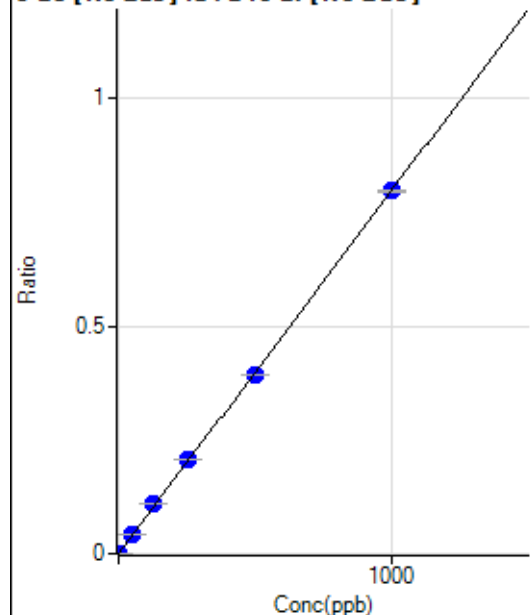


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7111819-MS.b\
 Analysis File: P7111819-MS.batch.bin
 DA Date-Time: 2019-11-18 18:33:54
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-11-18 16:04:22
2	003CALS.d	S02	2019-11-18 16:17:23
3	004CALS.d	S03	2019-11-18 16:21:42
4	005CALS.d	S04	2019-11-18 16:25:37
5	006CALS.d	S05	2019-11-18 16:29:27
6	007CALS.d	S06	2019-11-18 16:33:15
7	008CALS.d	S07	2019-11-18 16:37:01
8	009CALS.d	S08	2019-11-18 16:40:46

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	59.26	0.0000	P	23.8
2	☐	1.000	1.060	2415.08	0.0009	P	2.2
3	☐	50.000	52.774	112821.55	0.0421	P	3.9
4	☐	125.000	135.906	285091.46	0.1083	P	0.6
5	☐	250.000	258.110	531876.77	0.2057	P	0.8
6	☐	500.000	493.442	1020120.04	0.3932	P	0.5
7	☐	1000.000	999.750	1999643.16	0.7966	P	0.3
8	☐			694.48	0.0003	P	18.6

$$y = 7.9678\text{E-}004 * x + 2.1360\text{E-}005$$

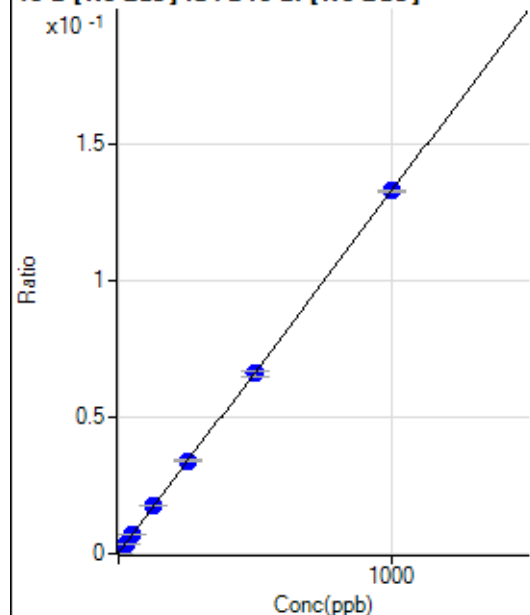
$$R = 0.9999$$

$$DL = 0.0191$$

$$BEC = 0.02681$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	613.93	0.0002	P	8.8
2	☐	25.000	23.797	9428.30	0.0034	P	2.9
3	☐	50.000	53.424	19627.28	0.0073	P	1.6
4	☐	125.000	131.839	46656.61	0.0177	P	2.8
5	☐	250.000	254.934	88104.33	0.0341	P	1.1
6	☐	500.000	495.210	171154.19	0.0660	P	2.8
7	☐	1000.000	1000.166	333902.56	0.1330	P	0.5
8	☐			4828.74	0.0020	P	7.0

$$y = 1.3277\text{E-}004 * x + 2.2120\text{E-}004$$

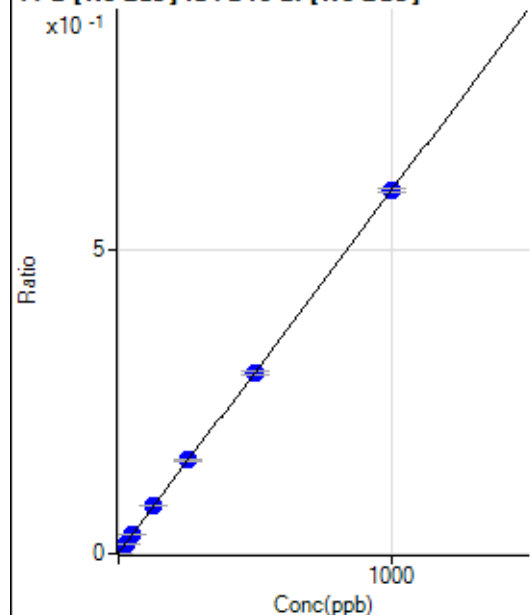
$$R = 0.9999$$

$$DL = 0.4391$$

$$BEC = 1.666$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2980.97	0.0011	P	6.3
2	☐	25.000	23.809	42572.08	0.0153	P	1.0
3	☐	50.000	52.620	86989.21	0.0324	P	4.0
4	☐	125.000	130.659	207818.32	0.0790	P	1.1
5	☐	250.000	257.034	398972.40	0.1543	P	2.1
6	☐	500.000	496.215	770129.53	0.2968	P	1.8
7	☐	1000.000	999.325	1497888.59	0.5967	P	1.0
8	☐			22133.67	0.0091	P	7.8

$$y = 5.9604\text{E-}004 * x + 0.0011$$

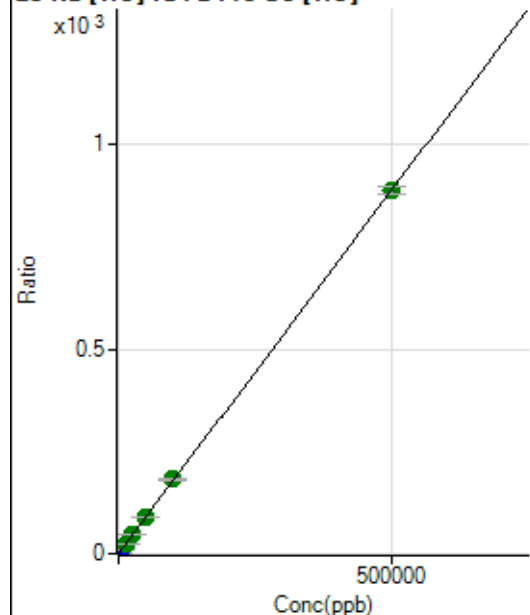
$$R = 0.9999$$

$$DL = 0.3392$$

$$BEC = 1.802$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6268.22	0.0287	P	4.1
2	☐	500.000	469.388	202513.55	0.8628	P	5.7
3	☐	5000.000	5249.139	1985721.22	9.3565	P	1.5
4	☐	12500.000	13628.116	4754062.95	24.2460	A	0.3
5	☐	25000.000	26412.286	9127749.68	46.9635	A	1.1
6	☐	50000.000	50358.507	17767649.53	89.5160	A	0.5
7	☐	100000.00	102481.32	36216799.42	182.1385	A	1.4
8	☐	500000.00	499366.60	179882160.9	887.4055	A	2.1

$$y = 0.0018 * x + 0.0287$$

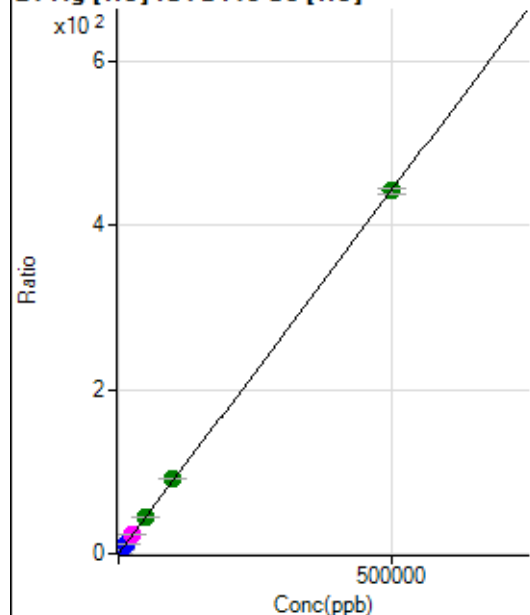
$$R = 1.0000$$

$$DL = 1.993$$

$$BEC = 16.18$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	625.04	0.0029	P	8.2
2	☐	500.000	498.044	104183.15	0.4438	P	5.1
3	☐	5000.000	5305.937	997583.51	4.7006	P	1.6
4	☐	12500.000	13833.695	2402084.30	12.2508	P	0.1
5	☐	25000.000	26533.755	4566393.03	23.4950	M	1.5
6	☐	50000.000	50418.617	8860838.83	44.6419	A	0.2
7	☐	100000.00	102622.08	18067433.21	90.8613	A	1.1
8	☐	500000.00	499320.63	89614489.50	442.0858	A	1.9

$$y = 8.8537\text{E-}004 * x + 0.0029$$

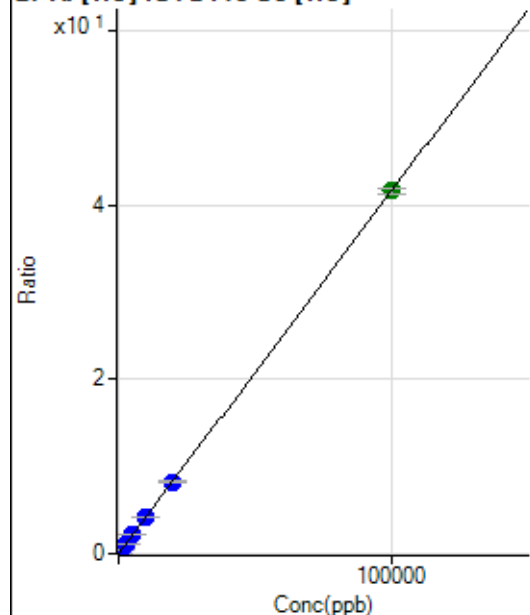
$$R = 1.0000$$

$$DL = 0.7957$$

$$BEC = 3.238$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0002	P	67.0
2	☐	20.000	17.742	1766.85	0.0075	P	13.0
3	☐	1000.000	1029.889	90920.15	0.4284	P	1.5
4	☐	2500.000	2685.927	219001.05	1.1169	P	1.1
5	☐	5000.000	5212.022	421233.28	2.1673	P	0.5
6	☐	10000.000	9935.195	819980.40	4.1311	P	0.6
7	☐	20000.000	19835.129	1639996.69	8.2473	P	0.7
8	☐	100000.00	100023.90	8430463.73	41.5887	A	1.9

$$y = 4.1579\text{E-}004 * x + 1.6638\text{E-}004$$

$$R = 1.0000$$

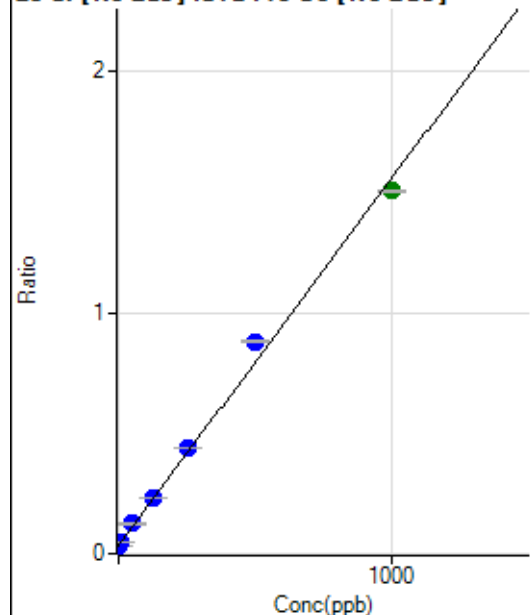
$$DL = 0.8045$$

$$BEC = 0.4002$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	164262.38	0.0336	P	0.5
2	☐	10.000	7.312	221437.52	0.0447	P	0.4
3	☐	50.000	60.596	583851.33	0.1257	P	4.1
4	☐	125.000	129.901	1043683.19	0.2311	P	0.3
5	☐	250.000	265.872	1931626.76	0.4379	P	0.2
6	☐	500.000	556.630	3959395.23	0.8800	P	0.6
7	☐	1000.000	966.601	6650738.60	1.5034	A	0.4
8	☐			312026.71	0.0711	P	0.8

$$y = 0.0015 * x + 0.0336$$

$$R = 0.9974$$

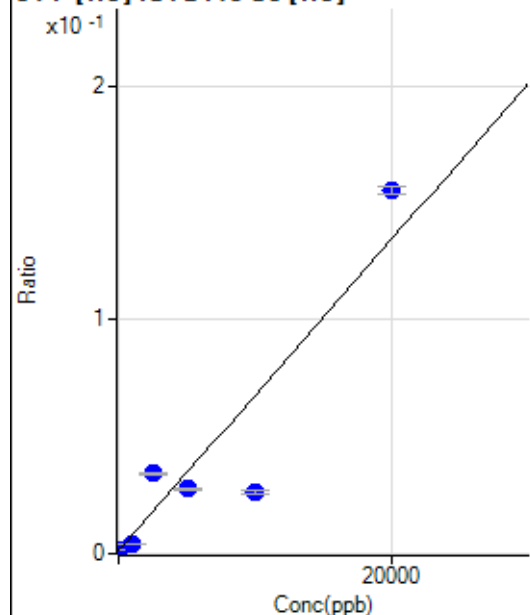
$$DL = 0.3029$$

$$BEC = 22.09$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-82.420	150.01	0.0007	P	26.9
2	☐	0.000	82.420	419.47	0.0018	P	7.5
3	☐	1000.000	406.114	836.18	0.0039	P	8.9
4	☐	2500.000	4950.750	6707.31	0.0342	P	4.0
5	☐	5000.000	3963.381	5370.62	0.0276	P	1.5
6	☐	10000.000	3759.931	5215.02	0.0263	P	6.0
7	☐	20000.000	23102.540	30838.34	0.1551	P	2.0
8	☐			172.23	0.0008	P	9.9

$$y = 6.6589E-006 * x + 0.0012$$

$$R = 0.9293$$

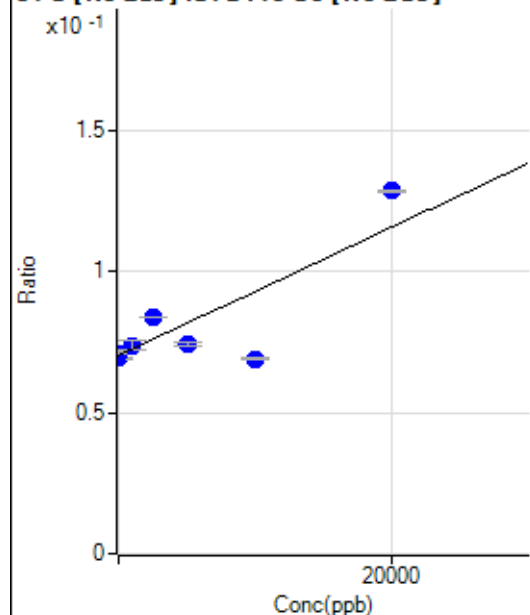
$$DL = 71.96$$

$$BEC = 186$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-382.674	339812.53	0.0695	P	1.0
2	☐	0.000	382.674	352807.51	0.0712	P	1.0
3	☐	1000.000	1502.996	342572.56	0.0738	P	4.5
4	☐	2500.000	5933.822	378691.57	0.0839	P	0.2
5	☐	5000.000	1797.810	328432.09	0.0745	P	1.3
6	☐	10000.000	-615.959	310297.30	0.0690	P	0.9
7	☐	20000.000	25654.149	569361.17	0.1287	P	0.5
8	☐			277848.55	0.0633	P	0.9

$$y = 2.2741\text{E-}006 * x + 0.0704$$

$$R = 0.8327$$

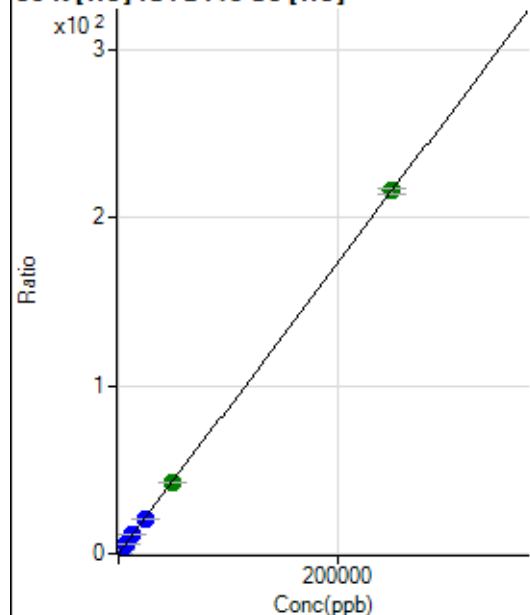
$$DL = 954$$

$$BEC = 3.094\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16290.14	0.0747	P	0.9
2	☐	500.000	468.998	112622.52	0.4797	P	4.6
3	☐	2500.000	2543.331	482023.52	2.2711	P	0.8
4	☐	6250.000	6616.677	1135033.39	5.7888	P	0.5
5	☐	12500.000	12629.415	2134356.49	10.9815	P	1.0
6	☐	25000.000	23672.053	4072509.08	20.5179	P	0.5
7	☐	50000.000	49095.408	8445782.13	42.4736	A	1.0
8	☐	250000.00	250297.70	43832743.69	216.2324	A	1.7

$$y = 8.6360\text{E-}004 * x + 0.0747$$

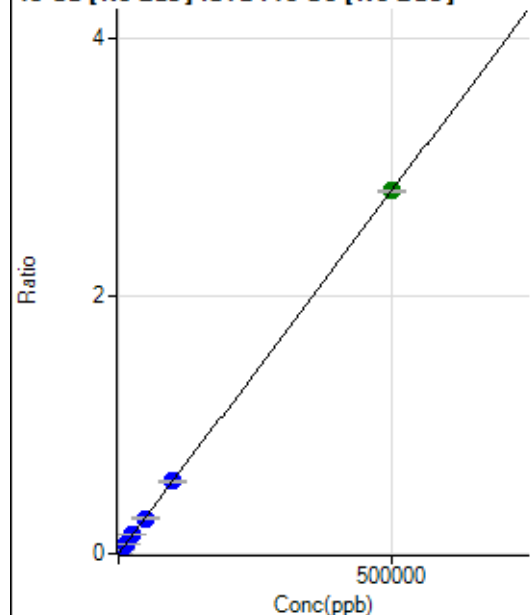
$$R = 1.0000$$

$$DL = 2.323$$

$$BEC = 86.45$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	6.3
2	☐	500.000	482.058	13595.61	0.0027	P	1.9
3	☐	5000.000	5202.935	136072.32	0.0293	P	4.3
4	☐	12500.000	13346.837	339251.90	0.0751	P	0.2
5	☐	25000.000	25549.396	634255.84	0.1438	P	0.7
6	☐	50000.000	48903.095	1238096.18	0.2752	P	0.8
7	☐	100000.00	99483.795	2476227.62	0.5597	P	0.3
8	☐	500000.00	500162.27	12357473.28	2.8140	A	0.3

