A	0.5

159 Tb(ISTD) [He]

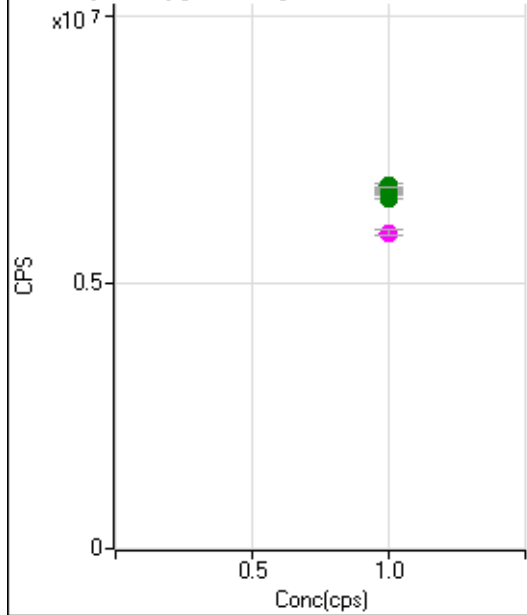
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4994466.04		P	0.5
2	☐	1.000		5056333.12		P	0.8
3	☐	1.000		5233330.51		P	0.4
4	☐	1.000		5229553.61		M	3.5
5	☐	1.000		5042714.68		P	0.8
6	☐	1.000		5044350.66		P	0.8
7	☐	1.000		5147227.46		P	0.6
8	☐	1.000		5026961.07		P	0.6

165 Ho(ISTD) [NoGas]

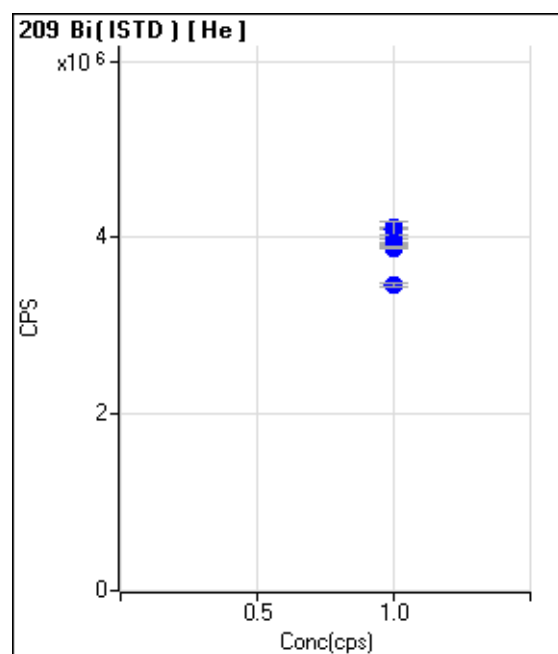
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9765663.59		A	0.2
2	☐	1.000		9857129.47		A	0.5
3	☐	1.000		10246728.35		A	1.5
4	☐	1.000		10168368.20		A	2.1
5	☐	1.000		10098593.28		A	0.5
6	☐	1.000		10306155.96		A	0.3
7	☐	1.000		10621185.91		A	0.1
8	☐	1.000		10293356.48		A	0.6

165 Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5094439.82		P	0.3
2	☐	1.000		5187015.51		P	0.7
3	☐	1.000		5367526.86		P	0.5
4	☐	1.000		5368861.48		M	3.5
5	☐	1.000		5189754.61		P	0.7
6	☐	1.000		5215602.11		P	0.5
7	☐	1.000		5315954.71		P	0.7
8	☐	1.000		5186132.49		P	0.9

209 Bi(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6576602.61		A	0.5
2	☐	1.000		6639067.12		A	0.3
3	☐	1.000		6814210.94		A	1.3
4	☐	1.000		6698257.89		A	1.7
5	☐	1.000		6686860.04		A	0.6
6	☐	1.000		6769702.68		A	0.3
7	☐	1.000		6791647.75		A	0.4
8	☐	1.000		5936109.22		M	1.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3946466.92		P	0.5
2	☐	1.000		3986509.31		P	0.2
3	☐	1.000		4112505.11		P	0.9
4	☐	1.000		4101316.92		P	3.7
5	☐	1.000		3939569.56		P	0.5
6	☐	1.000		3905169.25		P	0.4
7	☐	1.000		3890130.29		P	0.7
8	☐	1.000		3463786.93		P	0.9

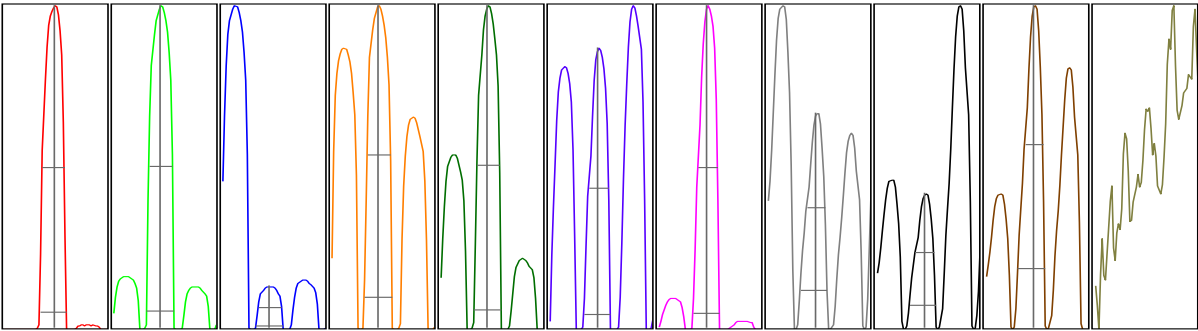
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7081919MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	6955	0.27	5.00	
24	212565	0.35	5.00	
25	28069	0.50	5.00	
26	32213	0.49	5.00	
59	57163	0.39	5.00	
113	9504	0.77	5.00	
115	111560	0.66	5.00	
206	30283	0.57	5.00	
207	29437	0.69	5.00	
208	64897	0.47	5.00	
220	121	2.02		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6938	6971	6941	6947	6979
24	211965	213471	211983	212109	213299
25	28028	28272	27946	27951	28148
26	32083	32405	32125	32093	32362
59	57113	57472	56911	57026	57292
113	9512	9607	9472	9408	9525
115	112432	112153	110860	110823	111533
206	30124	30544	30160	30222	30365
207	29327	29661	29241	29299	29655
208	64856	64946	64673	64623	65385
220	121	118	121	125	120

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11517	9.00	8.9 - 9.1		0.782	0.900	
24	326627	23.90	23.9 - 24.1		0.789	0.900	
25	43345	24.90	24.9 - 25.1		0.788	0.900	
26	49835	25.90	25.9 - 26.1		0.808	0.900	
59	92689	58.90	58.9 - 59.1		0.786	0.900	
113	16998	112.95	112.9 - 113.1		0.772	0.900	
115	202711	114.95	114.9 - 115.1		0.768	0.900	
206	54343	205.95	205.9 - 206.1		0.780	0.900	
207	49399	206.95	206.9 - 207.1		0.755	0.900	
208	117568	207.95	207.9 - 208.1		0.771	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.3	V	Deflect	14.4	V
Extract 2	-85.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-45	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	170	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	13623	0.22	
89	29027	0.46	
205	27612	0.45	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	13590	13664	13604	13639	13615
89	28930	29088	28894	29226	28996
205	27582	27726	27486	27755	27511