$$y = 5.6262\text{E-}006 * x + 3.2954\text{E-}005$$

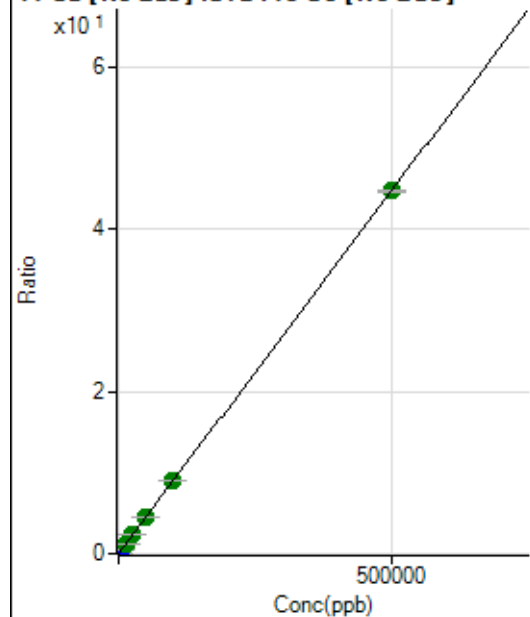
$$R = 1.0000$$

$$DL = 1.103$$

$$BEC = 5.857$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6471.14	0.0013	P	2.7
2	☐	500.000	477.627	218362.88	0.0441	P	0.2
3	☐	5000.000	5150.289	2147343.12	0.4625	P	4.3
4	☐	12500.000	13230.377	5355500.21	1.1859	A	0.1
5	☐	25000.000	25523.494	10086909.34	2.2866	A	0.8
6	☐	50000.000	49219.063	19834388.12	4.4083	A	0.5
7	☐	100000.00	100214.95	39700566.17	8.9743	A	0.5
8	☐	500000.00	499989.18	196595829.3	44.7690	A	0.5

$$y = 8.9537\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

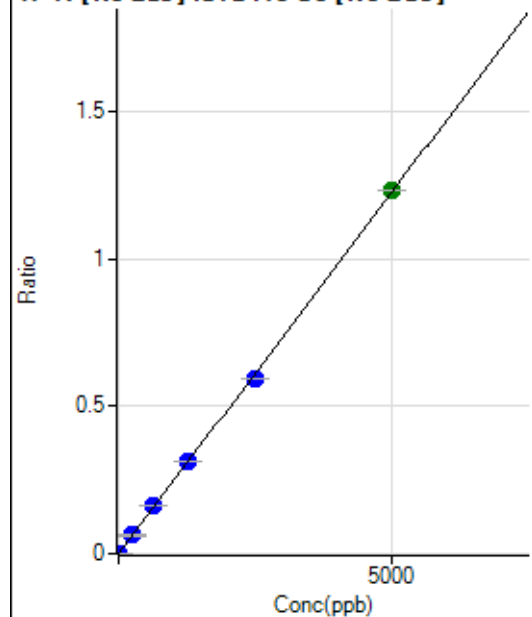
$$DL = 1.189$$

$$BEC = 14.78$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	28.6
2	☐	5.000	4.891	6032.04	0.0012	P	1.6
3	☐	250.000	259.367	294739.06	0.0635	P	5.6
4	☐	625.000	666.276	736471.35	0.1631	P	0.7
5	☐	1250.000	1281.092	1383192.96	0.3136	P	0.8
6	☐	2500.000	2422.495	2667756.22	0.5929	P	0.2
7	☐	5000.000	5025.352	5441036.62	1.2299	A	0.1
8	☐			2025.22	0.0005	P	2.7

$$y = 2.4474\text{E-}004 * x + 2.1027\text{E-}005$$

$$R = 0.9998$$

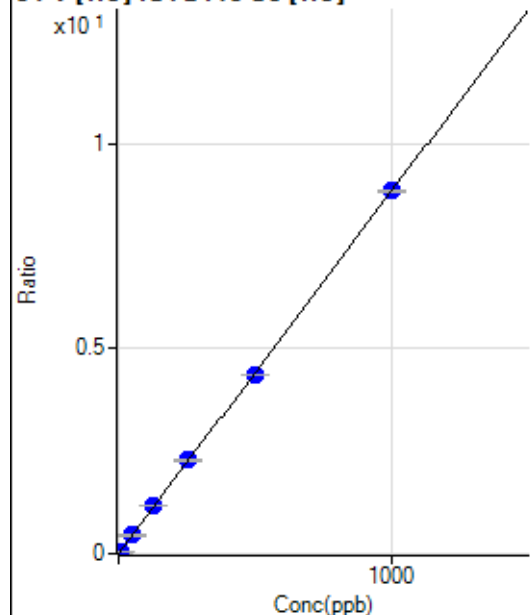
$$DL = 0.07383$$

$$BEC = 0.08592$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0000	P	42.7
2	☐	5.000	4.905	10182.54	0.0434	P	6.8
3	☐	50.000	50.584	94958.65	0.4474	P	1.2
4	☐	125.000	134.091	232546.27	1.1860	P	0.3
5	☐	250.000	257.675	442967.69	2.2791	P	0.9
6	☐	500.000	492.344	864339.30	4.3546	P	0.2
7	☐	1000.000	1000.744	1760077.44	8.8513	P	0.8
8	☐			1037.83	0.0051	P	2.9

$$y = 0.0088 * x + 2.0333\text{E-}005$$

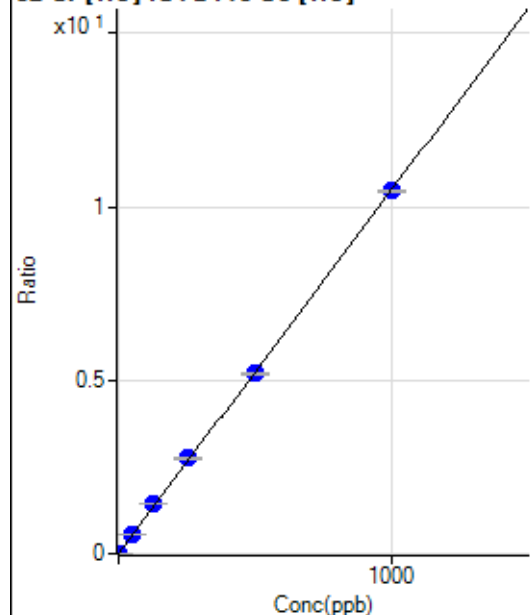
$$R = 0.9999$$

$$DL = 0.002944$$

$$BEC = 0.002299$$

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	735.59	0.0034	P	7.9
2	☐	2.000	1.858	5359.95	0.0228	P	7.2
3	☐	50.000	51.984	116318.65	0.5481	P	1.6
4	☐	125.000	136.922	281983.47	1.4381	P	0.4
5	☐	250.000	262.083	534417.12	2.7496	P	0.8
6	☐	500.000	495.279	1030784.76	5.1932	P	0.6
7	☐	1000.000	997.750	2079667.43	10.4583	P	0.6
8	☐			59238.49	0.2922	P	1.8

$$y = 0.0105 * x + 0.0034$$

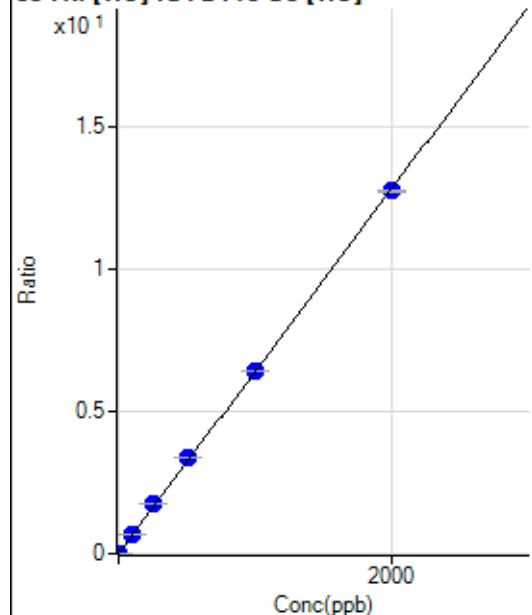
$$R = 0.9999$$

$$DL = 0.07589$$

$$BEC = 0.3221$$

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	36.67	0.0002	P	39.0
2	☐	1.000	1.041	1600.11	0.0068	P	9.5
3	☐	100.000	104.635	142071.19	0.6694	P	1.3
4	☐	250.000	274.725	344565.32	1.7573	P	0.4
5	☐	500.000	528.843	657457.90	3.3826	P	0.7
6	☐	1000.000	998.555	1267712.68	6.3869	P	0.3
7	☐	2000.000	1990.190	2531309.61	12.7293	P	0.6
8	☐			10203.67	0.0503	P	2.8

$$y = 0.0064 * x + 1.6790E-004$$

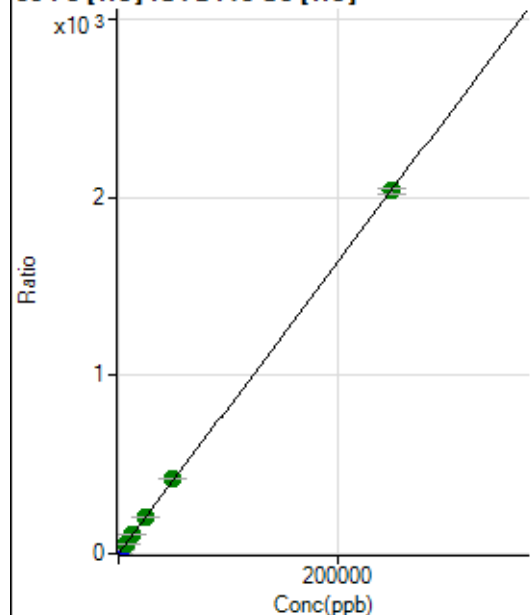
$$R = 0.9998$$

$$DL = 0.03072$$

$$BEC = 0.02625$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3656.13	0.0168	P	4.3
2	☐	50.000	54.109	107619.47	0.4584	P	4.5
3	☐	2500.000	2669.287	4626940.79	21.8015	P	1.4
4	☐	6250.000	6950.040	11124841.92	56.7378	A	0.5
5	☐	12500.000	13384.715	21234549.55	109.2529	A	0.7
6	☐	25000.000	25429.986	41196963.42	207.5575	A	0.6
7	☐	50000.000	51440.804	83485011.13	419.8385	A	0.8
8	☐	250000.00	249605.41	412940090.7	2,037.111	A	1.6

$$y = 0.0082 * x + 0.0168$$

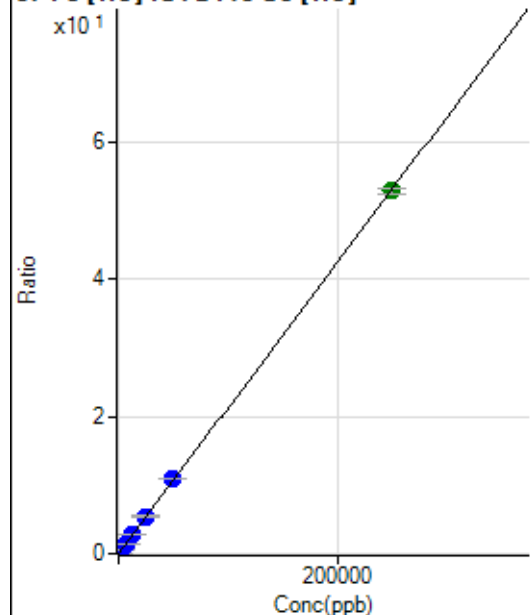
$$R = 1.0000$$

$$DL = 0.2647$$

$$BEC = 2.054$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	257.42	0.0012	P	14.7
2	☐	50.000	51.741	2852.19	0.0121	P	3.6
3	☐	2500.000	2711.205	122170.71	0.5757	P	1.7
4	☐	6250.000	7078.993	294342.34	1.5012	P	0.4
5	☐	12500.000	13622.170	561238.49	2.8876	P	0.9
6	☐	25000.000	25735.055	1082589.59	5.4543	P	0.5
7	☐	50000.000	51671.205	2177361.97	10.9500	P	1.1
8	☐	250000.00	249513.30	10717741.45	52.8713	A	1.4

$$y = 2.1189E-004 * x + 0.0012$$

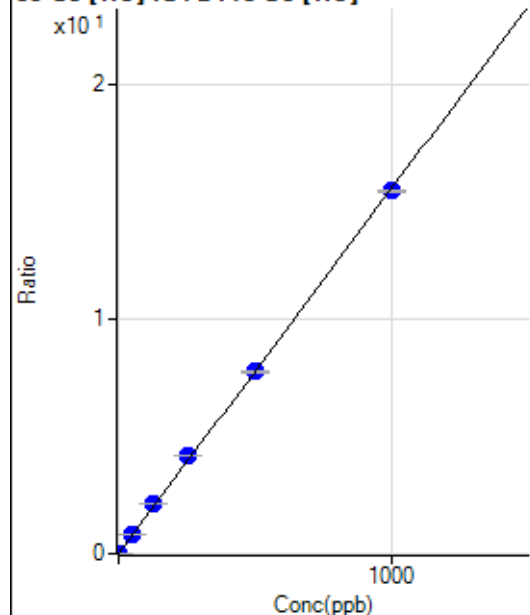
$$R = 1.0000$$

$$DL = 2.464$$

$$BEC = 5.574$$

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	28.89	0.0001	P	25.2
2	☐	1.000	0.982	3620.50	0.0154	P	3.0
3	☐	50.000	53.658	177185.68	0.8349	P	1.9
4	☐	125.000	139.366	425161.12	2.1683	P	0.2
5	☐	250.000	267.223	808054.72	4.1575	P	0.8
6	☐	500.000	499.901	1543683.90	7.7774	P	0.9
7	☐	1000.000	993.765	3074419.12	15.4608	P	0.8
8	☐			6915.05	0.0341	P	1.4

$$y = 0.0156 * x + 1.3201E-004$$

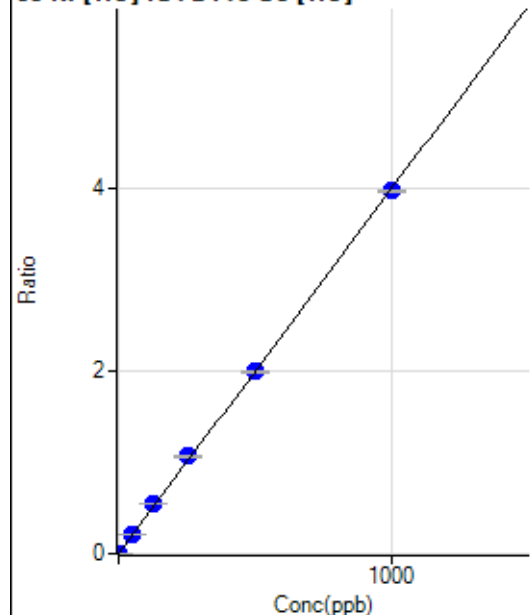
$$R = 0.9998$$

$$DL = 0.00642$$

$$BEC = 0.008485$$

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	12.22	0.0001	P	63.5
2	☐	1.000	1.022	972.27	0.0041	P	4.6
3	☐	50.000	52.988	44904.21	0.2116	P	2.4
4	☐	125.000	139.269	109032.74	0.5561	P	0.1
5	☐	250.000	266.816	207046.18	1.0653	P	1.3
6	☐	500.000	499.380	395735.16	1.9938	P	0.6
7	☐	1000.000	994.173	789296.99	3.9692	P	0.4
8	☐			15734.18	0.0776	P	3.3

$$y = 0.0040 * x + 5.6305E-005$$

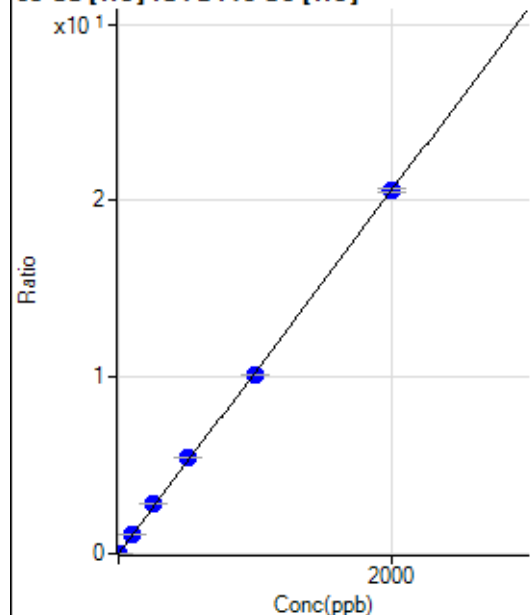
$$R = 0.9998$$

$$DL = 0.02685$$

$$BEC = 0.0141$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.34	0.0015	P	5.3
2	☐	2.000	1.956	5082.08	0.0217	P	5.4
3	☐	100.000	106.910	233758.97	1.1015	P	1.7
4	☐	250.000	278.433	561987.77	2.8662	P	0.5
5	☐	500.000	527.280	1054698.74	5.4265	P	0.8
6	☐	1000.000	982.407	2006522.80	10.1091	P	0.5
7	☐	2000.000	1998.077	4088096.43	20.5589	P	1.0
8	☐			7665.44	0.0378	P	2.3

$$y = 0.0103 * x + 0.0015$$

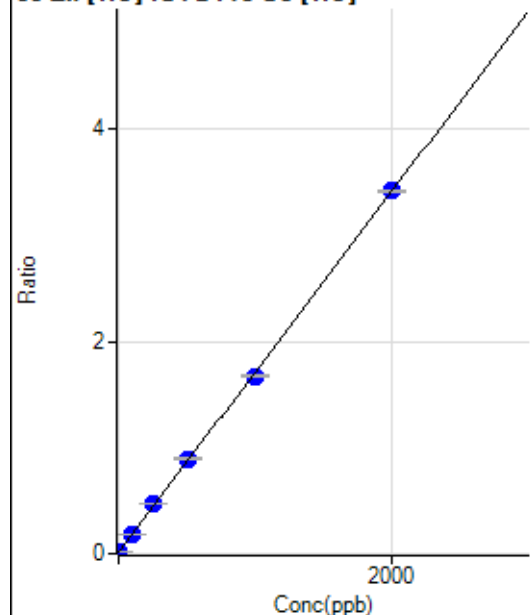
$$R = 0.9998$$

$$DL = 0.02347$$

$$BEC = 0.1484$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2890.33	0.0133	P	2.8
2	☐	2.000	1.466	3698.30	0.0157	P	5.5
3	☐	100.000	103.092	40031.58	0.1886	P	1.3
4	☐	250.000	270.283	92749.81	0.4730	P	1.2
5	☐	500.000	518.078	173864.33	0.8945	P	0.9
6	☐	1000.000	978.130	332886.78	1.6771	P	0.3
7	☐	2000.000	2003.726	680422.95	3.4218	P	0.7
8	☐			8636.01	0.0426	P	2.4

$$y = 0.0017 * x + 0.0133$$

$$R = 0.9998$$

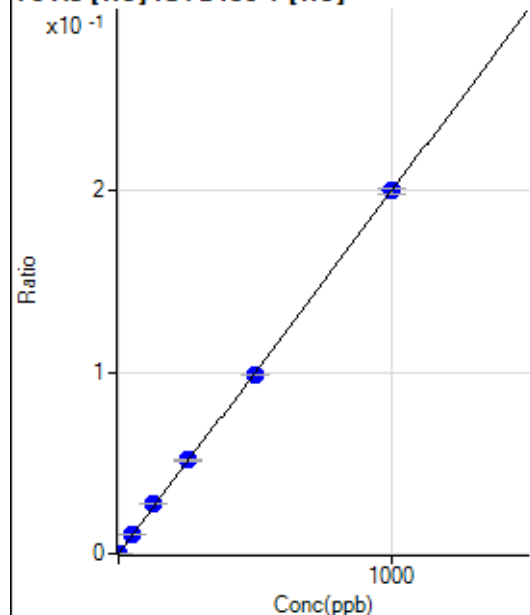
$$DL = 0.6501$$

$$BEC = 7.79$$

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	6.17	0.0000	P	62.8
2	☐	1.000	0.967	244.45	0.0002	P	13.8
3	☐	50.000	51.916	11891.97	0.0104	P	2.7
4	☐	125.000	137.133	29277.60	0.0274	P	0.6
5	☐	250.000	259.052	55344.17	0.0518	P	2.0
6	☐	500.000	491.977	107608.84	0.0983	P	0.4
7	☐	1000.000	1000.136	216248.51	0.1998	P	1.3
8	☐			140.13	0.0001	P	14.3

$$y = 1.9981\text{E-}004 * x + 5.3565\text{E-}006$$

$$R = 0.9998$$

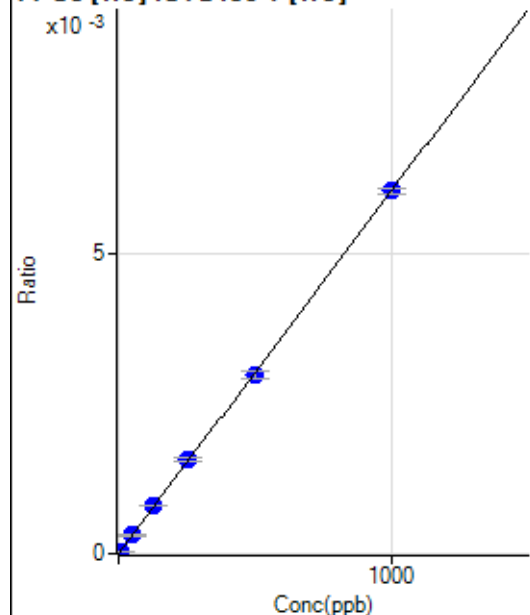
$$DL = 0.05054$$

$$BEC = 0.02681$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.754	35.56	0.0000	P	15.0
3	☐	50.000	50.565	351.12	0.0003	P	7.7
4	☐	125.000	132.482	856.70	0.0008	P	1.2
5	☐	250.000	262.203	1696.79	0.0016	P	4.0
6	☐	500.000	492.274	3261.53	0.0030	P	4.0
7	☐	1000.000	999.850	6549.36	0.0061	P	1.9
8	☐			7.78	0.0000	P	64.3

$$y = 6.0531\text{E-}006 * x + 0.0000\text{E+}000$$

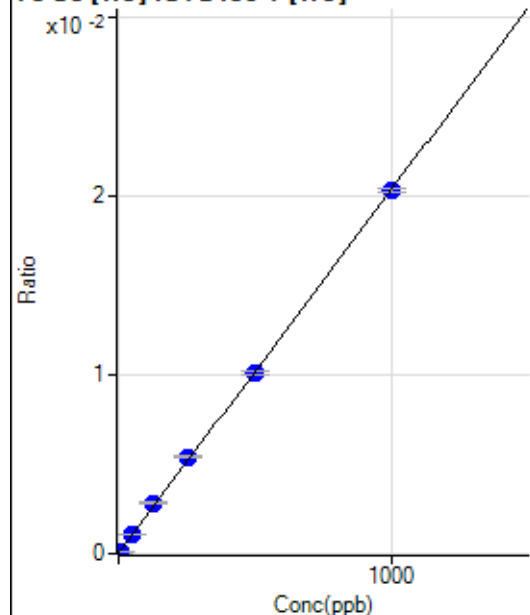
$$R = 0.9999$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.42	0.0000	P	49.2
2	☐	5.000	5.742	183.34	0.0001	P	3.4
3	☐	50.000	52.059	1248.83	0.0011	P	2.0
4	☐	125.000	137.845	3026.89	0.0028	P	2.8
5	☐	250.000	264.840	5788.86	0.0054	P	2.1
6	☐	500.000	496.843	11088.26	0.0101	P	2.3
7	☐	1000.000	996.156	21945.05	0.0203	P	1.2
8	☐			53.71	0.0000	P	5.3

$$y = 2.0326E-005 * x + 3.1543E-005$$

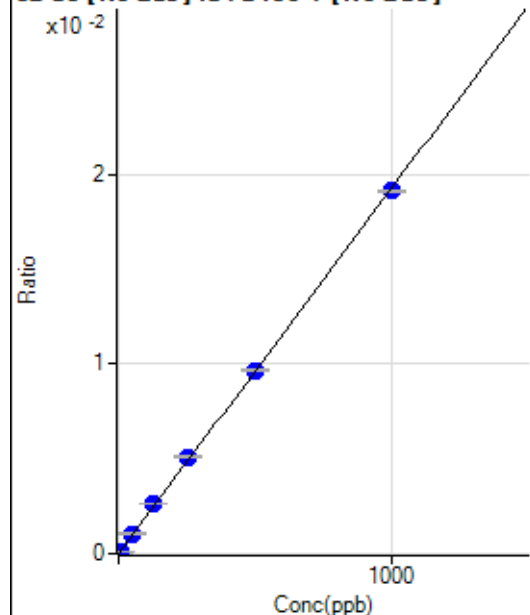
$$R = 0.9998$$

$$DL = 2.289$$

$$BEC = 1.552$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.59	0.0000	P	955.
2	☐	5.000	5.302	818.94	0.0001	P	4.7
3	☐	50.000	54.762	8004.40	0.0011	P	3.3
4	☐	125.000	138.366	19977.23	0.0027	P	1.0
5	☐	250.000	265.835	38108.59	0.0051	P	0.7
6	☐	500.000	501.825	73553.37	0.0097	P	1.0
7	☐	1000.000	993.218	143303.32	0.0191	P	0.8
8	☐			211.98	0.0000	P	12.4

$$y = 1.9256E-005 * x + 3.2997E-007$$

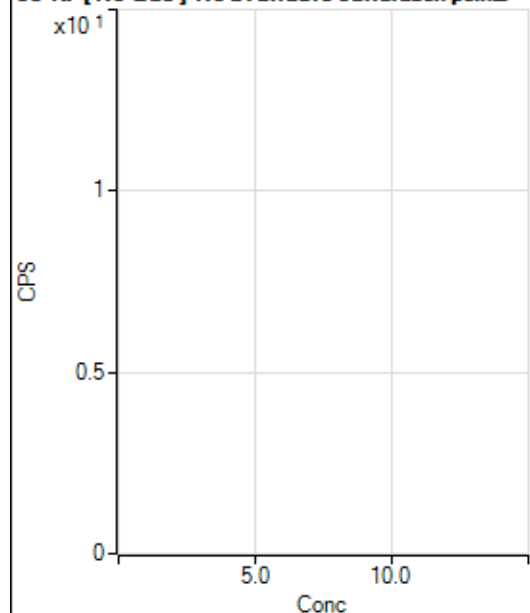
$$R = 0.9998$$

$$DL = 0.4911$$

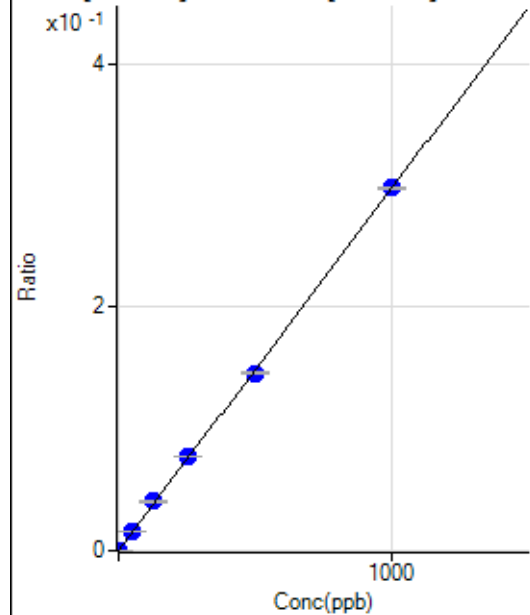
$$BEC = 0.01714$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			512.24		P	8.2
2	☐			570.02		P	2.7
3	☐			561.13		P	6.6
4	☐			468.90		P	6.0
5	☐			526.69		P	6.6
6	☐			525.57		P	5.1
7	☐			527.80		P	9.5
8	☐			474.46		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	863.95	0.0001	P	7.9
2	☐	1.000	0.961	3167.15	0.0004	P	2.9
3	☐	50.000	51.412	116904.22	0.0154	P	4.5
4	☐	125.000	135.172	302420.49	0.0403	P	0.5
5	☐	250.000	258.344	573159.64	0.0770	P	0.1
6	☐	500.000	489.526	1109701.52	0.1458	P	0.9
7	☐	1000.000	1001.809	2234748.29	0.2983	P	0.6
8	☐			10576.54	0.0014	P	3.3

$$y = 2.9761E-004 * x + 1.1017E-004$$

$$R = 0.9998$$

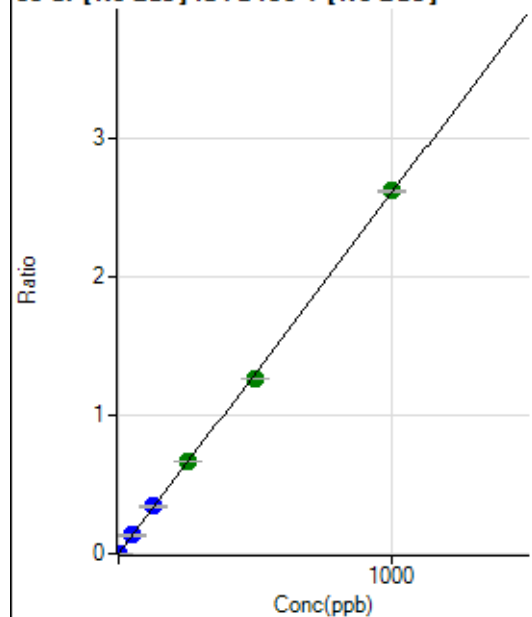
$$DL = 0.08753$$

$$BEC = 0.3702$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.01	0.0000	P	17.7
2	☐	1.000	0.997	20843.66	0.0026	P	1.4
3	☐	50.000	50.980	1005397.95	0.1325	P	4.7
4	☐	125.000	130.925	2551831.44	0.3404	P	0.5
5	☐	250.000	254.854	4932126.11	0.6626	A	0.2
6	☐	500.000	484.298	9583248.31	1.2590	A	0.4
7	☐	1000.000	1005.848	19592787.07	2.6149	A	0.6
8	☐			84501.91	0.0115	P	0.1

$$y = 0.0026 * x + 1.5941E-005$$

$$R = 0.9998$$

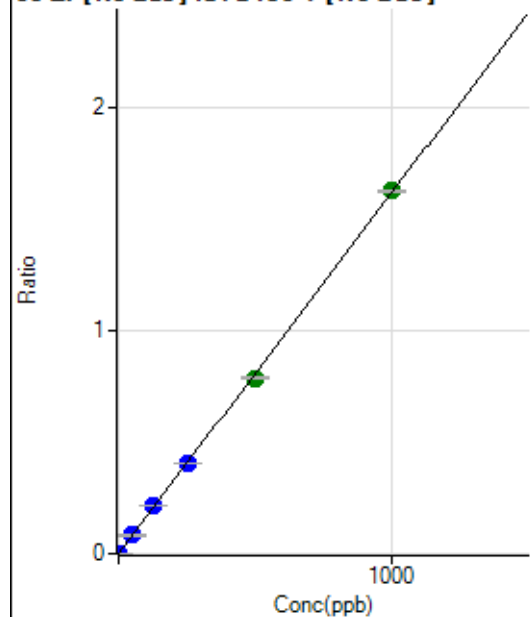
$$DL = 0.003251$$

$$BEC = 0.006132$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	444.47	0.0001	P	5.4
2	☐	1.000	0.829	11163.14	0.0014	P	2.6
3	☐	50.000	50.769	622742.64	0.0821	P	4.2
4	☐	125.000	131.488	1593224.91	0.2125	P	1.0
5	☐	250.000	250.678	3015658.12	0.4051	P	0.2
6	☐	500.000	486.601	5984971.66	0.7863	A	0.6
7	☐	1000.000	1005.681	12176126.40	1.6251	A	0.5
8	☐			5365.09	0.0007	P	5.7

$$y = 0.0016 * x + 5.6675E-005$$

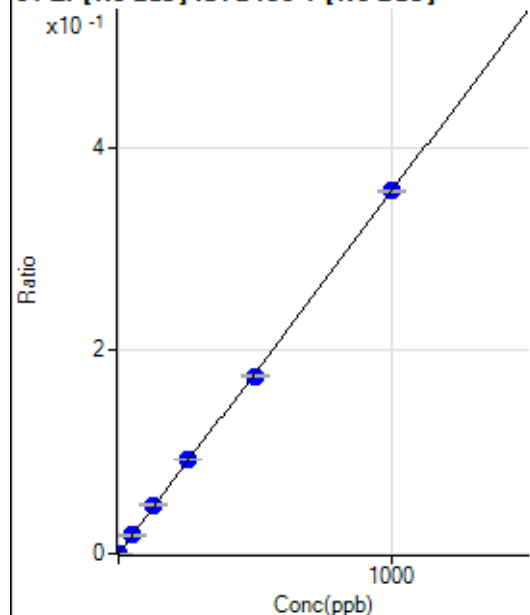
$$R = 0.9998$$

$$DL = 0.005646$$

$$BEC = 0.03508$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	21.6
2	☐	1.000	0.818	2414.20	0.0003	P	4.4
3	☐	50.000	51.128	138336.80	0.0182	P	4.2
4	☐	125.000	134.937	360679.45	0.0481	P	1.0
5	☐	250.000	260.624	691659.53	0.0929	P	0.1
6	☐	500.000	489.129	1327167.65	0.1744	P	0.8
7	☐	1000.000	1001.481	2674912.17	0.3570	P	0.6
8	☐			1191.77	0.0002	P	15.1

$$y = 3.5647\text{E-}004 * x + 1.0273\text{E-}005$$

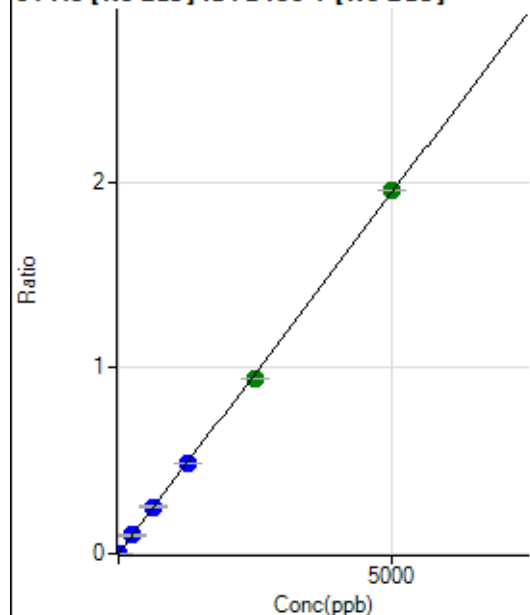
$$R = 0.9998$$

$$DL = 0.01867$$

$$BEC = 0.02882$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.23	0.0000	P	11.4
2	☐	5.000	4.606	14513.46	0.0018	P	0.5
3	☐	250.000	254.971	750555.02	0.0990	P	4.8
4	☐	625.000	652.693	1898770.99	0.2533	P	0.4
5	☐	1250.000	1247.098	3602153.34	0.4839	P	0.2
6	☐	2500.000	2432.302	7183278.20	0.9437	A	0.6
7	☐	5000.000	5030.864	14625886.44	1.9520	A	0.1
8	☐			13203.84	0.0018	P	3.8

$$y = 3.8799\text{E-}004 * x + 2.8336\text{E-}005$$

$$R = 0.9998$$

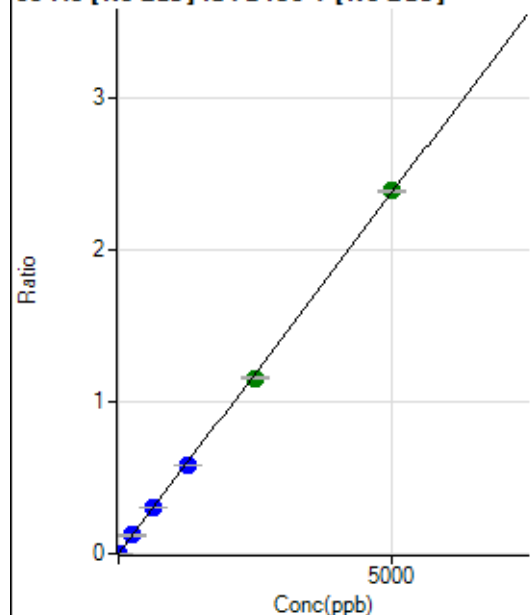
$$DL = 0.0249$$

$$BEC = 0.07303$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	25.1
2	☐	5.000	4.773	18181.60	0.0023	P	1.2
3	☐	250.000	256.006	919992.00	0.1213	P	4.8
4	☐	625.000	649.702	2307632.43	0.3078	P	0.2
5	☐	1250.000	1237.082	4362762.86	0.5861	P	0.3
6	☐	2500.000	2433.828	8776131.27	1.1530	A	0.7
7	☐	5000.000	5032.928	17865414.98	2.3843	A	0.5
8	☐			19458.42	0.0027	P	0.9