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.9	V	Deflect	1.8	V
Extract 2	-90.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-50	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 11:34:21 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.29	-0.23	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.05	-0.02	-0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.02	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.22	0.08	-0.30	0.00	N/A	ppb
Boron	11-1	0.24	-0.14	-0.11	0.00	N/A	ppb
Cadmium	111-1	0.16	-0.06	-0.10	0.00	N/A	ppb
Cadmium	106-1	2.13	-0.89	-1.24	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.02	0.02	0.00	N/A	ppb
Calcium	43-1	-0.53	1.00	-0.48	0.00	N/A	ppb
Calcium	44-1	1.10	0.88	-1.98	0.00	N/A	ppb
Chromium	52-2	0.02	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.03	-0.02	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	0.03	-0.03	0.00	0.00	N/A	ppb
Iron	57-2	0.61	0.79	-1.40	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.07	0.15	-0.23	0.00	N/A	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 11:34:21 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.02	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.02	0.00	N/A	ppb
Phosphorus	31-2	-15.19	-25.22	-28.01	-22.81		ppb
Potassium	39-2	0.78	-4.20	3.42	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.45	-0.23	-0.23	0.00	N/A	ppb
Selenium	78-2	-0.36	0.40	-0.04	0.00	N/A	ppb
Selenium	82-1	0.11	-0.02	-0.09	0.00	N/A	ppb
Silicon	28-1	-0.16	-0.15	0.31	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.00	0.00	N/A	ppb
Sodium	23-2	0.40	0.01	-0.40	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-301.61	-220.04	-278.65	-266.76		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.02	0.02	0.00	N/A	ppb
Titanium	47-1	-0.04	0.05	-0.01	0.00	N/A	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:34:21	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	0.01	0.09	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	-0.03	-0.01	0.04	0.00	N/A	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:37:56	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.07	19.09	19.48	19.88	5.27	ppb
Antimony	121-1	1.90	1.88	1.97	1.91	2.30	ppb
Arsenic	75-2	0.77	1.03	1.06	0.96	16.68	ppb
Barium	135-1	10.04	10.35	9.47	9.95	4.48	ppb
Barium	137-1	9.90	10.13	9.66	9.90	2.39	ppb
Beryllium	9-1	1.01	0.96	0.91	0.96	4.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	20.63	21.53	20.81	20.99	2.28	ppb
Boron	11-1	22.47	22.74	23.30	22.84	1.85	ppb
Cadmium	111-1	1.15	1.35	1.08	1.19	11.90	ppb
Cadmium	106-1	2.64	4.32	2.25	3.07	35.83	ppb
Cadmium	108-1	1.10	1.04	1.17	1.10	5.74	ppb
Calcium	43-1	479.26	481.27	457.71	472.75	2.76	ppb
Calcium	44-1	466.64	461.28	462.71	463.54	0.60	ppb
Chromium	52-2	1.95	1.93	1.91	1.93	0.99	ppb
Cobalt	59-2	1.02	0.98	0.96	0.98	3.09	ppb
Copper	63-2	1.94	1.94	1.91	1.93	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	54.07	52.77	53.43	53.43	1.21	ppb
Iron	57-2	54.10	47.80	57.38	53.09	9.17	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.99	0.86	0.93	7.06	ppb
Lead	207-1	0.93	0.87	0.94	0.92	4.30	ppb
Lead	208-1	0.91	0.90	0.89	0.90	0.69	ppb
Lithium	6-1				102		%
Magnesium	24-2	487.50	487.20	487.83	487.51	0.06	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:37:56	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.89	1.03	0.98	7.60	ppb
Molybdenum	94-1	4.52	4.45	4.50	4.49	0.83	ppb
Molybdenum	95-1	4.54	4.71	4.57	4.61	1.96	ppb
Molybdenum	96-1	4.47	4.47	4.53	4.49	0.80	ppb
Molybdenum	97-1	4.60	4.78	4.72	4.70	1.96	ppb
Molybdenum	98-1	4.55	4.54	4.42	4.50	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.13	1.19	1.16	2.55	ppb
Phosphorus	31-2	7.03	15.95	45.44	22.81	88.13	ppb
Potassium	39-2	494.29	486.55	489.64	490.16	0.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	3.74	5.71	5.66	5.03	22.35	ppb
Selenium	78-2	3.44	4.39	5.82	4.55	26.33	ppb
Selenium	82-1	5.29	5.56	4.99	5.28	5.35	ppb
Silicon	28-1	9.15	9.81	9.58	9.51	3.50	ppb
Silver	109-1	1.12	1.09	1.12	1.11	1.60	ppb
Silver	107-1	1.15	1.13	1.13	1.14	0.80	ppb
Sodium	23-2	482.60	487.14	487.71	485.82	0.58	ppb
Strontium	86-1	0.98	0.98	1.01	0.99	1.75	ppb
Strontium	88-1	0.95	0.92	0.95	0.94	1.48	ppb
Sulfur	34-1	256.36	249.90	294.04	266.76	8.94	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.89	0.89	0.89	0.89	0.49	ppb
Thallium	205-1	0.87	0.88	0.88	0.87	0.75	ppb
Thorium	232-1	0.74	0.76	0.72	0.74	2.43	ppb
Tin	118-1	5.16	5.30	5.21	5.22	1.33	ppb
Titanium	47-1	5.06	4.96	4.88	4.97	1.76	ppb
Uranium	238-1	0.87	0.81	0.84	0.84	3.74	ppb
Vanadium	51-2	5.04	4.92	5.07	5.01	1.68	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:37:56	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.75	1.62	1.98	1.78	10.35	ppb
Zirconium	90-1	0.80	0.75	0.75	0.77	3.24	ppb
Zirconium	91-1	0.81	0.80	0.76	0.79	3.56	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:42:34	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1025.37	964.08	975.93	988.46	3.29	ppb
Antimony	121-1	51.62	51.81	51.37	51.60	0.43	ppb
Arsenic	75-2	50.03	51.24	52.79	51.35	2.69	ppb
Barium	135-1	255.71	257.32	255.09	256.04	0.45	ppb
Barium	137-1	254.18	252.95	254.71	253.94	0.36	ppb
Beryllium	9-1	52.29	52.11	51.88	52.10	0.39	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	47.74	48.17	48.12	48.01	0.49	ppb
Boron	11-1	48.63	47.56	51.21	49.13	3.82	ppb
Cadmium	111-1	52.65	52.98	52.99	52.87	0.36	ppb
Cadmium	106-1	54.23	55.76	52.83	54.27	2.71	ppb
Cadmium	108-1	51.95	52.49	51.19	51.88	1.26	ppb
Calcium	43-1	4785.43	4816.22	4823.01	4808.22	0.42	ppb
Calcium	44-1	4786.53	4780.79	4740.93	4769.42	0.52	ppb
Chromium	52-2	50.75	50.61	51.17	50.84	0.57	ppb
Cobalt	59-2	51.69	51.40	52.45	51.84	1.05	ppb
Copper	63-2	101.63	100.86	102.01	101.50	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	2607.62	2593.67	2620.39	2607.23	0.51	ppb
Iron	57-2	2629.00	2599.88	2583.15	2604.01	0.89	ppb
Krypton	83-1						cps
Lead	206-1	49.08	49.10	48.77	48.99	0.38	ppb
Lead	207-1	48.44	48.58	48.77	48.60	0.34	ppb
Lead	208-1	48.14	48.29	48.19	48.21	0.16	ppb
Lithium	6-1				105		%
Magnesium	24-2	5031.08	5014.09	5073.36	5039.51	0.61	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:42:34	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.76	100.64	101.80	101.07	0.63	ppb
Molybdenum	94-1	244.34	244.55	243.57	244.15	0.21	ppb
Molybdenum	95-1	242.51	244.09	242.33	242.98	0.40	ppb
Molybdenum	96-1	243.19	245.28	243.13	243.87	0.50	ppb
Molybdenum	97-1	244.42	244.73	242.39	243.84	0.52	ppb
Molybdenum	98-1	242.38	245.29	242.57	243.41	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.58	52.00	53.74	52.77	1.68	ppb
Phosphorus	31-2	1005.05	1006.24	1071.07	1027.46	3.68	ppb
Potassium	39-2	2553.26	2526.93	2536.23	2538.81	0.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	43.80	44.83	67.41	52.01	25.66	ppb
Selenium	78-2	53.68	50.32	52.88	52.29	3.35	ppb
Selenium	82-1	51.11	53.00	52.91	52.34	2.03	ppb
Silicon	28-1	54.74	55.47	54.68	54.96	0.79	ppb
Silver	109-1	53.37	54.09	53.68	53.71	0.67	ppb
Silver	107-1	53.47	53.88	53.72	53.69	0.38	ppb
Sodium	23-2	5062.64	4986.75	5087.96	5045.78	1.04	ppb
Strontium	86-1	49.14	49.23	48.71	49.03	0.57	ppb
Strontium	88-1	48.93	49.09	48.46	48.82	0.67	ppb
Sulfur	34-1	1430.77	1339.19	1177.92	1315.96	9.73	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	47.34	47.65	47.04	47.34	0.65	ppb
Thallium	205-1	47.38	47.37	47.08	47.28	0.36	ppb
Thorium	232-1	44.66	44.73	44.78	44.72	0.14	ppb
Tin	118-1	52.58	52.64	52.80	52.67	0.22	ppb
Titanium	47-1	244.85	249.37	250.83	248.35	1.25	ppb
Uranium	238-1	45.16	45.57	45.05	45.26	0.61	ppb
Vanadium	51-2	50.06	49.71	49.72	49.83	0.39	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:42:34	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	95.31	94.83	96.23	95.46	0.74	ppb
Zirconium	90-1	48.61	48.77	48.75	48.71	0.18	ppb
Zirconium	91-1	49.80	49.44	48.89	49.38	0.93	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:46:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2355.35	2502.47	2616.96	2491.60	5.26	ppb
Antimony	121-1	132.58	132.98	136.11	133.89	1.44	ppb
Arsenic	75-2	122.74	131.89	134.38	129.67	4.73	ppb
Barium	135-1	654.70	663.95	679.86	666.17	1.91	ppb
Barium	137-1	655.03	656.76	670.02	660.60	1.24	ppb
Beryllium	9-1	131.38	131.29	136.31	132.99	2.16	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	127.01	124.46	135.02	128.83	4.28	ppb
Boron	11-1	123.49	126.97	132.13	127.53	3.41	ppb
Cadmium	111-1	133.17	132.04	136.79	134.00	1.85	ppb
Cadmium	106-1	136.24	137.31	140.56	138.04	1.63	ppb
Cadmium	108-1	133.65	138.01	139.48	137.05	2.21	ppb
Calcium	43-1	12512.48	12406.07	13062.36	12660.30	2.78	ppb
Calcium	44-1	12372.31	12323.75	12866.80	12520.96	2.40	ppb
Chromium	52-2	124.15	130.19	133.79	129.38	3.76	ppb
Cobalt	59-2	124.44	131.54	135.12	130.36	4.17	ppb
Copper	63-2	241.32	255.00	265.32	253.88	4.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	6306.27	6614.76	6808.52	6576.52	3.85	ppb
Iron	57-2	6367.10	6664.74	6967.48	6666.44	4.50	ppb
Krypton	83-1						cps
Lead	206-1	127.49	128.60	132.21	129.43	1.91	ppb
Lead	207-1	126.84	127.19	131.85	128.62	2.17	ppb
Lead	208-1	125.20	125.14	129.87	126.74	2.14	ppb
Lithium	6-1				102		%
Magnesium	24-2	12160.46	12902.07	13352.93	12805.15	4.70	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:46:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	243.49	257.42	266.31	255.74	4.50	ppb
Molybdenum	94-1	638.59	625.15	657.83	640.52	2.56	ppb
Molybdenum	95-1	632.30	623.45	650.12	635.29	2.14	ppb
Molybdenum	96-1	636.43	625.94	649.29	637.22	1.84	ppb
Molybdenum	97-1	637.35	625.08	651.84	638.09	2.10	ppb
Molybdenum	98-1	634.27	624.21	650.27	636.25	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.25	133.81	137.91	132.66	4.46	ppb
Phosphorus	31-2	2394.05	2698.63	2715.97	2602.88	6.96	ppb
Potassium	39-2	6109.13	6519.71	6635.99	6421.61	4.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	137.33	128.95	147.83	138.04	6.85	ppb
Selenium	78-2	121.63	135.99	131.49	129.70	5.66	ppb
Selenium	82-1	130.56	131.03	140.04	133.88	3.99	ppb
Silicon	28-1	134.72	132.27	141.23	136.07	3.40	ppb
Silver	109-1	135.84	134.73	138.90	136.49	1.58	ppb
Silver	107-1	136.32	135.76	139.60	137.23	1.51	ppb
Sodium	23-2	12315.77	13021.18	13488.10	12941.68	4.56	ppb
Strontium	86-1	128.60	127.49	132.77	129.62	2.15	ppb
Strontium	88-1	127.10	125.99	131.10	128.06	2.10	ppb
Sulfur	34-1	2661.30	2477.47	2956.75	2698.50	8.96	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	125.60	124.67	128.99	126.42	1.80	ppb
Thallium	205-1	124.03	123.82	127.99	125.28	1.88	ppb
Thorium	232-1	118.92	118.29	123.78	120.33	2.50	ppb
Tin	118-1	134.62	136.21	138.59	136.47	1.47	ppb
Titanium	47-1	643.70	637.07	656.91	645.89	1.56	ppb
Uranium	238-1	120.05	119.66	124.37	121.36	2.15	ppb
Vanadium	51-2	121.55	128.09	132.93	127.52	4.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:46:30	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	225.98	243.90	252.11	240.66	5.55	ppb
Zirconium	90-1	127.79	126.11	130.45	128.12	1.71	ppb
Zirconium	91-1	129.67	129.32	133.44	130.81	1.75	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:50:23	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5034.87	5053.31	5071.10	5053.09	0.36	ppb
Antimony	121-1	259.33	260.52	258.41	259.42	0.41	ppb
Arsenic	75-2	256.85	255.29	257.99	256.71	0.53	ppb
Barium	135-1	1293.06	1298.15	1283.59	1291.60	0.57	ppb
Barium	137-1	1277.58	1281.47	1271.50	1276.85	0.39	ppb
Beryllium	9-1	257.87	258.47	256.69	257.68	0.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	244.99	248.49	248.49	247.32	0.82	ppb
Boron	11-1	249.07	250.97	258.35	252.80	1.94	ppb
Cadmium	111-1	252.43	256.96	255.94	255.11	0.93	ppb
Cadmium	106-1	250.43	252.89	260.19	254.50	2.00	ppb
Cadmium	108-1	261.91	257.00	257.55	258.82	1.04	ppb
Calcium	43-1	24957.52	24588.54	24834.25	24793.44	0.76	ppb
Calcium	44-1	24780.86	24606.54	24734.61	24707.34	0.37	ppb
Chromium	52-2	254.89	257.92	256.80	256.54	0.60	ppb
Cobalt	59-2	257.57	260.19	260.36	259.37	0.60	ppb
Copper	63-2	501.92	503.43	501.62	502.32	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	13245.33	13266.76	13238.30	13250.13	0.11	ppb
Iron	57-2	13217.49	13478.94	13268.25	13321.56	1.04	ppb
Krypton	83-1						cps
Lead	206-1	253.64	250.96	252.84	252.48	0.54	ppb
Lead	207-1	253.88	252.89	251.04	252.60	0.57	ppb
Lead	208-1	249.38	248.26	247.83	248.49	0.32	ppb
Lithium	6-1				95		%
Magnesium	24-2	25810.30	25899.35	25916.98	25875.54	0.22	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:50:23	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	513.87	513.77	515.17	514.27	0.15	ppb
Molybdenum	94-1	1262.53	1251.49	1247.44	1253.82	0.62	ppb
Molybdenum	95-1	1247.68	1243.55	1241.76	1244.33	0.24	ppb
Molybdenum	96-1	1246.73	1240.81	1245.70	1244.41	0.25	ppb
Molybdenum	97-1	1250.58	1237.64	1249.22	1245.81	0.57	ppb
Molybdenum	98-1	1263.59	1258.59	1265.29	1262.49	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.30	260.84	262.13	262.09	0.47	ppb
Phosphorus	31-2	5040.29	5138.81	5328.39	5169.16	2.83	ppb
Potassium	39-2	12767.20	12952.88	13004.08	12908.05	0.97	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	261.11	269.74	273.29	268.05	2.34	ppb
Selenium	78-2	262.42	257.10	257.92	259.15	1.11	ppb
Selenium	82-1	261.88	262.12	263.12	262.38	0.25	ppb
Silicon	28-1	258.05	258.03	259.95	258.67	0.43	ppb
Silver	109-1	259.06	258.97	259.81	259.28	0.18	ppb
Silver	107-1	258.38	258.46	258.13	258.32	0.07	ppb
Sodium	23-2	25974.79	26090.01	26007.45	26024.08	0.23	ppb
Strontium	86-1	253.63	251.81	255.13	253.52	0.66	ppb
Strontium	88-1	249.42	249.39	250.95	249.92	0.36	ppb
Sulfur	34-1	4932.92	4801.03	4709.29	4814.42	2.34	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	248.44	245.51	248.42	247.46	0.68	ppb
Thallium	205-1	246.65	243.53	245.10	245.09	0.64	ppb
Thorium	232-1	243.09	241.12	242.51	242.24	0.42	ppb
Tin	118-1	263.31	264.48	262.78	263.52	0.33	ppb
Titanium	47-1	1269.08	1266.49	1266.91	1267.49	0.11	ppb
Uranium	238-1	240.45	243.93	237.89	240.75	1.26	ppb
Vanadium	51-2	253.84	256.53	255.74	255.37	0.54	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:50:23	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	478.66	486.75	479.74	481.71	0.91	ppb
Zirconium	90-1	249.89	248.49	250.72	249.70	0.45	ppb
Zirconium	91-1	253.20	253.58	252.98	253.25	0.12	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:54:12	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10024.50	10092.27	10052.06	10056.28	0.34	ppb
Antimony	121-1	502.55	506.84	501.35	503.58	0.57	ppb
Arsenic	75-2	507.33	511.06	510.13	509.51	0.38	ppb
Barium	135-1	2504.96	2532.58	2482.69	2506.74	1.00	ppb
Barium	137-1	2528.52	2544.46	2504.36	2525.78	0.80	ppb
Beryllium	9-1	508.16	507.59	506.82	507.52	0.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	490.43	509.12	503.49	501.01	1.91	ppb
Boron	11-1	493.19	506.55	503.60	501.11	1.40	ppb
Cadmium	111-1	488.87	492.25	488.93	490.02	0.39	ppb
Cadmium	106-1	488.91	498.62	484.56	490.70	1.47	ppb
Cadmium	108-1	492.02	490.69	496.61	493.10	0.63	ppb
Calcium	43-1	50164.24	49556.53	49378.62	49699.80	0.83	ppb
Calcium	44-1	49465.83	49723.62	49749.31	49646.26	0.32	ppb
Chromium	52-2	506.07	509.17	510.90	508.71	0.48	ppb
Cobalt	59-2	508.84	511.52	516.11	512.16	0.72	ppb
Copper	63-2	974.72	978.89	986.05	979.89	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	26241.70	26408.65	26447.25	26365.86	0.41	ppb
Iron	57-2	26372.28	26429.39	26598.67	26466.78	0.44	ppb
Krypton	83-1						cps
Lead	206-1	503.18	508.12	505.63	505.64	0.49	ppb
Lead	207-1	503.71	503.37	505.83	504.30	0.26	ppb
Lead	208-1	503.23	494.43	505.32	500.99	1.15	ppb
Lithium	6-1				93		%
Magnesium	24-2	51988.94	52142.88	51910.20	52014.01	0.23	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:54:12	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.46	1022.07	1026.44	1020.99	0.59	ppb
Molybdenum	94-1	2535.66	2530.27	2524.84	2530.26	0.21	ppb
Molybdenum	95-1	2527.35	2525.53	2531.79	2528.22	0.13	ppb
Molybdenum	96-1	2514.41	2511.50	2523.09	2516.34	0.24	ppb
Molybdenum	97-1	2482.59	2481.08	2482.38	2482.02	0.03	ppb
Molybdenum	98-1	2520.97	2521.78	2528.39	2523.71	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.31	511.87	517.26	512.82	0.79	ppb
Phosphorus	31-2	9769.10	10284.01	10281.11	10111.41	2.93	ppb
Potassium	39-2	25395.37	25633.90	25660.49	25563.25	0.57	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	558.21	518.66	521.21	532.69	4.16	ppb
Selenium	78-2	497.75	504.66	508.57	503.66	1.09	ppb
Selenium	82-1	513.22	509.08	516.49	512.93	0.72	ppb
Silicon	28-1	507.91	508.50	512.55	509.65	0.50	ppb
Silver	109-1	492.79	493.34	485.86	490.66	0.85	ppb
Silver	107-1	488.53	489.41	485.51	487.82	0.42	ppb
Sodium	23-2	52186.40	52405.10	52308.52	52300.00	0.21	ppb
Strontium	86-1	502.60	505.82	509.01	505.81	0.63	ppb
Strontium	88-1	505.46	503.44	504.47	504.46	0.20	ppb
Sulfur	34-1	9886.53	9986.18	9848.65	9907.12	0.72	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	491.09	498.66	495.63	495.13	0.77	ppb
Thallium	205-1	499.30	504.15	503.30	502.25	0.52	ppb
Thorium	232-1	498.22	501.49	496.01	498.57	0.55	ppb
Tin	118-1	509.00	509.33	505.70	508.01	0.40	ppb
Titanium	47-1	2523.21	2532.45	2529.39	2528.35	0.19	ppb
Uranium	238-1	497.66	503.21	501.51	500.79	0.57	ppb
Vanadium	51-2	508.05	511.21	507.17	508.81	0.42	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:54:12	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	950.85	948.24	947.75	948.95	0.18	ppb
Zirconium	90-1	498.41	498.57	497.88	498.29	0.07	ppb
Zirconium	91-1	505.09	505.71	507.72	506.18	0.27	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 11:58:01 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19684.60	19534.77	19542.56	19587.31	0.43	ppb
Antimony	121-1	991.08	997.24	995.67	994.66	0.32	ppb
Arsenic	75-2	983.93	1001.26	993.57	992.92	0.87	ppb
Barium	135-1	4983.68	4986.42	4972.24	4980.78	0.15	ppb
Barium	137-1	5000.97	4966.70	4959.57	4975.75	0.44	ppb
Beryllium	9-1	991.77	996.60	991.28	993.22	0.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	981.87	1003.74	1014.04	999.88	1.64	ppb
Boron	11-1	977.93	1006.89	1010.76	998.53	1.80	ppb
Cadmium	111-1	996.13	1008.31	1002.89	1002.45	0.61	ppb
Cadmium	106-1	996.20	1003.84	1005.00	1001.68	0.48	ppb
Cadmium	108-1	998.16	1012.05	988.72	999.64	1.17	ppb
Calcium	43-1	97355.08	98364.21	97684.09	97801.12	0.53	ppb
Calcium	44-1	97586.61	98650.15	97767.08	98001.28	0.58	ppb
Chromium	52-2	992.22	989.55	998.48	993.42	0.46	ppb
Cobalt	59-2	992.33	988.23	991.89	990.82	0.23	ppb
Copper	63-2	2006.72	2003.48	2016.54	2008.91	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	51615.17	50956.27	51543.15	51371.53	0.70	ppb
Iron	57-2	51631.76	51046.30	51366.53	51348.20	0.57	ppb
Krypton	83-1						cps
Lead	206-1	993.93	999.06	995.18	996.06	0.27	ppb
Lead	207-1	995.11	1003.44	991.89	996.81	0.60	ppb
Lead	208-1	995.91	1005.04	998.31	999.75	0.47	ppb
Lithium	6-1				94		%
Magnesium	24-2	102573.20	102075.94	101902.50	102183.88	0.34	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 11:58:01 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1990.16	1975.19	1990.14	1985.17	0.44	ppb
Molybdenum	94-1	4976.94	4991.60	4978.26	4982.27	0.16	ppb
Molybdenum	95-1	4980.32	5011.29	4967.50	4986.37	0.45	ppb
Molybdenum	96-1	4988.80	5028.09	4959.14	4992.01	0.69	ppb
Molybdenum	97-1	4988.81	5033.56	5003.76	5008.71	0.45	ppb
Molybdenum	98-1	4965.93	5017.46	4968.44	4983.94	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.82	988.02	992.57	989.47	0.27	ppb
Phosphorus	31-2	19962.30	19945.02	19755.99	19887.77	0.58	ppb
Potassium	39-2	50410.11	49852.71	50228.84	50163.89	0.57	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	948.57	969.14	1014.53	977.41	3.45	ppb
Selenium	78-2	979.14	999.40	1007.01	995.18	1.45	ppb
Selenium	82-1	986.86	995.21	985.56	989.21	0.53	ppb
Silicon	28-1	983.66	999.32	991.15	991.38	0.79	ppb
Silver	109-1	995.75	1003.32	1003.11	1000.73	0.43	ppb
Silver	107-1	995.95	1009.36	1001.59	1002.30	0.67	ppb
Sodium	23-2	103283.91	102598.93	102888.38	102923.74	0.33	ppb
Strontium	86-1	992.25	999.97	994.84	995.68	0.39	ppb
Strontium	88-1	992.57	1005.23	994.60	997.47	0.68	ppb
Sulfur	34-1	19868.40	20389.12	19899.16	20052.23	1.46	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	999.40	1005.63	1004.04	1003.03	0.32	ppb
Thallium	205-1	997.80	1004.35	998.45	1000.20	0.36	ppb
Thorium	232-1	1006.45	1005.41	998.64	1003.50	0.42	ppb
Tin	118-1	991.92	993.62	987.60	991.05	0.31	ppb
Titanium	47-1	4950.33	5028.18	4958.25	4978.92	0.86	ppb
Uranium	238-1	1011.12	1001.35	995.35	1002.61	0.79	ppb
Vanadium	51-2	995.01	989.04	997.79	993.95	0.45	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:58:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2031.26	2021.87	2041.35	2031.49	0.48	ppb
Zirconium	90-1	997.34	1002.98	1001.50	1000.61	0.29	ppb
Zirconium	91-1	993.78	999.04	993.39	995.40	0.32	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:01:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100721.08	100288.04	99214.62	100074.58	0.78	ppb
Antimony	121-1	1.78	1.66	1.77	1.74	4.02	ppb
Arsenic	75-2	1.49	1.23	1.28	1.33	10.55	ppb
Barium	135-1	2.06	1.82	1.86	1.91	6.76	ppb
Barium	137-1	1.99	1.74	1.70	1.81	8.83	ppb
Beryllium	9-1	0.41	0.41	0.29	0.37	18.86	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	53.06	49.12	47.16	49.78	6.04	ppb
Boron	11-1	53.02	51.21	46.40	50.21	6.82	ppb
Cadmium	111-1	0.29	0.23	0.02	0.18	77.22	ppb
Cadmium	106-1	-0.37	-0.59	-3.43	-1.46		ppb
Cadmium	108-1	0.36	0.19	0.26	0.27	32.57	ppb
Calcium	43-1	505010.58	496564.93	499858.67	500478.06	0.85	ppb
Calcium	44-1	505195.25	498588.78	497570.69	500451.57	0.83	ppb
Chromium	52-2	18.90	18.47	18.54	18.64	1.25	ppb
Cobalt	59-2	11.48	11.80	11.67	11.65	1.37	ppb
Copper	63-2	2.99	2.99	2.84	2.94	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	251684.86	250190.31	246751.92	249542.37	1.01	ppb
Iron	57-2	251560.63	249625.91	247406.91	249531.15	0.83	ppb
Krypton	83-1						cps
Lead	206-1	1.20	1.17	1.14	1.17	2.44	ppb
Lead	207-1	1.22	1.11	1.11	1.15	5.41	ppb
Lead	208-1	1.18	1.12	1.10	1.13	3.51	ppb
Lithium	6-1				97		%
Magnesium	24-2	503732.19	499940.93	494256.99	499310.03	0.96	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:01:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.12	7.84	7.82	7.93	2.08	ppb
Molybdenum	94-1	4.60	4.07	4.06	4.24	7.30	ppb
Molybdenum	95-1	5.16	4.81	4.65	4.87	5.34	ppb
Molybdenum	96-1	6.84	6.28	6.21	6.44	5.36	ppb
Molybdenum	97-1	5.04	4.83	4.71	4.86	3.41	ppb
Molybdenum	98-1	4.93	4.78	4.58	4.76	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.34	19.40	19.77	19.51	1.21	ppb
Phosphorus	31-2	-14.15	-7.95	-25.49	-15.86		ppb
Potassium	39-2	252539.53	249834.83	247283.15	249885.84	1.05	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	1.85	0.46	-0.23	0.69	152.50	ppb
Selenium	78-2	0.13	-0.01	-0.47	-0.12		ppb
Selenium	82-1	0.80	1.42	0.64	0.95	42.99	ppb
Silicon	28-1	22.32	21.15	21.51	21.66	2.76	ppb
Silver	109-1	0.21	0.22	0.18	0.20	10.31	ppb
Silver	107-1	0.23	0.19	0.19	0.20	11.27	ppb
Sodium	23-2	504130.37	499210.29	494027.03	499122.56	1.01	ppb
Strontium	86-1	4.54	4.28	4.30	4.37	3.30	ppb
Strontium	88-1	4.41	4.31	4.38	4.37	1.16	ppb
Sulfur	34-1	-852.37	-807.71	-727.78	-795.95		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.45	0.38	0.42	0.41	8.22	ppb
Thallium	205-1	0.41	0.35	0.33	0.36	12.05	ppb
Thorium	232-1	0.46	0.44	0.43	0.44	3.23	ppb
Tin	118-1	0.68	0.63	0.55	0.62	10.62	ppb
Titanium	47-1	3.03	2.81	2.78	2.87	4.91	ppb
Uranium	238-1	0.34	0.29	0.27	0.30	11.93	ppb
Vanadium	51-2	0.23	0.33	0.24	0.27	18.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:01:48	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	23.76	23.35	22.63	23.25	2.46	ppb
Zirconium	90-1	0.42	0.43	0.41	0.42	1.96	ppb
Zirconium	91-1	0.55	0.38	0.27	0.40	34.07	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:08:53	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	476.22	464.67	489.08	476.66	2.56	ppb
Antimony	121-1	199.93	199.62	199.74	199.76	0.08	ppb
Arsenic	75-2	208.00	210.39	207.95	208.78	0.67	ppb
Barium	135-1	100.80	101.74	101.36	101.30	0.47	ppb
Barium	137-1	99.40	100.18	100.08	99.89	0.42	ppb
Beryllium	9-1	97.57	95.48	96.57	96.54	1.09	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	15.53	13.88	14.67	14.69	5.63	ppb
Boron	11-1	14.53	14.42	14.65	14.53	0.82	ppb
Cadmium	111-1	99.58	100.71	98.95	99.75	0.89	ppb
Cadmium	106-1	78.73	83.67	76.06	79.49	4.86	ppb
Cadmium	108-1	92.09	86.89	86.77	88.58	3.43	ppb
Calcium	43-1	1901.93	1848.60	1920.33	1890.29	1.97	ppb
Calcium	44-1	1898.00	1860.53	1864.07	1874.20	1.10	ppb
Chromium	52-2	97.29	96.40	96.43	96.70	0.52	ppb
Cobalt	59-2	99.62	99.70	100.15	99.82	0.29	ppb
Copper	63-2	97.41	97.67	97.89	97.66	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	1018.87	1005.91	1011.79	1012.19	0.64	ppb
Iron	57-2	1022.11	1027.38	1017.90	1022.47	0.46	ppb
Krypton	83-1						cps
Lead	206-1	192.69	191.27	192.87	192.28	0.46	ppb
Lead	207-1	190.77	188.79	191.04	190.20	0.65	ppb
Lead	208-1	188.63	187.13	188.41	188.05	0.43	ppb
Lithium	6-1				111		%
Magnesium	24-2	1178.79	1175.09	1174.29	1176.06	0.20	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 12:08:53 DataFile Name : 010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.01	93.24	94.10	93.79	0.50	ppb
Molybdenum	94-1	0.20	0.18	0.17	0.18	7.73	ppb
Molybdenum	95-1	0.14	0.15	0.15	0.15	1.24	ppb
Molybdenum	96-1	0.26	0.22	0.16	0.21	25.20	ppb
Molybdenum	97-1	0.21	0.16	0.13	0.17	25.30	ppb
Molybdenum	98-1	0.18	0.16	0.15	0.17	10.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.57	101.68	102.62	102.29	0.52	ppb
Phosphorus	31-2	0.75	-41.12	-38.04	-26.14		ppb
Potassium	39-2	1976.91	1960.60	1991.34	1976.28	0.78	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	77-2	188.23	219.54	222.10	209.96	8.98	ppb
Selenium	78-2	205.51	208.65	201.52	205.23	1.74	ppb
Selenium	82-1	204.83	203.69	203.82	204.11	0.31	ppb
Silicon	28-1	3.15	2.63	3.21	3.00	10.76	ppb
Silver	109-1	93.25	93.37	94.32	93.65	0.63	ppb
Silver	107-1	93.19	93.41	93.62	93.41	0.23	ppb
Sodium	23-2	1989.04	1959.21	1998.49	1982.25	1.03	ppb
Strontium	86-1	2.30	2.10	2.09	2.16	5.45	ppb
Strontium	88-1	2.25	2.20	2.21	2.22	1.15	ppb
Sulfur	34-1	-624.11	-558.26	-575.52	-585.97		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	206.93	206.47	206.02	206.47	0.22	ppb
Thallium	205-1	204.94	203.99	204.59	204.50	0.24	ppb
Thorium	232-1	0.03	0.05	0.03	0.04	26.56	ppb
Tin	118-1	0.12	0.11	0.09	0.11	15.64	ppb
Titanium	47-1	0.23	0.30	0.19	0.24	24.13	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	97.46	96.49	97.46	97.14	0.57	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:08:53	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	201.88	201.08	204.02	202.33	0.75	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	12.53	ppb
Zirconium	91-1	0.08	0.08	0.06	0.07	18.55	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 12:12:52 DataFile Name : 011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.11	0.36	0.05	522.47	ppb
Antimony	121-1	0.18	0.18	0.19	0.18	3.58	ppb
Arsenic	75-2	0.06	0.05	0.04	0.05	23.40	ppb
Barium	135-1	0.06	0.07	0.09	0.07	22.09	ppb
Barium	137-1	0.05	0.05	0.09	0.06	35.53	ppb
Beryllium	9-1	0.06	0.05	0.06	0.05	5.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	10.05	9.07	7.77	8.97	12.77	ppb
Boron	11-1	9.35	9.10	9.42	9.29	1.84	ppb
Cadmium	111-1	-0.04	-0.11	-0.24	-0.13		ppb
Cadmium	106-1	-0.92	-1.79	-3.32	-2.01		ppb
Cadmium	108-1	-0.06	-0.06	0.07	-0.01		ppb
Calcium	43-1	-0.84	-1.32	2.72	0.19	1175.78	ppb
Calcium	44-1	0.65	1.30	2.35	1.43	59.73	ppb
Chromium	52-2	0.02	0.02	0.02	0.02	7.82	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	75.24	ppb
Copper	63-2	0.01	0.07	0.04	0.04	80.91	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				110		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	56-2	0.52	0.60	0.58	0.57	6.62	ppb
Iron	57-2	-1.23	0.53	-0.45	-0.38		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.01	0.03	0.03	62.64	ppb
Lead	207-1	0.06	0.06	0.04	0.05	22.08	ppb
Lead	208-1	0.05	0.04	0.03	0.04	26.11	ppb
Lithium	6-1				112		%
Magnesium	24-2	0.28	0.40	0.05	0.24	72.34	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 12:12:52 DataFile Name : 011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	94-1	0.03	0.05	0.01	0.03	65.67	ppb
Molybdenum	95-1	0.01	0.01	0.04	0.02	97.15	ppb
Molybdenum	96-1	0.03	0.06	0.01	0.03	66.08	ppb
Molybdenum	97-1	0.03	0.04	0.01	0.03	50.37	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	29.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.00	0.01	111.97	ppb
Phosphorus	31-2	-41.28	-35.72	-38.61	-38.54		ppb
Potassium	39-2	2.21	-6.68	-1.26	-1.91		ppb
Rhodium	103-1				111		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	77-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	78-2	-0.01	-0.02	-0.71	-0.25		ppb
Selenium	82-1	0.29	0.42	0.26	0.33	25.39	ppb
Silicon	28-1	-0.25	-0.43	0.31	-0.12		ppb
Silver	109-1	0.02	0.00	0.01	0.01	88.31	ppb
Silver	107-1	0.03	0.00	0.01	0.01	109.11	ppb
Sodium	23-2	21.63	18.98	20.79	20.47	6.63	ppb
Strontium	86-1	-0.01	-0.07	0.03	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	225.67	ppb
Sulfur	34-1	-614.78	-619.65	-578.30	-604.24		ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.08	0.06	0.05	0.06	23.50	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	17.30	ppb
Thorium	232-1	0.01	0.01	0.02	0.02	36.50	ppb
Tin	118-1	0.03	0.01	0.05	0.03	67.84	ppb
Titanium	47-1	0.02	0.05	0.00	0.02	125.83	ppb
Uranium	238-1	-0.03	-0.03	-0.01	-0.02		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	118.16	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:12:52	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	-0.09	-0.05	-0.02		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.03	0.00	-0.01		ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:16:29	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89148.59	87288.38	87834.17	88090.38	1.09	ppb
Antimony	121-1	1.24	1.06	1.23	1.18	8.35	ppb
Arsenic	75-2	0.21	0.22	0.20	0.21	3.07	ppb
Barium	135-1	1.30	1.34	1.47	1.37	6.63	ppb
Barium	137-1	1.30	1.33	1.26	1.29	2.69	ppb
Beryllium	9-1	0.30	0.28	0.22	0.27	16.91	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	8.19	8.86	8.89	8.65	4.62	ppb
Boron	11-1	9.67	9.06	8.48	9.07	6.53	ppb
Cadmium	111-1	0.22	-0.05	0.10	0.09	147.23	ppb
Cadmium	106-1	-4.18	-6.03	-4.45	-4.89		ppb
Cadmium	108-1	9.46	9.64	9.84	9.65	1.94	ppb
Calcium	43-1	94877.77	93773.55	92695.50	93782.27	1.16	ppb
Calcium	44-1	95320.96	94508.63	94026.28	94618.62	0.69	ppb
Chromium	52-2	19.33	19.35	19.29	19.32	0.17	ppb
Cobalt	59-2	1.17	1.12	1.16	1.15	2.73	ppb
Copper	63-2	7.21	7.13	7.11	7.15	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	98717.92	97300.77	97726.39	97915.03	0.74	ppb
Iron	57-2	97431.14	96298.64	96769.22	96833.00	0.59	ppb
Krypton	83-1						cps
Lead	206-1	4.61	4.60	4.60	4.60	0.15	ppb
Lead	207-1	4.16	4.04	4.15	4.12	1.60	ppb
Lead	208-1	4.26	4.23	4.20	4.23	0.74	ppb
Lithium	6-1				106		%
Magnesium	24-2	98433.14	96778.37	97478.69	97563.40	0.85	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:16:29	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.55	7.58	7.58	7.57	0.19	ppb
Molybdenum	94-1	1220.95	1227.99	1206.99	1218.64	0.88	ppb
Molybdenum	95-1	1771.31	1766.41	1756.13	1764.62	0.44	ppb
Molybdenum	96-1	1700.11	1698.56	1685.96	1694.88	0.46	ppb
Molybdenum	97-1	1718.42	1723.76	1704.60	1715.59	0.58	ppb
Molybdenum	98-1	1760.18	1757.90	1739.43	1752.50	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.92	5.00	4.49	4.80	5.71	ppb
Phosphorus	31-2	94765.49	91893.02	95468.42	94042.31	2.01	ppb
Potassium	39-2	98808.41	96359.37	96657.89	97275.23	1.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	78-2	-0.48	-0.58	-0.69	-0.58		ppb
Selenium	82-1	-0.14	0.36	0.58	0.26	138.98	ppb
Silicon	28-1	20.23	19.95	19.29	19.83	2.43	ppb
Silver	109-1	0.02	0.03	0.03	0.03	26.15	ppb
Silver	107-1	0.02	0.02	0.03	0.02	15.69	ppb
Sodium	23-2	99964.80	98131.78	98590.42	98895.66	0.96	ppb
Strontium	86-1	32.40	31.98	32.27	32.22	0.66	ppb
Strontium	88-1	32.55	32.30	32.15	32.33	0.64	ppb
Sulfur	34-1	99763.84	98691.71	97625.60	98693.72	1.08	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.17	0.15	0.15	0.16	7.65	ppb
Thallium	205-1	0.16	0.17	0.16	0.16	6.01	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	14.70	ppb
Tin	118-1	0.12	0.15	0.18	0.15	18.61	ppb
Titanium	47-1	1942.81	1936.17	1924.47	1934.49	0.48	ppb
Uranium	238-1	0.00	-0.01	0.01	0.00		ppb
Vanadium	51-2	0.16	0.16	0.14	0.16	7.26	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:16:29	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.73	9.16	9.49	9.46	3.04	ppb
Zirconium	90-1	0.02	0.02	0.05	0.03	56.40	ppb
Zirconium	91-1	-0.02	0.02	0.01	0.00	1383.88	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:20:05	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87045.70	87967.69	86858.67	87290.69	0.68	ppb
Antimony	121-1	20.37	20.13	19.84	20.12	1.32	ppb
Arsenic	75-2	19.60	19.67	20.42	19.90	2.29	ppb
Barium	135-1	21.23	20.92	21.29	21.14	0.94	ppb
Barium	137-1	20.63	20.61	20.83	20.69	0.60	ppb
Beryllium	9-1	19.38	19.66	19.52	19.52	0.72	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	63.53	64.24	66.26	64.68	2.20	ppb
Boron	11-1	62.37	63.79	64.39	63.51	1.63	ppb
Cadmium	111-1	19.33	18.78	19.01	19.04	1.45	ppb
Cadmium	106-1	21.39	21.85	21.63	21.62	1.05	ppb
Cadmium	108-1	31.54	32.12	30.71	31.45	2.26	ppb
Calcium	43-1	92562.94	92918.24	92352.01	92611.06	0.31	ppb
Calcium	44-1	93399.63	94178.99	93719.56	93766.06	0.42	ppb
Chromium	52-2	37.51	38.10	37.32	37.64	1.08	ppb
Cobalt	59-2	20.17	20.32	19.99	20.16	0.83	ppb
Copper	63-2	25.24	25.68	25.19	25.37	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				116		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	96541.67	97945.63	96039.49	96842.26	1.02	ppb
Iron	57-2	94953.38	96417.87	95358.82	95576.69	0.79	ppb
Krypton	83-1						cps
Lead	206-1	24.57	24.36	24.88	24.61	1.07	ppb
Lead	207-1	23.48	23.44	23.49	23.47	0.11	ppb
Lead	208-1	23.47	23.32	23.44	23.41	0.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	96017.52	97865.56	95782.60	96555.23	1.18	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:20:05	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.96	26.23	25.24	25.81	1.98	ppb
Molybdenum	94-1	1317.21	1326.54	1313.87	1319.21	0.50	ppb
Molybdenum	95-1	1796.39	1797.54	1789.43	1794.45	0.24	ppb
Molybdenum	96-1	1740.16	1744.93	1730.42	1738.51	0.43	ppb
Molybdenum	97-1	1755.51	1756.45	1737.12	1749.69	0.62	ppb
Molybdenum	98-1	1783.06	1790.78	1776.73	1783.52	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.81	23.67	23.80	23.76	0.33	ppb
Phosphorus	31-2	93030.18	95079.51	92397.17	93502.29	1.50	ppb
Potassium	39-2	96627.81	97317.47	95982.31	96642.53	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	22.51	22.63	28.29	24.48	13.50	ppb
Selenium	78-2	17.51	17.71	16.35	17.19	4.29	ppb
Selenium	82-1	19.27	19.76	19.28	19.44	1.45	ppb
Silicon	28-1	76.94	79.39	77.85	78.06	1.59	ppb
Silver	109-1	18.07	17.91	18.14	18.04	0.64	ppb
Silver	107-1	18.22	18.26	17.84	18.11	1.29	ppb
Sodium	23-2	97792.09	99355.45	97203.33	98116.96	1.13	ppb
Strontium	86-1	96.74	96.99	96.49	96.74	0.26	ppb
Strontium	88-1	96.18	96.14	95.78	96.03	0.23	ppb
Sulfur	34-1	97090.61	97978.42	96585.53	97218.19	0.73	ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	19.90	19.70	20.14	19.91	1.11	ppb
Thallium	205-1	19.78	19.79	19.86	19.81	0.23	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	5.03	ppb
Tin	118-1	57.03	56.76	55.82	56.54	1.12	ppb
Titanium	47-1	1959.38	1979.35	1955.35	1964.69	0.65	ppb
Uranium	238-1	53.76	53.80	53.57	53.71	0.23	ppb
Vanadium	51-2	19.08	18.99	19.49	19.19	1.40	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:20:05	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	25.64	27.37	26.24	26.42	3.31	ppb
Zirconium	90-1	53.93	54.10	53.48	53.83	0.59	ppb
Zirconium	91-1	54.71	54.40	53.83	54.31	0.82	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:23:42	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51279.38	50691.82	50686.61	50885.94	0.67	ppb
Antimony	121-1	486.24	487.88	483.38	485.83	0.47	ppb
Arsenic	75-2	534.12	531.61	531.85	532.53	0.26	ppb
Barium	135-1	2494.42	2498.25	2483.39	2492.02	0.31	ppb
Barium	137-1	2514.49	2528.80	2505.18	2516.15	0.47	ppb
Beryllium	9-1	493.98	491.53	491.48	492.33	0.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	469.05	489.89	490.06	483.00	2.50	ppb
Boron	11-1	477.01	493.81	495.42	488.74	2.09	ppb
Cadmium	111-1	528.58	527.87	523.40	526.61	0.53	ppb
Cadmium	106-1	532.34	529.27	516.56	526.05	1.59	ppb
Cadmium	108-1	528.07	526.09	526.98	527.05	0.19	ppb
Calcium	43-1	239566.20	238531.93	237302.09	238466.74	0.48	ppb
Calcium	44-1	242788.75	242000.94	240677.87	241822.52	0.44	ppb
Chromium	52-2	499.04	499.41	501.32	499.93	0.24	ppb
Cobalt	59-2	490.26	488.90	486.92	488.69	0.34	ppb
Copper	63-2	1016.56	1011.09	1015.48	1014.37	0.29	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				114		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	126620.65	126748.23	126614.82	126661.23	0.06	ppb
Iron	57-2	125345.05	124980.36	125048.05	125124.49	0.16	ppb
Krypton	83-1						cps
Lead	206-1	516.97	510.06	509.97	512.33	0.78	ppb
Lead	207-1	515.36	506.42	510.31	510.69	0.88	ppb
Lead	208-1	514.74	509.83	509.46	511.34	0.58	ppb
Lithium	6-1				108		%
Magnesium	24-2	252265.49	250499.98	249312.69	250692.72	0.59	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:23:42	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.60	973.70	976.72	977.67	0.46	ppb
Molybdenum	94-1	2514.71	2506.70	2501.88	2507.76	0.26	ppb
Molybdenum	95-1	2513.55	2497.71	2506.93	2506.07	0.32	ppb
Molybdenum	96-1	2505.00	2485.89	2504.41	2498.43	0.44	ppb
Molybdenum	97-1	2442.22	2421.23	2429.64	2431.03	0.43	ppb
Molybdenum	98-1	2500.05	2482.62	2484.37	2489.01	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.01	481.81	481.01	482.94	0.56	ppb
Phosphorus	31-2	10084.12	10144.86	9959.80	10062.93	0.94	ppb
Potassium	39-2	128360.87	127126.69	127288.18	127591.91	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	485.28	506.25	495.35	495.63	2.12	ppb
Selenium	78-2	488.69	490.59	489.53	489.60	0.19	ppb
Selenium	82-1	490.30	494.06	488.96	491.10	0.54	ppb
Silicon	28-1	577.23	589.39	591.51	586.04	1.31	ppb
Silver	109-1	516.99	522.14	513.33	517.49	0.86	ppb
Silver	107-1	517.26	516.47	509.32	514.35	0.85	ppb
Sodium	23-2	252446.47	250294.83	249502.35	250747.88	0.61	ppb
Strontium	86-1	498.13	490.79	491.97	493.63	0.80	ppb
Strontium	88-1	503.04	498.07	497.61	499.57	0.60	ppb
Sulfur	34-1	9875.29	9711.51	9686.74	9757.85	1.05	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	507.89	504.47	504.42	505.59	0.39	ppb
Thallium	205-1	516.76	507.03	512.38	512.06	0.95	ppb
Thorium	232-1	514.01	509.28	507.61	510.30	0.65	ppb
Tin	118-1	502.52	505.39	497.73	501.88	0.77	ppb
Titanium	47-1	2514.80	2494.60	2479.37	2496.25	0.71	ppb
Uranium	238-1	512.60	504.38	506.95	507.98	0.83	ppb
Vanadium	51-2	504.69	502.26	503.40	503.45	0.24	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:23:42	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1049.86	1053.01	1055.25	1052.71	0.26	ppb
Zirconium	90-1	504.25	503.64	504.29	504.06	0.07	ppb
Zirconium	91-1	499.69	498.37	497.55	498.54	0.22	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : CCB55 Instrumnet Name : P7
 Client Sample ID : CCB55 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 12:27:20 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.58	7.56	3.98	6.04	30.64	ppb
Antimony	121-1	0.63	0.53	0.60	0.59	9.05	ppb
Arsenic	75-2	0.07	0.12	-0.01	0.06	102.94	ppb
Barium	135-1	0.83	0.45	0.42	0.57	39.92	ppb
Barium	137-1	0.67	0.61	0.40	0.56	24.89	ppb
Beryllium	9-1	0.21	0.24	0.16	0.20	20.40	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	19.85	16.90	16.03	17.59	11.40	ppb
Boron	11-1	19.50	18.38	17.77	18.55	4.73	ppb
Cadmium	111-1	0.22	0.10	0.11	0.14	46.66	ppb
Cadmium	106-1	-0.21	-0.92	-0.33	-0.49		ppb
Cadmium	108-1	0.25	0.13	0.31	0.23	41.34	ppb
Calcium	43-1	79.97	57.93	58.71	65.54	19.08	ppb
Calcium	44-1	76.47	62.37	51.99	63.61	19.31	ppb
Chromium	52-2	0.08	0.06	0.05	0.07	24.85	ppb
Cobalt	59-2	0.04	0.03	0.01	0.03	42.38	ppb
Copper	63-2	0.32	0.26	0.17	0.25	31.67	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				115		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	56-2	19.31	16.22	13.04	16.19	19.36	ppb
Iron	57-2	19.69	16.07	12.95	16.24	20.78	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.17	0.11	0.17	35.59	ppb
Lead	207-1	0.22	0.19	0.16	0.19	15.74	ppb
Lead	208-1	0.21	0.18	0.14	0.18	19.68	ppb
Lithium	6-1				112		%
Magnesium	24-2	28.81	23.28	17.50	23.19	24.39	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:27:20	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.03	0.04	0.05	46.23	ppb
Molybdenum	94-1	1.18	1.04	0.92	1.05	12.51	ppb
Molybdenum	95-1	1.34	1.22	0.91	1.16	18.92	ppb
Molybdenum	96-1	1.31	1.09	0.94	1.11	16.97	ppb
Molybdenum	97-1	1.21	1.12	0.81	1.05	20.34	ppb
Molybdenum	98-1	1.32	1.12	0.89	1.11	19.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.07	-0.05	-0.04		ppb
Phosphorus	31-2	-29.04	-31.94	-14.71	-25.23		ppb
Potassium	39-2	15.69	11.29	4.80	10.60	51.68	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				113		%
Selenium	77-2	0.39	-0.23	-0.23	-0.02		ppb
Selenium	78-2	0.23	-0.29	0.07	0.00	6223.77	ppb
Selenium	82-1	0.84	0.67	0.44	0.65	30.56	ppb
Silicon	28-1	2.45	1.71	1.57	1.91	24.87	ppb
Silver	109-1	0.21	0.16	0.10	0.16	38.05	ppb
Silver	107-1	0.19	0.18	0.14	0.17	17.37	ppb
Sodium	23-2	71.78	61.92	57.94	63.88	11.16	ppb
Strontium	86-1	0.08	0.12	0.13	0.11	23.89	ppb
Strontium	88-1	0.17	0.13	0.11	0.13	25.60	ppb
Sulfur	34-1	-922.21	-1038.13	-968.67	-976.34		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.30	0.24	0.23	0.26	15.65	ppb
Thallium	205-1	0.27	0.24	0.19	0.23	18.02	ppb
Thorium	232-1	0.20	0.17	0.16	0.18	11.61	ppb
Tin	118-1	0.35	0.34	0.28	0.32	10.90	ppb
Titanium	47-1	0.94	0.77	0.55	0.76	25.65	ppb
Uranium	238-1	0.12	0.11	0.08	0.10	19.24	ppb
Vanadium	51-2	0.07	0.02	0.03	0.04	63.62	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:27:20	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	0.03	0.08	0.02	327.49	ppb
Zirconium	90-1	0.18	0.16	0.11	0.15	21.31	ppb
Zirconium	91-1	0.20	0.16	0.12	0.16	26.36	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4327-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MH1283	Dilution Factor :	4
Date & Time Acquired ::	2019-08-19 12:30:56	DataFile Name :	016SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3382.21	3390.42	3410.72	3394.45	0.43	ppb
Antimony	121-1	2.08	2.19	2.21	2.16	3.12	ppb
Arsenic	75-2	3.04	3.67	3.35	3.35	9.27	ppb
Barium	135-1	73.09	72.76	72.71	72.86	0.28	ppb
Barium	137-1	72.01	72.11	71.42	71.85	0.52	ppb
Beryllium	9-1	0.22	0.16	0.19	0.19	15.18	ppb
Bismuth	209-1				113		%
Bismuth	209-2				111		%
Boron	10-1	39.04	39.98	39.06	39.36	1.37	ppb
Boron	11-1	40.34	41.62	39.63	40.53	2.49	ppb
Cadmium	111-1	3.96	4.12	3.77	3.95	4.42	ppb
Cadmium	106-1	2.93	2.93	-0.31	1.85	100.97	ppb
Cadmium	108-1	3.66	4.35	3.83	3.95	9.12	ppb
Calcium	43-1	21760.50	21370.26	21464.44	21531.73	0.95	ppb
Calcium	44-1	21916.20	21854.85	21879.07	21883.37	0.14	ppb
Chromium	52-2	67.82	68.69	68.77	68.43	0.77	ppb
Cobalt	59-2	2.44	2.43	2.46	2.44	0.66	ppb
Copper	63-2	1004.10	1014.21	1017.77	1012.03	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				117		%
Indium	115-1				118		%
Indium	115-2				116		%
Iron	56-2	5054.22	5077.37	5096.91	5076.17	0.42	ppb
Iron	57-2	5084.85	5065.05	5086.72	5078.87	0.24	ppb
Krypton	83-1						cps
Lead	206-1	272.16	272.12	270.78	271.68	0.29	ppb
Lead	207-1	265.57	264.64	262.53	264.25	0.59	ppb
Lead	208-1	262.65	261.58	260.74	261.66	0.37	ppb
Lithium	6-1				119		%
Magnesium	24-2	2833.88	2866.07	2863.94	2854.63	0.63	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4327-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MH1283	Dilution Factor :	4
Date & Time Acquired ::	2019-08-19 12:30:56	DataFile Name :	016SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	133.40	133.98	135.07	134.15	0.63	ppb
Molybdenum	94-1	2.58	2.35	2.60	2.51	5.36	ppb
Molybdenum	95-1	1.65	1.71	1.56	1.64	4.67	ppb
Molybdenum	96-1	1.87	1.75	1.83	1.82	3.23	ppb
Molybdenum	97-1	1.72	1.74	1.65	1.70	2.82	ppb
Molybdenum	98-1	1.67	1.66	1.71	1.68	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.67	67.69	67.72	68.02	0.82	ppb
Phosphorus	31-2	771.57	755.12	754.68	760.45	1.27	ppb
Potassium	39-2	1517.10	1539.08	1515.03	1523.74	0.87	ppb
Rhodium	103-1				118		%
Rhodium	103-2				116		%
Scandium	45-1				123		%
Scandium	45-2				120		%
Selenium	77-2	3.75	0.93	1.48	2.05	73.02	ppb
Selenium	78-2	-0.14	-0.12	-0.70	-0.32		ppb
Selenium	82-1	0.28	0.64	0.45	0.46	39.62	ppb
Silicon	28-1	500.34	498.18	492.84	497.12	0.78	ppb
Silver	109-1	2.90	2.82	3.02	2.92	3.41	ppb
Silver	107-1	2.86	2.81	2.79	2.82	1.20	ppb
Sodium	23-2	10587.52	10676.81	10671.84	10645.39	0.47	ppb
Strontium	86-1	58.02	58.12	58.39	58.18	0.33	ppb
Strontium	88-1	57.66	57.65	57.73	57.68	0.07	ppb
Sulfur	34-1	2307.86	2299.89	2143.20	2250.32	4.13	ppb
Terbium	159-1				118		%
Terbium	159-2				116		%
Thallium	203-1	0.15	0.12	0.14	0.13	9.04	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	2.30	ppb
Thorium	232-1	0.19	0.20	0.20	0.20	1.59	ppb
Tin	118-1	18.17	18.79	18.54	18.50	1.69	ppb
Titanium	47-1	47.21	46.07	46.01	46.43	1.45	ppb
Uranium	238-1	0.32	0.30	0.31	0.31	3.77	ppb
Vanadium	51-2	6.71	6.54	6.53	6.59	1.52	ppb
Yttrium	89-1				122		%
Yttrium	89-2				119		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4327-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MH1283	Dilution Factor :	4
Date & Time Acquired ::	2019-08-19 12:30:56	DataFile Name :	016SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1448.39	1479.15	1480.79	1469.44	1.24	ppb
Zirconium	90-1	0.90	0.94	0.85	0.90	5.26	ppb
Zirconium	91-1	0.95	0.87	0.98	0.93	6.32	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:34:56	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51076.01	51540.86	51007.30	51208.06	0.57	ppb
Antimony	121-1	478.26	487.41	484.83	483.50	0.98	ppb
Arsenic	75-2	534.65	545.19	532.18	537.34	1.29	ppb
Barium	135-1	2444.41	2498.52	2489.62	2477.52	1.17	ppb
Barium	137-1	2475.39	2519.12	2506.53	2500.34	0.90	ppb
Beryllium	9-1	484.39	489.07	485.24	486.23	0.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	471.18	482.12	495.72	483.00	2.55	ppb
Boron	11-1	473.91	487.13	494.58	485.21	2.16	ppb
Cadmium	111-1	514.97	520.77	519.00	518.25	0.57	ppb
Cadmium	106-1	516.45	517.64	517.18	517.09	0.12	ppb
Cadmium	108-1	515.42	534.13	519.39	522.98	1.88	ppb
Calcium	43-1	228576.77	237872.23	238789.64	235079.55	2.40	ppb
Calcium	44-1	231189.17	236522.15	242769.94	236827.09	2.45	ppb
Chromium	52-2	500.87	507.36	500.90	503.04	0.74	ppb
Cobalt	59-2	486.10	492.83	485.83	488.25	0.81	ppb
Copper	63-2	1010.93	1028.33	1008.82	1016.03	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	126754.80	128354.50	126198.38	127102.56	0.88	ppb
Iron	57-2	124075.95	125838.39	124080.60	124664.98	0.82	ppb
Krypton	83-1						cps
Lead	206-1	501.88	510.91	504.13	505.64	0.93	ppb
Lead	207-1	500.85	505.70	502.15	502.90	0.50	ppb
Lead	208-1	490.24	509.40	492.89	497.51	2.09	ppb
Lithium	6-1				111		%
Magnesium	24-2	251652.77	253204.42	250280.49	251712.56	0.58	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:34:56	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	975.42	993.32	971.69	980.15	1.18	ppb
Molybdenum	94-1	2445.02	2504.63	2491.49	2480.38	1.26	ppb
Molybdenum	95-1	2433.57	2495.17	2494.46	2474.40	1.43	ppb
Molybdenum	96-1	2419.46	2482.60	2477.50	2459.85	1.43	ppb
Molybdenum	97-1	2358.17	2418.91	2408.67	2395.25	1.36	ppb
Molybdenum	98-1	2430.73	2485.40	2469.69	2461.94	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.72	486.28	483.43	483.48	0.57	ppb
Phosphorus	31-2	10003.14	10172.45	9953.27	10042.95	1.14	ppb
Potassium	39-2	128808.57	130086.57	127510.58	128801.91	1.00	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	77-2	505.91	535.03	508.51	516.48	3.12	ppb
Selenium	78-2	490.88	496.72	503.50	497.03	1.27	ppb
Selenium	82-1	472.83	488.33	490.58	483.91	2.00	ppb
Silicon	28-1	551.84	579.70	597.76	576.43	4.01	ppb
Silver	109-1	509.96	519.34	514.28	514.53	0.91	ppb
Silver	107-1	510.68	519.94	517.69	516.10	0.94	ppb
Sodium	23-2	250190.42	253595.73	249760.70	251182.29	0.84	ppb
Strontium	86-1	486.70	494.38	489.67	490.25	0.79	ppb
Strontium	88-1	484.91	501.92	495.77	494.20	1.74	ppb
Sulfur	34-1	9105.31	9114.00	9701.91	9307.07	3.67	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	496.87	498.84	502.31	499.34	0.55	ppb
Thallium	205-1	503.97	510.80	507.99	507.59	0.68	ppb
Thorium	232-1	499.31	510.67	508.98	506.32	1.21	ppb
Tin	118-1	496.35	501.03	501.57	499.65	0.58	ppb
Titanium	47-1	2400.26	2439.53	2482.35	2440.71	1.68	ppb
Uranium	238-1	496.94	510.43	508.23	505.20	1.43	ppb
Vanadium	51-2	504.27	511.27	503.33	506.29	0.86	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:34:56	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1042.50	1065.00	1053.33	1053.61	1.07	ppb
Zirconium	90-1	493.71	504.81	505.61	501.38	1.33	ppb
Zirconium	91-1	487.22	500.15	497.33	494.90	1.37	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:38:35	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.97	0.64	1.27	0.96	32.79	ppb
Antimony	121-1	0.41	0.47	0.44	0.44	6.55	ppb
Arsenic	75-2	0.02	-0.02	0.01	0.01	290.84	ppb
Barium	135-1	0.05	-0.01	-0.05	0.00		ppb
Barium	137-1	0.07	0.00	-0.02	0.01	323.94	ppb
Beryllium	9-1	0.10	0.07	0.08	0.08	14.58	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Boron	10-1	22.12	20.30	20.31	20.91	5.00	ppb
Boron	11-1	20.31	20.22	19.31	19.95	2.77	ppb
Cadmium	111-1	-0.07	-0.07	-0.23	-0.12		ppb
Cadmium	106-1	-1.50	-1.87	-3.34	-2.23		ppb
Cadmium	108-1	0.06	0.06	0.00	0.04	84.00	ppb
Calcium	43-1	14.10	10.13	9.24	11.16	23.18	ppb
Calcium	44-1	14.05	10.06	7.65	10.59	30.55	ppb
Chromium	52-2	0.03	0.02	0.03	0.03	24.73	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	806.27	ppb
Copper	63-2	0.08	0.09	0.11	0.10	16.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				115		%
Iron	56-2	2.96	2.77	2.42	2.72	10.19	ppb
Iron	57-2	3.71	2.48	1.78	2.66	36.82	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.09	0.02	0.05	63.46	ppb
Lead	207-1	0.07	0.06	0.04	0.06	30.26	ppb
Lead	208-1	0.07	0.07	0.04	0.06	24.91	ppb
Lithium	6-1				114		%
Magnesium	24-2	4.69	2.78	2.37	3.28	37.78	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:38:35	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.03	-0.02		ppb
Molybdenum	94-1	0.48	0.29	0.38	0.38	24.98	ppb
Molybdenum	95-1	0.56	0.47	0.41	0.48	16.65	ppb
Molybdenum	96-1	0.50	0.44	0.46	0.47	6.80	ppb
Molybdenum	97-1	0.60	0.37	0.49	0.49	24.00	ppb
Molybdenum	98-1	0.58	0.46	0.42	0.49	17.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.09	-0.09	-0.09		ppb
Phosphorus	31-2	-18.65	-42.04	-38.85	-33.18		ppb
Potassium	39-2	5.37	4.49	3.21	4.35	24.95	ppb
Rhodium	103-1				114		%
Rhodium	103-2				115		%
Scandium	45-1				118		%
Scandium	45-2				117		%
Selenium	77-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	78-2	-0.35	0.11	0.59	0.12	402.62	ppb
Selenium	82-1	0.29	0.26	0.13	0.22	38.45	ppb
Silicon	28-1	1.71	1.60	1.22	1.51	17.24	ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.22	ppb
Silver	107-1	0.07	0.05	0.05	0.05	19.91	ppb
Sodium	23-2	50.65	46.76	48.87	48.76	4.00	ppb
Strontium	86-1	0.02	0.01	0.02	0.01	58.29	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	35.16	ppb
Sulfur	34-1	-1037.89	-946.39	-1003.16	-995.81		ppb
Terbium	159-1				115		%
Terbium	159-2				114		%
Thallium	203-1	0.19	0.13	0.12	0.14	27.01	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	8.16	ppb
Thorium	232-1	0.14	0.11	0.10	0.12	16.06	ppb
Tin	118-1	0.26	0.19	0.21	0.22	14.35	ppb
Titanium	47-1	0.16	0.27	0.15	0.19	35.27	ppb
Uranium	238-1	0.01	0.01	-0.01	0.01	179.25	ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:38:35	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.22	-0.16	-0.08	-0.15		ppb
Zirconium	90-1	0.08	0.06	0.03	0.06	44.07	ppb
Zirconium	91-1	0.05	0.04	0.03	0.04	23.56	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:42:11	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.69	20.51	20.95	20.05	5.96	ppb
Antimony	121-1	1.90	2.02	2.04	1.99	3.93	ppb
Arsenic	75-2	0.99	1.03	1.20	1.07	10.62	ppb
Barium	135-1	9.90	10.06	9.82	9.93	1.23	ppb
Barium	137-1	9.59	9.81	9.57	9.66	1.39	ppb
Beryllium	9-1	1.02	1.02	0.96	1.00	3.22	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	33.75	33.39	30.17	32.44	6.08	ppb
Boron	11-1	32.54	31.90	33.14	32.53	1.90	ppb
Cadmium	111-1	0.76	0.82	0.77	0.78	4.54	ppb
Cadmium	106-1	-1.33	-2.31	-2.05	-1.90		ppb
Cadmium	108-1	1.09	0.95	1.19	1.07	11.30	ppb
Calcium	43-1	467.12	444.47	441.72	451.10	3.09	ppb
Calcium	44-1	449.64	452.27	448.50	450.14	0.43	ppb
Chromium	52-2	1.93	2.00	2.09	2.00	3.98	ppb
Cobalt	59-2	0.99	1.04	0.93	0.98	5.47	ppb
Copper	63-2	2.02	2.12	2.16	2.10	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				112		%
Indium	115-1				118		%
Indium	115-2				113		%
Iron	56-2	54.79	54.64	54.38	54.60	0.38	ppb
Iron	57-2	55.54	58.56	58.90	57.66	3.21	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.98	0.93	0.94	4.39	ppb
Lead	207-1	0.92	0.91	0.97	0.93	3.87	ppb
Lead	208-1	0.91	0.95	0.93	0.93	2.57	ppb
Lithium	6-1				117		%
Magnesium	24-2	515.79	497.51	509.08	507.46	1.82	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:42:11	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	1.08	0.98	1.02	5.27	ppb
Molybdenum	94-1	4.70	4.44	4.57	4.57	2.88	ppb
Molybdenum	95-1	4.71	4.68	4.37	4.59	4.00	ppb
Molybdenum	96-1	4.60	4.70	4.49	4.59	2.27	ppb
Molybdenum	97-1	4.54	4.60	4.52	4.55	0.86	ppb
Molybdenum	98-1	4.57	4.61	4.53	4.57	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	0.84	0.99	1.00	15.99	ppb
Phosphorus	31-2	2.34	27.12	39.95	23.13	82.65	ppb
Potassium	39-2	510.65	501.30	503.00	504.98	0.99	ppb
Rhodium	103-1				117		%
Rhodium	103-2				113		%
Scandium	45-1				122		%
Scandium	45-2				116		%
Selenium	77-2	3.94	2.73	3.95	3.54	19.79	ppb
Selenium	78-2	4.98	5.22	5.39	5.20	3.91	ppb
Selenium	82-1	5.23	5.45	5.99	5.56	7.08	ppb
Silicon	28-1	8.23	8.49	9.10	8.61	5.20	ppb
Silver	109-1	1.13	1.13	1.11	1.12	0.66	ppb
Silver	107-1	1.12	1.08	1.11	1.10	1.76	ppb
Sodium	23-2	524.25	514.89	519.71	519.62	0.90	ppb
Strontium	86-1	0.83	0.81	0.89	0.84	4.47	ppb
Strontium	88-1	0.91	0.95	0.92	0.93	2.24	ppb
Sulfur	34-1	-821.04	-815.03	-880.45	-838.84		ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.92	0.99	0.96	0.95	3.72	ppb
Thallium	205-1	0.92	0.96	0.89	0.92	3.55	ppb
Thorium	232-1	0.85	0.82	0.80	0.82	2.88	ppb
Tin	118-1	5.23	5.26	5.18	5.22	0.76	ppb
Titanium	47-1	4.82	4.62	4.93	4.79	3.31	ppb
Uranium	238-1	0.81	0.81	0.80	0.81	1.07	ppb
Vanadium	51-2	5.17	5.06	5.11	5.12	1.08	ppb
Yttrium	89-1				120		%
Yttrium	89-2				114		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:42:11	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.83	1.94	1.90	1.89	2.90	ppb
Zirconium	90-1	0.90	0.89	0.89	0.89	1.13	ppb
Zirconium	91-1	0.96	0.91	0.80	0.89	9.30	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : PB122367BL Instrumnet Name : P7
 Client Sample ID : PB122367BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 12:45:47 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	0.18	0.80	0.34	118.08	ppb
Antimony	121-1	0.04	0.06	0.06	0.05	26.35	ppb
Arsenic	75-2	-0.04	-0.01	0.01	-0.01		ppb
Barium	135-1	-0.12	-0.13	-0.14	-0.13		ppb
Barium	137-1	-0.10	-0.11	-0.12	-0.11		ppb
Beryllium	9-1	0.03	0.03	0.02	0.02	22.34	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	7.80	7.32	7.53	7.55	3.21	ppb
Boron	11-1	7.77	7.27	7.26	7.44	3.94	ppb
Cadmium	111-1	-0.12	-0.12	-0.18	-0.14		ppb
Cadmium	106-1	-1.73	-1.69	-2.53	-1.98		ppb
Cadmium	108-1	0.07	0.00	-0.09	-0.01		ppb
Calcium	43-1	0.20	-0.68	0.99	0.17	489.59	ppb
Calcium	44-1	-0.68	0.83	-0.83	-0.23		ppb
Chromium	52-2	0.03	0.02	0.00	0.02	71.94	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.07	0.04	0.05	38.67	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				113		%
Holmium	165-2				113		%
Indium	115-1				115		%
Indium	115-2				115		%
Iron	56-2	0.23	0.49	0.31	0.35	38.73	ppb
Iron	57-2	-2.11	-0.73	0.11	-0.91		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.02	0.01	0.01	225.55	ppb
Lead	207-1	0.00	-0.01	0.01	0.00		ppb
Lead	208-1	0.01	0.01	0.02	0.01	34.34	ppb
Lithium	6-1				115		%
Magnesium	24-2	0.50	0.14	0.22	0.29	65.76	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : PB122367BL Instrumnet Name : P7
 Client Sample ID : PB122367BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 12:45:47 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.03	-0.03	-0.03		ppb
Molybdenum	94-1	-0.01	0.06	0.08	0.04	111.79	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	25.29	ppb
Molybdenum	96-1	0.01	0.03	0.05	0.03	67.52	ppb
Molybdenum	97-1	0.04	0.02	0.04	0.03	35.41	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	34.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.05	-0.08	-0.08		ppb
Phosphorus	31-2	-16.17	-22.61	-42.01	-26.93		ppb
Potassium	39-2	0.50	1.32	2.01	1.28	59.28	ppb
Rhodium	103-1				115		%
Rhodium	103-2				115		%
Scandium	45-1				120		%
Scandium	45-2				118		%
Selenium	77-2	0.36	-0.23	-0.23	-0.03		ppb
Selenium	78-2	-0.35	-0.38	-0.36	-0.36		ppb
Selenium	82-1	0.47	0.16	0.05	0.23	97.52	ppb
Silicon	28-1	-1.35	-0.89	-0.85	-1.03		ppb
Silver	109-1	0.01	0.02	0.02	0.02	13.89	ppb
Silver	107-1	0.01	0.01	0.00	0.01	53.38	ppb
Sodium	23-2	15.91	14.63	15.95	15.50	4.85	ppb
Strontium	86-1	-0.06	0.01	0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-527.06	-668.73	-692.98	-629.59		ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.04	0.02	0.03	30.59	ppb
Thallium	205-1	0.04	0.03	0.05	0.04	26.25	ppb
Thorium	232-1	0.01	0.00	0.00	0.01	137.35	ppb
Tin	118-1	0.02	0.05	0.03	0.03	42.66	ppb
Titanium	47-1	0.00	0.00	0.04	0.02	132.06	ppb
Uranium	238-1	-0.02	-0.03	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				118		%
Yttrium	89-2				116		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	PB122367BL	Instrumnet Name :	P7
Client Sample ID :	PB122367BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:45:47	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.03	-0.16	-0.04		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	280.99	ppb
Zirconium	91-1	0.02	0.02	-0.03	0.01	519.61	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	PB122367BS	Instrumnet Name :	P7
Client Sample ID :	PB122367BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:49:24	DataFile Name :	021DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9752.23	9811.77	9868.37	9810.79	0.59	ppb
Antimony	121-1	495.56	499.87	491.51	495.65	0.84	ppb
Arsenic	75-2	505.94	500.73	503.65	503.44	0.52	ppb
Barium	135-1	2483.05	2492.89	2460.02	2478.66	0.68	ppb
Barium	137-1	2521.56	2521.02	2493.41	2512.00	0.64	ppb
Beryllium	9-1	494.15	494.49	488.68	492.44	0.66	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	466.15	487.92	486.38	480.15	2.53	ppb
Boron	11-1	463.38	477.20	481.42	474.00	1.99	ppb
Cadmium	111-1	488.25	490.89	483.70	487.61	0.75	ppb
Cadmium	106-1	494.46	497.37	484.17	492.00	1.41	ppb
Cadmium	108-1	500.52	497.47	493.52	497.17	0.71	ppb
Calcium	43-1	47393.15	47488.45	46977.90	47286.50	0.57	ppb
Calcium	44-1	47931.80	48170.75	47553.04	47885.20	0.65	ppb
Chromium	52-2	487.83	491.69	499.74	493.09	1.23	ppb
Cobalt	59-2	489.01	491.00	496.47	492.16	0.79	ppb
Copper	63-2	940.62	947.84	948.58	945.68	0.46	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				111		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	25507.35	25495.36	25628.28	25543.66	0.29	ppb
Iron	57-2	25119.78	25249.67	25397.69	25255.71	0.55	ppb
Krypton	83-1						cps
Lead	206-1	495.75	487.37	488.42	490.52	0.93	ppb
Lead	207-1	492.22	485.33	487.85	488.46	0.71	ppb
Lead	208-1	482.53	488.24	488.42	486.40	0.69	ppb
Lithium	6-1				111		%
Magnesium	24-2	51606.91	51335.71	51610.01	51517.54	0.31	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	PB122367BS	Instrumnet Name :	P7
Client Sample ID :	PB122367BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:49:24	DataFile Name :	021DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	973.59	974.17	980.59	976.12	0.40	ppb
Molybdenum	94-1	2464.00	2477.81	2462.10	2467.97	0.35	ppb
Molybdenum	95-1	2475.00	2476.79	2460.05	2470.61	0.37	ppb
Molybdenum	96-1	2465.55	2466.18	2461.29	2464.34	0.11	ppb
Molybdenum	97-1	2390.24	2395.28	2370.21	2385.24	0.56	ppb
Molybdenum	98-1	2447.07	2466.14	2439.72	2450.98	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.66	493.88	495.33	493.95	0.27	ppb
Phosphorus	31-2	9835.25	10046.98	9569.13	9817.12	2.44	ppb
Potassium	39-2	25118.27	25035.52	25127.51	25093.77	0.20	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	516.13	514.93	520.79	517.29	0.60	ppb
Selenium	78-2	490.44	499.53	507.58	499.18	1.72	ppb
Selenium	82-1	499.43	506.97	496.76	501.05	1.06	ppb
Silicon	28-1	546.43	560.03	553.72	553.39	1.23	ppb
Silver	109-1	497.71	497.13	491.15	495.33	0.73	ppb
Silver	107-1	500.60	495.67	490.49	495.59	1.02	ppb
Sodium	23-2	51412.38	51371.06	51781.84	51521.76	0.44	ppb
Strontium	86-1	487.55	488.98	479.99	485.51	0.99	ppb
Strontium	88-1	490.60	495.91	486.80	491.10	0.93	ppb
Sulfur	34-1	9435.94	9462.09	8961.86	9286.63	3.03	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	482.86	483.66	475.59	480.70	0.93	ppb
Thallium	205-1	493.41	491.10	488.30	490.94	0.52	ppb
Thorium	232-1	471.35	475.21	471.76	472.77	0.45	ppb
Tin	118-1	507.47	508.42	500.73	505.54	0.83	ppb
Titanium	47-1	2421.66	2435.03	2394.81	2417.17	0.85	ppb
Uranium	238-1	474.91	470.37	468.06	471.11	0.74	ppb
Vanadium	51-2	491.17	492.67	493.23	492.36	0.22	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	PB122367BS	Instrumnet Name :	P7
Client Sample ID :	PB122367BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:49:24	DataFile Name :	021DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	902.50	901.94	906.91	903.78	0.30	ppb
Zirconium	90-1	494.32	500.88	491.50	495.57	0.97	ppb
Zirconium	91-1	486.23	491.64	482.95	486.94	0.90	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01	Instrumnet Name :	P7
Client Sample ID :	390815014	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:53:05	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	122.91	113.08	122.16	119.38	4.58	ppb
Antimony	121-1	0.61	0.57	0.61	0.59	3.95	ppb
Arsenic	75-2	0.29	0.23	0.14	0.22	35.00	ppb
Barium	135-1	11.17	11.02	10.42	10.87	3.67	ppb
Barium	137-1	10.79	11.15	10.61	10.85	2.53	ppb
Beryllium	9-1	0.18	0.20	0.13	0.17	23.07	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	28.52	30.98	28.86	29.45	4.53	ppb
Boron	11-1	29.62	27.60	27.45	28.22	4.29	ppb
Cadmium	111-1	0.12	-0.09	-0.15	-0.04		ppb
Cadmium	106-1	-2.34	-4.73	-5.20	-4.09		ppb
Cadmium	108-1	0.45	0.59	0.14	0.39	59.07	ppb
Calcium	43-1	12078.84	12100.03	11958.50	12045.79	0.63	ppb
Calcium	44-1	11885.01	12011.25	11813.68	11903.31	0.84	ppb
Chromium	52-2	0.28	0.31	0.25	0.28	10.60	ppb
Cobalt	59-2	0.19	0.20	0.16	0.19	11.42	ppb
Copper	63-2	289.59	287.59	288.12	288.43	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	61.88	59.34	59.16	60.13	2.53	ppb
Iron	57-2	96.82	94.83	92.42	94.69	2.33	ppb
Krypton	83-1						cps
Lead	206-1	4.75	4.65	4.48	4.63	2.96	ppb
Lead	207-1	4.64	4.41	4.32	4.46	3.62	ppb
Lead	208-1	4.45	4.42	4.32	4.40	1.59	ppb
Lithium	6-1				108		%
Magnesium	24-2	3367.45	3313.08	3340.24	3340.26	0.81	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01	Instrumnet Name :	P7
Client Sample ID :	390815014	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:53:05	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	424.32	420.05	422.01	422.12	0.51	ppb
Molybdenum	94-1	1.62	1.51	1.42	1.52	6.81	ppb
Molybdenum	95-1	1.14	1.10	0.76	1.00	20.86	ppb
Molybdenum	96-1	1.29	1.17	0.98	1.15	13.23	ppb
Molybdenum	97-1	1.19	1.06	0.86	1.04	16.04	ppb
Molybdenum	98-1	1.19	1.05	1.00	1.08	9.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.60	28.63	28.86	28.70	0.49	ppb
Phosphorus	31-2	486.11	424.51	408.47	439.70	9.32	ppb
Potassium	39-2	673.49	684.92	675.70	678.04	0.89	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	78-2	0.14	-0.69	-0.08	-0.21		ppb
Selenium	82-1	0.11	0.57	0.00	0.23	133.36	ppb
Silicon	28-1	3010.60	3036.94	3024.84	3024.13	0.44	ppb
Silver	109-1	0.19	0.12	0.11	0.14	32.64	ppb
Silver	107-1	0.18	0.17	0.13	0.16	14.92	ppb
Sodium	23-2	24467.04	24132.49	24281.39	24293.64	0.69	ppb
Strontium	86-1	32.85	32.57	32.40	32.61	0.70	ppb
Strontium	88-1	32.53	32.02	32.23	32.26	0.79	ppb
Sulfur	34-1	1765.49	1872.50	1825.24	1821.08	2.94	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.22	0.19	0.14	0.18	20.65	ppb
Thallium	205-1	0.23	0.19	0.15	0.19	20.86	ppb
Thorium	232-1	0.21	0.21	0.19	0.21	6.64	ppb
Tin	118-1	0.49	0.51	0.40	0.46	13.04	ppb
Titanium	47-1	3.21	2.86	2.94	3.00	6.10	ppb
Uranium	238-1	0.14	0.11	0.08	0.11	26.19	ppb
Vanadium	51-2	0.17	0.15	0.14	0.15	8.76	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01	Instrumnet Name :	P7
Client Sample ID :	390815014	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:53:05	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	361.81	357.21	357.53	358.85	0.72	ppb
Zirconium	90-1	0.52	0.50	0.45	0.49	7.82	ppb
Zirconium	91-1	0.54	0.47	0.41	0.47	13.40	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01DUP	Instrumnet Name :	P7
Client Sample ID :	390815014DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:00:43	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113.08	105.91	117.75	112.25	5.32	ppb
Antimony	121-1	0.14	0.19	0.18	0.17	14.65	ppb
Arsenic	75-2	0.29	0.23	0.23	0.25	13.17	ppb
Barium	135-1	10.52	10.23	10.51	10.42	1.60	ppb
Barium	137-1	10.40	10.62	10.46	10.49	1.09	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	20.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	15.83	15.38	15.61	15.61	1.42	ppb
Boron	11-1	15.17	14.38	14.72	14.76	2.68	ppb
Cadmium	111-1	-0.16	-0.27	-0.30	-0.24		ppb
Cadmium	106-1	-4.09	-5.26	-5.95	-5.10		ppb
Cadmium	108-1	0.34	0.44	0.27	0.35	23.46	ppb
Calcium	43-1	12136.07	12056.16	11965.30	12052.51	0.71	ppb
Calcium	44-1	11927.21	11914.68	11834.98	11892.29	0.42	ppb
Chromium	52-2	0.18	0.20	0.18	0.19	5.65	ppb
Cobalt	59-2	0.13	0.15	0.14	0.14	7.55	ppb
Copper	63-2	287.63	287.52	286.94	287.36	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				108		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	56.18	57.38	55.80	56.45	1.46	ppb
Iron	57-2	99.03	97.92	80.84	92.59	11.01	ppb
Krypton	83-1						cps
Lead	206-1	4.52	4.54	4.30	4.45	2.94	ppb
Lead	207-1	4.18	4.24	4.24	4.22	0.90	ppb
Lead	208-1	4.27	4.29	4.21	4.26	0.99	ppb
Lithium	6-1				107		%
Magnesium	24-2	3349.14	3347.88	3328.73	3341.91	0.34	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01DUP	Instrumnet Name :	P7
Client Sample ID :	390815014DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:00:43	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	419.54	419.88	421.22	420.21	0.21	ppb
Molybdenum	94-1	0.66	0.68	0.60	0.65	6.17	ppb
Molybdenum	95-1	0.13	0.17	0.09	0.13	29.79	ppb
Molybdenum	96-1	0.21	0.18	0.18	0.19	9.72	ppb
Molybdenum	97-1	0.15	0.14	0.09	0.12	22.28	ppb
Molybdenum	98-1	0.16	0.14	0.12	0.14	12.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.29	28.80	28.37	28.82	1.60	ppb
Phosphorus	31-2	393.10	524.79	397.97	438.62	17.02	ppb
Potassium	39-2	672.60	678.62	673.92	675.05	0.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	78-2	-0.18	-0.61	0.10	-0.23		ppb
Selenium	82-1	0.77	0.49	0.63	0.63	22.13	ppb
Silicon	28-1	3049.55	3028.48	3022.59	3033.54	0.47	ppb
Silver	109-1	0.03	0.04	0.04	0.04	10.32	ppb
Silver	107-1	0.05	0.05	0.04	0.05	6.05	ppb
Sodium	23-2	24288.84	24162.89	24207.62	24219.78	0.26	ppb
Strontium	86-1	32.08	33.00	32.60	32.56	1.42	ppb
Strontium	88-1	32.47	31.95	32.28	32.24	0.82	ppb
Sulfur	34-1	2233.71	2039.10	2017.66	2096.82	5.68	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.00	0.05	0.03	82.01	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	23.17	ppb
Thorium	232-1	0.02	0.02	0.03	0.03	17.32	ppb
Tin	118-1	0.25	0.18	0.24	0.22	17.00	ppb
Titanium	47-1	2.11	2.35	2.12	2.19	6.30	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.11	0.11	0.10	0.11	2.64	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01DUP	Instrumnet Name :	P7
Client Sample ID :	390815014DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:00:43	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	351.02	352.76	352.32	352.03	0.26	ppb
Zirconium	90-1	0.39	0.39	0.38	0.39	1.66	ppb
Zirconium	91-1	0.38	0.34	0.38	0.37	5.18	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01LX5	Instrumnet Name :	P7
Client Sample ID :	390815014L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-19 13:04:20	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.44	25.31	22.95	23.23	8.38	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	13.48	ppb
Arsenic	75-2	-0.02	0.02	0.02	0.00	781.80	ppb
Barium	135-1	1.88	1.81	2.02	1.90	5.60	ppb
Barium	137-1	1.81	1.91	1.99	1.90	4.73	ppb
Beryllium	9-1	0.04	0.01	0.03	0.03	46.96	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	6.83	6.09	5.93	6.29	7.66	ppb
Boron	11-1	6.44	6.16	6.38	6.33	2.34	ppb
Cadmium	111-1	-0.37	-0.28	-0.25	-0.30		ppb
Cadmium	106-1	-5.41	-4.33	-3.66	-4.47		ppb
Cadmium	108-1	-0.06	0.07	0.04	0.02	379.78	ppb
Calcium	43-1	2344.21	2374.27	2349.07	2355.85	0.68	ppb
Calcium	44-1	2384.83	2370.98	2362.55	2372.78	0.47	ppb
Chromium	52-2	0.07	0.05	0.05	0.06	20.14	ppb
Cobalt	59-2	0.01	0.03	0.02	0.02	52.67	ppb
Copper	63-2	58.19	57.87	58.22	58.09	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	11.70	11.25	11.38	11.44	2.02	ppb
Iron	57-2	16.50	19.73	14.84	17.02	14.60	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.91	0.89	0.91	2.11	ppb
Lead	207-1	0.80	0.82	0.80	0.81	1.15	ppb
Lead	208-1	0.86	0.84	0.83	0.85	2.01	ppb
Lithium	6-1				109		%
Magnesium	24-2	658.59	659.91	662.67	660.39	0.32	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01LX5	Instrumnet Name :	P7
Client Sample ID :	390815014L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-19 13:04:20	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	84.61	84.37	84.16	84.38	0.27	ppb
Molybdenum	94-1	0.11	0.11	0.13	0.12	8.32	ppb
Molybdenum	95-1	0.01	0.00	0.03	0.01	173.89	ppb
Molybdenum	96-1	0.04	0.02	0.04	0.03	24.63	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.03	17.31	ppb
Molybdenum	98-1	0.03	0.01	0.02	0.02	69.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.70	5.75	5.59	5.68	1.40	ppb
Phosphorus	31-2	80.23	72.75	79.40	77.46	5.29	ppb
Potassium	39-2	134.00	127.77	138.69	133.49	4.10	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	-0.23	-0.23	-0.23	-0.23		ppb
Selenium	78-2	0.38	-0.34	-0.95	-0.30		ppb
Selenium	82-1	0.65	0.32	0.36	0.44	39.83	ppb
Silicon	28-1	608.01	605.55	604.08	605.88	0.33	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.53	ppb
Silver	107-1	0.00	0.01	0.00	0.01	89.05	ppb
Sodium	23-2	4755.51	4708.84	4741.07	4735.14	0.50	ppb
Strontium	86-1	6.53	6.26	6.30	6.36	2.25	ppb
Strontium	88-1	6.35	6.37	6.36	6.36	0.12	ppb
Sulfur	34-1	-451.51	-370.31	-453.39	-425.07		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.00	0.01	0.01	104.28	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.69	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	67.97	ppb
Tin	118-1	0.05	0.04	0.05	0.04	14.59	ppb
Titanium	47-1	0.40	0.41	0.63	0.48	26.88	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	56.20	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01LX5	Instrumnet Name :	P7
Client Sample ID :	390815014L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-19 13:04:20	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	73.39	72.72	74.26	73.46	1.05	ppb
Zirconium	90-1	0.09	0.07	0.07	0.08	18.55	ppb
Zirconium	91-1	0.03	0.08	0.07	0.06	48.16	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MS	Instrumnet Name :	P7
Client Sample ID :	390815014MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:07:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2021.58	1998.25	2007.90	2009.24	0.58	ppb
Antimony	121-1	795.49	793.78	793.80	794.36	0.12	ppb
Arsenic	75-2	819.62	823.48	824.75	822.62	0.32	ppb
Barium	135-1	216.79	215.06	215.66	215.84	0.41	ppb
Barium	137-1	214.71	213.98	214.44	214.38	0.17	ppb
Beryllium	9-1	194.21	193.72	194.66	194.20	0.24	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	280.79	288.85	301.11	290.25	3.52	ppb
Boron	11-1	282.72	288.83	296.37	289.31	2.36	ppb
Cadmium	111-1	199.07	197.91	197.05	198.01	0.51	ppb
Cadmium	106-1	158.60	158.36	155.74	157.57	1.01	ppb
Cadmium	108-1	177.15	181.84	180.65	179.88	1.35	ppb
Calcium	43-1	12880.16	12972.28	13028.27	12960.24	0.58	ppb
Calcium	44-1	12687.75	12840.34	12814.11	12780.73	0.64	ppb
Chromium	52-2	402.05	405.35	405.14	404.18	0.46	ppb
Cobalt	59-2	206.05	206.74	208.38	207.06	0.58	ppb
Copper	63-2	588.33	590.73	591.96	590.34	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	3209.07	3230.15	3224.05	3221.09	0.34	ppb
Iron	57-2	3256.73	3236.66	3289.27	3260.89	0.81	ppb
Krypton	83-1						cps
Lead	206-1	971.24	974.22	976.99	974.15	0.30	ppb
Lead	207-1	974.54	974.51	970.54	973.20	0.24	ppb
Lead	208-1	982.52	981.90	982.33	982.25	0.03	ppb
Lithium	6-1				110		%
Magnesium	24-2	5384.44	5382.90	5376.06	5381.13	0.08	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MS	Instrumnet Name :	P7
Client Sample ID :	390815014MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:07:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	613.21	618.36	617.63	616.40	0.45	ppb
Molybdenum	94-1	255.84	256.72	254.83	255.79	0.37	ppb
Molybdenum	95-1	359.29	361.58	359.53	360.13	0.35	ppb
Molybdenum	96-1	345.89	346.48	347.37	346.58	0.21	ppb
Molybdenum	97-1	360.19	361.12	362.34	361.22	0.30	ppb
Molybdenum	98-1	357.66	363.09	358.45	359.73	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.86	552.60	553.74	551.74	0.46	ppb
Phosphorus	31-2	6437.91	6615.72	6595.08	6549.57	1.48	ppb
Potassium	39-2	11022.20	11007.22	10934.09	10987.84	0.43	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	2083.81	2039.31	2072.00	2065.04	1.12	ppb
Selenium	78-2	2050.13	2012.89	2039.25	2034.09	0.94	ppb
Selenium	82-1	1976.40	2016.36	2013.21	2001.99	1.11	ppb
Silicon	28-1	3937.09	3981.55	4020.07	3979.57	1.04	ppb
Silver	109-1	76.87	75.60	75.93	76.13	0.87	ppb
Silver	107-1	76.66	76.15	75.99	76.26	0.46	ppb
Sodium	23-2	27250.80	27410.14	27380.86	27347.27	0.31	ppb
Strontium	86-1	230.78	231.49	230.54	230.94	0.21	ppb
Strontium	88-1	225.29	227.25	226.87	226.47	0.46	ppb
Sulfur	34-1	1674.99	1592.19	1645.70	1637.62	2.56	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	1967.35	1979.71	1981.23	1976.10	0.39	ppb
Thallium	205-1	1958.62	1956.59	1967.14	1960.78	0.29	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	9.95	ppb
Tin	118-1	718.10	713.11	710.33	713.85	0.55	ppb
Titanium	47-1	204.96	201.05	202.79	202.93	0.96	ppb
Uranium	238-1	-0.01	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	300.84	303.77	303.07	302.56	0.51	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MS	Instrumnet Name :	P7
Client Sample ID :	390815014MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:07:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	541.36	553.34	546.25	546.99	1.10	ppb
Zirconium	90-1	0.61	0.61	0.63	0.62	1.70	ppb
Zirconium	91-1	0.84	0.82	0.83	0.83	1.03	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MSD	Instrumnet Name :	P7
Client Sample ID :	390815014MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:11:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2045.25	2041.12	1999.93	2028.77	1.24	ppb
Antimony	121-1	819.48	809.59	801.42	810.16	1.12	ppb
Arsenic	75-2	830.56	824.49	822.23	825.76	0.52	ppb
Barium	135-1	222.80	218.59	216.97	219.46	1.37	ppb
Barium	137-1	219.42	217.14	215.86	217.47	0.83	ppb
Beryllium	9-1	198.76	198.34	194.90	197.33	1.07	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	299.65	310.17	306.72	305.51	1.75	ppb
Boron	11-1	303.54	310.25	305.57	306.45	1.12	ppb
Cadmium	111-1	204.17	198.79	199.03	200.66	1.51	ppb
Cadmium	106-1	165.97	160.28	169.26	165.17	2.75	ppb
Cadmium	108-1	178.88	180.08	178.65	179.20	0.43	ppb
Calcium	43-1	13320.17	13204.41	13134.79	13219.79	0.71	ppb
Calcium	44-1	13032.91	13085.54	12885.33	13001.26	0.80	ppb
Chromium	52-2	408.91	407.97	404.90	407.26	0.51	ppb
Cobalt	59-2	208.77	207.93	206.96	207.89	0.43	ppb
Copper	63-2	594.52	594.57	586.64	591.91	0.77	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				110		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	3226.84	3224.69	3203.70	3218.41	0.40	ppb
Iron	57-2	3271.83	3285.28	3261.59	3272.90	0.36	ppb
Krypton	83-1						cps
Lead	206-1	1025.71	983.75	1025.47	1011.65	2.39	ppb
Lead	207-1	989.12	981.86	980.56	983.85	0.47	ppb
Lead	208-1	1006.55	994.39	1001.62	1000.85	0.61	ppb
Lithium	6-1				112		%
Magnesium	24-2	5415.14	5400.01	5401.61	5405.59	0.15	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MSD	Instrumnet Name :	P7
Client Sample ID :	390815014MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:11:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	621.15	614.79	611.37	615.77	0.81	ppb
Molybdenum	94-1	260.22	259.96	255.84	258.67	0.95	ppb
Molybdenum	95-1	367.04	365.55	362.25	364.94	0.67	ppb
Molybdenum	96-1	353.27	351.20	351.34	351.94	0.33	ppb
Molybdenum	97-1	368.34	362.03	365.39	365.25	0.86	ppb
Molybdenum	98-1	367.43	363.05	365.46	365.31	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	558.15	553.21	548.23	553.20	0.90	ppb
Phosphorus	31-2	6548.95	6437.49	6539.37	6508.60	0.95	ppb
Potassium	39-2	11021.64	11052.23	11031.02	11034.96	0.14	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	2077.93	2073.79	2143.82	2098.51	1.87	ppb
Selenium	78-2	2016.64	2012.41	2038.85	2022.63	0.70	ppb
Selenium	82-1	2034.84	2020.57	1997.32	2017.58	0.94	ppb
Silicon	28-1	4053.52	4092.30	4046.32	4064.05	0.61	ppb
Silver	109-1	78.44	76.81	76.32	77.19	1.44	ppb
Silver	107-1	77.78	76.48	76.74	77.00	0.89	ppb
Sodium	23-2	27612.09	27454.66	27274.91	27447.22	0.61	ppb
Strontium	86-1	235.65	233.90	228.17	232.57	1.68	ppb
Strontium	88-1	229.73	229.38	226.60	228.57	0.75	ppb
Sulfur	34-1	1562.79	1552.87	1418.95	1511.54	5.31	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	2027.57	2000.60	1990.18	2006.12	0.96	ppb
Thallium	205-1	2001.54	1997.67	1989.29	1996.17	0.31	ppb
Thorium	232-1	0.03	0.03	0.04	0.03	14.97	ppb
Tin	118-1	733.60	721.93	715.85	723.79	1.25	ppb
Titanium	47-1	207.40	207.77	205.59	206.92	0.56	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	305.64	305.00	302.98	304.54	0.46	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MSD	Instrumnet Name :	P7
Client Sample ID :	390815014MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:11:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	546.73	546.57	546.93	546.74	0.03	ppb
Zirconium	90-1	0.50	0.51	0.50	0.50	0.99	ppb
Zirconium	91-1	0.74	0.75	0.83	0.77	6.51	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01A	Instrumnet Name :	P7
Client Sample ID :	390815014A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:15:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2051.56	2012.20	1989.82	2017.86	1.55	ppb
Antimony	121-1	803.16	803.36	806.60	804.37	0.24	ppb
Arsenic	75-2	834.55	831.69	836.78	834.34	0.31	ppb
Barium	135-1	219.54	217.61	217.91	218.35	0.48	ppb
Barium	137-1	215.47	213.85	217.29	215.53	0.80	ppb
Beryllium	9-1	195.54	195.90	195.12	195.52	0.20	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	304.02	303.36	310.87	306.08	1.36	ppb
Boron	11-1	301.87	312.69	313.43	309.33	2.09	ppb
Cadmium	111-1	199.42	199.39	199.36	199.39	0.01	ppb
Cadmium	106-1	162.54	160.41	160.43	161.13	0.76	ppb
Cadmium	108-1	181.47	180.60	179.40	180.49	0.57	ppb
Calcium	43-1	12837.72	12896.05	12892.50	12875.42	0.25	ppb
Calcium	44-1	12635.16	12613.81	12686.81	12645.26	0.30	ppb
Chromium	52-2	409.40	410.20	404.95	408.18	0.69	ppb
Cobalt	59-2	209.84	209.74	207.43	209.00	0.65	ppb
Copper	63-2	593.04	596.30	590.30	593.21	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	56-2	3248.56	3228.26	3203.28	3226.70	0.70	ppb
Iron	57-2	3311.76	3299.87	3268.43	3293.35	0.68	ppb
Krypton	83-1						cps
Lead	206-1	1021.72	1019.79	1016.20	1019.24	0.27	ppb
Lead	207-1	986.98	978.70	975.83	980.50	0.59	ppb
Lead	208-1	1005.34	1000.17	998.12	1001.21	0.37	ppb
Lithium	6-1				113		%
Magnesium	24-2	5411.09	5442.21	5388.04	5413.78	0.50	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01A	Instrumnet Name :	P7
Client Sample ID :	390815014A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:15:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	620.15	618.09	610.83	616.35	0.79	ppb
Molybdenum	94-1	261.14	256.35	255.60	257.70	1.17	ppb
Molybdenum	95-1	364.52	362.44	362.77	363.24	0.31	ppb
Molybdenum	96-1	351.07	354.11	351.30	352.16	0.48	ppb
Molybdenum	97-1	364.78	361.60	364.02	363.47	0.46	ppb
Molybdenum	98-1	362.28	362.25	360.35	361.63	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.84	557.36	551.27	554.49	0.55	ppb
Phosphorus	31-2	6620.14	6416.42	6437.01	6491.19	1.73	ppb
Potassium	39-2	11068.92	11077.32	11036.82	11061.02	0.19	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	2106.80	2113.44	2063.50	2094.58	1.29	ppb
Selenium	78-2	2061.52	2005.00	2054.23	2040.25	1.51	ppb
Selenium	82-1	2004.86	1995.57	1990.56	1997.00	0.36	ppb
Silicon	28-1	3930.24	3954.53	3944.58	3943.12	0.31	ppb
Silver	109-1	77.25	77.03	76.89	77.05	0.23	ppb
Silver	107-1	77.44	77.10	77.84	77.46	0.48	ppb
Sodium	23-2	27609.87	27443.27	27333.80	27462.31	0.51	ppb
Strontium	86-1	230.08	230.88	229.42	230.13	0.32	ppb
Strontium	88-1	227.78	228.01	228.41	228.07	0.14	ppb
Sulfur	34-1	1227.26	1196.75	1060.39	1161.47	7.65	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	1997.51	1996.96	2000.42	1998.30	0.09	ppb
Thallium	205-1	1988.51	1986.81	1990.01	1988.45	0.08	ppb
Thorium	232-1	0.03	0.01	0.03	0.02	53.44	ppb
Tin	118-1	723.84	722.52	725.25	723.87	0.19	ppb
Titanium	47-1	201.36	202.36	200.79	201.50	0.40	ppb
Uranium	238-1	-0.02	-0.01	-0.02	-0.02		ppb
Vanadium	51-2	307.76	306.31	302.43	305.50	0.90	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01A	Instrumnet Name :	P7
Client Sample ID :	390815014A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:15:07	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	551.75	548.97	547.84	549.52	0.37	ppb
Zirconium	90-1	0.50	0.48	0.49	0.49	1.76	ppb
Zirconium	91-1	0.76	0.68	0.69	0.71	5.86	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:19:37	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51219.49	52167.26	50997.78	51461.51	1.21	ppb
Antimony	121-1	480.66	481.21	477.71	479.86	0.39	ppb
Arsenic	75-2	536.45	553.53	536.03	542.01	1.84	ppb
Barium	135-1	2475.13	2466.95	2464.41	2468.83	0.23	ppb
Barium	137-1	2526.84	2530.08	2518.01	2524.98	0.25	ppb
Beryllium	9-1	482.90	484.73	488.86	485.50	0.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	487.11	501.80	500.52	496.48	1.64	ppb
Boron	11-1	487.32	494.86	506.43	496.21	1.94	ppb
Cadmium	111-1	517.25	518.33	513.58	516.38	0.48	ppb
Cadmium	106-1	508.33	520.11	511.41	513.28	1.19	ppb
Cadmium	108-1	527.91	513.81	519.15	520.29	1.37	ppb
Calcium	43-1	238987.95	239478.95	240579.52	239682.14	0.34	ppb
Calcium	44-1	243239.30	244927.05	245139.70	244435.35	0.43	ppb
Chromium	52-2	506.38	514.46	501.70	507.52	1.27	ppb
Cobalt	59-2	490.77	498.13	486.00	491.63	1.24	ppb
Copper	63-2	1018.75	1031.76	1006.35	1018.95	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	128295.51	129925.75	126461.45	128227.57	1.35	ppb
Iron	57-2	126305.85	127878.03	124112.37	126098.75	1.50	ppb
Krypton	83-1						cps
Lead	206-1	507.76	504.19	509.29	507.08	0.52	ppb
Lead	207-1	505.66	498.99	507.85	504.17	0.92	ppb
Lead	208-1	509.36	504.10	509.54	507.67	0.61	ppb
Lithium	6-1				110		%
Magnesium	24-2	254416.08	260194.43	253742.53	256117.68	1.38	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:19:37	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.19	997.90	977.49	987.19	1.04	ppb
Molybdenum	94-1	2491.18	2492.82	2498.06	2494.02	0.14	ppb
Molybdenum	95-1	2497.36	2501.56	2495.64	2498.19	0.12	ppb
Molybdenum	96-1	2496.93	2498.41	2484.43	2493.26	0.31	ppb
Molybdenum	97-1	2404.50	2510.55	2408.64	2441.23	2.46	ppb
Molybdenum	98-1	2484.29	2480.73	2476.27	2480.43	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.27	491.68	482.95	486.30	0.97	ppb
Phosphorus	31-2	9762.17	10275.95	10280.81	10106.31	2.95	ppb
Potassium	39-2	129499.48	132204.97	128473.62	130059.36	1.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	497.92	530.56	505.21	511.23	3.35	ppb
Selenium	78-2	505.77	511.70	490.41	502.63	2.19	ppb
Selenium	82-1	484.96	487.01	483.17	485.05	0.40	ppb
Silicon	28-1	582.90	598.02	605.37	595.43	1.92	ppb
Silver	109-1	510.44	509.87	508.51	509.61	0.19	ppb
Silver	107-1	511.58	510.12	508.63	510.11	0.29	ppb
Sodium	23-2	255869.04	260125.25	252976.67	256323.65	1.40	ppb
Strontium	86-1	491.18	490.54	488.75	490.16	0.26	ppb
Strontium	88-1	497.54	501.20	498.44	499.06	0.38	ppb
Sulfur	34-1	9512.40	9419.95	9403.54	9445.30	0.62	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	513.89	515.33	519.44	516.22	0.56	ppb
Thallium	205-1	524.07	525.77	530.37	526.74	0.62	ppb
Thorium	232-1	509.19	508.55	511.95	509.90	0.35	ppb
Tin	118-1	498.76	498.50	495.29	497.51	0.39	ppb
Titanium	47-1	2472.34	2515.33	2489.05	2492.24	0.87	ppb
Uranium	238-1	505.72	505.63	509.45	506.93	0.43	ppb
Vanadium	51-2	505.03	516.32	501.03	507.46	1.56	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:19:37	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1047.97	1079.13	1037.36	1054.82	2.06	ppb
Zirconium	90-1	502.39	504.61	502.63	503.21	0.24	ppb
Zirconium	91-1	494.39	493.54	490.17	492.70	0.45	ppb