$$y = 4.7374\text{E-}004 * x + 1.2754\text{E-}005$$

R = 0.9998

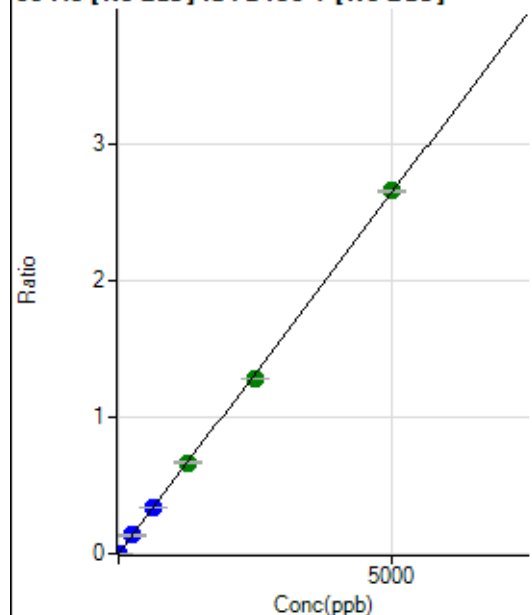
DL = 0.02025

BEC = 0.02692

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.12	0.0000	P	15.5
2	☐	5.000	4.771	20312.39	0.0025	P	1.5
3	☐	250.000	255.255	1024045.56	0.1350	P	4.6
4	☐	625.000	644.577	2555746.80	0.3409	P	0.3
5	☐	1250.000	1265.813	4983388.70	0.6694	A	0.8
6	☐	2500.000	2427.879	9772941.63	1.2840	A	0.5
7	☐	5000.000	5029.397	19929339.16	2.6598	A	0.3
8	☐			28276.17	0.0039	P	0.9

$$y = 5.2884\text{E-}004 * x + 1.7358\text{E-}005$$

R = 0.9998

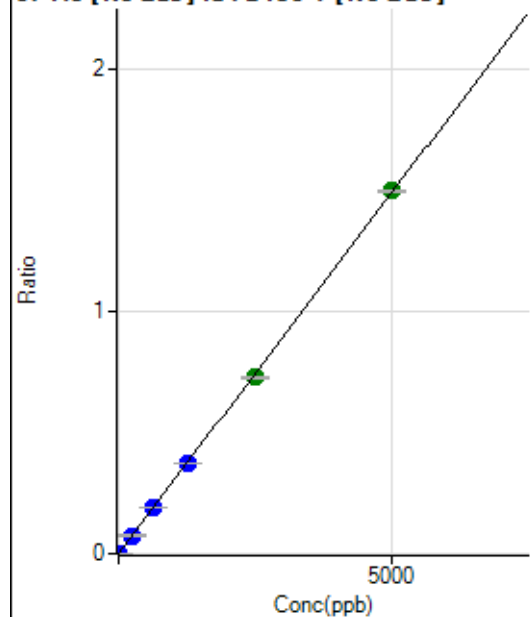
DL = 0.01524

BEC = 0.03282

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	18.4
2	☐	5.000	4.701	11277.16	0.0014	P	1.2
3	☐	250.000	252.846	571930.94	0.0754	P	4.5
4	☐	625.000	647.730	1447952.01	0.1931	P	0.7
5	☐	1250.000	1242.668	2758239.88	0.3705	P	0.4
6	☐	2500.000	2441.767	5541485.33	0.7281	A	0.6
7	☐	5000.000	5027.966	11232666.92	1.4992	A	0.8
8	☐			12369.71	0.0017	P	1.4

$$y = 2.9816\text{E-}004 * x + 8.8567\text{E-}006$$

R = 0.9999

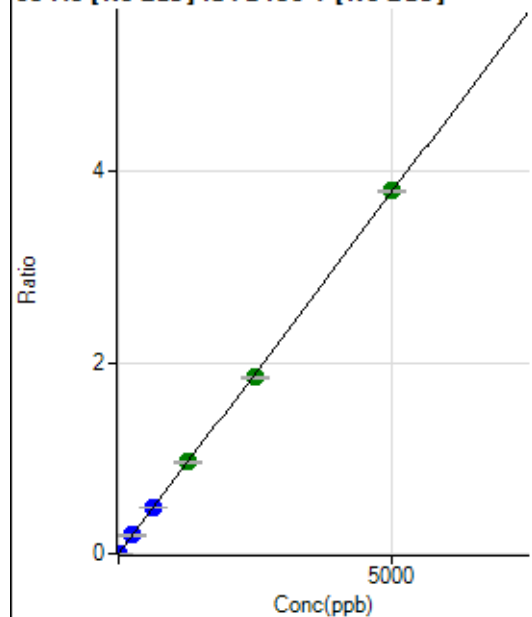
DL = 0.0164

BEC = 0.0297

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	24.5
2	☐	5.000	4.743	28785.68	0.0036	P	0.3
3	☐	250.000	253.270	1452138.10	0.1915	P	4.8
4	☐	625.000	643.081	3644270.48	0.4861	P	0.6
5	☐	1250.000	1268.194	7135959.62	0.9586	A	0.7
6	☐	2500.000	2438.632	14030003.96	1.8433	A	0.6
7	☐	5000.000	5023.712	28451840.22	3.7973	A	0.5
8	☐			30260.83	0.0041	P	0.7

$$y = 7.5587\text{E-}004 * x + 1.5232\text{E-}005$$

R = 0.9999

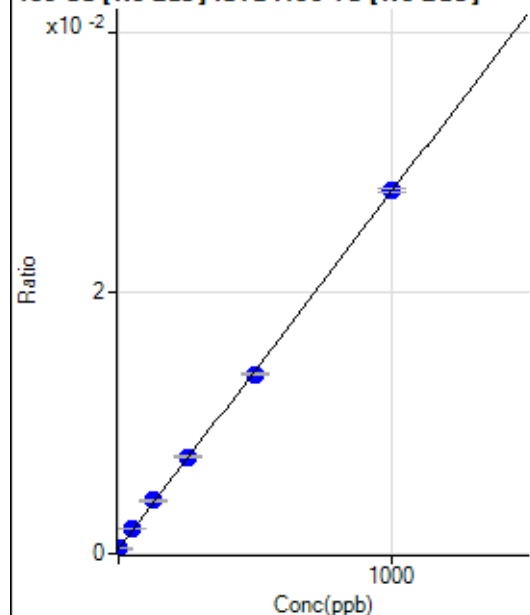
DL = 0.01482

BEC = 0.02015

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	2644.80	0.0004	P	5.3
2	☐	1.000	1.503	3042.11	0.0004	P	1.8
3	☐	50.000	55.439	13351.28	0.0019	P	3.7
4	☐	125.000	136.765	29559.62	0.0041	P	3.1
5	☐	250.000	258.192	54032.04	0.0074	P	1.9
6	☐	500.000	487.845	101912.78	0.0137	P	1.3
7	☐	1000.000	1002.287	204551.15	0.0278	P	1.2
8	☐			2853.19	0.0004	P	11.7

$$y = 2.7393\text{E-}005 * x + 3.7413\text{E-}004$$

$$R = 0.9998$$

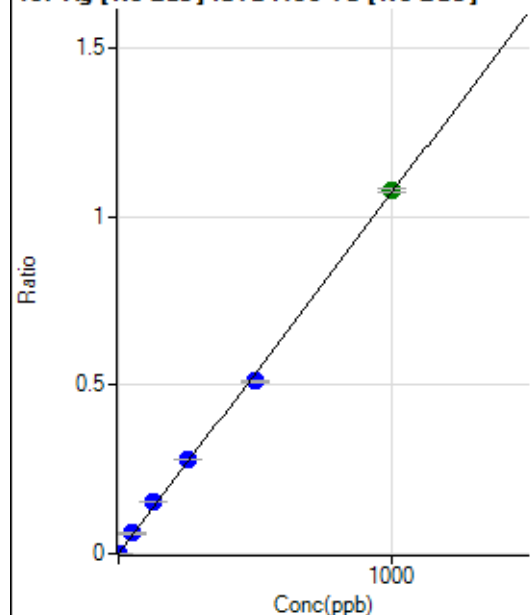
$$DL = 2.167$$

$$BEC = 13.66$$

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	66.67	0.0000	P	32.5
2	☐	1.000	1.161	9167.20	0.0013	P	5.8
3	☐	50.000	56.747	428323.61	0.0607	P	4.8
4	☐	125.000	142.139	1091498.97	0.1521	P	0.6
5	☐	250.000	261.932	2034033.40	0.2803	P	0.2
6	☐	500.000	478.368	3798064.06	0.5120	P	1.2
7	☐	1000.000	1005.353	7908557.21	1.0760	A	0.9
8	☐			2344.74	0.0003	P	8.3

$$y = 0.0011 * x + 9.4202\text{E-}006$$

$$R = 0.9994$$

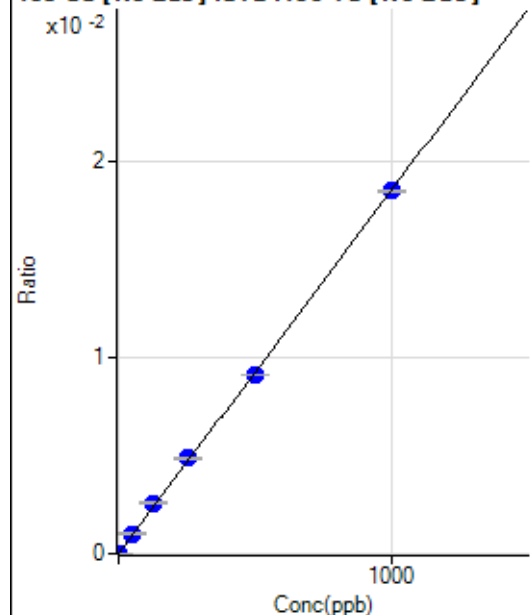
$$DL = 0.008575$$

$$BEC = 0.008802$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	57.2
2	☐	1.000	1.041	154.17	0.0000	P	15.2
3	☐	50.000	55.261	7240.88	0.0010	P	4.6
4	☐	125.000	139.974	18641.67	0.0026	P	0.6
5	☐	250.000	263.192	35434.85	0.0049	P	2.0
6	☐	500.000	492.322	67761.39	0.0091	P	0.2
7	☐	1000.000	998.406	136133.40	0.0185	P	0.8
8	☐			63.89	0.0000	P	26.6

$$y = 1.8549\text{E-}005 * x + 1.7644\text{E-}006$$

$$R = 0.9998$$

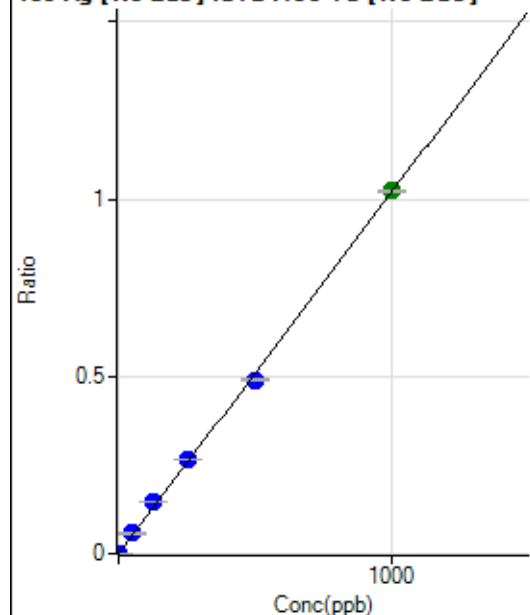
$$DL = 0.1631$$

$$BEC = 0.09512$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	15.7
2	☐	1.000	1.077	8097.12	0.0011	P	4.9
3	☐	50.000	56.535	406070.26	0.0576	P	5.1
4	☐	125.000	141.521	1034274.80	0.1442	P	0.7
5	☐	250.000	261.813	1934922.88	0.2667	P	0.1
6	☐	500.000	481.208	3636219.09	0.4901	P	0.7
7	☐	1000.000	1004.051	7517139.92	1.0227	A	0.2
8	☐			2258.62	0.0003	P	4.2

$$y = 0.0010 * x + 8.6457\text{E-}006$$

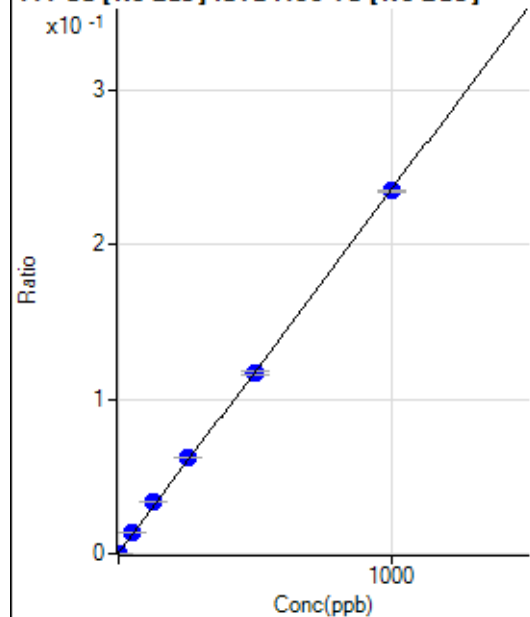
$$R = 0.9995$$

$$DL = 0.004009$$

$$BEC = 0.008488$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1852.34	0.0003	P	5.2
2	☐	1.000	1.081	3784.21	0.0005	P	4.6
3	☐	50.000	55.995	94886.07	0.0135	P	5.2
4	☐	125.000	140.150	238848.18	0.0333	P	0.1
5	☐	250.000	264.273	453766.56	0.0625	P	0.6
6	☐	500.000	495.807	868727.90	0.1171	P	1.1
7	☐	1000.000	996.335	1727725.23	0.2351	P	0.2
8	☐			2560.87	0.0004	P	9.7

$$y = 2.3566E-004 * x + 2.6203E-004$$

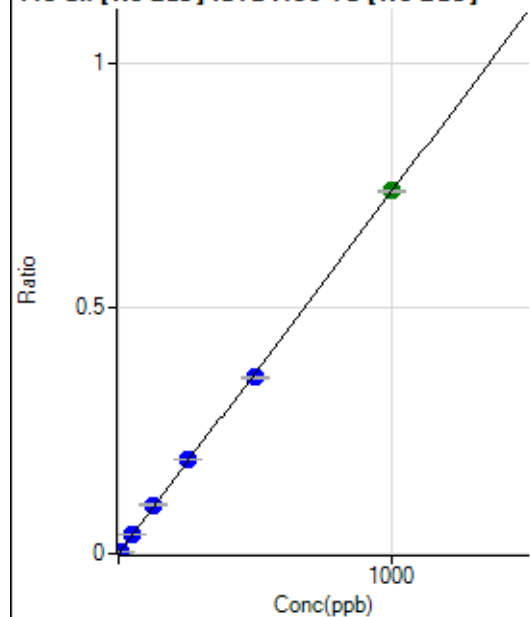
$$R = 0.9998$$

$$DL = 0.1742$$

$$BEC = 1.112$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	277.79	0.0000	P	9.1
2	☐	5.000	5.071	27664.26	0.0038	P	2.4
3	☐	50.000	54.067	281295.99	0.0399	P	5.1
4	☐	125.000	135.342	716083.69	0.0998	P	0.7
5	☐	250.000	260.713	1394713.55	0.1922	P	0.4
6	☐	500.000	486.352	2660088.02	0.3586	P	0.2
7	☐	1000.000	1002.649	5432801.12	0.7391	A	0.8
8	☐			5065.03	0.0007	P	5.9

$$y = 7.3715E-004 * x + 3.9286E-005$$

$$R = 0.9998$$

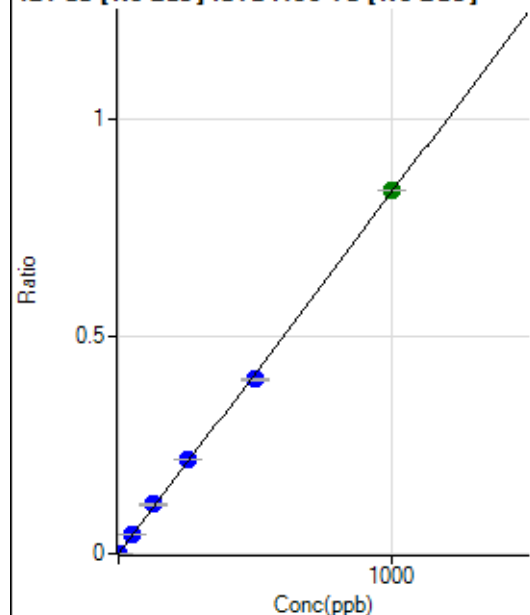
$$DL = 0.01449$$

$$BEC = 0.05329$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.89	0.0000	P	3.0
2	☐	2.000	1.930	11897.14	0.0016	P	3.4
3	☐	50.000	52.847	309332.80	0.0439	P	4.6
4	☐	125.000	135.934	809251.61	0.1128	P	1.5
5	☐	250.000	259.307	1561046.84	0.2151	P	0.3
6	☐	500.000	482.412	2969244.21	0.4002	P	0.8
7	☐	1000.000	1004.958	6128335.25	0.8337	A	0.1
8	☐			6604.60	0.0010	P	3.8

$$y = 8.2961\text{E-}004 * x + 2.3186\text{E-}005$$

$$R = 0.9997$$

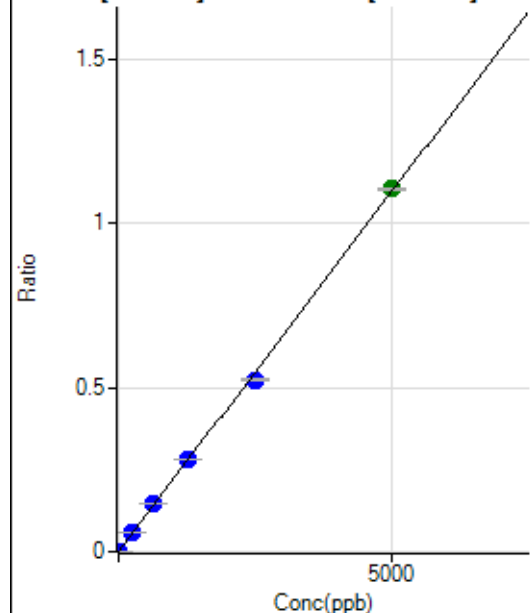
$$DL = 0.002496$$

$$BEC = 0.02795$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	43.8
2	☐	10.000	10.026	16107.24	0.0022	P	4.0
3	☐	250.000	266.582	411808.76	0.0584	P	5.2
4	☐	625.000	674.089	1059578.19	0.1477	P	1.1
5	☐	1250.000	1283.110	2039640.13	0.2811	P	0.4
6	☐	2500.000	2383.564	3874046.01	0.5222	P	1.1
7	☐	5000.000	5042.975	8121153.13	1.1048	A	0.8
8	☐			2697.60	0.0004	P	2.3