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : CCB57 Instrumnet Name : P7
 Client Sample ID : CCB57 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 13:23:15 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.24	9.59	5.32	7.72	28.30	ppb
Antimony	121-1	0.60	0.67	0.65	0.64	5.57	ppb
Arsenic	75-2	0.18	0.11	0.04	0.11	62.55	ppb
Barium	135-1	0.42	0.31	0.28	0.34	23.20	ppb
Barium	137-1	0.41	0.38	0.39	0.40	4.05	ppb
Beryllium	9-1	0.18	0.20	0.18	0.18	8.76	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	24.52	24.51	23.55	24.19	2.30	ppb
Boron	11-1	25.78	25.36	22.90	24.68	6.29	ppb
Cadmium	111-1	-0.31	-0.18	-0.07	-0.19		ppb
Cadmium	106-1	-6.15	-4.39	-3.16	-4.57		ppb
Cadmium	108-1	0.15	0.06	0.06	0.09	56.75	ppb
Calcium	43-1	49.18	43.41	41.05	44.55	9.39	ppb
Calcium	44-1	50.09	44.89	40.31	45.10	10.85	ppb
Chromium	52-2	0.15	0.09	0.07	0.10	40.06	ppb
Cobalt	59-2	0.08	0.08	0.07	0.07	8.99	ppb
Copper	63-2	0.25	0.21	0.24	0.23	9.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				112		%
Indium	115-1				115		%
Indium	115-2				112		%
Iron	56-2	19.72	18.43	16.51	18.22	8.87	ppb
Iron	57-2	17.69	17.15	15.17	16.67	7.95	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.18	0.20	0.20	7.86	ppb
Lead	207-1	0.21	0.22	0.21	0.21	2.03	ppb
Lead	208-1	0.21	0.20	0.19	0.20	5.50	ppb
Lithium	6-1				113		%
Magnesium	24-2	36.71	34.84	31.62	34.39	7.48	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P7
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:23:15	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.18	0.15	0.16	11.02	ppb
Molybdenum	94-1	0.78	0.69	0.68	0.72	7.84	ppb
Molybdenum	95-1	0.95	0.77	0.78	0.83	12.26	ppb
Molybdenum	96-1	0.92	0.76	0.72	0.80	13.22	ppb
Molybdenum	97-1	0.89	0.80	0.71	0.80	11.12	ppb
Molybdenum	98-1	0.90	0.78	0.76	0.81	9.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	0.03	0.02	123.28	ppb
Phosphorus	31-2	-28.77	-44.31	-35.72	-36.27		ppb
Potassium	39-2	25.98	17.81	20.73	21.51	19.24	ppb
Rhodium	103-1				114		%
Rhodium	103-2				112		%
Scandium	45-1				117		%
Scandium	45-2				114		%
Selenium	77-2	-0.23	-0.23	0.36	-0.03		ppb
Selenium	78-2	-0.36	-0.23	-1.20	-0.60		ppb
Selenium	82-1	0.70	0.61	0.65	0.65	7.08	ppb
Silicon	28-1	3.43	2.78	2.56	2.92	15.32	ppb
Silver	109-1	0.15	1.87	0.11	0.71	141.78	ppb
Silver	107-1	0.14	0.11	0.14	0.13	12.43	ppb
Sodium	23-2	79.71	73.45	70.52	74.56	6.30	ppb
Strontium	86-1	0.12	0.13	0.09	0.11	18.57	ppb
Strontium	88-1	0.13	0.11	0.11	0.12	8.28	ppb
Sulfur	34-1	-1076.76	-1151.30	-1138.24	-1122.10		ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.43	0.43	0.39	0.42	6.01	ppb
Thallium	205-1	0.48	0.44	0.41	0.44	7.63	ppb
Thorium	232-1	0.15	0.15	0.12	0.14	11.75	ppb
Tin	118-1	0.47	0.47	0.46	0.47	1.58	ppb
Titanium	47-1	0.45	0.66	0.50	0.54	20.45	ppb
Uranium	238-1	0.07	0.06	0.05	0.06	17.75	ppb
Vanadium	51-2	0.08	0.09	0.06	0.08	18.11	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P7
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:23:15	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.75	0.75	0.43	0.64	29.11	ppb
Zirconium	90-1	0.11	0.12	0.12	0.12	5.30	ppb
Zirconium	91-1	0.11	0.07	0.10	0.09	18.89	ppb

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:34:21	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	183	175	150	169	10.24	cps
Arsenic	75-2	15	4	4	7	86.68	cps
Barium	135-1	208	225	200	211	6.03	cps
Barium	137-1	317	292	367	325	11.75	cps
Beryllium	9-1	53	23	40	39	38.65	cps
Bismuth	209-1	6600541	6585762	6543505	6576603	0.45	cps
Bismuth	209-2	3925341	3955906	3958154	3946467	0.46	cps
Boron	10-1	642	617	550	603	7.86	cps
Boron	11-1	2717	2400	2434	2517	6.91	cps
Cadmium	111-1	4829	4490	4407	4575	4.89	cps
Cadmium	106-1	6894	6393	6310	6532	4.83	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Calcium	43-1	100	125	100	108	13.33	cps
Calcium	44-1	6461	6394	5585	6147	7.93	cps
Chromium	52-2	233	197	173	201	15.04	cps
Cobalt	59-2	40	37	23	33	26.47	cps
Copper	63-2	377	460	367	401	12.78	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	23	37	20	27	33.08	cps
Erbium	164-1	58	67	67	64	7.53	cps
Erbium	164-2	63	40	27	43	42.82	cps
Gadolinium	160-1	58	25	50	44	39.04	cps
Gadolinium	160-2	237	190	160	196	19.76	cps
Holmium	165-1	9784018	9748172	9764801	9765664	0.18	cps
Holmium	165-2	5083103	5089141	5111075	5094440	0.29	cps
Indium	115-1	7420701	7404685	7412392	7412593	0.11	cps
Indium	115-2	1457230	1457465	1452511	1455735	0.19	cps
Iron	56-2	1789	1728	1728	1748	2.02	cps
Iron	57-2	133	139	72	115	32.22	cps
Krypton	83-1	137	147	183	156	15.80	cps
Lead	206-1	750	806	661	739	9.86	cps
Lead	207-1	772	678	750	733	6.73	cps
Lead	208-1	2656	2539	2428	2541	4.48	cps
Lithium	6-1	2189263	2187811	2193009	2190027	0.12	cps
Magnesium	24-2	133	142	100	125	17.64	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:34:21	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	40	33	47	37.80	cps
Molybdenum	94-1	267	292	325	294	9.94	cps
Molybdenum	95-1	158	183	150	164	10.58	cps
Molybdenum	96-1	142	142	225	169	28.40	cps
Molybdenum	97-1	108	42	58	69	49.96	cps
Molybdenum	98-1	242	217	150	203	23.37	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	20	7	10	12	56.76	cps
Nickel	60-2	83	103	113	100	15.27	cps
Phosphorus	31-2	117	92	83	97	17.84	cps
Potassium	39-2	8369	7877	8494	8247	3.96	cps
Rhodium	103-1	6484493	6451368	6476348	6470736	0.27	cps
Rhodium	103-2	2993704	3000670	2995348	2996574	0.12	cps
Scandium	45-1	3957295	3954126	3926088	3945837	0.44	cps
Scandium	45-2	161074	161125	158524	160241	0.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	35	48	41	41	15.72	cps
Selenium	82-1	57	42	34	44	26.47	cps
Silicon	28-1	79226	79176	80006	79469	0.59	cps
Silver	109-1	67	50	25	47	44.41	cps
Silver	107-1	150	100	175	142	26.96	cps
Sodium	23-2	3934	3859	3717	3837	2.87	cps
Strontium	86-1	275	292	258	275	6.06	cps
Strontium	88-1	125	150	158	144	12.01	cps
Sulfur	34-1	167541	169687	166857	168028	0.88	cps
Terbium	159-1	10069017	10098470	10062247	10076578	0.19	cps
Terbium	159-2	4967509	5008709	5007180	4994466	0.47	cps
Thallium	203-1	483	617	542	547	12.22	cps
Thallium	205-1	792	750	750	764	3.15	cps
Thorium	232-1	2361	2211	2295	2289	3.28	cps
Tin	118-1	975	942	1117	1011	9.19	cps
Titanium	47-1	8	75	33	39	86.60	cps
Uranium	238-1	2675	2942	2859	2825	4.83	cps
Vanadium	51-2	13	10	3	9	57.30	cps
Yttrium	89-1	17390765	17371901	17395432	17386033	0.07	cps
Yttrium	89-2	2396735	2400557	2406196	2401163	0.20	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:34:21	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217	250	270	246	10.97	cps
Zirconium	90-1	733	733	642	703	7.53	cps
Zirconium	91-1	108	133	242	161	43.99	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:37:56	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	942	958	975	4.52	cps
Antimony	121-1	10730	10563	11130	10807	2.70	cps
Arsenic	75-2	135	178	185	166	16.25	cps
Barium	135-1	14650	14967	13857	14491	3.94	cps
Barium	137-1	25357	25716	24789	25288	1.85	cps
Beryllium	9-1	1247	1187	1133	1189	4.77	cps
Bismuth	209-1	6661584	6622160	6633457	6639067	0.31	cps
Bismuth	209-2	3979090	3985740	3994698	3986509	0.20	cps
Boron	10-1	4417	4568	4443	4476	1.80	cps
Boron	11-1	21483	21633	22142	21752	1.59	cps
Cadmium	111-1	6496	6755	6378	6543	2.95	cps
Cadmium	106-1	7060	7286	7002	7116	2.10	cps
Cadmium	108-1	150	142	158	150	5.56	cps
Calcium	43-1	8253	8203	7886	8114	2.45	cps
Calcium	44-1	136221	133364	135112	134899	1.07	cps
Chromium	52-2	2944	2950	2917	2937	0.60	cps
Cobalt	59-2	2410	2340	2294	2348	2.50	cps
Copper	63-2	3707	3757	3697	3721	0.86	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	17	20	7	14	48.02	cps
Erbium	164-1	67	67	100	78	24.75	cps
Erbium	164-2	47	47	57	50	11.55	cps
Gadolinium	160-1	92	17	92	67	64.95	cps
Gadolinium	160-2	187	203	197	196	4.29	cps
Holmium	165-1	9897585	9877703	9796101	9857129	0.55	cps
Holmium	165-2	5152528	5184338	5224181	5187016	0.69	cps
Indium	115-1	7546397	7520044	7585033	7550491	0.43	cps
Indium	115-2	1491062	1481327	1494673	1489021	0.46	cps
Iron	56-2	66902	66121	66752	66592	0.62	cps
Iron	57-2	1756	1583	1872	1737	8.37	cps
Krypton	83-1	183	143	190	172	14.65	cps
Lead	206-1	5796	6124	5424	5781	6.06	cps
Lead	207-1	5201	4868	5218	5096	3.88	cps
Lead	208-1	22552	22358	22197	22369	0.80	cps
Lithium	6-1	2241152	2233354	2237543	2237350	0.17	cps
Magnesium	24-2	52300	52894	52828	52674	0.62	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:37:56	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	963	867	990	940	6.90	cps
Molybdenum	94-1	11205	10963	11163	11110	1.16	cps
Molybdenum	95-1	13857	14266	13916	14013	1.58	cps
Molybdenum	96-1	15109	14992	15300	15134	1.03	cps
Molybdenum	97-1	8745	9028	8970	8914	1.68	cps
Molybdenum	98-1	22318	22143	21701	22054	1.44	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	793	790	823	802	2.29	cps
Phosphorus	31-2	175	200	275	217	24.02	cps
Potassium	39-2	58332	58240	58407	58326	0.14	cps
Rhodium	103-1	6617713	6569471	6583555	6590246	0.38	cps
Rhodium	103-2	3055867	3082828	3103364	3080686	0.77	cps
Scandium	45-1	4087923	4046408	4087405	4073912	0.58	cps
Scandium	45-2	163780	165738	165320	164946	0.63	cps
Selenium	77-2	20	30	30	27	21.65	cps
Selenium	78-2	102	119	144	122	17.65	cps
Selenium	82-1	686	713	650	683	4.70	cps
Silicon	28-1	111053	111967	112370	111797	0.60	cps
Silver	109-1	7719	7436	7719	7625	2.15	cps
Silver	107-1	8278	8128	8161	8189	0.96	cps
Sodium	23-2	100158	102272	102130	101520	1.16	cps
Strontium	86-1	2134	2125	2192	2150	1.69	cps
Strontium	88-1	15984	15442	15876	15768	1.82	cps
Sulfur	34-1	189202	187095	190267	188855	0.85	cps
Terbium	159-1	10183704	10091775	10197872	10157784	0.57	cps
Terbium	159-2	5016927	5059490	5092582	5056333	0.75	cps
Thallium	203-1	6602	6619	6619	6613	0.15	cps
Thallium	205-1	15051	15176	15109	15112	0.41	cps
Thorium	232-1	19977	20366	19548	19964	2.05	cps
Tin	118-1	25607	26025	25900	25844	0.83	cps
Titanium	47-1	3659	3551	3534	3581	1.90	cps
Uranium	238-1	22913	21343	22053	22103	3.56	cps
Vanadium	51-2	5691	5614	5781	5696	1.47	cps
Yttrium	89-1	18062613	17948233	18056722	18022523	0.36	cps
Yttrium	89-2	2459921	2462345	2484010	2468759	0.54	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:37:56	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	783	753	863	800	7.11	cps
Zirconium	90-1	8503	8019	8094	8205	3.17	cps
Zirconium	91-1	1909	1867	1792	1856	3.19	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:42:34	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49575	47552	47543	48223	2.43	cps
Antimony	121-1	293977	301949	297842	297923	1.34	cps
Arsenic	75-2	8436	8692	8945	8691	2.93	cps
Barium	135-1	376232	387387	382065	381895	1.46	cps
Barium	137-1	657220	669226	670430	665625	1.10	cps
Beryllium	9-1	63218	64563	63579	63787	1.09	cps
Bismuth	209-1	6712693	6870537	6859403	6814211	1.29	cps
Bismuth	209-2	4072144	4131611	4133760	4112505	0.85	cps
Boron	10-1	9495	9812	9695	9667	1.66	cps
Boron	11-1	43873	44024	46689	44862	3.53	cps
Cadmium	111-1	91953	94647	94164	93588	1.54	cps
Cadmium	106-1	16368	17028	16410	16602	2.22	cps
Cadmium	108-1	6393	6610	6414	6472	1.85	cps
Calcium	43-1	82639	84810	84064	83837	1.32	cps
Calcium	44-1	1358804	1383939	1358469	1367071	1.07	cps
Chromium	52-2	72444	73696	73592	73244	0.95	cps
Cobalt	59-2	122321	124076	125057	123818	1.12	cps
Copper	63-2	175586	177782	177589	176986	0.69	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	27	17	30	24	28.38	cps
Erbium	164-1	100	50	67	72	35.26	cps
Erbium	164-2	63	83	53	67	22.92	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Gadolinium	160-2	197	167	197	187	9.28	cps
Holmium	165-1	10075687	10353185	10311312	10246728	1.46	cps
Holmium	165-2	5334647	5389755	5378178	5367527	0.54	cps
Indium	115-1	7654537	7837611	7764674	7752274	1.19	cps
Indium	115-2	1516755	1531130	1525679	1524521	0.48	cps
Iron	56-2	3182241	3228968	3222062	3211090	0.79	cps
Iron	57-2	80761	81476	79956	80731	0.94	cps
Krypton	83-1	147	163	180	163	10.20	cps
Lead	206-1	270328	276779	274468	273859	1.19	cps
Lead	207-1	233787	239996	240527	238103	1.57	cps
Lead	208-1	1071373	1099889	1095778	1089013	1.42	cps
Lithium	6-1	2260993	2317008	2291831	2289944	1.23	cps
Magnesium	24-2	545458	554563	554211	551411	0.94	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:42:34	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	92757	94514	94423	93898	1.05	cps
Molybdenum	94-1	596862	609981	604825	603889	1.09	cps
Molybdenum	95-1	739464	760002	751137	750201	1.37	cps
Molybdenum	96-1	821997	846583	835391	834657	1.47	cps
Molybdenum	97-1	466672	477129	470444	471415	1.12	cps
Molybdenum	98-1	1193332	1233156	1214004	1213497	1.64	cps
Neodymium	150-1	60	13	67	47	62.28	cps
Neodymium	150-2	23	7	17	16	53.90	cps
Nickel	60-2	32095	32379	33047	32507	1.50	cps
Phosphorus	31-2	2742	2800	2934	2825	3.48	cps
Potassium	39-2	269606	272289	269895	270597	0.54	cps
Rhodium	103-1	6675418	6837667	6714988	6742691	1.25	cps
Rhodium	103-2	3127552	3148635	3145085	3140424	0.36	cps
Scandium	45-1	4150397	4232215	4189086	4190566	0.98	cps
Scandium	45-2	165877	169217	167134	167409	1.01	cps
Selenium	77-2	227	233	350	270	25.69	cps
Selenium	78-2	991	937	982	970	2.96	cps
Selenium	82-1	6300	6669	6628	6532	3.09	cps
Silicon	28-1	257980	265422	260203	261202	1.46	cps
Silver	109-1	372486	386225	381379	380030	1.83	cps
Silver	107-1	388334	400354	397180	395290	1.58	cps
Sodium	23-2	1026466	1031500	1039399	1032455	0.63	cps
Strontium	86-1	93872	96028	94586	94829	1.16	cps
Strontium	88-1	824460	844665	830026	833051	1.25	cps
Sulfur	34-1	226564	228290	221186	225347	1.64	cps
Terbium	159-1	10409307	10650884	10596451	10552214	1.20	cps
Terbium	159-2	5214201	5255339	5230451	5233331	0.40	cps
Thallium	203-1	326371	336223	331381	331325	1.49	cps
Thallium	205-1	786437	804838	798566	796614	1.17	cps
Thorium	232-1	1078888	1105969	1105435	1096764	1.41	cps
Tin	118-1	257070	263339	262814	261074	1.33	cps
Titanium	47-1	177859	184708	183898	182155	2.05	cps
Uranium	238-1	1046889	1081224	1067137	1065083	1.62	cps
Vanadium	51-2	57134	57886	57180	57400	0.73	cps
Yttrium	89-1	18281597	18667498	18583820	18510971	1.10	cps
Yttrium	89-2	2508167	2523143	2520822	2517378	0.32	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:42:34	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29674	30121	30185	29993	0.93	cps
Zirconium	90-1	481324	493133	490764	488407	1.28	cps
Zirconium	91-1	108257	109735	108040	108677	0.85	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:46:30	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117282	118248	119046	118192	0.75	cps
Antimony	121-1	760517	764045	762500	762354	0.23	cps
Arsenic	75-2	21321	21611	21588	21507	0.75	cps
Barium	135-1	970170	985490	983892	979850	0.86	cps
Barium	137-1	1705892	1713211	1704135	1707746	0.28	cps
Beryllium	9-1	157798	158331	158738	158289	0.30	cps
Bismuth	209-1	6731299	6790433	6573042	6698258	1.68	cps
Bismuth	209-2	4266741	4066042	3971168	4101317	3.68	cps
Boron	10-1	24078	23703	24779	24187	2.26	cps
Boron	11-1	106750	110124	110561	109145	1.91	cps
Cadmium	111-1	227029	225507	227615	226717	0.48	cps
Cadmium	106-1	31151	31394	31177	31241	0.43	cps
Cadmium	108-1	16543	17111	16860	16838	1.69	cps
Calcium	43-1	211608	211602	212632	211947	0.28	cps
Calcium	44-1	3432519	3448282	3435819	3438873	0.24	cps
Chromium	52-2	182244	181343	179406	180997	0.80	cps
Cobalt	59-2	303297	304256	300867	302807	0.58	cps
Copper	63-2	428912	430077	430788	429926	0.22	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	53	57	27	46	36.09	cps
Erbium	164-1	67	108	42	72	46.63	cps
Erbium	164-2	73	60	70	68	10.24	cps
Gadolinium	160-1	50	58	92	67	33.07	cps
Gadolinium	160-2	207	173	197	192	8.90	cps
Holmium	165-1	10177299	10373317	9954488	10168368	2.06	cps
Holmium	165-2	5578505	5316110	5211970	5368861	3.52	cps
Indium	115-1	7575799	7647784	7340686	7521423	2.14	cps
Indium	115-2	1574710	1487596	1452139	1504815	4.19	cps
Iron	56-2	7925170	7888612	7816861	7876881	0.70	cps
Iron	57-2	201311	199964	201247	200841	0.38	cps
Krypton	83-1	150	213	130	164	26.46	cps
Lead	206-1	702868	715212	711732	709937	0.90	cps
Lead	207-1	612658	619750	621860	618089	0.78	cps
Lead	208-1	2789864	2813033	2825616	2809504	0.65	cps
Lithium	6-1	2247163	2256242	2178723	2227376	1.90	cps
Magnesium	24-2	1357942	1367237	1362246	1362475	0.34	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:46:30	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230835	231587	230652	231025	0.21	cps
Molybdenum	94-1	1534853	1529025	1535943	1533274	0.24	cps
Molybdenum	95-1	1897373	1903782	1895148	1898768	0.24	cps
Molybdenum	96-1	2117028	2118823	2098154	2111335	0.54	cps
Molybdenum	97-1	1197614	1195253	1189873	1194246	0.33	cps
Molybdenum	98-1	3073225	3077741	3060769	3070578	0.29	cps
Neodymium	150-1	73	113	40	76	48.60	cps
Neodymium	150-2	17	17	30	21	36.45	cps
Nickel	60-2	79236	79692	79068	79332	0.41	cps
Phosphorus	31-2	6502	6935	6719	6718	3.23	cps
Potassium	39-2	652266	660024	646602	652964	1.03	cps
Rhodium	103-1	6533980	6597887	6311457	6481108	2.32	cps
Rhodium	103-2	3201420	3031777	2965126	3066108	3.97	cps
Scandium	45-1	4068027	4102781	3915725	4028844	2.47	cps
Scandium	45-2	170874	162156	156109	163046	4.55	cps
Selenium	77-2	730	647	727	701	6.73	cps
Selenium	78-2	2258	2376	2254	2296	3.03	cps
Selenium	82-1	15769	16103	16428	16100	2.05	cps
Silicon	28-1	502585	499166	503330	501694	0.44	cps
Silver	109-1	955110	948820	953759	952563	0.35	cps
Silver	107-1	997220	994778	997388	996462	0.15	cps
Sodium	23-2	2566432	2574760	2567500	2569564	0.18	cps
Strontium	86-1	241329	243463	242038	242277	0.45	cps
Strontium	88-1	2107796	2126229	2112006	2115344	0.46	cps
Sulfur	34-1	257469	254335	256012	255939	0.61	cps
Terbium	159-1	10487571	10504877	10242421	10411623	1.41	cps
Terbium	159-2	5424750	5204206	5059704	5229554	3.52	cps
Thallium	203-1	867368	868506	869805	868559	0.14	cps
Thallium	205-1	2063168	2077824	2079016	2073336	0.43	cps
Thorium	232-1	2876918	2886894	2923974	2895929	0.86	cps
Tin	118-1	661504	670450	665086	665680	0.68	cps
Titanium	47-1	458230	457381	450123	455245	0.98	cps
Uranium	238-1	2785960	2801434	2818270	2801888	0.58	cps
Vanadium	51-2	142904	142911	142783	142866	0.05	cps
Yttrium	89-1	17993580	18310577	17479835	17927997	2.34	cps
Yttrium	89-2	2585371	2438767	2391068	2471736	4.10	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:46:30	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	72117	73846	73477	73147	1.24	cps
Zirconium	90-1	1244358	1249609	1233948	1242638	0.64	cps
Zirconium	91-1	277166	281297	277082	278515	0.87	cps