$$y = 2.1908\text{E-}004 * x + 3.1485\text{E-}006$$

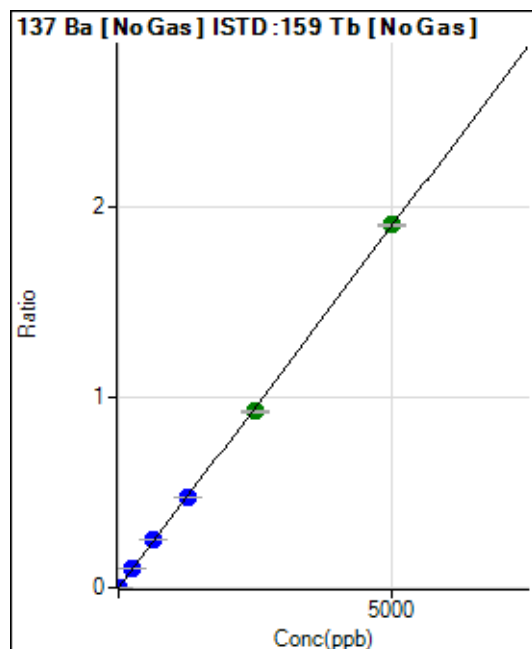
$$R = 0.9995$$

$$DL = 0.0189$$

$$BEC = 0.01437$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	56.8
2	☐	10.000	9.723	26996.56	0.0037	P	2.0
3	☐	250.000	263.845	704667.53	0.0999	P	3.9
4	☐	625.000	659.672	1792067.42	0.2498	P	0.5
5	☐	1250.000	1255.392	3448808.74	0.4753	P	0.5
6	☐	2500.000	2440.574	6855547.11	0.9241	A	0.5
7	☐	5000.000	5023.339	13980311.60	1.9020	A	0.5
8	☐			4742.69	0.0007	P	4.3

$$y = 3.7862\text{E-}004 * x + 4.3209\text{E-}006$$

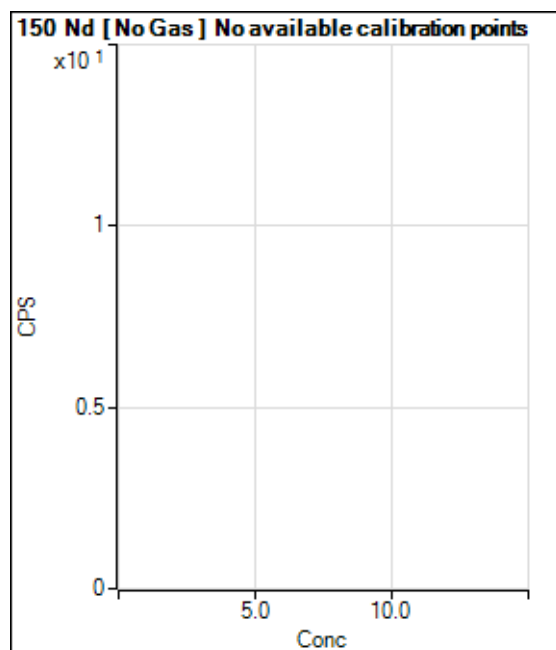
$$R = 0.9999$$

$$DL = 0.01944$$

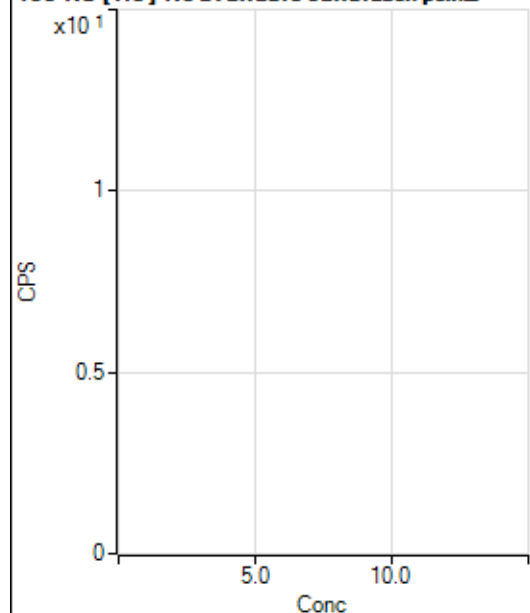
$$BEC = 0.01141$$

Weight: <None>

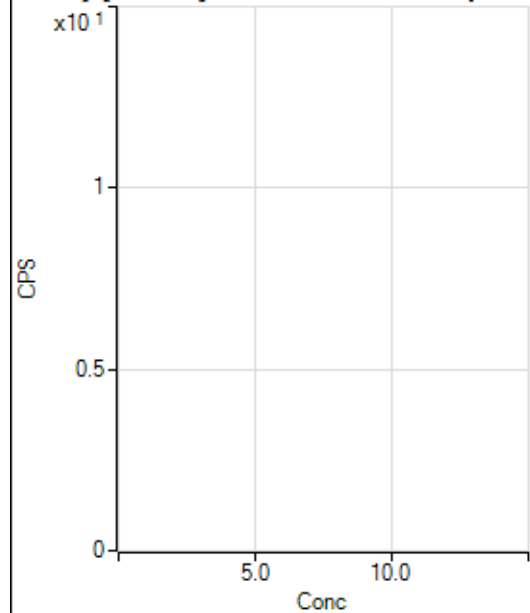
Min Conc: 0



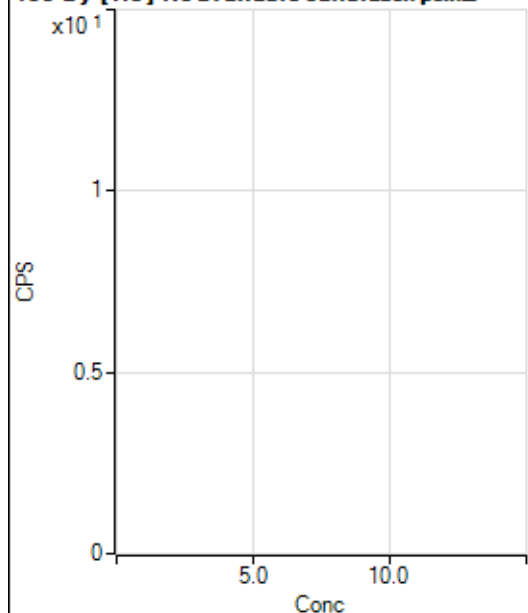
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	0.0
3	☐			42.22		P	24.1
4	☐			93.34		P	18.9
5	☐			144.45		P	13.3
6	☐			362.24		P	9.4
7	☐			660.04		P	1.0
8	☐			60.00		P	29.4

150 Nd [He] No available calibration points

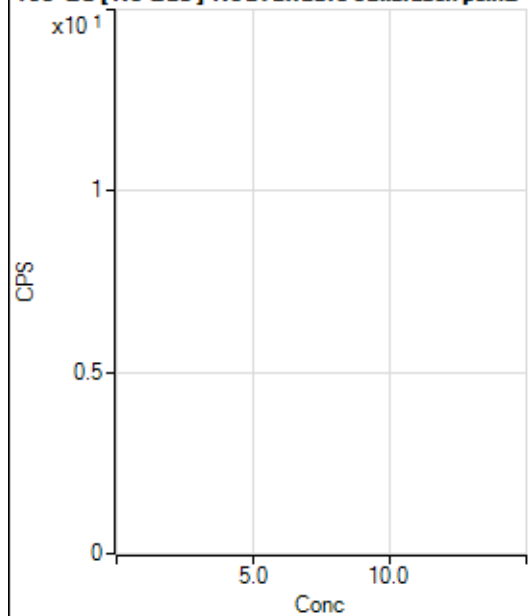
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			3.33		P	173.
3	☐			14.44		P	13.4
4	☐			18.89		P	20.4
5	☐			15.56		P	32.7
6	☐			43.33		P	46.2
7	☐			67.78		P	10.2
8	☐			35.55		P	10.8

156 Dy [No Gas] No available calibration points

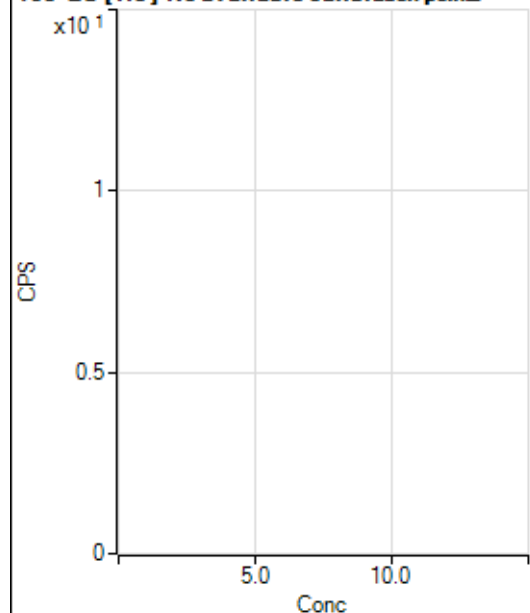
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐			11.11		P	114.
3	☐			5.55		P	86.6
4	☐			41.67		P	72.1
5	☐			33.33		P	66.2
6	☐			108.34		P	23.1
7	☐			130.56		P	36.3
8	☐			33.33		P	75.0

156 Dy [He] No available calibration points

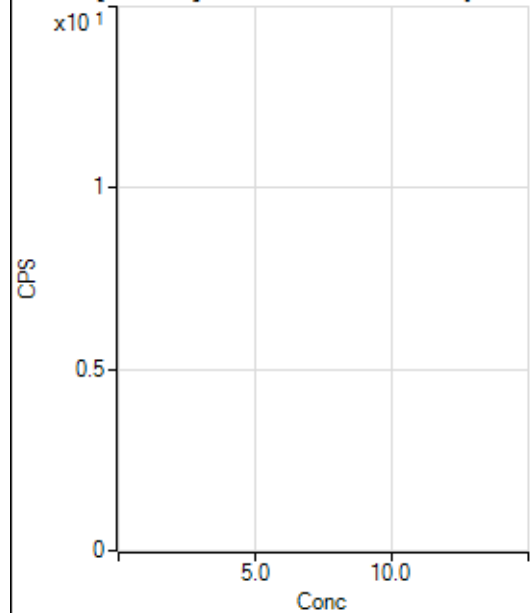
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			11.11		P	62.5
3	☐			15.56		P	32.7
4	☐			26.66		P	21.7
5	☐			61.11		P	35.1
6	☐			104.45		P	6.6
7	☐			215.56		P	5.4
8	☐			28.89		P	40.5

160 Gd [No Gas] Noavailable calibration poin_

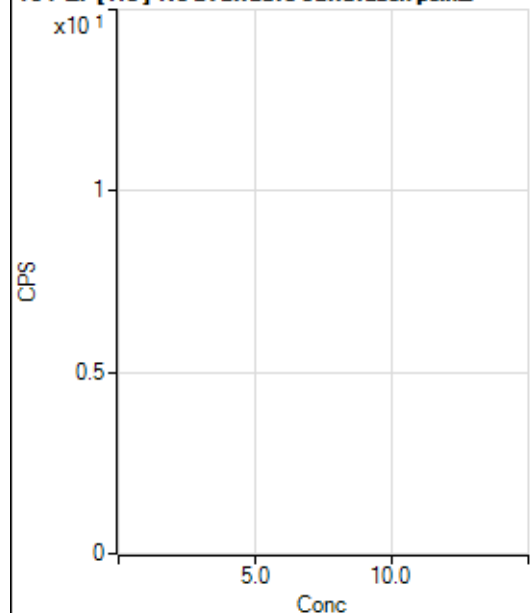
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	12.4
2	☐			47.22		P	10.2
3	☐			52.78		P	18.2
4	☐			50.00		P	28.9
5	☐			80.56		P	15.8
6	☐			83.34		P	78.1
7	☐			77.78		P	16.4
8	☐			80.56		P	29.9

160 Gd [He] No available calibration points

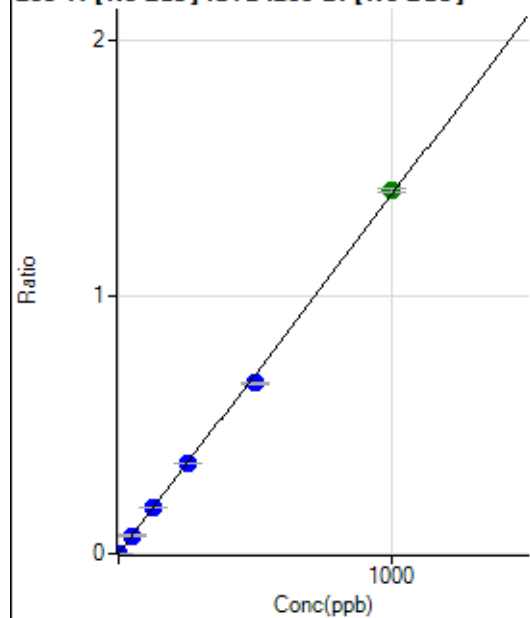
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			190.00		P	19.8
2	☐			156.67		P	8.5
3	☐			155.56		P	6.9
4	☐			178.89		P	9.2
5	☐			171.11		P	9.6
6	☐			191.12		P	15.8
7	☐			183.34		P	7.9
8	☐			155.56		P	21.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	55.5
2	☐			63.89		P	27.2
3	☐			38.89		P	53.9
4	☐			47.22		P	88.8
5	☐			55.56		P	45.8
6	☐			66.67		P	0.0
7	☐			61.12		P	75.1
8	☐			66.67		P	25.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	24.1
2	☐			35.56		P	23.6
3	☐			36.67		P	39.6
4	☐			43.33		P	33.5
5	☐			33.33		P	17.3
6	☐			54.44		P	25.5
7	☐			35.55		P	37.9
8	☐			43.33		P	58.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	313.91	0.0001	P	7.1
2	☐	1.000	0.922	5670.88	0.0014	P	3.2
3	☐	50.000	50.407	286064.39	0.0704	P	4.9
4	☐	125.000	129.892	751991.96	0.1813	P	0.8
5	☐	250.000	252.039	1461101.43	0.3517	P	0.8
6	☐	500.000	475.120	2770406.46	0.6629	P	0.5
7	☐	1000.000	1011.298	5692118.31	1.4109	A	1.0
8	☐			2272.52	0.0007	P	3.6

$$y = 0.0014 * x + 7.7316E-005$$

$$R = 0.9995$$

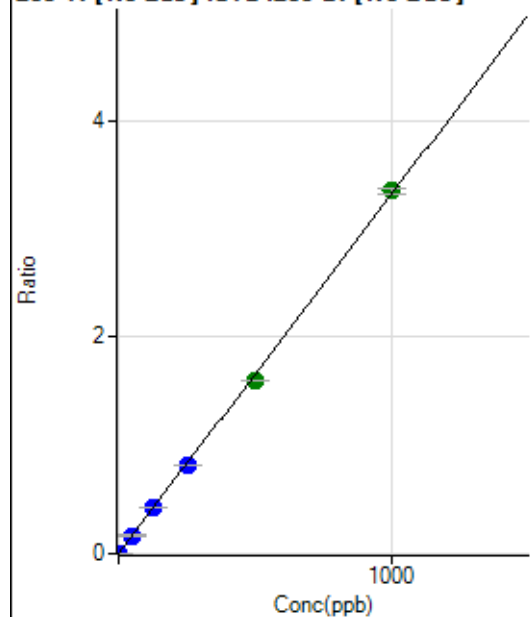
$$DL = 0.01185$$

$$BEC = 0.05542$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	555.59	0.0001	P	8.4
2	☐	1.000	0.921	13273.86	0.0032	P	2.3
3	☐	50.000	50.143	675856.14	0.1663	P	5.2
4	☐	125.000	127.785	1757551.44	0.4237	P	0.7
5	☐	250.000	244.914	3373208.45	0.8119	P	0.6
6	☐	500.000	482.163	6679591.29	1.5982	A	0.7
7	☐	1000.000	1009.835	13504232.94	3.3472	A	1.3
8	☐			4789.96	0.0014	P	3.7

$$y = 0.0033 * x + 1.3693E-004$$

$$R = 0.9997$$

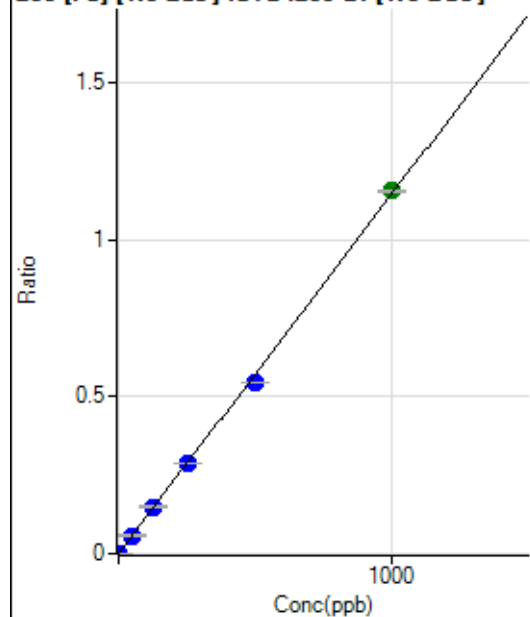
$$DL = 0.01043$$

$$BEC = 0.04131$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	537.06	0.0001	P	5.2
2	☐	1.000	0.952	5078.89	0.0012	P	5.7
3	☐	50.000	50.647	235834.67	0.0580	P	5.4
4	☐	125.000	130.805	621011.59	0.1497	P	0.6
5	☐	250.000	253.735	1206021.48	0.2903	P	0.2
6	☐	500.000	476.510	2277666.36	0.5450	P	1.0
7	☐	1000.000	1010.053	4660247.67	1.1551	A	0.6
8	☐			15947.01	0.0046	P	2.0