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 11:50:23 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221416	222589	224223	222743	0.63	cps
Antimony	121-1	1466637	1463035	1454528	1461400	0.43	cps
Arsenic	75-2	39671	39717	40027	39805	0.49	cps
Barium	135-1	1889161	1883325	1866458	1879648	0.63	cps
Barium	137-1	3280438	3267412	3249391	3265747	0.48	cps
Beryllium	9-1	290113	288071	285479	287887	0.81	cps
Bismuth	209-1	6653405	6671243	6735933	6686860	0.65	cps
Bismuth	209-2	3921974	3935527	3961208	3939570	0.51	cps
Boron	10-1	42970	43171	43079	43073	0.23	cps
Boron	11-1	199230	198857	204205	200764	1.49	cps
Cadmium	111-1	420136	424596	423891	422874	0.57	cps
Cadmium	106-1	50842	50917	52314	51358	1.61	cps
Cadmium	108-1	31949	31130	31268	31449	1.39	cps
Calcium	43-1	396340	387506	389283	391043	1.19	cps
Calcium	44-1	6451617	6357459	6356318	6388465	0.86	cps
Chromium	52-2	330281	334747	334566	333198	0.76	cps
Cobalt	59-2	554465	561016	563534	559671	0.84	cps
Copper	63-2	787540	791197	791359	790032	0.27	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	60	50	43	51	16.42	cps
Erbium	164-1	67	83	25	58	51.51	cps
Erbium	164-2	50	50	40	47	12.37	cps
Gadolinium	160-1	108	58	83	83	30.00	cps
Gadolinium	160-2	197	200	103	167	32.92	cps
Holmium	165-1	10059775	10076154	10159850	10098593	0.53	cps
Holmium	165-2	5149865	5196554	5222845	5189755	0.71	cps
Indium	115-1	7275537	7271390	7258402	7268443	0.12	cps
Indium	115-2	1384550	1399134	1400930	1394871	0.64	cps
Iron	56-2	14700524	14748236	14772677	14740479	0.25	cps
Iron	57-2	369000	376908	372432	372780	1.06	cps
Krypton	83-1	183	220	163	189	15.21	cps
Lead	206-1	1381417	1370497	1394137	1382017	0.86	cps
Lead	207-1	1211350	1209887	1212681	1211306	0.12	cps
Lead	208-1	5490042	5479952	5523455	5497816	0.41	cps
Lithium	6-1	2105079	2085458	2081031	2090522	0.61	cps
Magnesium	24-2	2545596	2558529	2570026	2558050	0.48	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:50:23	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	430239	430856	433676	431591	0.42	cps
Molybdenum	94-1	2916564	2878271	2853699	2882845	1.10	cps
Molybdenum	95-1	3598698	3570901	3546793	3572130	0.73	cps
Molybdenum	96-1	3986212	3949716	3944184	3960037	0.58	cps
Molybdenum	97-1	2258742	2225484	2234353	2239527	0.77	cps
Molybdenum	98-1	5884902	5835667	5835535	5852034	0.49	cps
Neodymium	150-1	180	133	147	153	15.68	cps
Neodymium	150-2	23	20	20	21	9.11	cps
Nickel	60-2	145857	144729	146001	145529	0.48	cps
Phosphorus	31-2	11930	12180	12673	12261	3.08	cps
Potassium	39-2	1195538	1214783	1224201	1211508	1.21	cps
Rhodium	103-1	6195235	6151936	6120726	6155966	0.61	cps
Rhodium	103-2	2820056	2849631	2838188	2835958	0.53	cps
Scandium	45-1	3820986	3791871	3771577	3794811	0.65	cps
Scandium	45-2	150926	151171	151747	151282	0.28	cps
Selenium	77-2	1233	1283	1297	1271	2.63	cps
Selenium	78-2	4286	4230	4232	4249	0.74	cps
Selenium	82-1	30359	30251	30205	30272	0.26	cps
Silicon	28-1	833769	827351	828478	829866	0.41	cps
Silver	109-1	1795956	1782776	1792642	1790458	0.38	cps
Silver	107-1	1863634	1851196	1853062	1855964	0.36	cps
Sodium	23-2	4776873	4805844	4808901	4797206	0.37	cps
Strontium	86-1	457251	451958	455478	454895	0.59	cps
Strontium	88-1	3975875	3957731	3961234	3964947	0.24	cps
Sulfur	34-1	303218	297371	293332	297974	1.67	cps
Terbium	159-1	10341200	10268853	10292307	10300787	0.36	cps
Terbium	159-2	4994579	5067706	5065858	5042715	0.83	cps
Thallium	203-1	1695325	1679806	1716155	1697095	1.07	cps
Thallium	205-1	4054645	4014101	4079087	4049277	0.81	cps
Thorium	232-1	5810585	5778907	5868394	5819295	0.78	cps
Tin	118-1	1274845	1271535	1266253	1270878	0.34	cps
Titanium	47-1	848520	840335	836114	841656	0.75	cps
Uranium	238-1	5512652	5607501	5521663	5547272	0.94	cps
Vanadium	51-2	263583	266814	267006	265801	0.72	cps
Yttrium	89-1	17296058	17219491	17127864	17214471	0.49	cps
Yttrium	89-2	2299108	2315882	2309526	2308172	0.37	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:50:23	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	134664	137160	135703	135842	0.92	cps
Zirconium	90-1	2338264	2314832	2323253	2325449	0.51	cps
Zirconium	91-1	520083	518549	514563	517732	0.55	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:54:12	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	438541	437752	430332	435542	1.04	cps
Antimony	121-1	2886713	2905452	2895814	2895993	0.32	cps
Arsenic	75-2	78093	78646	77479	78073	0.75	cps
Barium	135-1	3717204	3750564	3704557	3724108	0.64	cps
Barium	137-1	6594436	6622543	6567614	6594864	0.42	cps
Beryllium	9-1	556628	551545	550293	552822	0.61	cps
Bismuth	209-1	6771551	6747697	6789860	6769703	0.31	cps
Bismuth	209-2	3921569	3895450	3898489	3905169	0.37	cps
Boron	10-1	83195	85650	84645	84497	1.46	cps
Boron	11-1	381824	388958	386418	385733	0.94	cps
Cadmium	111-1	821996	825962	826654	824871	0.30	cps
Cadmium	106-1	94338	95882	94077	94766	1.03	cps
Cadmium	108-1	60947	60658	61855	61154	1.02	cps
Calcium	43-1	769622	759575	755379	761525	0.96	cps
Calcium	44-1	12437482	12490344	12472534	12466787	0.22	cps
Chromium	52-2	652168	650589	644289	649015	0.64	cps
Cobalt	59-2	1089671	1086100	1081570	1085780	0.37	cps
Copper	63-2	1521120	1514646	1505858	1513875	0.51	cps
Dysprosium	156-1	75	125	108	103	24.77	cps
Dysprosium	156-2	100	100	110	103	5.59	cps
Erbium	164-1	58	92	58	69	27.71	cps
Erbium	164-2	57	60	53	57	5.89	cps
Gadolinium	160-1	50	50	75	58	24.74	cps
Gadolinium	160-2	133	167	190	163	17.43	cps
Holmium	165-1	10332640	10280662	10305166	10306156	0.25	cps
Holmium	165-2	5243232	5206221	5197354	5215602	0.47	cps
Indium	115-1	7178774	7195631	7175814	7183407	0.15	cps
Indium	115-2	1383540	1370029	1360296	1371288	0.85	cps
Iron	56-2	28972241	28908669	28573989	28818299	0.74	cps
Iron	57-2	732327	727673	722799	727600	0.65	cps
Krypton	83-1	163	190	160	171	9.61	cps
Lead	206-1	2788469	2805875	2809577	2801307	0.40	cps
Lead	207-1	2445379	2435077	2462303	2447586	0.56	cps
Lead	208-1	11272247	11036255	11349775	11219426	1.46	cps
Lithium	6-1	2049762	2033299	2031787	2038282	0.49	cps
Magnesium	24-2	5100837	5072446	4984065	5052450	1.21	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:54:12	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	844924	844023	836591	841846	0.54	cps
Molybdenum	94-1	5772214	5766301	5728278	5755598	0.41	cps
Molybdenum	95-1	7183558	7186322	7172018	7180632	0.11	cps
Molybdenum	96-1	7922420	7921992	7923056	7922489	0.01	cps
Molybdenum	97-1	4418711	4420911	4403508	4414376	0.21	cps
Molybdenum	98-1	11570024	11586534	11565130	11573896	0.10	cps
Neodymium	150-1	393	333	267	331	19.14	cps
Neodymium	150-2	43	47	53	48	10.66	cps
Nickel	60-2	280590	279602	278867	279686	0.31	cps
Phosphorus	31-2	22868	23861	23544	23425	2.17	cps
Potassium	39-2	2358092	2359933	2331616	2349880	0.67	cps
Rhodium	103-1	5999337	5965925	6023180	5996148	0.48	cps
Rhodium	103-2	2786706	2787557	2750731	2774998	0.76	cps
Scandium	45-1	3691904	3688382	3681222	3687170	0.15	cps
Scandium	45-2	150144	148868	146930	148647	1.09	cps
Selenium	77-2	2627	2440	2420	2496	4.57	cps
Selenium	78-2	8067	8176	8132	8125	0.68	cps
Selenium	82-1	58588	58180	58763	58510	0.51	cps
Silicon	28-1	1513642	1513868	1522386	1516632	0.33	cps
Silver	109-1	3470140	3466916	3440243	3459100	0.47	cps
Silver	107-1	3579084	3578249	3576616	3577983	0.04	cps
Sodium	23-2	9543950	9502453	9361457	9469287	1.01	cps
Strontium	86-1	892656	899377	901011	897681	0.49	cps
Strontium	88-1	7939952	7916961	7897786	7918233	0.27	cps
Sulfur	34-1	422310	424507	420102	422306	0.52	cps
Terbium	159-1	10504106	10482805	10562284	10516399	0.39	cps
Terbium	159-2	5079109	5056761	4997182	5044351	0.84	cps
Thallium	203-1	3410060	3450408	3450875	3437115	0.68	cps
Thallium	205-1	8352832	8404308	8442540	8399894	0.54	cps
Thorium	232-1	12117750	12154259	12096621	12122877	0.24	cps
Tin	118-1	2502254	2498770	2499781	2500268	0.07	cps
Titanium	47-1	1630011	1634422	1629281	1631238	0.17	cps
Uranium	238-1	11609212	11697329	11730790	11679110	0.54	cps
Vanadium	51-2	524813	523596	512691	520367	1.28	cps
Yttrium	89-1	17044677	17063509	16987449	17031878	0.23	cps
Yttrium	89-2	2291588	2290962	2261076	2281209	0.76	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:54:12	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	265897	262914	259356	262722	1.25	cps
Zirconium	90-1	4595278	4601829	4574912	4590673	0.31	cps
Zirconium	91-1	1022226	1024624	1024107	1023652	0.12	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:58:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	868757	868715	868986	868819	0.02	cps
Antimony	121-1	5824833	5844006	5880047	5849629	0.48	cps
Arsenic	75-2	152495	154818	155624	154312	1.05	cps
Barium	135-1	7566798	7548943	7585830	7567190	0.24	cps
Barium	137-1	13344886	13214892	13298208	13285995	0.50	cps
Beryllium	9-1	1088477	1089533	1089498	1089170	0.06	cps
Bismuth	209-1	6794877	6763329	6816736	6791648	0.40	cps
Bismuth	209-2	3868038	3879499	3922854	3890130	0.74	cps
Boron	10-1	166322	169355	171999	169225	1.68	cps
Boron	11-1	756282	775586	782711	771527	1.77	cps
Cadmium	111-1	1708711	1724520	1728562	1720598	0.61	cps
Cadmium	106-1	189452	190296	191984	190577	0.68	cps
Cadmium	108-1	126491	127879	125899	126756	0.80	cps
Calcium	43-1	1523938	1524069	1532029	1526679	0.30	cps
Calcium	44-1	25030596	25045910	25125121	25067209	0.20	cps
Chromium	52-2	1289821	1296157	1307736	1297905	0.70	cps
Cobalt	59-2	2143867	2151280	2159053	2151400	0.35	cps
Copper	63-2	3158990	3177925	3198360	3178425	0.62	cps
Dysprosium	156-1	125	142	150	139	9.16	cps
Dysprosium	156-2	130	167	153	150	12.37	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	63	77	60	67	13.23	cps
Gadolinium	160-1	75	42	92	69	36.66	cps
Gadolinium	160-2	193	133	167	164	18.28	cps
Holmium	165-1	10623165	10613398	10626995	10621186	0.07	cps
Holmium	165-2	5276232	5325266	5346366	5315955	0.68	cps
Indium	115-1	7231044	7211316	7265459	7235940	0.38	cps
Indium	115-2	1360174	1361234	1375729	1365712	0.64	cps
Iron	56-2	57489447	57188094	57841694	57506412	0.57	cps
Iron	57-2	1446359	1440857	1449769	1445662	0.31	cps
Krypton	83-1	143	133	160	146	9.25	cps
Lead	206-1	5526235	5528953	5551000	5535396	0.25	cps
Lead	207-1	4846876	4864706	4846731	4852771	0.21	cps
Lead	208-1	22382657	22482912	22508864	22458144	0.30	cps
Lithium	6-1	2053797	2045835	2056747	2052126	0.28	cps
Magnesium	24-2	10152949	10180728	10162545	10165407	0.14	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:58:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1672211	1672283	1684792	1676429	0.43	cps
Molybdenum	94-1	11504316	11542454	11616314	11554361	0.49	cps
Molybdenum	95-1	14374243	14468941	14472987	14438724	0.39	cps
Molybdenum	96-1	15961375	16093006	16016726	16023702	0.41	cps
Molybdenum	97-1	9016596	9100816	9129248	9082220	0.65	cps
Molybdenum	98-1	23143117	23391900	23374063	23303027	0.60	cps
Neodymium	150-1	573	713	627	638	11.08	cps
Neodymium	150-2	70	87	53	70	23.81	cps
Nickel	60-2	548942	553240	555738	552640	0.62	cps
Phosphorus	31-2	46992	47309	46858	47053	0.49	cps
Potassium	39-2	4714653	4698140	4733115	4715303	0.37	cps
Rhodium	103-1	5963531	5946404	6000541	5970159	0.46	cps
Rhodium	103-2	2754422	2766851	2792561	2771278	0.70	cps
Scandium	45-1	3767066	3728743	3774314	3756708	0.65	cps
Scandium	45-2	151475	152630	152616	152240	0.44	cps
Selenium	77-2	4494	4581	4858	4644	4.09	cps
Selenium	78-2	15940	16231	16567	16246	1.93	cps
Selenium	82-1	114358	115367	115288	115004	0.49	cps
Silicon	28-1	2920051	2935178	2947370	2934200	0.47	cps
Silver	109-1	7174485	7207993	7262368	7214949	0.61	cps
Silver	107-1	7465640	7544167	7544105	7517971	0.60	cps
Sodium	23-2	19052649	19070549	19122675	19081958	0.19	cps
Strontium	86-1	1789276	1803854	1810923	1801351	0.61	cps
Strontium	88-1	15832190	16040121	16014795	15962369	0.71	cps
Sulfur	34-1	696834	703476	698996	699769	0.48	cps
Terbium	159-1	10747790	10716532	10799595	10754639	0.39	cps
Terbium	159-2	5121407	5136520	5183756	5147227	0.63	cps
Thallium	203-1	6962999	6973847	7017829	6984891	0.42	cps
Thallium	205-1	16748974	16780676	16813711	16781120	0.19	cps
Thorium	232-1	24560851	24421528	24448620	24477000	0.30	cps
Tin	118-1	4988372	4982362	4990608	4987114	0.09	cps
Titanium	47-1	3263021	3280619	3274532	3272724	0.27	cps
Uranium	238-1	23665382	23327795	23371346	23454841	0.78	cps
Vanadium	51-2	1036950	1038589	1047680	1041073	0.56	cps
Yttrium	89-1	17308001	17314366	17471866	17364744	0.53	cps
Yttrium	89-2	2307419	2302017	2331906	2313781	0.69	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 11:58:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	572796	574495	579976	575756	0.65	cps
Zirconium	90-1	9336598	9392844	9464336	9397926	0.68	cps
Zirconium	91-1	2042183	2053744	2060716	2052214	0.46	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:01:48	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4623712	4657761	4692151	4657874	0.73	cps
Antimony	121-1	10313	9662	10196	10057	3.45	cps
Arsenic	75-2	243	204	213	220	9.24	cps
Barium	135-1	3242	2909	2950	3034	5.99	cps
Barium	137-1	5476	4876	4701	5018	8.10	cps
Beryllium	9-1	503	500	367	457	17.07	cps
Bismuth	209-1	5906506	6052772	5849049	5936109	1.77	cps
Bismuth	209-2	3427896	3482140	3481325	3463787	0.90	cps
Boron	10-1	9762	9186	8828	9259	5.09	cps
Boron	11-1	44324	43396	39478	42399	6.07	cps
Cadmium	111-1	5191	5146	4748	5028	4.85	cps
Cadmium	106-1	6669	6685	6118	6491	4.97	cps
Cadmium	108-1	63	42	50	51	20.40	cps
Calcium	43-1	7986438	8000824	8028822	8005362	0.27	cps
Calcium	44-1	130895870	131618024	130940395	131151429	0.31	cps
Chromium	52-2	25753	25459	26023	25745	1.10	cps
Cobalt	59-2	25833	26858	27055	26582	2.47	cps
Copper	63-2	5284	5344	5204	5278	1.33	cps
Dysprosium	156-1	50	92	142	94	48.60	cps
Dysprosium	156-2	60	47	50	52	13.28	cps
Erbium	164-1	117	75	75	89	27.07	cps
Erbium	164-2	60	67	93	73	24.06	cps
Gadolinium	160-1	58	117	108	94	33.40	cps
Gadolinium	160-2	167	167	243	192	23.03	cps
Holmium	165-1	10304188	10349991	10225890	10293356	0.61	cps
Holmium	165-2	5132166	5203988	5222243	5186132	0.92	cps
Indium	115-1	6980475	7036877	6947826	6988393	0.64	cps
Indium	115-2	1352355	1375634	1383474	1370488	1.18	cps
Iron	56-2	291584051	293247895	294505329	293112425	0.50	cps
Iron	57-2	7329627	7358455	7426377	7371486	0.67	cps
Krypton	83-1	180	157	203	180	12.96	cps
Lead	206-1	6446	6496	6113	6352	3.28	cps
Lead	207-1	5813	5485	5312	5537	4.59	cps
Lead	208-1	25293	24743	23581	24539	3.56	cps
Lithium	6-1	2105516	2130149	2126438	2120701	0.63	cps
Magnesium	24-2	51863262	52075871	52425049	52121394	0.54	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:01:48	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7142	6982	7092	7072	1.16	cps
Molybdenum	94-1	10863	9754	9670	10096	6.59	cps
Molybdenum	95-1	14967	14124	13582	14224	4.91	cps
Molybdenum	96-1	21926	20390	20023	20780	4.86	cps
Molybdenum	97-1	9128	8853	8586	8856	3.06	cps
Molybdenum	98-1	23053	22610	21542	22402	3.47	cps
Neodymium	150-1	127	167	173	156	16.23	cps
Neodymium	150-2	67	73	57	66	12.79	cps
Nickel	60-2	11274	11445	11875	11531	2.68	cps
Phosphorus	31-2	117	133	92	114	18.41	cps
Potassium	39-2	24535334	24556974	24750619	24614309	0.48	cps
Rhodium	103-1	5600315	5644355	5605486	5616719	0.43	cps
Rhodium	103-2	2592144	2638449	2643364	2624652	1.08	cps
Scandium	45-1	3806021	3877725	3865654	3849800	1.00	cps
Scandium	45-2	157561	159406	162320	159762	1.50	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	43	41	33	39	12.60	cps
Selenium	82-1	136	210	119	155	31.24	cps
Silicon	28-1	141858	141060	141690	141536	0.30	cps
Silver	109-1	1525	1575	1292	1464	10.33	cps
Silver	107-1	1800	1542	1500	1614	10.07	cps
Sodium	23-2	96717631	96895633	97642690	97085318	0.51	cps
Strontium	86-1	8411	8036	8028	8158	2.68	cps
Strontium	88-1	70013	69276	70038	69776	0.62	cps
Sulfur	34-1	146312	150293	152010	149538	1.95	cps
Terbium	159-1	10386609	10475932	10374228	10412256	0.53	cps
Terbium	159-2	4992212	5044957	5043714	5026961	0.60	cps
Thallium	203-1	3192	2850	2975	3006	5.75	cps
Thallium	205-1	6727	5943	5443	6038	10.72	cps
Thorium	232-1	11772	11628	11077	11492	3.19	cps
Tin	118-1	4359	4134	3717	4070	8.00	cps
Titanium	47-1	2059	1942	1917	1972	3.83	cps
Uranium	238-1	9420	8620	7936	8659	8.58	cps
Vanadium	51-2	263	367	280	303	18.29	cps
Yttrium	89-1	17209702	17410614	17302498	17307605	0.58	cps
Yttrium	89-2	2346800	2377272	2398440	2374171	1.09	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:01:48	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7209	7172	7085	7155	0.89	cps
Zirconium	90-1	4634	4718	4543	4632	1.89	cps
Zirconium	91-1	1275	950	725	983	28.12	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:08:53	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25022	24504	25681	25069	2.35	cps
Antimony	121-1	1199580	1205789	1207274	1204214	0.34	cps
Arsenic	75-2	37205	37391	37346	37314	0.26	cps
Barium	135-1	156444	158973	158476	157964	0.85	cps
Barium	137-1	271113	275066	274971	273717	0.82	cps
Beryllium	9-1	126615	124676	125513	125601	0.77	cps
Bismuth	209-1	7070992	7066548	7011137	7049559	0.47	cps
Bismuth	209-2	4214850	4209055	4218270	4214058	0.11	cps
Boron	10-1	3767	3459	3601	3609	4.28	cps
Boron	11-1	16026	16026	16168	16073	0.51	cps
Cadmium	111-1	178850	182036	179055	179980	0.99	cps
Cadmium	106-1	21834	22911	21492	22079	3.35	cps
Cadmium	108-1	11930	11334	11326	11530	3.01	cps
Calcium	43-1	35226	34617	35828	35223	1.72	cps
Calcium	44-1	580847	575752	574789	577129	0.56	cps
Chromium	52-2	150637	149801	149223	149887	0.47	cps
Cobalt	59-2	256041	257168	257247	256819	0.26	cps
Copper	63-2	182829	183984	183626	183480	0.32	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	13	37	27	26	45.82	cps
Erbium	164-1	83	133	117	111	22.91	cps
Erbium	164-2	107	110	103	107	3.12	cps
Gadolinium	160-1	83	75	83	81	5.98	cps
Gadolinium	160-2	207	237	203	216	8.52	cps
Holmium	165-1	10790196	10773017	10699757	10754323	0.45	cps
Holmium	165-2	5573862	5553710	5597930	5575167	0.40	cps
Indium	115-1	8110120	8168778	8144952	8141283	0.36	cps
Indium	115-2	1609119	1591008	1603473	1601200	0.58	cps
Iron	56-2	1351802	1339495	1341603	1344300	0.49	cps
Iron	57-2	34185	34485	34023	34231	0.68	cps
Krypton	83-1	140	220	160	173	24.02	cps
Lead	206-1	1115527	1106628	1107139	1109765	0.45	cps
Lead	207-1	967590	956946	960724	961753	0.56	cps
Lead	208-1	4413857	4375989	4371291	4387046	0.53	cps
Lithium	6-1	2427582	2442840	2431334	2433918	0.33	cps
Magnesium	24-2	138929	138997	138315	138747	0.27	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:08:53	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	94014	93582	94041	93879	0.27	cps
Molybdenum	94-1	842	800	775	806	4.18	cps
Molybdenum	95-1	650	667	658	658	1.27	cps
Molybdenum	96-1	1125	992	750	956	19.89	cps
Molybdenum	97-1	500	408	333	414	20.17	cps
Molybdenum	98-1	1183	1092	1017	1097	7.61	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	67899	67558	67893	67783	0.29	cps
Phosphorus	31-2	175	58	67	100	65.08	cps
Potassium	39-2	228841	227856	230304	229000	0.54	cps
Rhodium	103-1	7086086	7093329	7131502	7103639	0.34	cps
Rhodium	103-2	3310683	3295425	3310065	3305391	0.26	cps
Scandium	45-1	4442069	4490715	4474792	4469192	0.55	cps
Scandium	45-2	180180	180836	180070	180362	0.23	cps
Selenium	77-2	1030	1193	1220	1148	8.96	cps
Selenium	78-2	3897	3930	3838	3888	1.21	cps
Selenium	82-1	26632	26690	26681	26668	0.12	cps
Silicon	28-1	100209	99497	101158	100288	0.83	cps
Silver	109-1	685875	691386	698866	692042	0.94	cps
Silver	107-1	713203	719727	721759	718230	0.62	cps
Sodium	23-2	440679	435712	442480	439624	0.80	cps
Strontium	86-1	4951	4576	4568	4698	4.66	cps
Strontium	88-1	40291	39706	39957	39984	0.73	cps
Sulfur	34-1	177933	181973	180782	180229	1.15	cps
Terbium	159-1	10970999	11045047	11051794	11022613	0.41	cps
Terbium	159-2	5440680	5420580	5449117	5436792	0.27	cps
Thallium	203-1	1500760	1496517	1481496	1492925	0.68	cps
Thallium	205-1	3580565	3561646	3544093	3562102	0.51	cps
Thorium	232-1	3139	3617	3317	3358	7.19	cps
Tin	118-1	1709	1684	1558	1650	4.87	cps
Titanium	47-1	225	283	192	233	19.88	cps
Uranium	238-1	2642	2684	2775	2700	2.53	cps
Vanadium	51-2	120826	120060	120745	120544	0.35	cps
Yttrium	89-1	19391001	19542362	19523145	19485502	0.42	cps
Yttrium	89-2	2662564	2645366	2673264	2660398	0.53	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:08:53	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67964	67944	68640	68183	0.58	cps
Zirconium	90-1	992	1058	1042	1031	3.37	cps
Zirconium	91-1	367	375	317	353	8.94	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:12:52	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	42	25	57.73	cps
Antimony	121-1	1275	1275	1342	1297	2.97	cps
Arsenic	75-2	19	17	15	17	11.13	cps
Barium	135-1	325	342	375	347	7.33	cps
Barium	137-1	483	508	600	531	11.58	cps
Beryllium	9-1	117	110	117	114	3.36	cps
Bismuth	209-1	6997854	7065466	7041690	7035004	0.49	cps
Bismuth	209-2	4207725	4254726	4294233	4252228	1.02	cps
Boron	10-1	2700	2509	2250	2486	9.08	cps
Boron	11-1	11421	11213	11538	11391	1.45	cps
Cadmium	111-1	4939	4856	4602	4799	3.67	cps
Cadmium	106-1	6985	6860	6543	6796	3.35	cps
Cadmium	108-1	13	13	29	18	53.30	cps
Calcium	43-1	108	100	175	128	32.17	cps
Calcium	44-1	7236	7495	7754	7495	3.45	cps
Chromium	52-2	253	257	260	257	1.30	cps
Cobalt	59-2	40	53	47	47	14.28	cps
Copper	63-2	473	600	530	534	11.87	cps
Dysprosium	156-1	42	25	8	25	66.68	cps
Dysprosium	156-2	10	23	30	21	48.24	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	30	30	63	41	46.81	cps
Gadolinium	160-1	92	83	25	67	54.49	cps
Gadolinium	160-2	207	237	210	218	7.55	cps
Holmium	165-1	10679406	10796913	10747850	10741390	0.55	cps
Holmium	165-2	5599365	5649912	5670830	5640035	0.65	cps
Indium	115-1	8190458	8231704	8181535	8201232	0.33	cps
Indium	115-2	1615239	1635363	1643222	1631274	0.88	cps
Iron	56-2	2689	2823	2795	2769	2.54	cps
Iron	57-2	89	150	117	119	25.82	cps
Krypton	83-1	177	180	227	194	14.38	cps
Lead	206-1	1061	861	950	957	10.47	cps
Lead	207-1	1061	1072	972	1035	5.29	cps
Lead	208-1	3934	3667	3456	3685	6.50	cps
Lithium	6-1	2451432	2456696	2462077	2456735	0.22	cps
Magnesium	24-2	175	192	150	172	12.18	cps

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 12:12:52 DataFile Name : 011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	37	33	40	22.05	cps
Molybdenum	94-1	417	467	358	414	13.10	cps
Molybdenum	95-1	217	208	317	247	24.38	cps
Molybdenum	96-1	317	400	233	317	26.31	cps
Molybdenum	97-1	133	167	108	136	21.50	cps
Molybdenum	98-1	425	358	342	375	11.76	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	133	127	113	124	8.18	cps
Phosphorus	31-2	58	75	67	67	12.49	cps
Potassium	39-2	9628	8745	9353	9242	4.89	cps
Rhodium	103-1	7166610	7176351	7165831	7169597	0.08	cps
Rhodium	103-2	3337485	3392069	3390782	3373446	0.92	cps
Scandium	45-1	4517802	4553881	4515445	4529042	0.48	cps
Scandium	45-2	182226	184634	184472	183777	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	46	33	42	17.84	cps
Selenium	82-1	89	105	84	93	11.79	cps
Silicon	28-1	90138	90221	92007	90789	1.16	cps
Silver	109-1	192	58	133	128	52.31	cps
Silver	107-1	358	167	217	247	40.22	cps
Sodium	23-2	9162	8686	9086	8978	2.85	cps
Strontium	86-1	283	158	375	272	39.95	cps
Strontium	88-1	208	183	142	178	18.95	cps
Sulfur	34-1	181265	182556	182335	182052	0.38	cps
Terbium	159-1	11042765	11105087	11057361	11068404	0.29	cps
Terbium	159-2	5459829	5543437	5546703	5516657	0.89	cps
Thallium	203-1	1142	1058	933	1045	10.04	cps
Thallium	205-1	2209	1950	1825	1995	9.80	cps
Thorium	232-1	2700	2806	2989	2832	5.16	cps
Tin	118-1	1250	1175	1383	1270	8.31	cps
Titanium	47-1	58	83	42	61	34.32	cps
Uranium	238-1	2334	2350	2767	2484	9.89	cps
Vanadium	51-2	13	10	20	14	35.26	cps
Yttrium	89-1	19616431	19628151	19578132	19607571	0.13	cps
Yttrium	89-2	2694338	2712675	2722692	2709902	0.53	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:12:52	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	253	267	273	8.79	cps
Zirconium	90-1	675	675	667	672	0.72	cps
Zirconium	91-1	167	108	183	153	25.78	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:16:29	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4369497	4322791	4343452	4345247	0.54	cps
Antimony	121-1	7694	6694	7803	7397	8.27	cps
Arsenic	75-2	44	44	43	44	2.45	cps
Barium	135-1	2259	2359	2600	2406	7.30	cps
Barium	137-1	3917	4042	3909	3956	1.89	cps
Beryllium	9-1	407	393	310	370	14.16	cps
Bismuth	209-1	6664994	6812628	6872501	6783374	1.57	cps
Bismuth	209-2	3943107	3958113	3978104	3959775	0.44	cps
Boron	10-1	2167	2325	2350	2281	4.36	cps
Boron	11-1	10921	10546	10120	10529	3.80	cps
Cadmium	111-1	5404	4996	5336	5245	4.17	cps
Cadmium	106-1	6385	6102	6502	6329	3.25	cps
Cadmium	108-1	1254	1292	1338	1295	3.22	cps
Calcium	43-1	1619864	1633098	1630267	1627743	0.43	cps
Calcium	44-1	26667144	26969807	27097182	26911378	0.82	cps
Chromium	52-2	28110	28441	28304	28285	0.59	cps
Cobalt	59-2	2854	2740	2854	2816	2.32	cps
Copper	63-2	13033	13026	12956	13005	0.33	cps
Dysprosium	156-1	83	25	67	58	51.51	cps
Dysprosium	156-2	30	40	37	36	14.32	cps
Erbium	164-1	83	58	50	64	27.15	cps
Erbium	164-2	63	113	107	94	28.75	cps
Gadolinium	160-1	50	83	92	75	29.40	cps
Gadolinium	160-2	190	203	200	198	3.51	cps
Holmium	165-1	10790852	11002794	11179216	10990954	1.77	cps
Holmium	165-2	5585948	5566237	5623689	5591958	0.52	cps
Indium	115-1	7627516	7792104	7848109	7755910	1.48	cps
Indium	115-2	1494477	1499233	1511200	1501636	0.57	cps
Iron	56-2	122110506	121608561	121961703	121893590	0.21	cps
Iron	57-2	3031056	3026964	3037302	3031774	0.17	cps
Krypton	83-1	203	157	157	172	15.65	cps
Lead	206-1	25887	26382	26661	26310	1.49	cps
Lead	207-1	20628	20505	21223	20785	1.85	cps
Lead	208-1	96542	98036	98135	97571	0.91	cps
Lithium	6-1	2285600	2317468	2335496	2312854	1.09	cps
Magnesium	24-2	10820618	10749292	10811228	10793713	0.36	cps

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 12:16:29 DataFile Name : 012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7098	7199	7182	7160	0.75	cps
Molybdenum	94-1	3023859	3078472	3076050	3059460	1.01	cps
Molybdenum	95-1	5477236	5528895	5587934	5531355	1.00	cps
Molybdenum	96-1	5827614	5893527	5946866	5889336	1.01	cps
Molybdenum	97-1	3327442	3378619	3396516	3367526	1.06	cps
Molybdenum	98-1	8788507	8884505	8937031	8870015	0.85	cps
Neodymium	150-1	0	20	33	18	94.37	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	3144	3220	2900	3088	5.41	cps
Phosphorus	31-2	247146	242151	251198	246832	1.84	cps
Potassium	39-2	10254778	10104768	10121207	10160251	0.81	cps
Rhodium	103-1	6326464	6449479	6525903	6433948	1.56	cps
Rhodium	103-2	2974646	2990767	3009060	2991491	0.58	cps
Scandium	45-1	4108734	4191074	4232464	4177424	1.51	cps
Scandium	45-2	168226	169975	169726	169309	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	33	31	33	5.57	cps
Selenium	82-1	30	93	122	82	57.72	cps
Silicon	28-1	146560	148589	147926	147692	0.70	cps
Silver	109-1	192	258	300	250	21.86	cps
Silver	107-1	308	342	375	342	9.76	cps
Sodium	23-2	20479756	20313261	20378306	20390441	0.41	cps
Strontium	86-1	62871	62830	64437	63380	1.45	cps
Strontium	88-1	556454	558804	565434	560231	0.83	cps
Sulfur	34-1	3081573	3111552	3110370	3101165	0.55	cps
Terbium	159-1	11064595	11186499	11358123	11203072	1.32	cps
Terbium	159-2	5381738	5416865	5467759	5422120	0.80	cps
Thallium	203-1	1717	1634	1609	1653	3.43	cps
Thallium	205-1	3367	3734	3484	3528	5.31	cps
Thorium	232-1	2789	3017	2973	2926	4.13	cps
Tin	118-1	1750	1892	2092	1911	8.98	cps
Titanium	47-1	1396784	1419907	1425261	1413984	1.07	cps
Uranium	238-1	2800	2800	3101	2900	5.97	cps
Vanadium	51-2	200	197	177	191	6.60	cps
Yttrium	89-1	18542875	18769680	19081182	18797913	1.44	cps
Yttrium	89-2	2545961	2532567	2541917	2540148	0.27	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:16:29	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3304	3157	3257	3239	2.31	cps
Zirconium	90-1	975	917	1242	1045	16.59	cps
Zirconium	91-1	125	217	192	178	26.65	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:20:05	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4362930	4313771	4364075	4346926	0.66	cps
Antimony	121-1	126828	126784	124742	126118	0.94	cps
Arsenic	75-2	3393	3387	3523	3434	2.23	cps
Barium	135-1	34327	34227	34753	34435	0.81	cps
Barium	137-1	58599	59218	59737	59185	0.96	cps
Beryllium	9-1	24213	24683	24517	24471	0.98	cps
Bismuth	209-1	6913795	6980980	6927836	6940870	0.51	cps
Bismuth	209-2	4013470	3986980	4003399	4001283	0.33	cps
Boron	10-1	12831	13031	13423	13095	2.30	cps
Boron	11-1	57326	58866	59393	58528	1.83	cps
Cadmium	111-1	40130	39601	39932	39888	0.67	cps
Cadmium	106-1	11513	11739	11672	11641	0.99	cps
Cadmium	108-1	4247	4376	4176	4266	2.38	cps
Calcium	43-1	1634705	1629349	1631967	1632007	0.16	cps
Calcium	44-1	27028547	27060882	27137519	27075650	0.21	cps
Chromium	52-2	55591	55233	55441	55422	0.32	cps
Cobalt	59-2	49527	48821	49202	49183	0.72	cps
Copper	63-2	45554	45333	45567	45485	0.29	cps
Dysprosium	156-1	42	83	33	53	50.76	cps
Dysprosium	156-2	23	23	33	27	21.65	cps
Erbium	164-1	150	100	92	114	27.70	cps
Erbium	164-2	93	60	100	84	25.38	cps
Gadolinium	160-1	67	108	100	92	24.05	cps
Gadolinium	160-2	237	183	200	207	13.20	cps
Holmium	165-1	11292276	11338809	11323047	11318044	0.21	cps
Holmium	165-2	5690884	5618515	5677484	5662294	0.68	cps
Indium	115-1	7936095	7937348	7924199	7932548	0.09	cps
Indium	115-2	1513463	1501034	1515156	1509884	0.51	cps
Iron	56-2	122119747	121215744	121778069	121704520	0.38	cps
Iron	57-2	3020793	3001033	3041021	3020949	0.66	cps
Krypton	83-1	167	180	153	167	8.00	cps
Lead	206-1	139765	139937	141824	140509	0.81	cps
Lead	207-1	117100	118076	117426	117534	0.42	cps
Lead	208-1	539301	541206	539724	540077	0.19	cps
Lithium	6-1	2334172	2345698	2345893	2341921	0.29	cps
Magnesium	24-2	10793822	10763601	10793431	10783618	0.16	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:20:05	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24824	24537	24197	24520	1.28	cps
Molybdenum	94-1	3366108	3409134	3376523	3383922	0.66	cps
Molybdenum	95-1	5731652	5767818	5741691	5747053	0.32	cps
Molybdenum	96-1	6154837	6206670	6154943	6172150	0.48	cps
Molybdenum	97-1	3507502	3529271	3490353	3509042	0.56	cps
Molybdenum	98-1	9186235	9278248	9205280	9223255	0.53	cps
Neodymium	150-1	53	13	47	38	56.74	cps
Neodymium	150-2	13	23	13	17	34.65	cps
Nickel	60-2	15131	14718	15161	15003	1.65	cps
Phosphorus	31-2	248111	248088	247020	247740	0.25	cps
Potassium	39-2	10255495	10105216	10211660	10190790	0.76	cps
Rhodium	103-1	6550638	6571879	6583189	6568568	0.25	cps
Rhodium	103-2	3019556	3009275	3014849	3014560	0.17	cps
Scandium	45-1	4250062	4219942	4252634	4240879	0.43	cps
Scandium	45-2	172031	168310	172447	170930	1.33	cps
Selenium	77-2	120	120	150	130	13.32	cps
Selenium	78-2	361	363	339	354	3.78	cps
Selenium	82-1	2516	2594	2532	2548	1.62	cps
Silicon	28-1	336580	342138	339771	339496	0.82	cps
Silver	109-1	137765	138176	139617	138519	0.70	cps
Silver	107-1	144614	146660	142967	144747	1.28	cps
Sodium	23-2	20487888	20365111	20413773	20422257	0.30	cps
Strontium	86-1	193109	194710	193704	193841	0.42	cps
Strontium	88-1	1696042	1704989	1698560	1699864	0.27	cps
Sulfur	34-1	3107222	3111697	3093912	3104277	0.30	cps
Terbium	159-1	11367281	11501539	11477755	11448858	0.63	cps
Terbium	159-2	5508501	5448759	5510015	5489092	0.64	cps
Thallium	203-1	141630	141546	143600	142259	0.82	cps
Thallium	205-1	338628	342126	340740	340498	0.52	cps
Thorium	232-1	3884	3828	3945	3886	1.50	cps
Tin	118-1	304432	306563	300897	303964	0.94	cps
Titanium	47-1	1457145	1461568	1455035	1457916	0.23	cps
Uranium	238-1	1283171	1296435	1281221	1286942	0.64	cps
Vanadium	51-2	22591	21997	23135	22574	2.52	cps
Yttrium	89-1	19133306	19241690	19241333	19205443	0.33	cps
Yttrium	89-2	2571297	2558087	2562347	2563910	0.26	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:20:05	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8473	8829	8686	8663	2.07	cps
Zirconium	90-1	558812	563725	557336	559958	0.60	cps
Zirconium	91-1	124444	124454	123143	124013	0.61	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:23:42	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2567133	2537418	2536366	2546972	0.69	cps
Antimony	121-1	2978662	2999582	2994730	2990991	0.37	cps
Arsenic	75-2	91925	91485	90729	91380	0.66	cps
Barium	135-1	3947523	3968007	3974657	3963396	0.36	cps
Barium	137-1	6993607	7059063	7046755	7033142	0.49	cps
Beryllium	9-1	617496	620850	622754	620367	0.43	cps
Bismuth	209-1	6588663	6685867	6639537	6638022	0.73	cps
Bismuth	209-2	3806345	3845612	3805448	3819135	0.60	cps
Boron	10-1	90830	95828	96163	94274	3.17	cps
Boron	11-1	421524	440837	443657	435339	2.77	cps
Cadmium	111-1	947413	949592	948811	948605	0.12	cps
Cadmium	106-1	108898	108707	107086	108230	0.92	cps
Cadmium	108-1	69758	69750	70403	69971	0.54	cps
Calcium	43-1	4194593	4236437	4228468	4219833	0.53	cps
Calcium	44-1	69650118	70420695	70266260	70112358	0.58	cps
Chromium	52-2	735973	736431	739012	737138	0.22	cps
Cobalt	59-2	1201473	1197991	1192778	1197414	0.37	cps
Copper	63-2	1815446	1805470	1812736	1811217	0.28	cps
Dysprosium	156-1	108	117	125	117	7.14	cps
Dysprosium	156-2	163	97	110	123	28.60	cps
Erbium	164-1	100	167	108	125	29.06	cps
Erbium	164-2	63	73	80	72	11.62	cps
Gadolinium	160-1	67	75	58	67	12.49	cps
Gadolinium	160-2	193	230	187	203	11.48	cps
Holmium	165-1	11005290	11249333	11149971	11134865	1.10	cps
Holmium	165-2	5569288	5571621	5561046	5567318	0.10	cps
Indium	115-1	7652847	7772652	7757581	7727693	0.84	cps
Indium	115-2	1481730	1485413	1475795	1480979	0.33	cps
Iron	56-2	159973231	160115392	159896954	159995192	0.07	cps
Iron	57-2	3982783	3970724	3971635	3975047	0.17	cps
Krypton	83-1	233	203	180	206	13.01	cps
Lead	206-1	2787445	2790785	2770955	2783062	0.38	cps
Lead	207-1	2434318	2427385	2429073	2430258	0.15	cps
Lead	208-1	11218682	11275737	11189426	11227948	0.39	cps
Lithium	6-1	2339150	2363596	2371056	2357934	0.71	cps
Magnesium	24-2	28323867	28122301	27980277	28142148	0.61	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:23:42	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	936550	927958	930540	931683	0.47	cps
Molybdenum	94-1	6333491	6406338	6384675	6374835	0.59	cps
Molybdenum	95-1	7904362	7970289	7987986	7954212	0.55	cps
Molybdenum	96-1	8732391	8793453	8846013	8790619	0.65	cps
Molybdenum	97-1	4809283	4838206	4847903	4831797	0.42	cps
Molybdenum	98-1	12694611	12791862	12782142	12756205	0.42	cps
Neodymium	150-1	507	413	413	444	12.12	cps
Neodymium	150-2	60	73	73	69	11.17	cps
Nickel	60-2	306416	303732	303131	304426	0.57	cps
Phosphorus	31-2	27009	27167	26666	26947	0.95	cps
Potassium	39-2	13604033	13471716	13484610	13520120	0.54	cps
Rhodium	103-1	6313539	6395595	6389079	6366071	0.72	cps
Rhodium	103-2	2923762	2941627	2918433	2927941	0.41	cps
Scandium	45-1	4213825	4274313	4288382	4258840	0.93	cps
Scandium	45-2	171823	171802	171749	171791	0.02	cps
Selenium	77-2	2554	2664	2584	2600	2.19	cps
Selenium	78-2	8856	8890	8793	8847	0.55	cps
Selenium	82-1	61928	63321	62577	62609	1.11	cps
Silicon	28-1	1951842	2019728	2033378	2001649	2.18	cps
Silver	109-1	3882413	3935440	3898708	3905520	0.70	cps
Silver	107-1	4041367	4049934	4024505	4038602	0.32	cps
Sodium	23-2	52818072	52361714	52179651	52453146	0.63	cps
Strontium	86-1	978832	978633	979553	979006	0.05	cps
Strontium	88-1	8742475	8783577	8762722	8762925	0.23	cps
Sulfur	34-1	481677	483641	484481	483266	0.30	cps
Terbium	159-1	11202094	11242973	11329177	11258081	0.58	cps
Terbium	159-2	5414872	5442187	5400960	5419339	0.39	cps
Thallium	203-1	3431450	3458616	3434281	3441449	0.43	cps
Thallium	205-1	8411427	8374749	8404444	8396873	0.23	cps
Thorium	232-1	12164056	12230009	12105436	12166500	0.51	cps
Tin	118-1	2634550	2659241	2639027	2644273	0.50	cps
Titanium	47-1	1854244	1865754	1860467	1860155	0.31	cps
Uranium	238-1	11634750	11617160	11595269	11615726	0.17	cps
Vanadium	51-2	596620	593682	594844	595049	0.25	cps
Yttrium	89-1	18857886	19135764	19107731	19033794	0.80	cps
Yttrium	89-2	2562190	2561958	2539639	2554596	0.51	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:23:42	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	335946	336915	337524	336795	0.24	cps
Zirconium	90-1	5143607	5213145	5212148	5189633	0.77	cps
Zirconium	91-1	1118889	1132362	1128847	1126699	0.62	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:27:20	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	417	233	339	27.96	cps
Antimony	121-1	4109	3501	3959	3856	8.22	cps
Arsenic	75-2	20	30	7	19	58.32	cps
Barium	135-1	1567	967	925	1153	31.15	cps
Barium	137-1	2259	2109	1517	1961	20.00	cps
Beryllium	9-1	320	353	250	308	17.13	cps
Bismuth	209-1	7255986	7402970	7383067	7347341	1.09	cps
Bismuth	209-2	4222847	4237775	4316542	4259055	1.18	cps
Boron	10-1	4659	4092	3942	4231	8.94	cps
Boron	11-1	20690	19789	19355	19944	3.42	cps
Cadmium	111-1	5558	5384	5399	5447	1.77	cps
Cadmium	106-1	7327	7252	7352	7311	0.71	cps
Cadmium	108-1	54	38	63	51	24.77	cps
Calcium	43-1	1633	1233	1250	1372	16.49	cps
Calcium	44-1	30709	26692	23479	26960	13.44	cps
Chromium	52-2	357	323	310	330	7.28	cps
Cobalt	59-2	133	127	77	112	27.60	cps
Copper	63-2	1053	933	770	919	15.48	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	20	7	20	16	49.47	cps
Erbium	164-1	17	42	58	39	53.93	cps
Erbium	164-2	37	63	60	53	27.24	cps
Gadolinium	160-1	92	67	83	81	15.80	cps
Gadolinium	160-2	190	210	177	192	8.73	cps
Holmium	165-1	11131848	11293115	11204651	11209872	0.72	cps
Holmium	165-2	5635728	5600652	5713200	5649860	1.02	cps
Indium	115-1	8397580	8481100	8468494	8449058	0.53	cps
Indium	115-2	1596045	1613010	1634722	1614592	1.20	cps
Iron	56-2	27498	23347	19463	23436	17.15	cps
Iron	57-2	783	661	567	670	16.20	cps
Krypton	83-1	170	163	190	174	7.96	cps
Lead	206-1	2211	1850	1511	1858	18.85	cps
Lead	207-1	1934	1822	1656	1804	7.75	cps
Lead	208-1	7923	7206	6351	7160	11.00	cps
Lithium	6-1	2442975	2458879	2475215	2459023	0.66	cps
Magnesium	24-2	3526	2867	2225	2873	22.63	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:27:20	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	87	90	101	21.95	cps
Molybdenum	94-1	3451	3159	2800	3137	10.38	cps
Molybdenum	95-1	4618	4284	3259	4054	17.47	cps
Molybdenum	96-1	5009	4251	3692	4318	15.31	cps
Molybdenum	97-1	2592	2434	1775	2267	19.11	cps
Molybdenum	98-1	7294	6318	5084	6232	17.77	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	110	67	80	86	25.94	cps
Phosphorus	31-2	92	83	133	103	26.06	cps
Potassium	39-2	10996	10479	9920	10465	5.14	cps
Rhodium	103-1	7235211	7290783	7339242	7288412	0.71	cps
Rhodium	103-2	3308058	3337911	3381200	3342390	1.10	cps
Scandium	45-1	4540900	4599595	4606510	4582335	0.79	cps
Scandium	45-2	179827	179313	182228	180456	0.86	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	50	41	48	46	10.58	cps
Selenium	82-1	162	142	111	138	18.51	cps
Silicon	28-1	100007	98692	98315	99005	0.90	cps
Silver	109-1	1684	1283	783	1250	36.08	cps
Silver	107-1	1659	1625	1242	1508	15.35	cps
Sodium	23-2	20022	17811	17219	18351	8.05	cps
Strontium	86-1	475	567	583	542	10.77	cps
Strontium	88-1	3326	2500	2134	2653	23.01	cps
Sulfur	34-1	172319	170776	173295	172130	0.74	cps
Terbium	159-1	11364946	11464221	11441350	11423506	0.46	cps
Terbium	159-2	5487416	5474290	5553429	5505045	0.77	cps
Thallium	203-1	2850	2400	2359	2536	10.75	cps
Thallium	205-1	5760	5251	4326	5112	14.22	cps
Thorium	232-1	7702	7174	6763	7213	6.53	cps
Tin	118-1	2984	2967	2659	2870	6.38	cps
Titanium	47-1	792	667	492	650	23.18	cps
Uranium	238-1	6143	5985	5260	5796	8.13	cps
Vanadium	51-2	97	33	53	61	52.98	cps
Yttrium	89-1	19823856	20204822	20127177	20051952	1.00	cps
Yttrium	89-2	2651845	2683539	2716340	2683908	1.20	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:27:20	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	260	283	307	283	8.24	cps
Zirconium	90-1	2692	2550	2059	2434	13.66	cps
Zirconium	91-1	658	575	467	567	16.96	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4327-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MH1283	Dilution Factor :	4
Date & Time Acquired ::	2019-08-19 12:30:56	DataFile Name :	016SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191459	189283	189866	190202	0.59	cps
Antimony	121-1	13716	14266	14566	14183	3.04	cps
Arsenic	75-2	593	704	652	649	8.56	cps
Barium	135-1	122771	121241	122351	122121	0.65	cps
Barium	137-1	212536	211122	211181	211613	0.38	cps
Beryllium	9-1	353	270	313	312	13.35	cps
Bismuth	209-1	7418609	7379463	7481490	7426520	0.69	cps
Bismuth	209-2	4379392	4410241	4388607	4392747	0.36	cps
Boron	10-1	9086	9203	9145	9145	0.64	cps
Boron	11-1	42486	43338	42043	42622	1.55	cps
Cadmium	111-1	12862	13056	12525	12814	2.10	cps
Cadmium	106-1	8286	8219	7644	8050	4.38	cps
Cadmium	108-1	533	625	558	572	8.28	cps
Calcium	43-1	439610	430722	436535	435622	1.04	cps
Calcium	44-1	7259131	7221965	7295389	7258828	0.51	cps
Chromium	52-2	113291	113170	112971	113144	0.14	cps
Cobalt	59-2	6792	6682	6745	6739	0.82	cps
Copper	63-2	2027449	2019674	2020906	2022676	0.21	cps
Dysprosium	156-1	7110	6794	6744	6883	2.89	cps
Dysprosium	156-2	3771	3737	3877	3795	1.93	cps
Erbium	164-1	5093	4659	5018	4923	4.71	cps
Erbium	164-2	2584	2320	2574	2492	5.99	cps
Gadolinium	160-1	5860	4959	5276	5365	8.51	cps
Gadolinium	160-2	3164	3094	3004	3087	2.60	cps
Holmium	165-1	11566374	11408208	11648549	11541044	1.06	cps
Holmium	165-2	5949233	5920319	5936593	5935382	0.24	cps
Indium	115-1	8751258	8659688	8752528	8721158	0.61	cps
Indium	115-2	1694433	1683886	1690739	1689686	0.32	cps
Iron	56-2	7221691	7154945	7161705	7179447	0.51	cps
Iron	57-2	182808	179591	179837	180745	0.99	cps
Krypton	83-1	240	190	210	213	11.80	cps
Lead	206-1	1652739	1643723	1658254	1651572	0.44	cps
Lead	207-1	1412856	1400499	1408541	1407299	0.45	cps
Lead	208-1	6446930	6386824	6454376	6429376	0.58	cps
Lithium	6-1	2607877	2583749	2623506	2605044	0.77	cps
Magnesium	24-2	359896	358974	357671	358847	0.31	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4327-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MH1283	Dilution Factor :	4
Date & Time Acquired ::	2019-08-19 12:30:56	DataFile Name :	016SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143808	142442	143189	143146	0.48	cps
Molybdenum	94-1	7669	6969	7694	7444	5.53	cps
Molybdenum	95-1	6035	6193	5693	5974	4.28	cps
Molybdenum	96-1	7544	7019	7361	7308	3.65	cps
Molybdenum	97-1	3909	3901	3726	3845	2.69	cps
Molybdenum	98-1	9821	9620	9971	9804	1.79	cps
Neodymium	150-1	10164	9397	9757	9773	3.93	cps
Neodymium	150-2	3824	3967	3901	3897	1.84	cps
Nickel	60-2	49055	47687	47570	48104	1.72	cps
Phosphorus	31-2	2509	2425	2417	2450	2.07	cps
Potassium	39-2	191672	191631	188244	190516	1.03	cps
Rhodium	103-1	7618397	7578123	7615995	7604171	0.30	cps
Rhodium	103-2	3500011	3460619	3468372	3476334	0.60	cps
Scandium	45-1	4860606	4849279	4893164	4867683	0.47	cps
Scandium	45-2	194268	191595	191041	192301	0.90	cps
Selenium	77-2	23	7	10	13	66.12	cps
Selenium	78-2	46	46	35	43	15.06	cps
Selenium	82-1	95	145	117	119	21.09	cps
Silicon	28-1	1964574	1951939	1949529	1955347	0.41	cps
Silver	109-1	23145	22335	24130	23203	3.87	cps
Silver	107-1	23829	23228	23337	23465	1.36	cps
Sodium	23-2	2508991	2495301	2486929	2497074	0.45	cps
Strontium	86-1	128781	127697	129024	128501	0.55	cps
Strontium	88-1	1129450	1117845	1125816	1124370	0.53	cps
Sulfur	34-1	295483	294522	291765	293923	0.66	cps
Terbium	159-1	11866402	11771443	11887417	11841754	0.52	cps
Terbium	159-2	5813778	5779561	5775321	5789553	0.36	cps
Thallium	203-1	1725	1533	1667	1642	5.99	cps
Thallium	205-1	3401	3376	3326	3367	1.13	cps
Thorium	232-1	7741	7819	7969	7843	1.48	cps
Tin	118-1	102052	104661	104285	103666	1.36	cps
Titanium	47-1	40197	39136	39445	39593	1.38	cps
Uranium	238-1	11422	10788	11097	11103	2.86	cps
Vanadium	51-2	8976	8626	8596	8733	2.42	cps
Yttrium	89-1	21252763	21035882	21158436	21149027	0.51	cps
Yttrium	89-2	2855831	2823164	2857220	2845405	0.68	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4327-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MH1283	Dilution Factor :	4
Date & Time Acquired ::	2019-08-19 12:30:56	DataFile Name :	016SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	523903	527661	526718	526094	0.37	cps
Zirconium	90-1	11247	11581	10571	11133	4.62	cps
Zirconium	91-1	2592	2359	2659	2537	6.21	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:34:56	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2584712	2579276	2606851	2590280	0.56	cps
Antimony	121-1	3023303	3015480	2988815	3009200	0.60	cps
Arsenic	75-2	91608	92553	92203	92121	0.52	cps
Barium	135-1	3991882	3993251	3964904	3983346	0.40	cps
Barium	137-1	7104647	7076006	7015655	7065436	0.64	cps
Beryllium	9-1	634673	631152	622399	629408	1.00	cps
Bismuth	209-1	6766456	6666858	6633077	6688797	1.04	cps
Bismuth	209-2	3807320	3788270	3871082	3822224	1.13	cps
Boron	10-1	95634	96365	98461	96820	1.52	cps
Boron	11-1	438984	444350	448356	443897	1.06	cps
Cadmium	111-1	952625	942758	936233	943872	0.87	cps
Cadmium	106-1	109244	107145	106675	107688	1.27	cps
Cadmium	108-1	70260	71258	69046	70188	1.58	cps
Calcium	43-1	4316737	4375632	4261951	4318107	1.32	cps
Calcium	44-1	71535475	71285112	70993218	71271268	0.38	cps
Chromium	52-2	746678	747953	754143	749591	0.53	cps
Cobalt	59-2	1204212	1207319	1215481	1209004	0.48	cps
Copper	63-2	1824999	1835791	1839256	1833349	0.41	cps
Dysprosium	156-1	67	125	217	136	55.55	cps
Dysprosium	156-2	77	123	117	106	23.91	cps
Erbium	164-1	67	83	100	83	20.00	cps
Erbium	164-2	57	70	77	68	15.02	cps
Gadolinium	160-1	133	133	125	131	3.68	cps
Gadolinium	160-2	190	183	253	209	18.50	cps
Holmium	165-1	11399494	11141471	11208129	11249698	1.19	cps
Holmium	165-2	5559224	5507608	5623915	5563582	1.05	cps
Indium	115-1	7984255	7781836	7781227	7849106	1.49	cps
Indium	115-2	1472721	1460520	1491345	1474862	1.05	cps
Iron	56-2	161881293	162104265	162770176	162251911	0.29	cps
Iron	57-2	3985260	3996991	4024961	4002404	0.51	cps
Krypton	83-1	197	167	173	179	8.81	cps
Lead	206-1	2779134	2787508	2736578	2767740	0.99	cps
Lead	207-1	2429669	2417045	2387953	2411556	0.89	cps
Lead	208-1	10973226	11234145	10815055	11007475	1.92	cps
Lithium	6-1	2451845	2414902	2400201	2422316	1.10	cps
Magnesium	24-2	28561823	28418858	28687981	28556220	0.47	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:34:56	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	939804	946417	945500	943907	0.38	cps
Molybdenum	94-1	6471062	6438886	6364616	6424855	0.85	cps
Molybdenum	95-1	8041922	8009221	7956332	8002491	0.54	cps
Molybdenum	96-1	8862993	8833707	8759860	8818853	0.60	cps
Molybdenum	97-1	4879851	4862135	4810954	4850980	0.74	cps
Molybdenum	98-1	12970132	12881900	12719569	12857201	0.99	cps
Neodymium	150-1	360	367	333	353	4.99	cps
Neodymium	150-2	60	53	80	64	21.54	cps
Nickel	60-2	306372	306473	311157	308001	0.89	cps
Phosphorus	31-2	27084	27234	27217	27178	0.30	cps
Potassium	39-2	13799658	13781751	13796260	13792556	0.07	cps
Rhodium	103-1	6584965	6439650	6421833	6482149	1.38	cps
Rhodium	103-2	2911178	2878808	2946475	2912154	1.16	cps
Scandium	45-1	4545013	4426996	4295415	4422475	2.82	cps
Scandium	45-2	173688	171760	175412	173620	1.05	cps
Selenium	77-2	2650	2777	2694	2707	2.38	cps
Selenium	78-2	8856	8879	9184	8973	2.04	cps
Selenium	82-1	62759	62958	62848	62855	0.16	cps
Silicon	28-1	2016671	2058963	2057300	2044311	1.17	cps
Silver	109-1	3951914	3938824	3886549	3925762	0.88	cps
Silver	107-1	4117303	4102644	4070321	4096756	0.59	cps
Sodium	23-2	52914381	53039041	53347732	53100385	0.42	cps
Strontium	86-1	1005011	991613	975965	990863	1.47	cps
Strontium	88-1	8855817	8903803	8739218	8832946	0.96	cps
Sulfur	34-1	494786	482210	485737	487577	1.33	cps
Terbium	159-1	11559706	11313260	11273097	11382021	1.36	cps
Terbium	159-2	5361582	5316583	5443247	5373804	1.19	cps
Thallium	203-1	3447548	3410313	3416588	3424816	0.58	cps
Thallium	205-1	8424545	8412984	8324466	8387332	0.65	cps
Thorium	232-1	12135053	12228355	12126117	12163175	0.47	cps
Tin	118-1	2685272	2652828	2646238	2661446	0.79	cps
Titanium	47-1	1908893	1889747	1865756	1888132	1.14	cps
Uranium	238-1	11583833	11723107	11613417	11640119	0.63	cps
Vanadium	51-2	602592	604184	607447	604741	0.41	cps
Yttrium	89-1	19816612	19248843	19127191	19397549	1.90	cps
Yttrium	89-2	2550834	2527332	2579299	2552488	1.02	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:34:56	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	337215	340661	344097	340658	1.01	cps
Zirconium	90-1	5292121	5256094	5231182	5259799	0.58	cps
Zirconium	91-1	1146437	1143141	1129506	1139695	0.79	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:38:35	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	92	75	22.22	cps
Antimony	121-1	2825	3159	2950	2978	5.66	cps
Arsenic	75-2	13	6	11	10	38.99	cps
Barium	135-1	325	225	158	236	35.53	cps
Barium	137-1	567	367	308	414	32.73	cps
Beryllium	9-1	173	143	147	154	10.65	cps
Bismuth	209-1	7381687	7414862	7396117	7397555	0.22	cps
Bismuth	209-2	4341438	4410131	4355242	4368937	0.83	cps
Boron	10-1	5243	4843	4859	4982	4.54	cps
Boron	11-1	21975	21766	20982	21574	2.43	cps
Cadmium	111-1	5147	5094	4821	5020	3.48	cps
Cadmium	106-1	7227	7085	6819	7044	2.95	cps
Cadmium	108-1	29	29	21	26	18.25	cps
Calcium	43-1	400	325	308	344	14.18	cps
Calcium	44-1	11689	10481	9730	10633	9.30	cps
Chromium	52-2	283	270	287	280	3.15	cps
Cobalt	59-2	37	50	33	40	22.05	cps
Copper	63-2	630	650	687	656	4.38	cps
Dysprosium	156-1	8	8	33	17	86.64	cps
Dysprosium	156-2	13	20	20	18	21.66	cps
Erbium	164-1	75	42	83	67	33.07	cps
Erbium	164-2	67	47	50	54	19.68	cps
Gadolinium	160-1	67	33	75	58	37.80	cps
Gadolinium	160-2	200	137	207	181	21.33	cps
Holmium	165-1	11253941	11283602	11217771	11251771	0.29	cps
Holmium	165-2	5803309	5870580	5791422	5821770	0.73	cps
Indium	115-1	8493549	8560551	8562493	8538864	0.46	cps
Indium	115-2	1661660	1687646	1664449	1671252	0.85	cps
Iron	56-2	6096	5912	5346	5785	6.76	cps
Iron	57-2	261	222	194	226	14.82	cps
Krypton	83-1	173	173	177	174	1.10	cps
Lead	206-1	1139	1356	950	1148	17.68	cps
Lead	207-1	1206	1145	1028	1126	8.02	cps
Lead	208-1	4523	4506	3889	4306	8.38	cps
Lithium	6-1	2504690	2491087	2498434	2498070	0.27	cps
Magnesium	24-2	717	492	433	547	27.34	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:38:35	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	40	27	38	26.95	cps
Molybdenum	94-1	1650	1133	1383	1389	18.60	cps
Molybdenum	95-1	2100	1775	1567	1814	14.82	cps
Molybdenum	96-1	2075	1850	1917	1947	5.94	cps
Molybdenum	97-1	1358	867	1117	1114	22.07	cps
Molybdenum	98-1	3426	2784	2542	2917	15.65	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	17	0	6	173.21	cps
Nickel	60-2	63	57	53	58	8.81	cps
Phosphorus	31-2	125	58	67	83	43.59	cps
Potassium	39-2	10212	10262	9962	10145	1.59	cps
Rhodium	103-1	7366646	7384874	7358569	7370030	0.18	cps
Rhodium	103-2	3418020	3456271	3439591	3437961	0.56	cps
Scandium	45-1	4649364	4673689	4681661	4668238	0.36	cps
Scandium	45-2	186399	189191	186363	187318	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	50	59	50	18.52	cps
Selenium	82-1	91	87	69	82	14.20	cps
Silicon	28-1	99757	99884	98667	99436	0.67	cps
Silver	109-1	425	408	433	422	3.01	cps
Silver	107-1	692	558	525	592	14.91	cps
Sodium	23-2	15959	15300	15550	15603	2.13	cps
Strontium	86-1	367	333	358	353	4.92	cps
Strontium	88-1	700	558	425	561	24.51	cps
Sulfur	34-1	172632	176559	174981	174724	1.13	cps
Terbium	159-1	11605063	11493264	11530816	11543048	0.49	cps
Terbium	159-2	5655361	5735065	5639730	5676719	0.90	cps
Thallium	203-1	2050	1584	1508	1714	17.12	cps
Thallium	205-1	3651	3342	3267	3420	5.94	cps
Thorium	232-1	6218	5529	5273	5674	8.61	cps
Tin	118-1	2550	2192	2309	2350	7.78	cps
Titanium	47-1	175	267	167	203	27.36	cps
Uranium	238-1	3451	3426	3042	3306	6.92	cps
Vanadium	51-2	17	3	3	8	99.04	cps
Yttrium	89-1	20313448	20393375	20325056	20343960	0.21	cps
Yttrium	89-2	2762794	2776145	2770347	2769762	0.24	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:38:35	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	210	233	257	233	10.00	cps
Zirconium	90-1	1675	1508	1142	1442	18.93	cps
Zirconium	91-1	308	275	267	283	7.78	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:42:11	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	1142	1150	1106	6.32	cps
Antimony	121-1	12289	13023	13157	12823	3.64	cps
Arsenic	75-2	189	198	228	205	9.91	cps
Barium	135-1	16552	16727	16369	16549	1.08	cps
Barium	137-1	28121	28622	27996	28246	1.17	cps
Beryllium	9-1	1443	1437	1363	1415	3.14	cps
Bismuth	209-1	7488420	7382015	7419051	7429829	0.73	cps
Bismuth	209-2	4278505	4303968	4270669	4284381	0.41	cps
Boron	10-1	7827	7711	7052	7530	5.55	cps
Boron	11-1	34298	33513	34783	34198	1.87	cps
Cadmium	111-1	6695	6783	6698	6725	0.75	cps
Cadmium	106-1	7294	7060	7127	7160	1.68	cps
Cadmium	108-1	171	150	183	168	10.02	cps
Calcium	43-1	9478	8953	8945	9125	3.35	cps
Calcium	44-1	154893	154507	154078	154493	0.26	cps
Chromium	52-2	3280	3440	3544	3422	3.88	cps
Cobalt	59-2	2630	2804	2484	2639	6.07	cps
Copper	63-2	4327	4597	4604	4510	3.50	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	17	23	23	21	18.21	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	57	47	50	51	9.96	cps
Gadolinium	160-1	50	83	58	64	27.15	cps
Gadolinium	160-2	207	213	167	196	12.91	cps
Holmium	165-1	11365597	11292845	11338703	11332382	0.32	cps
Holmium	165-2	5740272	5678481	5669778	5696177	0.67	cps
Indium	115-1	8751838	8699013	8698332	8716394	0.35	cps
Indium	115-2	1646377	1652088	1642472	1646979	0.29	cps
Iron	56-2	76174	77269	75895	76446	0.95	cps
Iron	57-2	2022	2161	2145	2109	3.60	cps
Krypton	83-1	193	153	147	164	15.35	cps
Lead	206-1	6385	6774	6452	6537	3.18	cps
Lead	207-1	5751	5618	6002	5790	3.36	cps
Lead	208-1	25343	26150	25699	25731	1.57	cps
Lithium	6-1	2566539	2553390	2559467	2559799	0.26	cps
Magnesium	24-2	62196	61016	61611	61608	0.96	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:42:11	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1067	1173	1057	1099	5.88	cps
Molybdenum	94-1	13515	12665	13056	13079	3.26	cps
Molybdenum	95-1	16644	16393	15375	16137	4.16	cps
Molybdenum	96-1	18012	18237	17470	17906	2.20	cps
Molybdenum	97-1	10012	10054	9912	9993	0.73	cps
Molybdenum	98-1	26024	26016	25624	25888	0.88	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	900	697	783	793	12.86	cps
Phosphorus	31-2	183	258	292	244	22.70	cps
Potassium	39-2	67429	67496	66801	67242	0.57	cps
Rhodium	103-1	7622710	7538192	7612873	7591258	0.61	cps
Rhodium	103-2	3382503	3402418	3371537	3385486	0.46	cps
Scandium	45-1	4815450	4776839	4801733	4798008	0.41	cps
Scandium	45-2	184108	187237	184773	185373	0.89	cps
Selenium	77-2	23	17	23	21	18.21	cps
Selenium	78-2	143	148	150	147	2.63	cps
Selenium	82-1	787	811	888	829	6.37	cps
Silicon	28-1	127420	127321	130263	128335	1.30	cps
Silver	109-1	8853	8811	8728	8798	0.72	cps
Silver	107-1	9237	8903	9178	9106	1.96	cps
Sodium	23-2	121927	121866	121346	121713	0.26	cps
Strontium	86-1	2142	2092	2250	2161	3.75	cps
Strontium	88-1	17778	18379	17828	17995	1.85	cps
Sulfur	34-1	186183	184893	183635	184904	0.69	cps
Terbium	159-1	11657786	11596672	11620769	11625076	0.26	cps
Terbium	159-2	5585036	5542824	5504538	5544133	0.73	cps
Thallium	203-1	7661	8086	7903	7883	2.71	cps
Thallium	205-1	17921	18297	17187	17802	3.17	cps
Thorium	232-1	25414	24195	23950	24520	3.20	cps
Tin	118-1	29674	29682	29315	29557	0.71	cps
Titanium	47-1	4109	3909	4192	4070	3.58	cps
Uranium	238-1	24224	23856	23606	23895	1.30	cps
Vanadium	51-2	6565	6535	6508	6536	0.43	cps
Yttrium	89-1	20957884	20771061	20808854	20845933	0.47	cps
Yttrium	89-2	2727081	2744971	2720659	2730904	0.46	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:42:11	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	910	963	937	937	2.85	cps
Zirconium	90-1	11105	10830	10813	10916	1.50	cps
Zirconium	91-1	2575	2425	2159	2386	8.85	cps