$$y = 0.0011 * x + 1.3227E-004$$

$$R = 0.9996$$

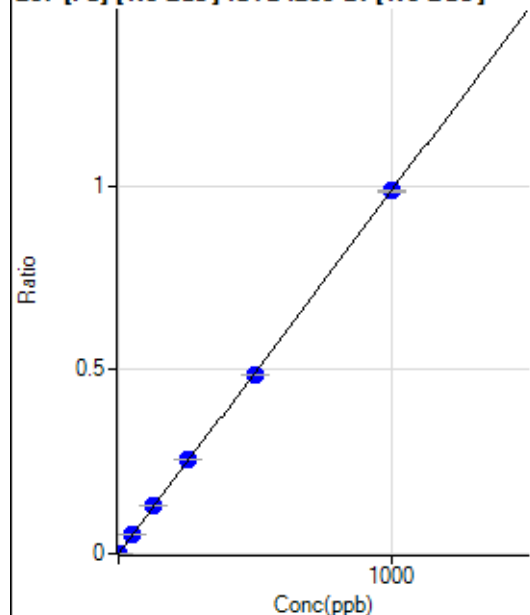
$$DL = 0.01795$$

$$BEC = 0.1157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	527.81	0.0001	P	1.5
2	☐	1.000	0.992	4617.58	0.0011	P	3.3
3	☐	50.000	52.353	210670.50	0.0518	P	4.3
4	☐	125.000	134.421	551256.25	0.1329	P	0.3
5	☐	250.000	259.657	1066064.59	0.2566	P	0.7
6	☐	500.000	492.916	2035091.94	0.4869	P	0.6
7	☐	1000.000	999.832	3984469.01	0.9876	P	0.8
8	☐			14241.30	0.0041	P	1.5

$$y = 9.8762\text{E-}004 * x + 1.3004\text{E-}004$$

$$R = 0.9999$$

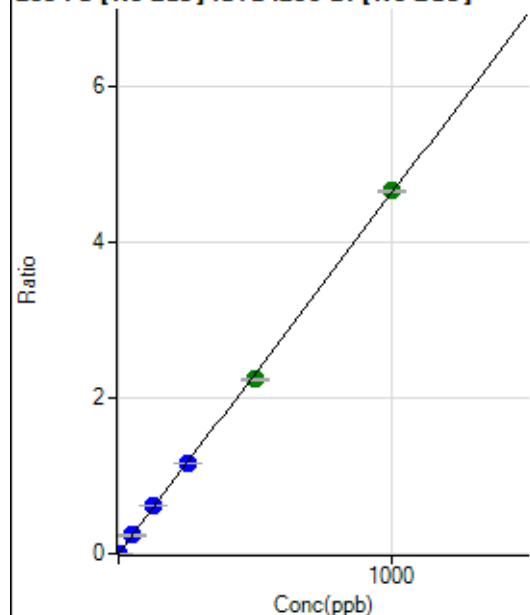
$$DL = 0.00574$$

$$BEC = 0.1317$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1857.51	0.0005	P	5.8
2	☐	1.000	0.950	20221.30	0.0049	P	0.8
3	☐	50.000	50.722	956841.30	0.2355	P	4.7
4	☐	125.000	130.890	2517448.99	0.6069	P	0.3
5	☐	250.000	251.888	4850645.68	1.1674	P	0.2
6	☐	500.000	483.933	9372092.62	2.2425	A	0.5
7	☐	1000.000	1006.789	18820635.08	4.6649	A	0.7
8	☐			64425.62	0.0185	P	0.6

$$y = 0.0046 * x + 4.5749\text{E-}004$$

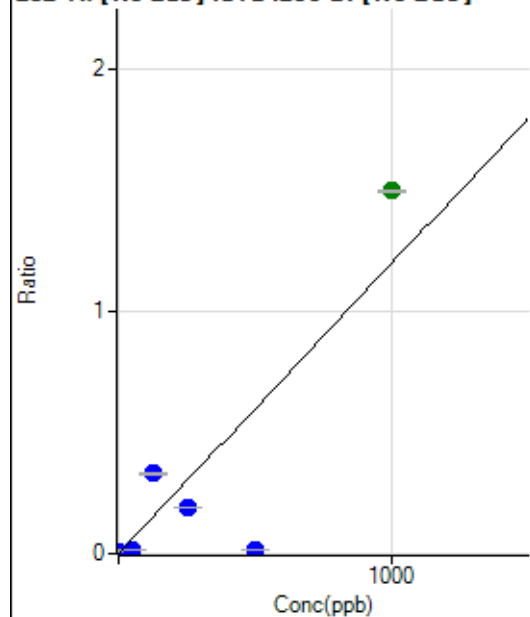
$$R = 0.9998$$

$$DL = 0.01725$$

$$BEC = 0.09875$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1214.90	0.0003	P	2.2
2	☐	1.000	3.555	18943.86	0.0046	P	3.0
3	☐	50.000	11.293	56146.96	0.0138	P	5.1
4	☐	125.000	274.720	1365342.02	0.3291	P	1.1
5	☐	250.000	160.171	797751.36	0.1920	P	0.9
6	☐	500.000	12.747	65015.34	0.0156	P	1.5
7	☐	1000.000	1249.302	6034278.66	1.4956	A	0.3
8	☐			3533.92	0.0010	P	5.6

$$y = 0.0012 * x + 2.9931E-004$$

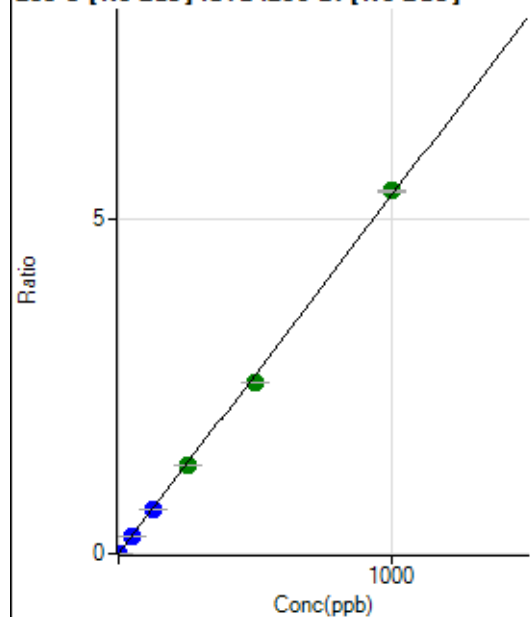
$$R = 0.8615$$

$$DL = 0.0165$$

$$BEC = 0.2501$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1539.05	0.0004	P	6.2
2	☐	1.000	0.901	21649.33	0.0052	P	4.5
3	☐	50.000	47.004	1024174.76	0.2520	P	4.2
4	☐	125.000	123.243	2738267.31	0.6601	P	1.4
5	☐	250.000	246.338	5480049.04	1.3190	A	0.6
6	☐	500.000	476.872	10669974.02	2.5530	A	0.4
7	☐	1000.000	1012.849	21875490.94	5.4220	A	0.4
8	☐			7052.16	0.0020	P	3.2

$$y = 0.0054 * x + 3.7920E-004$$

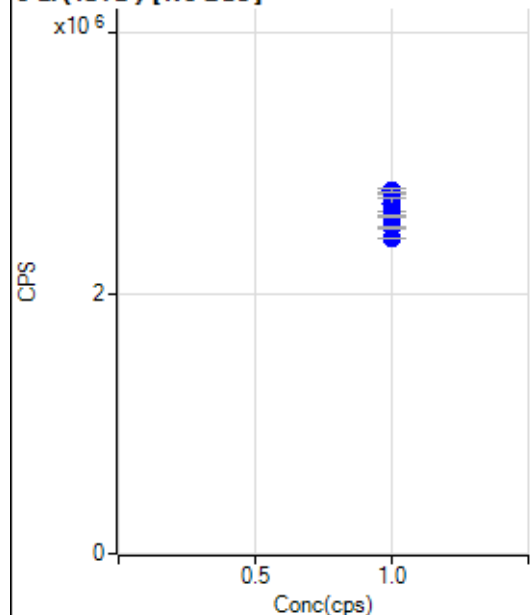
$$R = 0.9996$$

$$DL = 0.01327$$

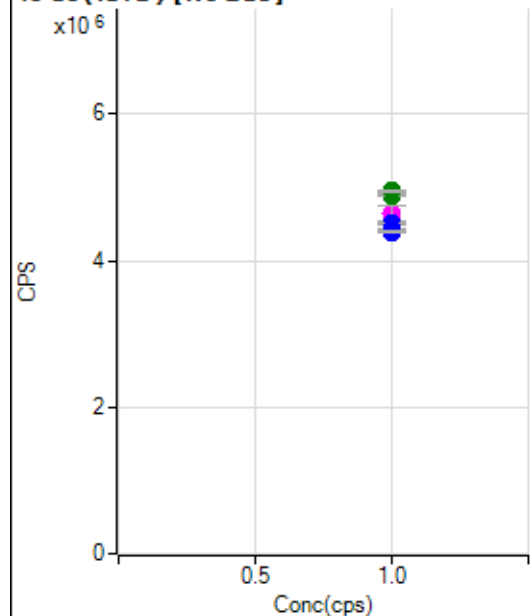
$$BEC = 0.07084$$

Weight: <None>

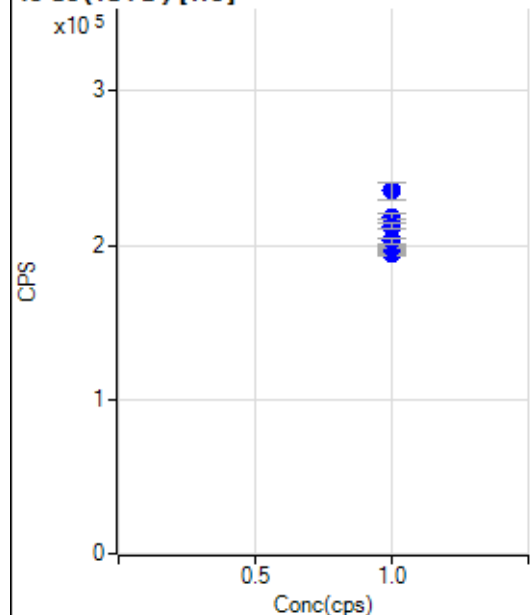
Min Conc: 0

6 Li (ISTD) [No Gas]

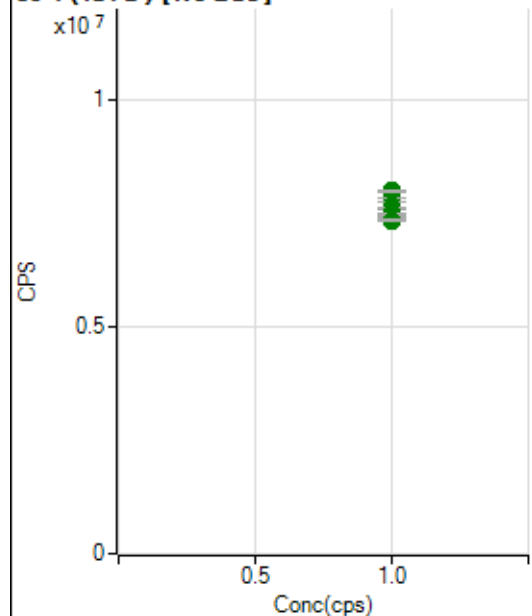
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2774968.99		P	0.3
2	☐	1.000		2788897.11		P	1.0
3	☐	1.000		2684414.91		P	3.8
4	☐	1.000		2632264.37		P	0.5
5	☐	1.000		2585998.00		P	0.2
6	☐	1.000		2594530.19		P	0.4
7	☐	1.000		2510252.93		P	0.6
8	☐	1.000		2424508.37		P	0.4

45 Sc (ISTD) [No Gas]

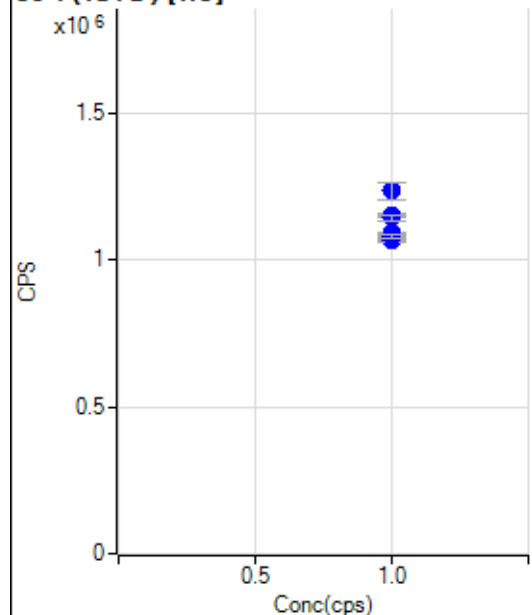
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4889891.99		A	0.3
2	☐	1.000		4952778.24		A	0.7
3	☐	1.000		4648755.92		M	4.1
4	☐	1.000		4515846.93		P	0.2
5	☐	1.000		4411382.04		P	0.5
6	☐	1.000		4499429.31		P	0.4
7	☐	1.000		4423831.91		P	0.2
8	☐	1.000		4391380.66		P	0.3

45 Sc (ISTD) [He]

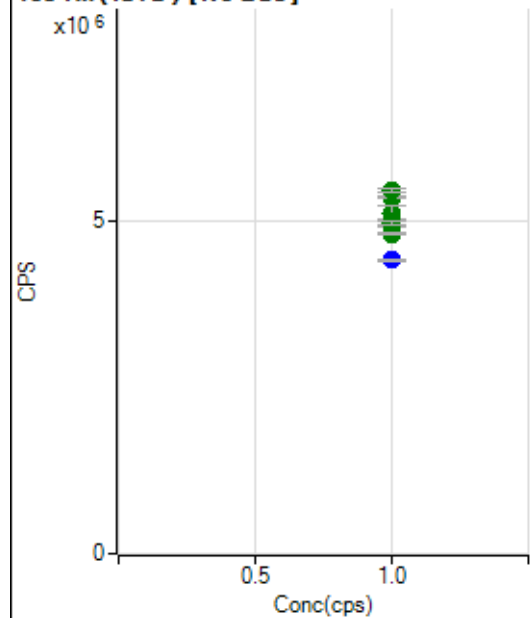
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		218172.95		P	1.8
2	☐	1.000		235118.71		P	4.7
3	☐	1.000		212263.58		P	1.7
4	☐	1.000		196076.72		P	0.6
5	☐	1.000		194367.42		P	0.7
6	☐	1.000		198487.97		P	0.5
7	☐	1.000		198862.04		P	1.1
8	☐	1.000		202742.09		P	1.6

89 Y (ISTD) [No Gas]

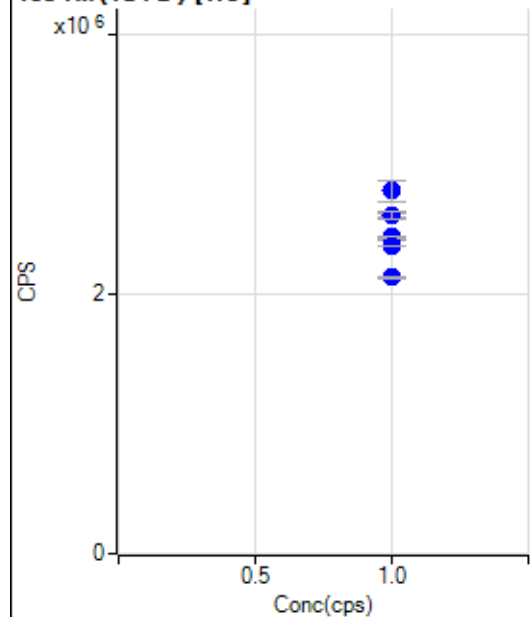
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7842248.22		A	0.1
2	☐	1.000		7994666.48		A	0.6
3	☐	1.000		7594879.54		A	4.2
4	☐	1.000		7497143.01		A	0.6
5	☐	1.000		7444080.93		A	0.2
6	☐	1.000		7611551.90		A	0.6
7	☐	1.000		7492852.39		A	0.6
8	☐	1.000		7338775.59		A	0.4

89 Y (ISTD) [He]

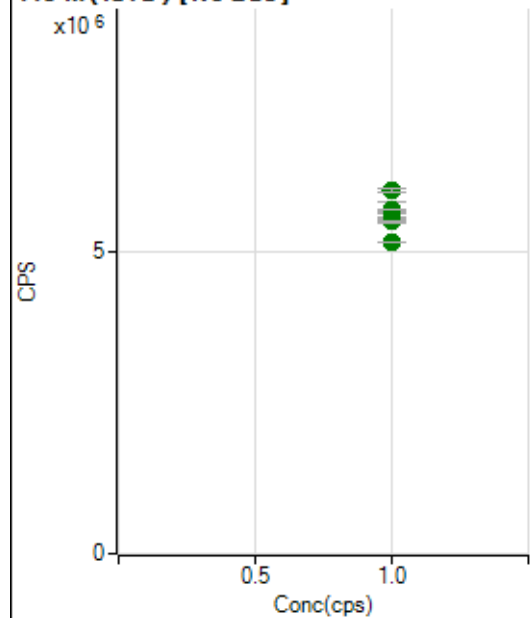
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1154471.41		P	0.8
2	☐	1.000		1236913.17		P	5.1
3	☐	1.000		1146154.65		P	1.7
4	☐	1.000		1068278.57		P	0.3
5	☐	1.000		1069220.01		P	0.8
6	☐	1.000		1094618.72		P	0.5
7	☐	1.000		1082108.84		P	0.3
8	☐	1.000		1083524.61		P	1.2

103 Rh (ISTD) [No Gas]

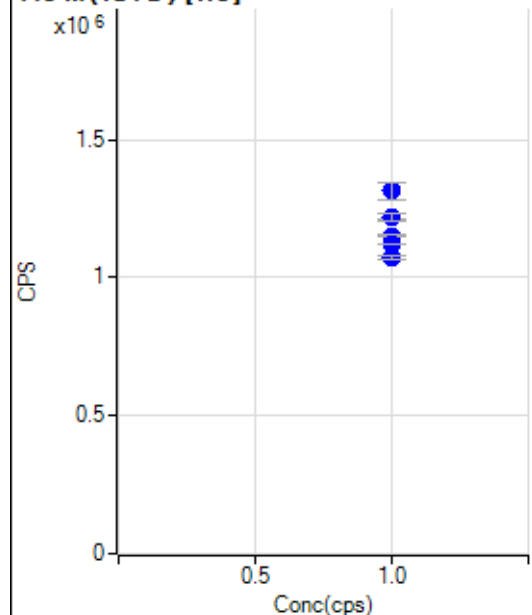
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5352141.27		A	0.6
2	☐	1.000		5446229.46		A	1.0
3	☐	1.000		5114492.43		A	4.0
4	☐	1.000		5003037.09		A	0.3
5	☐	1.000		4929308.36		A	0.4
6	☐	1.000		4968493.77		A	0.7
7	☐	1.000		4801878.67		A	0.7
8	☐	1.000		4405159.91		P	0.9