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : PB122367BL Instrumnet Name : P7
 Client Sample ID : PB122367BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 12:45:47 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	67	42	52.92	cps
Antimony	121-1	417	533	583	511	16.73	cps
Arsenic	75-2	2	7	11	7	68.65	cps
Barium	135-1	42	33	17	31	41.66	cps
Barium	137-1	75	67	42	61	28.38	cps
Beryllium	9-1	83	80	70	78	8.92	cps
Bismuth	209-1	7194652	7198468	7254976	7216032	0.47	cps
Bismuth	209-2	4268052	4338898	4325675	4310875	0.87	cps
Boron	10-1	2309	2209	2275	2264	2.25	cps
Boron	11-1	10245	9770	9862	9959	2.53	cps
Cadmium	111-1	4929	4918	4845	4897	0.93	cps
Cadmium	106-1	7010	7010	6894	6971	0.97	cps
Cadmium	108-1	29	21	8	19	53.95	cps
Calcium	43-1	133	117	150	133	12.50	cps
Calcium	44-1	7128	7645	7128	7300	4.09	cps
Chromium	52-2	287	280	243	270	8.64	cps
Cobalt	59-2	23	27	37	29	24.03	cps
Copper	63-2	553	627	547	576	7.71	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	17	27	13	19	36.75	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	53	43	63	53	18.75	cps
Gadolinium	160-1	125	42	25	64	83.86	cps
Gadolinium	160-2	200	197	197	198	0.97	cps
Holmium	165-1	10979632	10973385	11096292	11016436	0.63	cps
Holmium	165-2	5707182	5803760	5755000	5755314	0.84	cps
Indium	115-1	8535183	8500084	8526777	8520681	0.22	cps
Indium	115-2	1654059	1683211	1673187	1670152	0.89	cps
Iron	56-2	2372	2784	2495	2550	8.28	cps
Iron	57-2	61	111	139	104	38.01	cps
Krypton	83-1	147	183	157	162	11.68	cps
Lead	206-1	767	911	850	843	8.61	cps
Lead	207-1	800	739	856	798	7.31	cps
Lead	208-1	3000	3061	3234	3098	3.91	cps
Lithium	6-1	2519074	2519261	2544613	2527650	0.58	cps
Magnesium	24-2	208	167	175	183	12.03	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	PB122367BL	Instrumnet Name :	P7
Client Sample ID :	PB122367BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:45:47	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	27	27	28	6.92	cps
Molybdenum	94-1	317	508	567	464	28.19	cps
Molybdenum	95-1	242	258	275	258	6.45	cps
Molybdenum	96-1	242	300	392	311	24.31	cps
Molybdenum	97-1	158	125	175	153	16.66	cps
Molybdenum	98-1	325	325	392	347	11.09	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	50	83	60	64	26.55	cps
Phosphorus	31-2	133	117	58	103	38.31	cps
Potassium	39-2	9737	10012	9962	9904	1.48	cps
Rhodium	103-1	7485800	7425394	7485480	7465558	0.47	cps
Rhodium	103-2	3404786	3480053	3440468	3441769	1.09	cps
Scandium	45-1	4716324	4736707	4749123	4734051	0.35	cps
Scandium	45-2	188023	191460	188964	189482	0.94	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	41	41	41	41	0.00	cps
Selenium	82-1	118	73	59	83	36.35	cps
Silicon	28-1	90105	92158	92552	91605	1.43	cps
Silver	109-1	158	192	183	178	9.76	cps
Silver	107-1	250	208	192	217	13.87	cps
Sodium	23-2	8144	7994	8194	8111	1.28	cps
Strontium	86-1	192	342	358	297	30.88	cps
Strontium	88-1	108	117	100	108	7.69	cps
Sulfur	34-1	192156	188241	187920	189439	1.25	cps
Terbium	159-1	11328884	11316892	11391963	11345913	0.36	cps
Terbium	159-2	5532177	5636807	5598500	5589161	0.95	cps
Thallium	203-1	833	875	750	820	7.77	cps
Thallium	205-1	1542	1325	1692	1520	12.13	cps
Thorium	232-1	2828	2595	2500	2641	6.39	cps
Tin	118-1	1242	1392	1317	1317	5.70	cps
Titanium	47-1	50	50	83	61	31.50	cps
Uranium	238-1	2567	2350	2717	2545	7.24	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Yttrium	89-1	20502506	20433537	20529192	20488412	0.24	cps
Yttrium	89-2	2756512	2803374	2777496	2779128	0.84	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	PB122367BL	Instrumnet Name :	P7
Client Sample ID :	PB122367BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:45:47	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	290	303	233	276	13.49	cps
Zirconium	90-1	850	933	783	856	8.78	cps
Zirconium	91-1	242	242	125	203	33.22	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	PB122367BS	Instrumnet Name :	P7
Client Sample ID :	PB122367BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:49:24	DataFile Name :	021DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	498493	500786	497939	499072	0.30	cps
Antimony	121-1	3053687	3073328	3057760	3061592	0.34	cps
Arsenic	75-2	87966	87794	87734	87831	0.14	cps
Barium	135-1	3952769	3959512	3953616	3955299	0.09	cps
Barium	137-1	7054741	7037368	7042805	7044972	0.13	cps
Beryllium	9-1	644295	639008	634999	639434	0.73	cps
Bismuth	209-1	6970427	6985480	7039270	6998392	0.52	cps
Bismuth	209-2	4095878	4119145	4106944	4107322	0.28	cps
Boron	10-1	94159	97647	97882	96563	2.16	cps
Boron	11-1	427188	435929	442205	435107	1.73	cps
Cadmium	111-1	880691	883425	880890	881669	0.17	cps
Cadmium	106-1	102268	102594	101252	102038	0.69	cps
Cadmium	108-1	66510	65957	66208	66225	0.42	cps
Calcium	43-1	874468	864624	867424	868838	0.58	cps
Calcium	44-1	14494353	14373692	14390101	14419382	0.45	cps
Chromium	52-2	734561	739262	742815	738879	0.56	cps
Cobalt	59-2	1223591	1226747	1226283	1225540	0.14	cps
Copper	63-2	1715179	1725742	1707436	1716119	0.54	cps
Dysprosium	156-1	108	125	83	106	19.87	cps
Dysprosium	156-2	140	83	137	120	26.50	cps
Erbium	164-1	75	25	108	69	60.40	cps
Erbium	164-2	80	70	57	69	16.99	cps
Gadolinium	160-1	100	100	100	100	0.01	cps
Gadolinium	160-2	173	240	160	191	22.43	cps
Holmium	165-1	10991293	11008718	11168045	11056018	0.88	cps
Holmium	165-2	5688693	5669983	5623272	5660649	0.60	cps
Indium	115-1	8050524	7911699	8032604	7998276	0.94	cps
Indium	115-2	1536318	1549342	1536668	1540776	0.48	cps
Iron	56-2	32905053	32840374	32635676	32793701	0.43	cps
Iron	57-2	815048	818036	813461	815515	0.28	cps
Krypton	83-1	233	163	147	181	25.39	cps
Lead	206-1	2827990	2786194	2813689	2809291	0.76	cps
Lead	207-1	2459751	2430567	2462031	2450783	0.72	cps
Lead	208-1	11126211	11282071	11373299	11260527	1.11	cps
Lithium	6-1	2439862	2418140	2431569	2429857	0.45	cps
Magnesium	24-2	5916227	5876333	5840459	5877673	0.64	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	PB122367BS	Instrumnet Name :	P7
Client Sample ID :	PB122367BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:49:24	DataFile Name :	021DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	947472	946613	942006	945364	0.31	cps
Molybdenum	94-1	6393809	6360718	6384022	6379516	0.27	cps
Molybdenum	95-1	8018934	7938703	7964450	7974029	0.51	cps
Molybdenum	96-1	8855287	8762578	8833275	8817047	0.55	cps
Molybdenum	97-1	4849527	4807663	4805245	4820812	0.52	cps
Molybdenum	98-1	12802102	12763535	12753959	12773199	0.20	cps
Neodymium	150-1	413	267	293	324	24.08	cps
Neodymium	150-2	67	50	37	51	29.41	cps
Nickel	60-2	317134	317444	314749	316443	0.47	cps
Phosphorus	31-2	26900	27434	25840	26725	3.04	cps
Potassium	39-2	2725324	2712311	2691246	2709627	0.63	cps
Rhodium	103-1	6831069	6718786	6816574	6788810	0.90	cps
Rhodium	103-2	3112768	3136346	3105605	3118240	0.52	cps
Scandium	45-1	4440092	4381298	4443251	4421547	0.79	cps
Scandium	45-2	175435	175172	173177	174595	0.71	cps
Selenium	77-2	2744	2760	2774	2759	0.54	cps
Selenium	78-2	8979	9222	9309	9170	1.86	cps
Selenium	82-1	64991	65265	64596	64951	0.52	cps
Silicon	28-1	1951654	1971558	1977920	1967044	0.70	cps
Silver	109-1	3759731	3746894	3745734	3750786	0.21	cps
Silver	107-1	3934310	3886843	3891758	3904304	0.67	cps
Sodium	23-2	10986199	10960949	10922753	10956634	0.29	cps
Strontium	86-1	987079	979373	971051	979168	0.82	cps
Strontium	88-1	8784633	8784522	8709881	8759679	0.49	cps
Sulfur	34-1	493745	488018	479200	486988	1.50	cps
Terbium	159-1	11268330	11242991	11376249	11295857	0.63	cps
Terbium	159-2	5456020	5462650	5454345	5457671	0.08	cps
Thallium	203-1	3451388	3464585	3432965	3449646	0.46	cps
Thallium	205-1	8496679	8475112	8491792	8487861	0.13	cps
Thorium	232-1	11801113	11923374	11927868	11884118	0.61	cps
Tin	118-1	2676231	2675203	2665990	2672475	0.21	cps
Titanium	47-1	1881450	1866785	1861916	1870050	0.54	cps
Uranium	238-1	11404074	11319387	11350674	11358045	0.38	cps
Vanadium	51-2	592847	593766	587666	591426	0.56	cps
Yttrium	89-1	19429256	19220964	19414518	19354913	0.60	cps
Yttrium	89-2	2588385	2610195	2593290	2597290	0.44	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	PB122367BS	Instrumnet Name :	P7
Client Sample ID :	PB122367BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:49:24	DataFile Name :	021DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	294900	294276	292528	293901	0.42	cps
Zirconium	90-1	5195139	5207674	5161623	5188145	0.46	cps
Zirconium	91-1	1121743	1122048	1113320	1119037	0.44	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01	Instrumnet Name :	P7
Client Sample ID :	390815014	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:53:05	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6101	5668	6085	5951	4.13	cps
Antimony	121-1	3884	3592	3842	3773	4.18	cps
Arsenic	75-2	57	48	31	46	28.77	cps
Barium	135-1	17770	17353	16477	17200	3.84	cps
Barium	137-1	30117	30794	29432	30114	2.26	cps
Beryllium	9-1	273	300	203	259	19.28	cps
Bismuth	209-1	7079001	6988029	7057265	7041432	0.67	cps
Bismuth	209-2	4091037	4090896	4095222	4092385	0.06	cps
Boron	10-1	6260	6677	6277	6404	3.69	cps
Boron	11-1	29313	27234	27150	27899	4.39	cps
Cadmium	111-1	5260	4828	4743	4944	5.61	cps
Cadmium	106-1	6760	6243	6177	6393	5.00	cps
Cadmium	108-1	79	96	38	71	42.42	cps
Calcium	43-1	214761	212884	212134	213260	0.63	cps
Calcium	44-1	3466788	3466841	3438108	3457246	0.48	cps
Chromium	52-2	627	667	577	623	7.23	cps
Cobalt	59-2	507	537	433	492	10.80	cps
Copper	63-2	511405	512648	510546	511533	0.21	cps
Dysprosium	156-1	100	150	92	114	27.70	cps
Dysprosium	156-2	83	73	100	86	15.75	cps
Erbium	164-1	125	142	167	144	14.52	cps
Erbium	164-2	110	110	103	108	3.57	cps
Gadolinium	160-1	175	83	200	153	40.20	cps
Gadolinium	160-2	260	270	250	260	3.85	cps
Holmium	165-1	10872848	10790993	10755560	10806467	0.56	cps
Holmium	165-2	5427255	5452057	5450431	5443248	0.25	cps
Indium	115-1	8025582	7991900	7995710	8004397	0.23	cps
Indium	115-2	1533637	1540326	1546826	1540263	0.43	cps
Iron	56-2	79112	76660	75980	77251	2.13	cps
Iron	57-2	3162	3128	3034	3108	2.13	cps
Krypton	83-1	200	153	217	190	17.28	cps
Lead	206-1	28319	27351	26666	27445	3.03	cps
Lead	207-1	24312	22859	22659	23276	3.88	cps
Lead	208-1	106925	104812	103480	105072	1.65	cps
Lithium	6-1	2389671	2365906	2370901	2375493	0.53	cps
Magnesium	24-2	373785	371206	372032	372341	0.35	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01	Instrumnet Name :	P7
Client Sample ID :	390815014	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:53:05	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	399714	399408	398894	399339	0.10	cps
Molybdenum	94-1	4476	4167	3934	4192	6.48	cps
Molybdenum	95-1	3834	3684	2609	3376	19.80	cps
Molybdenum	96-1	4734	4309	3659	4234	12.79	cps
Molybdenum	97-1	2459	2184	1792	2145	15.62	cps
Molybdenum	98-1	6377	5576	5351	5768	9.34	cps
Neodymium	150-1	120	80	147	116	29.04	cps
Neodymium	150-2	43	50	70	54	25.49	cps
Nickel	60-2	17921	18108	18142	18057	0.66	cps
Phosphorus	31-2	1442	1292	1242	1325	7.86	cps
Potassium	39-2	79236	81188	79740	80055	1.27	cps
Rhodium	103-1	6859323	6841816	6879057	6860066	0.27	cps
Rhodium	103-2	3130149	3132189	3141810	3134716	0.20	cps
Scandium	45-1	4276778	4231979	4266954	4258571	0.55	cps
Scandium	45-2	169806	171402	170387	170532	0.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	31	43	40	19.22	cps
Selenium	82-1	63	121	49	77	49.19	cps
Silicon	28-1	9968937	9950050	9992678	9970555	0.21	cps
Silver	109-1	1467	933	833	1078	31.59	cps
Silver	107-1	1533	1442	1175	1383	13.46	cps
Sodium	23-2	5062710	5040448	5041501	5048220	0.25	cps
Strontium	86-1	65817	64839	64705	65120	0.93	cps
Strontium	88-1	574034	561585	566929	567516	1.10	cps
Sulfur	34-1	243587	244238	244831	244219	0.25	cps
Terbium	159-1	11111993	10997056	11037956	11049002	0.53	cps
Terbium	159-2	5293915	5337047	5335069	5322010	0.46	cps
Thallium	203-1	2150	1942	1609	1900	14.38	cps
Thallium	205-1	4859	4151	3451	4154	16.96	cps
Thorium	232-1	7919	7814	7291	7675	4.38	cps
Tin	118-1	3651	3726	3150	3509	8.91	cps
Titanium	47-1	2442	2159	2234	2278	6.45	cps
Uranium	238-1	6352	5710	4951	5671	12.36	cps
Vanadium	51-2	207	187	177	190	8.04	cps
Yttrium	89-1	19144796	19024478	19080298	19083191	0.32	cps
Yttrium	89-2	2540852	2551961	2552958	2548590	0.26	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01	Instrumnet Name :	P7
Client Sample ID :	390815014	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 12:53:05	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	114589	114199	113624	114137	0.43	cps
Zirconium	90-1	6202	5893	5401	5832	6.92	cps
Zirconium	91-1	1408	1233	1117	1253	11.72	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01DUP	Instrumnet Name :	P7
Client Sample ID :	390815014DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:00:43	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5668	5368	5960	5665	5.22	cps
Antimony	121-1	1008	1283	1267	1186	13.00	cps
Arsenic	75-2	57	48	48	51	10.43	cps
Barium	135-1	16118	15835	16293	16082	1.44	cps
Barium	137-1	27946	28831	28455	28410	1.56	cps
Beryllium	9-1	73	67	80	73	9.09	cps
Bismuth	209-1	6763261	6796610	6877053	6812308	0.86	cps
Bismuth	209-2	4065685	4086377	4075254	4075772	0.25	cps
Boron	10-1	3684	3634	3684	3667	0.79	cps
Boron	11-1	15992	15450	15784	15742	1.74	cps
Cadmium	111-1	4586	4439	4405	4476	2.15	cps
Cadmium	106-1	6185	6035	5918	6046	2.21	cps
Cadmium	108-1	63	75	54	64	16.41	cps
Calcium	43-1	210545	212048	209488	210694	0.61	cps
Calcium	44-1	3394696	3437974	3399399	3410690	0.70	cps
Chromium	52-2	480	513	487	493	3.58	cps
Cobalt	59-2	350	403	393	382	7.42	cps
Copper	63-2	512741	518153	516567	515820	0.54	cps
Dysprosium	156-1	92	75	108	92	18.18	cps
Dysprosium	156-2	70	97	83	83	16.00	cps
Erbium	164-1	192	167	158	172	10.07	cps
Erbium	164-2	123	127	150	133	10.89	cps
Gadolinium	160-1	158	233	142	178	27.47	cps
Gadolinium	160-2	220	290	227	246	15.73	cps
Holmium	165-1	10437739	10612943	10557876	10536186	0.85	cps
Holmium	165-2	5423751	5506343	5476804	5468966	0.77	cps
Indium	115-1	7828002	7899740	7917783	7881842	0.60	cps
Indium	115-2	1534148	1550749	1553423	1546107	0.68	cps
Iron	56-2	72674	75002	72914	73530	1.74	cps
Iron	57-2	3262	3262	2711	3078	10.32	cps
Krypton	83-1	110	157	140	136	17.45	cps
Lead	206-1	25753	26026	24990	25590	2.10	cps
Lead	207-1	21000	21418	21685	21368	1.61	cps
Lead	208-1	98209	99111	98460	98593	0.47	cps
Lithium	6-1	2337059	2359907	2364475	2353814	0.62	cps
Magnesium	24-2	375266	379221	376664	377050	0.53	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01DUP	Instrumnet Name :	P7
Client Sample ID :	390815014DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:00:43	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	398951	403629	404503	402361	0.74	cps
Molybdenum	94-1	1959	2025	1834	1939	5.02	cps
Molybdenum	95-1	575	708	467	583	20.75	cps
Molybdenum	96-1	908	808	800	839	7.19	cps
Molybdenum	97-1	358	342	258	319	16.77	cps
Molybdenum	98-1	1000	950	833	928	9.22	cps
Neodymium	150-1	120	127	133	127	5.27	cps
Neodymium	150-2	77	53	50	60	24.22	cps
Nickel	60-2	18525	18415	18125	18355	1.13	cps
Phosphorus	31-2	1208	1575	1233	1339	15.30	cps
Potassium	39-2	79891	81407	80821	80706	0.95	cps
Rhodium	103-1	6722729	6770820	6758640	6750729	0.37	cps
Rhodium	103-2	3147940	3160402	3178926	3162423	0.49	cps
Scandium	45-1	4173052	4230691	4211337	4205027	0.70	cps
Scandium	45-2	171411	173283	173105	172600	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	33	46	40	16.22	cps
Selenium	82-1	144	110	128	127	13.48	cps
Silicon	28-1	9851914	9919558	9855153	9875542	0.39	cps
Silver	109-1	300	350	358	336	9.39	cps
Silver	107-1	500	533	492	508	4.34	cps
Sodium	23-2	5073370	5102198	5106367	5093978	0.35	cps
Strontium	86-1	62746	64948	64244	63979	1.76	cps
Strontium	88-1	559489	553940	560416	557948	0.63	cps
Sulfur	34-1	251498	249149	247370	249339	0.83	cps
Terbium	159-1	10691309	10802557	10821667	10771844	0.65	cps
Terbium	159-2	5291710	5331301	5360835	5327949	0.65	cps
Thallium	203-1	733	600	900	745	20.19	cps
Thallium	205-1	1442	1517	1258	1406	9.46	cps
Thorium	232-1	2956	2889	3139	2995	4.32	cps
Tin	118-1	2309	1984	2292	2195	8.34	cps
Titanium	47-1	1583	1784	1600	1656	6.70	cps
Uranium	238-1	2942	3025	2600	2856	7.89	cps
Vanadium	51-2	137	140	133	137	2.44	cps
Yttrium	89-1	18690681	18806779	18832279	18776580	0.40	cps
Yttrium	89-2	2550910	2580158	2580596	2570554	0.66	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01DUP	Instrumnet Name :	P7
Client Sample ID :	390815014DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:00:43	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	112231	114017	113755	113334	0.85	cps
Zirconium	90-1	4734	4726	4643	4701	1.08	cps
Zirconium	91-1	1008	942	1017	989	4.16	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01LX5	Instrumnet Name :	P7
Client Sample ID :	390815014L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-19 13:04:20	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1108	1317	1192	1206	8.70	cps
Antimony	121-1	467	433	508	469	8.01	cps
Arsenic	75-2	4	11	11	9	49.52	cps
Barium	135-1	3201	3075	3401	3226	5.08	cps
Barium	137-1	5368	5643	5843	5618	4.25	cps
Beryllium	9-1	93	60	83	79	21.69	cps
Bismuth	209-1	7139178	7112878	7139329	7130462	0.21	cps
Bismuth	209-2	4161304	4163269	4203117	4175897	0.56	cps
Boron	10-1	1992	1850	1825	1889	4.76	cps
Boron	11-1	8486	8253	8478	8405	1.58	cps
Cadmium	111-1	4412	4551	4610	4524	2.26	cps
Cadmium	106-1	6202	6393	6510	6368	2.45	cps
Cadmium	108-1	13	29	25	22	39.04	cps
Calcium	43-1	41960	42537	42378	42292	0.70	cps
Calcium	44-1	704084	700698	703062	702615	0.25	cps
Chromium	52-2	327	300	297	308	5.34	cps
Cobalt	59-2	57	103	80	80	29.17	cps
Copper	63-2	105674	106111	106349	106045	0.32	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	40	30	27	32	21.53	cps
Erbium	164-1	83	100	133	106	24.12	cps
Erbium	164-2	67	73	90	77	15.68	cps
Gadolinium	160-1	117	83	117	106	18.23	cps
Gadolinium	160-2	243	207	213	221	8.83	cps
Holmium	165-1	10849702	10850936	10924618	10875085	0.39	cps
Holmium	165-2	5518462	5550650	5603352	5557488	0.77	cps
Indium	115-1	8101954	8139681	8173934	8138523	0.44	cps
Indium	115-2	1571430	1593717	1585329	1583492	0.71	cps
Iron	56-2	16871	16454	16554	16626	1.31	cps
Iron	57-2	656	767	606	676	12.20	cps
Krypton	83-1	150	177	167	164	8.19	cps
Lead	206-1	6191	6107	5974	6090	1.80	cps
Lead	207-1	4907	4957	4884	4916	0.75	cps
Lead	208-1	23147	22614	22347	22703	1.80	cps
Lithium	6-1	2379523	2384490	2391975	2385329	0.26	cps
Magnesium	24-2	75038	75910	75943	75630	0.68	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01LX5	Instrumnet Name :	P7
Client Sample ID :	390815014L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-19 13:04:20	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81739	82288	81772	81933	0.38	cps
Molybdenum	94-1	617	608	658	628	4.27	cps
Molybdenum	95-1	200	167	283	217	27.74	cps
Molybdenum	96-1	317	275	333	308	9.75	cps
Molybdenum	97-1	125	125	142	131	7.37	cps
Molybdenum	98-1	383	258	308	317	19.87	cps
Neodymium	150-1	13	47	53	38	56.74	cps
Neodymium	150-2	37	23	17	26	39.85	cps
Nickel	60-2	3751	3814	3701	3755	1.51	cps
Phosphorus	31-2	383	367	383	378	2.55	cps
Potassium	39-2	23336	22885	23978	23400	2.35	cps
Rhodium	103-1	7041748	6994048	7088876	7041557	0.67	cps
Rhodium	103-2	3244249	3258710	3273493	3258818	0.45	cps
Scandium	45-1	4295809	4299882	4329641	4308444	0.43	cps
Scandium	45-2	174048	175718	175063	174943	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	39	28	40	30.49	cps
Selenium	82-1	133	91	96	107	21.20	cps
Silicon	28-1	2091289	2085167	2094716	2090391	0.23	cps
Silver	109-1	142	108	142	131	14.74	cps
Silver	107-1	175	250	183	203	20.27	cps
Sodium	23-2	1011944	1011670	1014770	1012795	0.17	cps
Strontium	86-1	13432	12906	13056	13132	2.06	cps
Strontium	88-1	113169	113539	113907	113539	0.33	cps
Sulfur	34-1	177318	179956	178657	178644	0.74	cps
Terbium	159-1	11153172	11129778	11112234	11131728	0.18	cps
Terbium	159-2	5425381	5407255	5419834	5417490	0.17	cps
Thallium	203-1	792	617	642	683	13.85	cps
Thallium	205-1	1017	958	1017	997	3.38	cps
Thorium	232-1	2534	2545	2656	2578	2.62	cps
Tin	118-1	1367	1308	1367	1347	2.50	cps
Titanium	47-1	342	350	517	403	24.51	cps
Uranium	238-1	2725	2825	2784	2778	1.81	cps
Vanadium	51-2	37	17	33	29	37.08	cps
Yttrium	89-1	19306103	19323410	19413251	19347588	0.30	cps
Yttrium	89-2	2608026	2619920	2628473	2618806	0.39	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01LX5	Instrumnet Name :	P7
Client Sample ID :	390815014L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-19 13:04:20	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24037	24047	24461	24181	1.00	cps
Zirconium	90-1	1734	1467	1508	1570	9.14	cps
Zirconium	91-1	242	367	350	319	21.25	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MS	Instrumnet Name :	P7
Client Sample ID :	390815014MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:07:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100930	100302	100578	100603	0.31	cps
Antimony	121-1	4816570	4818508	4851903	4828994	0.41	cps
Arsenic	75-2	141011	144149	143180	142780	1.13	cps
Barium	135-1	339324	337481	340760	339188	0.48	cps
Barium	137-1	590600	590099	595442	592047	0.50	cps
Beryllium	9-1	250229	250865	251674	250923	0.29	cps
Bismuth	209-1	6998286	7022274	7068327	7029629	0.51	cps
Bismuth	209-2	4110092	4144622	4143488	4132734	0.47	cps
Boron	10-1	56306	58196	60539	58347	3.63	cps
Boron	11-1	258614	265482	271898	265331	2.50	cps
Cadmium	111-1	355821	354673	355585	355360	0.17	cps
Cadmium	106-1	37108	37158	36915	37060	0.35	cps
Cadmium	108-1	23144	23816	23824	23595	1.65	cps
Calcium	43-1	227913	228791	228835	228513	0.23	cps
Calcium	44-1	3682927	3714938	3692147	3696671	0.45	cps
Chromium	52-2	591256	599305	597761	596107	0.72	cps
Cobalt	59-2	503510	507913	510903	507442	0.73	cps
Copper	63-2	1047820	1057738	1057752	1054437	0.54	cps
Dysprosium	156-1	398951	395721	395626	396766	0.48	cps
Dysprosium	156-2	124527	126552	125048	125376	0.84	cps
Erbium	164-1	133	300	183	206	41.61	cps
Erbium	164-2	123	120	117	120	2.78	cps
Gadolinium	160-1	242	358	250	283	22.97	cps
Gadolinium	160-2	260	327	310	299	11.61	cps
Holmium	165-1	10823576	10889163	10929944	10880894	0.49	cps
Holmium	165-2	5520016	5605809	5567693	5564506	0.77	cps
Indium	115-1	7966330	7931910	7953384	7950541	0.22	cps
Indium	115-2	1526286	1551646	1537509	1538480	0.83	cps
Iron	56-2	4044395	4092849	4076701	4071315	0.61	cps
Iron	57-2	103300	103216	104676	103731	0.79	cps
Krypton	83-1	183	167	163	171	6.26	cps
Lead	206-1	5561738	5597949	5650698	5603462	0.80	cps
Lead	207-1	4888772	4905363	4917462	4903866	0.29	cps
Lead	208-1	22742872	22806336	22966048	22838419	0.50	cps
Lithium	6-1	2410790	2423025	2419057	2417624	0.26	cps
Magnesium	24-2	602928	605998	603981	604302	0.26	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MS	Instrumnet Name :	P7
Client Sample ID :	390815014MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:07:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	582791	590845	588935	587524	0.72	cps
Molybdenum	94-1	652517	653490	650230	652079	0.26	cps
Molybdenum	95-1	1143829	1148900	1145093	1145941	0.23	cps
Molybdenum	96-1	1220683	1220389	1226410	1222494	0.28	cps
Molybdenum	97-1	718030	718505	722630	719722	0.35	cps
Molybdenum	98-1	1838526	1862791	1843368	1848228	0.69	cps
Neodymium	150-1	227	193	147	189	21.28	cps
Neodymium	150-2	53	63	77	64	18.17	cps
Nickel	60-2	345022	349242	349242	347835	0.70	cps
Phosphorus	31-2	17252	17820	17728	17600	1.73	cps
Potassium	39-2	1172832	1177548	1167372	1172584	0.43	cps
Rhodium	103-1	6819903	6837483	6794303	6817229	0.32	cps
Rhodium	103-2	3134852	3204928	3178747	3172842	1.12	cps
Scandium	45-1	4256475	4242542	4225127	4241382	0.37	cps
Scandium	45-2	171324	172245	171890	171820	0.27	cps
Selenium	77-2	10958	10911	10994	10954	0.38	cps
Selenium	78-2	37001	36964	37138	37034	0.25	cps
Selenium	82-1	252538	257143	257349	255677	1.06	cps
Silicon	28-1	12948521	13050902	13122246	13040556	0.67	cps
Silver	109-1	570655	562616	569023	567431	0.75	cps
Silver	107-1	592152	589678	592518	591450	0.26	cps
Sodium	23-2	5688639	5752649	5734668	5725319	0.58	cps
Strontium	86-1	459202	459723	458924	459283	0.09	cps
Strontium	88-1	3963286	3990159	3992921	3982122	0.41	cps
Sulfur	34-1	239707	236438	237066	237737	0.73	cps
Terbium	159-1	11072466	11100736	11177459	11116887	0.49	cps
Terbium	159-2	5374581	5481274	5449166	5435007	1.01	cps
Thallium	203-1	14116606	14253932	14358478	14243005	0.85	cps
Thallium	205-1	33860509	33941441	34348265	34050072	0.77	cps
Thorium	232-1	3806	3828	3623	3753	3.01	cps
Tin	118-1	3720738	3704311	3715369	3713473	0.23	cps
Titanium	47-1	152689	149289	149963	150647	1.20	cps
Uranium	238-1	2817	2534	2742	2698	5.44	cps
Vanadium	51-2	354605	359993	358423	357674	0.77	cps
Yttrium	89-1	19088633	19051656	19096735	19079008	0.13	cps
Yttrium	89-2	2561342	2606060	2584557	2583986	0.87	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MS	Instrumnet Name :	P7
Client Sample ID :	390815014MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:07:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	172856	177625	174991	175157	1.36	cps
Zirconium	90-1	7110	7044	7269	7141	1.62	cps
Zirconium	91-1	2075	2034	2050	2053	1.02	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MSD	Instrumnet Name :	P7
Client Sample ID :	390815014MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:11:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102290	102601	102023	102305	0.28	cps
Antimony	121-1	5009645	5000623	4973966	4994745	0.37	cps
Arsenic	75-2	143950	143183	143905	143679	0.30	cps
Barium	135-1	352090	349021	348113	349741	0.60	cps
Barium	137-1	609357	609294	608629	609093	0.07	cps
Beryllium	9-1	259168	258966	255833	257989	0.72	cps
Bismuth	209-1	7103884	7135921	7162172	7133992	0.41	cps
Bismuth	209-2	4135936	4164845	4184821	4161867	0.59	cps
Boron	10-1	60765	62957	62597	62106	1.89	cps
Boron	11-1	280788	287312	284532	284211	1.15	cps
Cadmium	111-1	368310	362478	364652	365147	0.81	cps
Cadmium	106-1	38871	38178	40100	39049	2.49	cps
Cadmium	108-1	23595	24000	23925	23840	0.90	cps
Calcium	43-1	237181	233913	233821	234972	0.81	cps
Calcium	44-1	3806782	3802494	3762768	3790681	0.64	cps
Chromium	52-2	602387	604046	608402	604945	0.51	cps
Cobalt	59-2	511058	511572	516759	513130	0.61	cps
Copper	63-2	1060692	1066154	1067542	1064796	0.34	cps
Dysprosium	156-1	407520	405069	399699	404096	0.99	cps
Dysprosium	156-2	124846	124154	125426	124809	0.51	cps
Erbium	164-1	108	175	150	144	23.32	cps
Erbium	164-2	143	157	167	156	7.52	cps
Gadolinium	160-1	225	267	250	247	8.48	cps
Gadolinium	160-2	317	313	263	298	10.03	cps
Holmium	165-1	10997675	11049219	11070719	11039204	0.34	cps
Holmium	165-2	5610744	5574522	5651755	5612340	0.69	cps
Indium	115-1	7993374	7991871	8049320	8011521	0.41	cps
Indium	115-2	1527189	1537445	1560573	1541736	1.11	cps
Iron	56-2	4073910	4091844	4125541	4097098	0.64	cps
Iron	57-2	103960	104917	105706	104861	0.83	cps
Krypton	83-1	183	193	143	173	15.26	cps
Lead	206-1	5962239	5744205	6009800	5905415	2.40	cps
Lead	207-1	5036775	5022359	5034185	5031107	0.15	cps
Lead	208-1	23650525	23470308	23727793	23616209	0.56	cps
Lithium	6-1	2439743	2442971	2456051	2446255	0.35	cps
Magnesium	24-2	607429	608804	618018	611417	0.94	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MSD	Instrumnet Name :	P7
Client Sample ID :	390815014MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:11:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	591369	588282	593698	591116	0.46	cps
Molybdenum	94-1	670110	671936	664163	668736	0.61	cps
Molybdenum	95-1	1179775	1179392	1173837	1177668	0.28	cps
Molybdenum	96-1	1258761	1256091	1262036	1258963	0.24	cps
Molybdenum	97-1	741366	731399	741400	738055	0.78	cps
Molybdenum	98-1	1906996	1891288	1912101	1903462	0.57	cps
Neodymium	150-1	180	153	187	173	10.18	cps
Neodymium	150-2	77	87	83	82	6.19	cps
Nickel	60-2	351476	350132	352129	351246	0.29	cps
Phosphorus	31-2	17578	17369	17903	17617	1.53	cps
Potassium	39-2	1174828	1184038	1199316	1186061	1.04	cps
Rhodium	103-1	6916534	6929601	6985850	6943995	0.53	cps
Rhodium	103-2	3160813	3160987	3183971	3168590	0.42	cps
Scandium	45-1	4283304	4261302	4282186	4275597	0.29	cps
Scandium	45-2	171624	172494	175054	173057	1.03	cps
Selenium	77-2	11008	11008	11468	11161	2.38	cps
Selenium	78-2	36667	36663	37433	36921	1.20	cps
Selenium	82-1	262514	261652	259763	261310	0.54	cps
Silicon	28-1	13412904	13470865	13385747	13423172	0.32	cps
Silver	109-1	587878	581698	580729	583435	0.66	cps
Silver	107-1	606607	602686	607627	605640	0.43	cps
Sodium	23-2	5774109	5770328	5817624	5787354	0.45	cps
Strontium	86-1	473402	471657	462115	469058	1.30	cps
Strontium	88-1	4080535	4089545	4057592	4075891	0.40	cps
Sulfur	34-1	237819	236298	233401	235839	0.95	cps
Terbium	159-1	11179219	11295404	11349712	11274778	0.77	cps
Terbium	159-2	5405090	5422937	5452152	5426726	0.44	cps
Thallium	203-1	14768169	14637451	14614794	14673472	0.56	cps
Thallium	205-1	35124698	35214923	35196053	35178558	0.14	cps
Thorium	232-1	3351	3178	3428	3319	3.86	cps
Tin	118-1	3837659	3815868	3801971	3818499	0.47	cps
Titanium	47-1	155486	154957	154088	154844	0.46	cps
Uranium	238-1	2775	2800	2759	2778	0.76	cps
Vanadium	51-2	360897	361966	364909	362591	0.57	cps
Yttrium	89-1	19272937	19345242	19429143	19349107	0.40	cps
Yttrium	89-2	2580310	2585461	2605612	2590461	0.52	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01MSD	Instrumnet Name :	P7
Client Sample ID :	390815014MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:11:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	174873	175709	178431	176338	1.06	cps
Zirconium	90-1	6026	6077	6002	6035	0.63	cps
Zirconium	91-1	1875	1900	2100	1959	6.30	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01A	Instrumnet Name :	P7
Client Sample ID :	390815014A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:15:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102668	100503	101761	101644	1.07	cps
Antimony	121-1	5003537	5027174	5034839	5021850	0.32	cps
Arsenic	75-2	144478	142970	145910	144453	1.02	cps
Barium	135-1	353552	352007	351616	352392	0.29	cps
Barium	137-1	609800	607924	616164	611296	0.71	cps
Beryllium	9-1	258097	258958	258281	258445	0.18	cps
Bismuth	209-1	7143200	7207662	7257147	7202670	0.79	cps
Bismuth	209-2	4118448	4124868	4152611	4131976	0.44	cps
Boron	10-1	62396	62353	63969	62906	1.46	cps
Boron	11-1	282681	293151	294239	290024	2.20	cps
Cadmium	111-1	366721	368307	367339	367456	0.22	cps
Cadmium	106-1	38946	38704	38612	38754	0.45	cps
Cadmium	108-1	24392	24384	24163	24313	0.54	cps
Calcium	43-1	237958	238848	239442	238749	0.31	cps
Calcium	44-1	3841980	3832443	3865232	3846552	0.44	cps
Chromium	52-2	603481	603477	609994	605650	0.62	cps
Cobalt	59-2	514002	512745	519209	515319	0.67	cps
Copper	63-2	1058688	1062439	1076899	1066009	0.90	cps
Dysprosium	156-1	403670	408185	404025	405293	0.62	cps
Dysprosium	156-2	123972	124373	126528	124958	1.10	cps
Erbium	164-1	233	183	192	203	13.21	cps
Erbium	164-2	130	133	110	124	10.14	cps
Gadolinium	160-1	208	300	183	231	26.64	cps
Gadolinium	160-2	270	293	253	272	7.38	cps
Holmium	165-1	11112661	11193034	11202717	11169471	0.44	cps
Holmium	165-2	5513150	5544920	5644804	5567625	1.23	cps
Indium	115-1	8148187	8148257	8175131	8157192	0.19	cps
Indium	115-2	1523439	1523577	1541046	1529354	0.66	cps
Iron	56-2	4103824	4070258	4135324	4103135	0.79	cps
Iron	57-2	105292	104710	106193	105398	0.71	cps
Krypton	83-1	120	217	153	163	30.06	cps
Lead	206-1	5971945	6014449	6034431	6006942	0.53	cps
Lead	207-1	5053686	5056540	5076295	5062173	0.24	cps
Lead	208-1	23752850	23843956	23958430	23851745	0.43	cps
Lithium	6-1	2469661	2473315	2476763	2473247	0.14	cps
Magnesium	24-2	607344	609648	618009	611667	0.92	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01A	Instrumnet Name :	P7
Client Sample ID :	390815014A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:15:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	590779	587671	594650	591033	0.59	cps
Molybdenum	94-1	685216	674358	672252	677276	1.03	cps
Molybdenum	95-1	1193872	1190088	1190918	1191626	0.17	cps
Molybdenum	96-1	1274619	1288935	1278437	1280664	0.58	cps
Molybdenum	97-1	748128	743483	748293	746635	0.37	cps
Molybdenum	98-1	1915896	1920574	1910107	1915526	0.27	cps
Neodymium	150-1	200	173	200	191	8.06	cps
Neodymium	150-2	63	60	77	67	13.23	cps
Nickel	60-2	349604	350510	354969	351694	0.82	cps
Phosphorus	31-2	17778	17202	17670	17550	1.74	cps
Potassium	39-2	1180549	1179140	1202945	1187545	1.12	cps
Rhodium	103-1	7026467	7013356	7033314	7024379	0.14	cps
Rhodium	103-2	3146719	3151952	3202302	3166991	0.97	cps
Scandium	45-1	4458745	4455191	4467500	4460479	0.14	cps
Scandium	45-2	171729	171395	175492	172872	1.32	cps
Selenium	77-2	11148	11104	10998	11083	0.70	cps
Selenium	78-2	37439	36158	37576	37058	2.11	cps
Selenium	82-1	263548	262993	262278	262939	0.24	cps
Silicon	28-1	13540390	13612664	13616153	13589736	0.31	cps
Silver	109-1	589994	590957	588412	589788	0.22	cps
Silver	107-1	615442	615500	619850	616930	0.41	cps
Sodium	23-2	5777166	5731158	5844765	5784363	0.99	cps
Strontium	86-1	470979	473818	470739	471845	0.36	cps
Strontium	88-1	4122461	4137121	4143569	4134384	0.26	cps
Sulfur	34-1	236980	235829	232173	234994	1.07	cps
Terbium	159-1	11392407	11443352	11414764	11416841	0.22	cps
Terbium	159-2	5414319	5391816	5463267	5423134	0.67	cps
Thallium	203-1	14629787	14757753	14884766	14757435	0.86	cps
Thallium	205-1	35089199	35375571	35675836	35380202	0.83	cps
Thorium	232-1	3234	2734	3312	3093	10.14	cps
Tin	118-1	3858855	3869011	3873953	3867273	0.20	cps
Titanium	47-1	157136	157795	157001	157311	0.27	cps
Uranium	238-1	2650	2825	2634	2703	3.93	cps
Vanadium	51-2	363622	361204	365158	363328	0.55	cps
Yttrium	89-1	19638078	19687950	19683833	19669954	0.14	cps
Yttrium	89-2	2577367	2559261	2595995	2577541	0.71	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	K4405-01A	Instrumnet Name :	P7
Client Sample ID :	390815014A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:15:07	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	176584	175352	179177	177038	1.10	cps
Zirconium	90-1	6068	5901	5976	5982	1.40	cps
Zirconium	91-1	1950	1775	1800	1842	5.14	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:19:37	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2547472	2567865	2558648	2557995	0.40	cps
Antimony	121-1	3000011	3011986	3011873	3007957	0.23	cps
Arsenic	75-2	90924	91917	91394	91412	0.54	cps
Barium	135-1	3990880	3989036	4013930	3997949	0.35	cps
Barium	137-1	7160522	7190140	7207933	7186198	0.33	cps
Beryllium	9-1	622798	624623	629838	625753	0.58	cps
Bismuth	209-1	6711272	6747197	6745508	6734659	0.30	cps
Bismuth	209-2	3784715	3721371	3787590	3764558	0.99	cps
Boron	10-1	97294	100122	99853	99090	1.57	cps
Boron	11-1	444243	450689	461085	452006	1.88	cps
Cadmium	111-1	944692	949354	947548	947198	0.25	cps
Cadmium	106-1	106281	108883	107967	107710	1.23	cps
Cadmium	108-1	71052	69352	70583	70329	1.25	cps
Calcium	43-1	4293917	4257803	4309919	4287213	0.62	cps
Calcium	44-1	71604493	71348285	71953637	71635472	0.42	cps
Chromium	52-2	741935	746008	741518	743153	0.33	cps
Cobalt	59-2	1194916	1200318	1193659	1196298	0.30	cps
Copper	63-2	1807531	1811744	1801172	1806816	0.29	cps
Dysprosium	156-1	242	217	150	203	23.37	cps
Dysprosium	156-2	123	170	150	148	15.84	cps
Erbium	164-1	108	58	50	72	43.68	cps
Erbium	164-2	77	60	70	69	12.18	cps
Gadolinium	160-1	75	100	75	83	17.32	cps
Gadolinium	160-2	247	203	200	217	12.02	cps
Holmium	165-1	11290316	11305766	11341157	11312413	0.23	cps
Holmium	165-2	5525730	5424896	5566462	5505696	1.32	cps
Indium	115-1	7885374	7822048	7876953	7861459	0.44	cps
Indium	115-2	1466007	1442218	1471418	1459881	1.06	cps
Iron	56-2	161035915	161401087	160123265	160853422	0.41	cps
Iron	57-2	3987231	3995248	3952284	3978254	0.57	cps
Krypton	83-1	197	170	170	179	8.61	cps
Lead	206-1	2788747	2783995	2811459	2794734	0.53	cps
Lead	207-1	2432958	2413749	2455986	2434231	0.87	cps
Lead	208-1	11308067	11251300	11369670	11309679	0.52	cps
Lithium	6-1	2413373	2411313	2410919	2411868	0.05	cps
Magnesium	24-2	28379702	28725079	28552325	28552368	0.60	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:19:37	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	933858	935207	933727	934264	0.09	cps
Molybdenum	94-1	6428740	6415702	6520351	6454931	0.88	cps
Molybdenum	95-1	8046863	8038744	8133418	8073009	0.65	cps
Molybdenum	96-1	8918619	8899943	8975623	8931395	0.44	cps
Molybdenum	97-1	4851607	5051984	4915636	4939742	2.07	cps
Molybdenum	98-1	12925254	12872077	13031147	12942826	0.63	cps
Neodymium	150-1	307	340	300	316	6.79	cps
Neodymium	150-2	93	67	63	74	22.09	cps
Nickel	60-2	303336	304800	305154	304430	0.32	cps
Phosphorus	31-2	25982	27059	27593	26878	3.05	cps
Potassium	39-2	13635439	13776636	13645902	13685993	0.57	cps
Rhodium	103-1	6442648	6443565	6481931	6456048	0.35	cps
Rhodium	103-2	2892793	2841130	2904689	2879537	1.17	cps
Scandium	45-1	4324041	4278882	4311443	4304789	0.54	cps
Scandium	45-2	170706	168947	172201	170618	0.95	cps
Selenium	77-2	2580	2694	2634	2636	2.15	cps
Selenium	78-2	9025	8945	8805	8925	1.25	cps
Selenium	82-1	62763	62859	63247	62956	0.41	cps
Silicon	28-1	2021685	2050244	2090155	2054028	1.67	cps
Silver	109-1	3905575	3912333	3930299	3916069	0.33	cps
Silver	107-1	4072360	4072342	4089989	4078231	0.25	cps
Sodium	23-2	53186217	53513499	53045329	53248348	0.45	cps
Strontium	86-1	988952	985015	995347	989771	0.53	cps
Strontium	88-1	8859811	8900957	8977591	8912786	0.67	cps
Sulfur	34-1	483178	475335	478452	478988	0.82	cps
Terbium	159-1	11413372	11445927	11529238	11462845	0.52	cps
Terbium	159-2	5346115	5273354	5403129	5340866	1.22	cps
Thallium	203-1	3536544	3565457	3592989	3564997	0.79	cps
Thallium	205-1	8689183	8764008	8838374	8763855	0.85	cps
Thorium	232-1	12274112	12324489	12403819	12334140	0.53	cps
Tin	118-1	2664143	2670374	2672480	2668999	0.16	cps
Titanium	47-1	1870620	1883270	1877774	1877221	0.34	cps
Uranium	238-1	11692221	11752738	11838553	11761170	0.63	cps
Vanadium	51-2	593139	600154	593593	595629	0.66	cps
Yttrium	89-1	19322314	19270427	19543661	19378801	0.75	cps
Yttrium	89-2	2523261	2472126	2538286	2511224	1.38	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:19:37	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	333162	339525	332678	335122	1.14	cps
Zirconium	90-1	5250903	5259951	5313546	5274800	0.64	cps
Zirconium	91-1	1134270	1129296	1137473	1133679	0.36	cps