103 Rh (ISTD) [He]

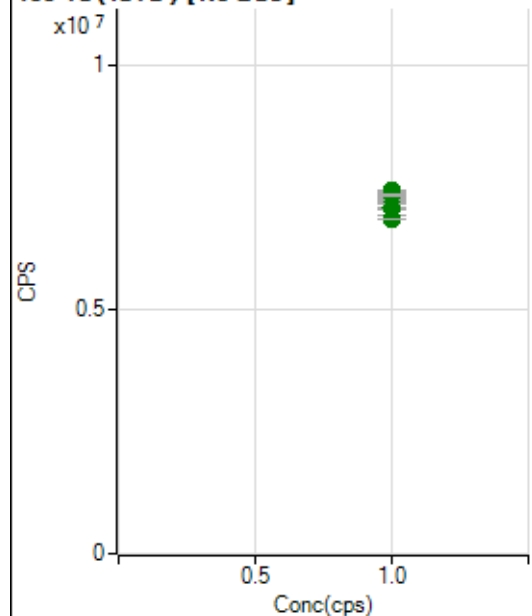
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2607775.97		P	1.0
2	☐	1.000		2794429.61		P	5.5
3	☐	1.000		2607675.72		P	1.8
4	☐	1.000		2434499.20		P	1.1
5	☐	1.000		2421255.38		P	0.4
6	☐	1.000		2439043.64		P	0.7
7	☐	1.000		2369355.42		P	0.2
8	☐	1.000		2126563.42		P	1.2

115 In (ISTD) [No Gas]

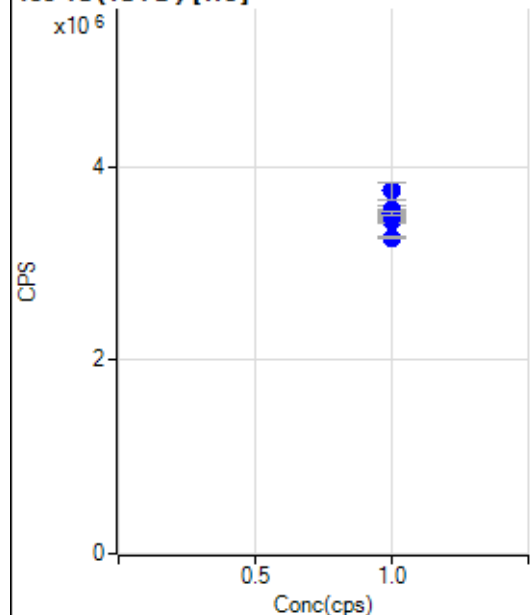
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5562163.11		A	0.1
2	☐	1.000		6015807.59		A	0.9
3	☐	1.000		5702589.60		A	4.5
4	☐	1.000		5690736.96		A	0.6
5	☐	1.000		5652248.34		A	0.8
6	☐	1.000		5698222.20		A	0.1
7	☐	1.000		5503267.53		A	0.5
8	☐	1.000		5155695.07		A	0.2

115 In (ISTD) [He]

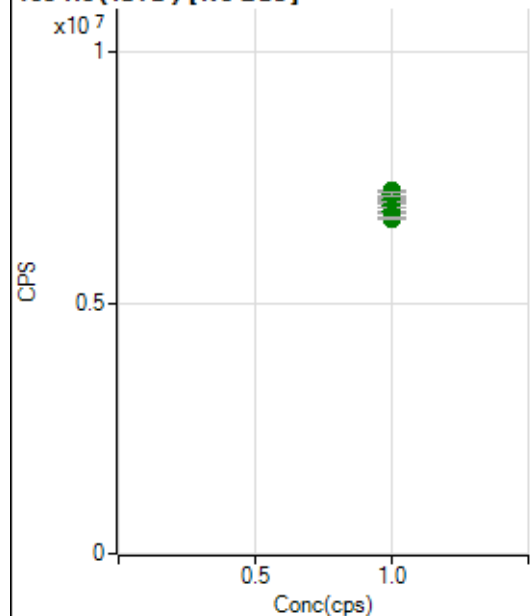
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1222418.79		P	1.4
2	☐	1.000		1314247.59		P	5.0
3	☐	1.000		1219996.09		P	2.2
4	☐	1.000		1148872.51		P	0.5
5	☐	1.000		1148939.77		P	0.5
6	☐	1.000		1152384.50		P	0.7
7	☐	1.000		1120733.39		P	0.4
8	☐	1.000		1075241.26		P	1.2

159 Tb (ISTD) [No Gas]

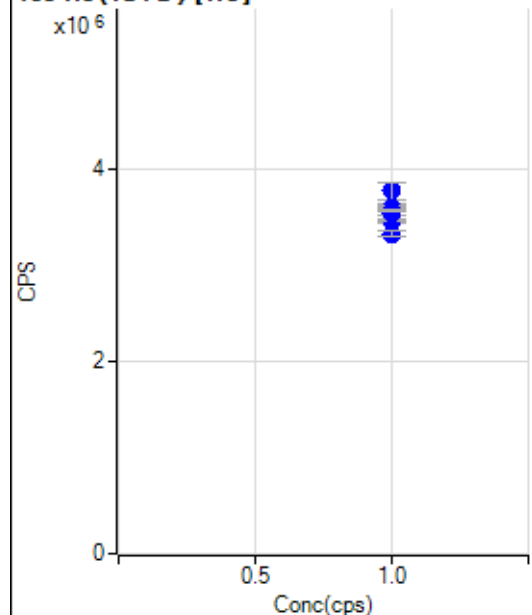
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7068686.91		A	0.6
2	☐	1.000		7325369.82		A	1.6
3	☐	1.000		7061627.74		A	4.5
4	☐	1.000		7174977.46		A	0.8
5	☐	1.000		7255695.10		A	0.2
6	☐	1.000		7418989.75		A	0.8
7	☐	1.000		7350383.92		A	0.6
8	☐	1.000		6842986.98		A	0.3

159 Tb (ISTD) [He]

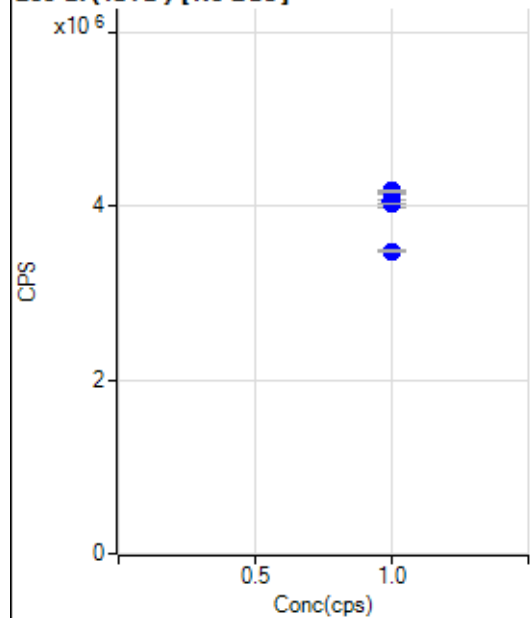
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3442853.39		P	0.7
2	☐	1.000		3745336.26		P	5.1
3	☐	1.000		3557918.63		P	2.3
4	☐	1.000		3428887.31		P	0.7
5	☐	1.000		3475367.80		P	0.5
6	☐	1.000		3548245.88		P	0.8
7	☐	1.000		3511176.93		P	0.8
8	☐	1.000		3260966.44		P	0.9

165 Ho (ISTD) [No Gas]

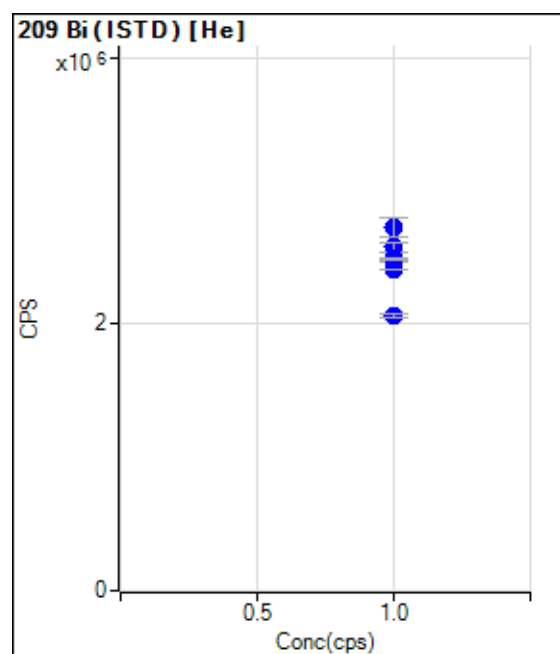
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6799904.97		A	0.7
2	☐	1.000		7019391.48		A	1.6
3	☐	1.000		6822072.33		A	4.5
4	☐	1.000		6953050.46		A	1.2
5	☐	1.000		7056259.10		A	0.9
6	☐	1.000		7237460.67		A	0.4
7	☐	1.000		7169622.04		A	0.7
8	☐	1.000		6690778.45		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3446733.18		P	1.1
2	☐	1.000		3765091.40		P	4.8
3	☐	1.000		3587504.98		P	2.0
4	☐	1.000		3466882.55		P	0.7
5	☐	1.000		3541201.44		P	1.1
6	☐	1.000		3596238.63		P	0.6
7	☐	1.000		3560118.66		P	0.2
8	☐	1.000		3322633.08		P	2.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4059185.43		P	0.8
2	☐	1.000		4159889.04		M	0.8
3	☐	1.000		4069208.97		P	4.2
4	☐	1.000		4148321.22		P	0.4
5	☐	1.000		4154888.41		P	1.0
6	☐	1.000		4179412.26		P	0.7
7	☐	1.000		4034624.07		P	0.4
8	☐	1.000		3484909.98		P	0.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2486152.96		P	1.3
2	☐	1.000		2723101.24		P	5.4
3	☐	1.000		2576761.94		P	2.7
4	☐	1.000		2482806.89		P	1.0
5	☐	1.000		2491709.91		P	0.3
6	☐	1.000		2493472.01		P	0.7
7	☐	1.000		2409051.08		P	0.1
8	☐	1.000		2059789.08		P	1.3

US EPA Tune Check Sample Report

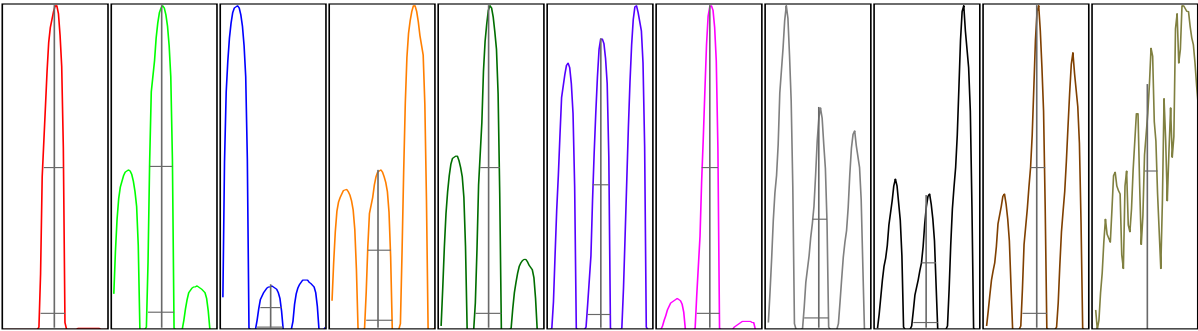
Batch Folder D:\ICP-MS Data\P7111819-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10051	0.59	5.00	
24	92591	0.28	5.00	
25	12149	0.42	5.00	
26	14057	0.36	5.00	
59	61882	0.41	5.00	
113	7062	0.85	5.00	
115	83315	0.60	5.00	
206	16621	0.41	5.00	
207	14980	0.52	5.00	
208	35967	0.67	5.00	
220	55	1.57		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	10080	10088	9990	9987	10113
24	92944	92769	92309	92528	92403
25	12207	12171	12072	12162	12132
26	14136	14057	13997	14059	14036
59	62265	62005	61609	61771	61759
113	7119	7070	6966	7048	7106
115	83857	83112	82698	83094	83816
206	16550	16679	16548	16638	16691
207	14991	14935	14877	15017	15079
208	36241	36122	35625	35855	35994
220	55	54	56	54	56

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	17682	9.00	8.9 - 9.1		0.734	0.900	
24	149693	23.95	23.9 - 24.1		0.783	0.900	
25	20108	24.95	24.9 - 25.1		0.782	0.900	
26	22797	25.90	25.9 - 26.1		0.784	0.900	
59	112215	58.95	58.9 - 59.1		0.763	0.900	
113	14778	113.05	112.9 - 113.1		0.670	0.900	
115	174939	115.05	114.9 - 115.1		0.674	0.900	
206	37864	206.05	205.9 - 206.1		0.721	0.900	
207	33424	207.00	206.9 - 207.1		0.732	0.900	
208	81463	208.05	207.9 - 208.1		0.726	0.900	
220	58	220.10	-				

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	8.3	V	Deflect	14.2	V
Extract 2	-135.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	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	140	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	14904	0.49	
89	13950	0.47	
205	14306	0.62	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	14838	14958	14815	14978	14930
89	13953	13905	13889	13948	14055
205	14295	14358	14159	14386	14331

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	9.0	V	Deflect	1.4	V
Extract 2	-140.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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 : LB106370 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 16:04:22 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.31	0.15	0.16	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.17	0.09	0.07	0.00	N/A	ppb
Boron	11-1	0.08	-0.13	0.05	0.00	N/A	ppb
Cadmium	111-1	-0.05	-0.01	0.06	0.00	N/A	ppb
Cadmium	106-1	-0.67	-0.10	0.77	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.06	-0.03	0.00	N/A	ppb
Calcium	43-1	0.21	-0.42	0.22	0.00	N/A	ppb
Calcium	44-1	0.45	-0.14	-0.31	0.00	N/A	ppb
Chromium	52-2	-0.01	-0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.00	-0.09	0.09	0.00	N/A	ppb
Iron	57-2	-0.95	0.51	0.44	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.04	-0.24	0.28	0.00	N/A	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:04:22	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.00	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	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-112.35	-77.76	-57.15	-82.42		ppb
Potassium	39-2	0.44	0.46	-0.89	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.64	-0.84	0.20	0.00	N/A	ppb
Selenium	82-1	0.11	-0.19	0.08	0.00	N/A	ppb
Silicon	28-1	-0.12	0.05	0.07	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.37	-0.40	0.77	0.00	N/A	ppb
Strontium	86-1	0.03	0.00	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-143.43	-731.71	-272.88	-382.67		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.03	-0.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:04:22	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.21	-0.01	0.22	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 16:17:23 DataFile Name : 003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.94	20.00	15.29	17.74	13.30	ppb
Antimony	121-1	1.98	1.96	1.85	1.93	3.48	ppb
Arsenic	75-2	1.10	0.98	0.82	0.97	14.23	ppb
Barium	135-1	10.43	10.03	9.62	10.03	4.05	ppb
Barium	137-1	9.58	9.95	9.65	9.72	2.03	ppb
Beryllium	9-1	1.06	1.08	1.04	1.06	2.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				110		%
Boron	10-1	24.51	23.04	23.84	23.80	3.08	ppb
Boron	11-1	23.96	23.97	23.50	23.81	1.13	ppb
Cadmium	111-1	1.12	1.15	0.97	1.08	9.34	ppb
Cadmium	106-1	1.81	1.35	1.35	1.50	17.75	ppb
Cadmium	108-1	0.92	1.24	0.96	1.04	16.63	ppb
Calcium	43-1	472.82	491.55	481.81	482.06	1.94	ppb
Calcium	44-1	476.62	477.89	478.37	477.63	0.19	ppb
Chromium	52-2	1.95	1.95	1.68	1.86	8.41	ppb
Cobalt	59-2	0.98	1.01	0.95	0.98	3.07	ppb
Copper	63-2	2.03	2.01	1.82	1.96	5.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	55.92	55.20	51.21	54.11	4.68	ppb
Iron	57-2	52.81	53.08	49.33	51.74	4.04	ppb
Krypton	83-1						cps
Lead	206-1	0.93	1.02	0.90	0.95	6.43	ppb
Lead	207-1	0.96	0.98	1.03	0.99	3.70	ppb
Lead	208-1	0.94	0.95	0.96	0.95	0.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	508.17	517.23	468.74	498.04	5.18	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:17:23	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	1.11	0.92	1.04	9.73	ppb
Molybdenum	94-1	4.59	4.60	4.63	4.61	0.48	ppb
Molybdenum	95-1	4.71	4.80	4.81	4.77	1.22	ppb
Molybdenum	96-1	4.70	4.76	4.85	4.77	1.56	ppb
Molybdenum	97-1	4.77	4.67	4.67	4.70	1.18	ppb
Molybdenum	98-1	4.75	4.73	4.75	4.74	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.00	0.99	1.02	4.66	ppb
Phosphorus	31-2	75.78	104.97	66.50	82.42	24.36	ppb
Potassium	39-2	483.94	483.30	439.75	469.00	5.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				108		%
Selenium	77-2	5.52	4.11	4.63	4.75	14.99	ppb
Selenium	78-2	5.53	6.01	5.68	5.74	4.30	ppb
Selenium	82-1	5.45	5.01	5.45	5.30	4.75	ppb
Silicon	28-1	7.39	7.36	7.18	7.31	1.52	ppb
Silver	109-1	1.03	1.13	1.07	1.08	4.96	ppb
Silver	107-1	1.18	1.22	1.09	1.16	5.82	ppb
Sodium	23-2	487.26	483.34	437.57	469.39	5.89	ppb
Strontium	86-1	0.92	0.96	1.00	0.96	4.08	ppb
Strontium	88-1	1.00	0.98	1.01	1.00	1.45	ppb
Sulfur	34-1	754.02	138.56	255.45	382.67	85.42	ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	0.89	0.93	0.95	0.92	3.44	ppb
Thallium	205-1	0.94	0.93	0.90	0.92	2.37	ppb
Thorium	232-1	3.52	3.68	3.46	3.56	3.21	ppb
Tin	118-1	5.08	5.19	4.94	5.07	2.46	ppb
Titanium	47-1	4.89	4.97	4.81	4.89	1.61	ppb
Uranium	238-1	0.94	0.90	0.86	0.90	4.89	ppb
Vanadium	51-2	5.12	5.08	4.52	4.90	6.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:17:23	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.04	1.28	1.08	1.47	34.47	ppb
Zirconium	90-1	0.85	0.84	0.80	0.83	2.76	ppb
Zirconium	91-1	0.78	0.82	0.86	0.82	4.56	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:21:42	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1043.97	1032.53	1013.17	1029.89	1.51	ppb
Antimony	121-1	55.65	51.11	51.78	52.85	4.64	ppb
Arsenic	75-2	53.51	51.02	51.22	51.92	2.67	ppb
Barium	135-1	282.43	256.57	260.75	266.58	5.21	ppb
Barium	137-1	275.44	256.08	260.02	263.84	3.88	ppb
Beryllium	9-1	55.16	51.34	51.82	52.77	3.95	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	54.46	53.04	52.77	53.42	1.70	ppb
Boron	11-1	55.11	51.03	51.72	52.62	4.14	ppb
Cadmium	111-1	59.41	54.49	54.08	56.00	5.30	ppb
Cadmium	106-1	58.38	54.43	53.51	55.44	4.67	ppb
Cadmium	108-1	58.15	53.39	54.24	55.26	4.60	ppb
Calcium	43-1	5446.17	5001.92	5160.71	5202.93	4.33	ppb
Calcium	44-1	5384.05	4941.26	5125.55	5150.29	4.32	ppb
Chromium	52-2	52.92	51.23	51.81	51.98	1.65	ppb
Cobalt	59-2	54.68	52.67	53.62	53.66	1.88	ppb
Copper	63-2	108.91	105.48	106.34	106.91	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	2711.11	2641.99	2654.77	2669.29	1.38	ppb
Iron	57-2	2763.14	2684.62	2685.86	2711.20	1.66	ppb
Krypton	83-1						cps
Lead	206-1	53.75	48.46	49.74	50.65	5.45	ppb
Lead	207-1	54.87	50.44	51.75	52.35	4.35	ppb
Lead	208-1	53.43	49.03	49.71	50.72	4.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	5404.58	5254.14	5259.09	5305.94	1.61	ppb