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : CCB57 Instrumnet Name : P7
 Client Sample ID : CCB57 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	533	308	431	26.42	cps
Antimony	121-1	3976	4393	4309	4226	5.22	cps
Arsenic	75-2	41	28	17	28	42.42	cps
Barium	135-1	933	742	692	789	16.17	cps
Barium	137-1	1559	1467	1492	1506	3.15	cps
Beryllium	9-1	277	313	277	289	7.33	cps
Bismuth	209-1	7293277	7399643	7397347	7363423	0.83	cps
Bismuth	209-2	4161034	4287976	4314467	4254492	1.93	cps
Boron	10-1	5676	5668	5485	5610	1.93	cps
Boron	11-1	26825	26407	24178	25803	5.51	cps
Cadmium	111-1	4673	4907	5111	4897	4.48	cps
Cadmium	106-1	6277	6610	6860	6582	4.45	cps
Cadmium	108-1	42	29	29	33	21.65	cps
Calcium	43-1	1067	967	917	983	7.77	cps
Calcium	44-1	22861	21459	19915	21412	6.88	cps
Chromium	52-2	447	367	340	384	14.44	cps
Cobalt	59-2	233	243	213	230	6.64	cps
Copper	63-2	907	853	920	893	3.95	cps
Dysprosium	156-1	25	75	75	58	49.49	cps
Dysprosium	156-2	23	43	30	32	31.61	cps
Erbium	164-1	50	58	108	72	43.68	cps
Erbium	164-2	77	53	63	64	18.17	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	177	233	240	217	16.06	cps
Holmium	165-1	11236057	11208897	11295284	11246746	0.39	cps
Holmium	165-2	5611076	5767043	5798371	5725497	1.75	cps
Indium	115-1	8455913	8508860	8498233	8487669	0.33	cps
Indium	115-2	1595759	1641671	1653563	1630331	1.87	cps
Iron	56-2	27816	26803	24432	26350	6.59	cps
Iron	57-2	711	711	650	691	5.11	cps
Krypton	83-1	170	200	167	179	10.26	cps
Lead	206-1	2067	1917	2050	2011	4.09	cps
Lead	207-1	1917	1978	1934	1943	1.63	cps
Lead	208-1	7962	7657	7573	7731	2.65	cps
Lithium	6-1	2477910	2475367	2480702	2477993	0.11	cps
Magnesium	24-2	4418	4309	3959	4229	5.67	cps

LB Number : LB104675 Operator : Jaswal
 Lab Sample ID : CCB57 Instrumnet Name : P7
 Client Sample ID : CCB57 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-19 13:23:15 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203	240	210	218	8.97	cps
Molybdenum	94-1	2450	2217	2175	2281	6.50	cps
Molybdenum	95-1	3384	2792	2809	2995	11.25	cps
Molybdenum	96-1	3626	3059	2875	3187	12.27	cps
Molybdenum	97-1	1959	1767	1584	1770	10.60	cps
Molybdenum	98-1	5109	4493	4334	4645	8.82	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	13	13	10	57.75	cps
Nickel	60-2	107	143	133	128	14.83	cps
Phosphorus	31-2	92	50	75	72	29.04	cps
Potassium	39-2	12039	11430	11864	11777	2.66	cps
Rhodium	103-1	7356203	7378343	7376573	7370373	0.17	cps
Rhodium	103-2	3286667	3372735	3400091	3353165	1.77	cps
Scandium	45-1	4602394	4651328	4630005	4627909	0.53	cps
Scandium	45-2	178377	183005	184631	182004	1.78	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	39	43	24	35	27.86	cps
Selenium	82-1	146	135	140	140	4.11	cps
Silicon	28-1	104800	103616	102366	103594	1.17	cps
Silver	109-1	1200	14492	900	5531	140.35	cps
Silver	107-1	1300	1067	1292	1220	10.86	cps
Sodium	23-2	21583	20748	20273	20868	3.18	cps
Strontium	86-1	567	600	508	558	8.31	cps
Strontium	88-1	2517	2200	2242	2320	7.42	cps
Sulfur	34-1	169622	168974	168627	169074	0.30	cps
Terbium	159-1	11550451	11527509	11539538	11539166	0.10	cps
Terbium	159-2	5412379	5637171	5652818	5567456	2.42	cps
Thallium	203-1	3851	3909	3576	3778	4.71	cps
Thallium	205-1	9429	8878	8336	8881	6.15	cps
Thorium	232-1	6441	6613	5813	6289	6.70	cps
Tin	118-1	3726	3676	3642	3681	1.14	cps
Titanium	47-1	408	583	450	481	19.02	cps
Uranium	238-1	4826	4709	4376	4637	5.04	cps
Vanadium	51-2	113	123	90	109	15.71	cps
Yttrium	89-1	20152135	20305031	20140062	20199076	0.46	cps
Yttrium	89-2	2653604	2728265	2750761	2710876	1.88	cps

LB Number :	LB104675	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P7
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired ::	2019-08-19 13:23:15	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	523	537	430	497	11.70	cps
Zirconium	90-1	2009	2159	2075	2081	3.61	cps
Zirconium	91-1	442	367	433	414	9.93	cps