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 16:21:42 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	106.16	103.91	103.84	104.63	1.26	ppb
Molybdenum	94-1	268.88	245.88	250.15	254.97	4.80	ppb
Molybdenum	95-1	269.80	246.66	251.56	256.01	4.76	ppb
Molybdenum	96-1	268.67	246.19	250.91	255.25	4.64	ppb
Molybdenum	97-1	265.75	244.70	248.09	252.85	4.47	ppb
Molybdenum	98-1	266.97	244.03	248.81	253.27	4.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.31	51.83	52.82	52.99	2.35	ppb
Phosphorus	31-2	463.21	395.38	359.75	406.11	12.94	ppb
Potassium	39-2	2566.31	2522.74	2540.94	2543.33	0.86	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	77-2	46.09	53.34	52.27	50.56	7.74	ppb
Selenium	78-2	52.56	52.82	50.81	52.06	2.10	ppb
Selenium	82-1	56.57	53.00	54.71	54.76	3.26	ppb
Silicon	28-1	64.14	57.46	60.19	60.60	5.55	ppb
Silver	109-1	59.89	54.88	54.84	56.53	5.13	ppb
Silver	107-1	59.86	55.14	55.24	56.75	4.75	ppb
Sodium	23-2	5339.41	5207.67	5200.34	5249.14	1.49	ppb
Strontium	86-1	53.74	49.10	51.40	51.41	4.51	ppb
Strontium	88-1	53.51	48.80	50.62	50.98	4.66	ppb
Sulfur	34-1	3168.93	414.15	925.91	1503.00	97.49	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	53.21	48.66	49.35	50.41	4.87	ppb
Thallium	205-1	53.08	48.19	49.15	50.14	5.17	ppb
Thorium	232-1	11.88	10.70	11.30	11.29	5.21	ppb
Tin	118-1	57.19	51.98	53.03	54.07	5.10	ppb
Titanium	47-1	275.37	247.39	255.34	259.37	5.56	ppb
Uranium	238-1	49.18	45.32	46.52	47.00	4.20	ppb
Vanadium	51-2	51.26	50.36	50.14	50.58	1.17	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:21:42	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	104.48	101.59	103.21	103.09	1.40	ppb
Zirconium	90-1	53.20	49.15	49.96	50.77	4.22	ppb
Zirconium	91-1	53.57	49.57	50.24	51.13	4.19	ppb

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 16:25:37 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2658.22	2718.98	2680.58	2685.93	1.14	ppb
Antimony	121-1	137.38	133.59	136.83	135.93	1.50	ppb
Arsenic	75-2	136.96	136.38	138.06	137.13	0.62	ppb
Barium	135-1	679.84	665.47	676.95	674.09	1.13	ppb
Barium	137-1	662.78	655.90	660.34	659.67	0.53	ppb
Beryllium	9-1	135.27	135.71	136.74	135.91	0.56	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	127.98	132.21	135.32	131.84	2.79	ppb
Boron	11-1	129.47	130.30	132.21	130.66	1.07	ppb
Cadmium	111-1	140.17	140.07	140.21	140.15	0.05	ppb
Cadmium	106-1	141.72	132.40	136.18	136.76	3.43	ppb
Cadmium	108-1	138.95	140.46	140.52	139.97	0.63	ppb
Calcium	43-1	13352.88	13317.75	13369.88	13346.84	0.20	ppb
Calcium	44-1	13222.79	13238.82	13229.52	13230.38	0.06	ppb
Chromium	52-2	136.42	136.89	137.46	136.92	0.38	ppb
Cobalt	59-2	139.06	139.52	139.51	139.37	0.19	ppb
Copper	63-2	277.75	280.05	277.50	278.43	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	6922.32	6990.77	6937.04	6950.04	0.52	ppb
Iron	57-2	7057.31	7108.98	7070.69	7078.99	0.38	ppb
Krypton	83-1						cps
Lead	206-1	130.68	131.60	130.14	130.81	0.57	ppb
Lead	207-1	134.83	134.46	133.98	134.42	0.32	ppb
Lead	208-1	131.16	131.06	130.46	130.89	0.29	ppb
Lithium	6-1				95		%
Magnesium	24-2	13829.67	13852.88	13818.53	13833.70	0.13	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:25:37	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	273.48	275.57	275.13	274.72	0.40	ppb
Molybdenum	94-1	655.08	650.23	652.77	652.69	0.37	ppb
Molybdenum	95-1	651.05	648.45	649.60	649.70	0.20	ppb
Molybdenum	96-1	643.31	643.39	647.04	644.58	0.33	ppb
Molybdenum	97-1	647.42	643.48	652.29	647.73	0.68	ppb
Molybdenum	98-1	644.03	638.97	646.25	643.08	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.34	139.31	139.16	139.27	0.07	ppb
Phosphorus	31-2	4724.21	4997.67	5130.37	4950.75	4.18	ppb
Potassium	39-2	6624.30	6647.84	6577.89	6616.68	0.54	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	77-2	132.07	131.21	134.17	132.48	1.15	ppb
Selenium	78-2	141.42	133.66	138.45	137.84	2.84	ppb
Selenium	82-1	138.42	137.00	139.68	138.37	0.97	ppb
Silicon	28-1	130.32	129.36	130.02	129.90	0.38	ppb
Silver	109-1	142.52	141.50	140.55	141.52	0.70	ppb
Silver	107-1	143.07	141.85	141.50	142.14	0.58	ppb
Sodium	23-2	13589.30	13660.55	13634.50	13628.12	0.26	ppb
Strontium	86-1	134.69	134.95	135.88	135.17	0.46	ppb
Strontium	88-1	131.32	130.10	131.36	130.93	0.55	ppb
Sulfur	34-1	5860.71	5930.20	6010.56	5933.82	1.26	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	130.34	130.59	128.74	129.89	0.77	ppb
Thallium	205-1	127.38	128.83	127.15	127.79	0.71	ppb
Thorium	232-1	271.92	274.20	278.04	274.72	1.13	ppb
Tin	118-1	136.48	134.83	134.71	135.34	0.73	ppb
Titanium	47-1	670.72	660.92	667.20	666.28	0.75	ppb
Uranium	238-1	122.63	121.94	125.16	123.24	1.38	ppb
Vanadium	51-2	134.01	134.53	133.73	134.09	0.30	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:25:37	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	266.47	272.40	271.98	270.28	1.22	ppb
Zirconium	90-1	131.75	130.10	132.61	131.49	0.97	ppb
Zirconium	91-1	136.02	133.48	135.32	134.94	0.97	ppb

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 16:29:27 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5238.55	5213.31	5184.21	5212.02	0.52	ppb
Antimony	121-1	258.81	260.18	258.93	259.31	0.29	ppb
Arsenic	75-2	261.00	263.10	253.05	259.05	2.05	ppb
Barium	135-1	1289.09	1282.24	1277.99	1283.11	0.44	ppb
Barium	137-1	1262.42	1254.23	1249.53	1255.39	0.52	ppb
Beryllium	9-1	259.79	258.70	255.84	258.11	0.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	253.07	253.63	258.11	254.93	1.08	ppb
Boron	11-1	253.40	263.21	254.50	257.03	2.09	ppb
Cadmium	111-1	265.63	264.53	262.67	264.27	0.57	ppb
Cadmium	106-1	256.86	263.98	253.74	258.19	2.03	ppb
Cadmium	108-1	257.03	266.97	265.57	263.19	2.04	ppb
Calcium	43-1	25692.96	25601.87	25353.36	25549.40	0.69	ppb
Calcium	44-1	25754.34	25400.71	25415.44	25523.49	0.78	ppb
Chromium	52-2	263.43	263.26	259.56	262.08	0.83	ppb
Cobalt	59-2	269.18	267.47	265.01	267.22	0.78	ppb
Copper	63-2	530.35	528.75	522.74	527.28	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	13456.26	13423.92	13273.97	13384.72	0.73	ppb
Iron	57-2	13731.14	13642.85	13492.52	13622.17	0.89	ppb
Krypton	83-1						cps
Lead	206-1	253.96	253.10	254.15	253.73	0.22	ppb
Lead	207-1	258.81	258.51	261.66	259.66	0.67	ppb
Lead	208-1	251.60	251.61	252.46	251.89	0.20	ppb
Lithium	6-1				93		%
Magnesium	24-2	26747.51	26791.09	26062.67	26533.76	1.54	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:29:27	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	529.29	532.45	524.79	528.84	0.73	ppb
Molybdenum	94-1	1243.78	1248.78	1248.73	1247.10	0.23	ppb
Molybdenum	95-1	1233.47	1240.56	1237.21	1237.08	0.29	ppb
Molybdenum	96-1	1259.37	1277.44	1260.63	1265.81	0.80	ppb
Molybdenum	97-1	1247.44	1243.87	1236.70	1242.67	0.44	ppb
Molybdenum	98-1	1260.83	1278.49	1265.27	1268.19	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	269.80	267.64	263.01	266.82	1.30	ppb
Phosphorus	31-2	3954.33	3907.06	4028.75	3963.38	1.55	ppb
Potassium	39-2	12693.18	12707.65	12487.41	12629.41	0.98	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	77-2	274.30	257.23	255.08	262.20	4.02	ppb
Selenium	78-2	269.58	266.16	258.78	264.84	2.08	ppb
Selenium	82-1	267.85	265.77	263.89	265.83	0.75	ppb
Silicon	28-1	265.53	266.55	265.54	265.87	0.22	ppb
Silver	109-1	262.03	261.62	261.79	261.81	0.08	ppb
Silver	107-1	261.27	262.48	262.04	261.93	0.23	ppb
Sodium	23-2	26635.79	26511.08	26089.99	26412.29	1.08	ppb
Strontium	86-1	257.93	258.64	258.46	258.34	0.14	ppb
Strontium	88-1	254.23	255.25	255.09	254.85	0.22	ppb
Sulfur	34-1	2135.18	1927.78	1330.46	1797.81	23.24	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	253.89	252.44	249.78	252.04	0.83	ppb
Thallium	205-1	246.17	245.35	243.22	244.91	0.62	ppb
Thorium	232-1	161.78	159.11	159.63	160.17	0.88	ppb
Tin	118-1	260.00	260.30	261.84	260.71	0.38	ppb
Titanium	47-1	1291.13	1271.91	1280.24	1281.09	0.75	ppb
Uranium	238-1	247.91	245.05	246.05	246.34	0.59	ppb
Vanadium	51-2	257.37	260.19	255.46	257.67	0.92	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:29:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	523.15	516.56	514.52	518.08	0.87	ppb
Zirconium	90-1	250.25	250.55	251.23	250.68	0.20	ppb
Zirconium	91-1	260.68	260.89	260.30	260.62	0.12	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:33:15	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9900.47	10002.15	9902.96	9935.19	0.58	ppb
Antimony	121-1	478.88	486.53	481.82	482.41	0.80	ppb
Arsenic	75-2	491.52	490.45	493.96	491.98	0.37	ppb
Barium	135-1	2356.41	2407.15	2387.13	2383.56	1.07	ppb
Barium	137-1	2425.92	2449.17	2446.63	2440.57	0.52	ppb
Beryllium	9-1	491.43	495.98	492.91	493.44	0.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	478.93	503.12	503.58	495.21	2.85	ppb
Boron	11-1	486.62	498.23	503.79	496.22	1.77	ppb
Cadmium	111-1	492.63	502.11	492.69	495.81	1.10	ppb
Cadmium	106-1	481.44	494.43	487.66	487.84	1.33	ppb
Cadmium	108-1	491.43	493.60	491.94	492.32	0.23	ppb
Calcium	43-1	48493.42	48991.68	49224.19	48903.10	0.76	ppb
Calcium	44-1	49111.25	49063.12	49482.82	49219.06	0.47	ppb
Chromium	52-2	495.37	498.37	492.10	495.28	0.63	ppb
Cobalt	59-2	504.26	495.34	500.10	499.90	0.89	ppb
Copper	63-2	982.90	977.33	986.99	982.41	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	25602.94	25355.95	25331.07	25429.99	0.59	ppb
Iron	57-2	25852.10	25599.52	25753.55	25735.05	0.49	ppb
Krypton	83-1						cps
Lead	206-1	481.91	475.36	472.26	476.51	1.03	ppb
Lead	207-1	496.02	492.56	490.17	492.92	0.60	ppb
Lead	208-1	486.80	482.59	482.41	483.93	0.51	ppb
Lithium	6-1				93		%
Magnesium	24-2	50521.35	50347.03	50387.47	50418.62	0.18	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:33:15	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.33	998.77	995.56	998.55	0.29	ppb
Molybdenum	94-1	2420.70	2447.70	2428.50	2432.30	0.57	ppb
Molybdenum	95-1	2417.78	2452.49	2431.22	2433.83	0.72	ppb
Molybdenum	96-1	2426.06	2440.87	2416.71	2427.88	0.50	ppb
Molybdenum	97-1	2445.90	2453.76	2425.64	2441.77	0.59	ppb
Molybdenum	98-1	2437.05	2453.26	2425.59	2438.63	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.11	496.02	501.01	499.38	0.58	ppb
Phosphorus	31-2	3921.61	3871.80	3486.38	3759.93	6.34	ppb
Potassium	39-2	23793.45	23639.38	23583.32	23672.05	0.46	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	514.80	481.67	480.35	492.27	3.97	ppb
Selenium	78-2	493.82	487.06	509.64	496.84	2.33	ppb
Selenium	82-1	497.16	507.06	501.25	501.83	0.99	ppb
Silicon	28-1	554.89	554.57	560.43	556.63	0.59	ppb
Silver	109-1	478.80	485.07	479.75	481.21	0.70	ppb
Silver	107-1	475.73	485.01	474.36	478.37	1.21	ppb
Sodium	23-2	50631.63	50340.72	50103.18	50358.51	0.53	ppb
Strontium	86-1	491.06	493.06	484.46	489.53	0.92	ppb
Strontium	88-1	481.88	485.76	485.26	484.30	0.44	ppb
Sulfur	34-1	-339.36	-868.29	-640.23	-615.96		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	476.36	476.50	472.50	475.12	0.48	ppb
Thallium	205-1	484.50	483.57	478.42	482.16	0.68	ppb
Thorium	232-1	12.72	12.95	12.57	12.75	1.50	ppb
Tin	118-1	485.26	486.92	486.88	486.35	0.20	ppb
Titanium	47-1	2418.84	2427.52	2421.12	2422.50	0.19	ppb
Uranium	238-1	477.43	474.88	478.31	476.87	0.37	ppb
Vanadium	51-2	493.26	491.56	492.22	492.34	0.17	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:33:15	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	980.71	974.23	979.45	978.13	0.35	ppb
Zirconium	90-1	487.24	489.27	483.29	486.60	0.62	ppb
Zirconium	91-1	488.79	493.34	485.25	489.13	0.83	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:37:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19961.48	19678.17	19865.74	19835.13	0.73	ppb
Antimony	121-1	1005.68	1004.99	1004.20	1004.96	0.07	ppb
Arsenic	75-2	985.55	1006.00	1008.86	1000.14	1.27	ppb
Barium	135-1	5020.97	5020.38	5087.58	5042.98	0.77	ppb
Barium	137-1	5045.19	4992.64	5032.19	5023.34	0.54	ppb
Beryllium	9-1	998.91	997.28	1003.05	999.75	0.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	995.81	999.18	1005.51	1000.17	0.49	ppb
Boron	11-1	990.63	997.46	1009.88	999.33	0.98	ppb
Cadmium	111-1	995.83	998.67	994.50	996.33	0.21	ppb
Cadmium	106-1	994.74	1016.01	996.11	1002.29	1.19	ppb
Cadmium	108-1	990.10	1006.65	998.47	998.41	0.83	ppb
Calcium	43-1	99642.17	99180.22	99628.99	99483.79	0.26	ppb
Calcium	44-1	100444.30	99596.62	100603.94	100214.96	0.54	ppb
Chromium	52-2	1004.65	993.18	995.42	997.75	0.61	ppb
Cobalt	59-2	1002.68	991.17	987.45	993.77	0.80	ppb
Copper	63-2	2021.11	1985.02	1988.11	1998.08	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	51862.50	51039.77	51420.15	51440.80	0.80	ppb
Iron	57-2	52313.92	51291.40	51408.29	51671.20	1.08	ppb
Krypton	83-1						cps
Lead	206-1	1016.20	1003.38	1010.58	1010.05	0.64	ppb
Lead	207-1	1000.58	991.30	1007.61	999.83	0.82	ppb
Lead	208-1	1010.52	998.57	1011.29	1006.79	0.71	ppb
Lithium	6-1				90		%
Magnesium	24-2	103963.34	101907.87	101995.06	102622.09	1.13	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:37:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1994.74	1977.12	1998.71	1990.19	0.58	ppb
Molybdenum	94-1	5026.10	5036.55	5029.94	5030.86	0.11	ppb
Molybdenum	95-1	5028.76	5057.37	5012.65	5032.93	0.45	ppb
Molybdenum	96-1	5032.31	5044.81	5011.07	5029.40	0.34	ppb
Molybdenum	97-1	5071.31	4993.10	5019.49	5027.97	0.79	ppb
Molybdenum	98-1	5049.34	4999.17	5022.63	5023.71	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.77	989.82	994.93	994.17	0.40	ppb
Phosphorus	31-2	22931.58	22739.05	23636.99	23102.54	2.05	ppb
Potassium	39-2	49638.45	48724.79	48922.98	49095.41	0.98	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	1021.38	988.65	989.53	999.85	1.87	ppb
Selenium	78-2	1008.09	995.43	984.95	996.16	1.16	ppb
Selenium	82-1	1002.17	989.88	987.61	993.22	0.79	ppb
Silicon	28-1	963.55	965.79	970.47	966.60	0.37	ppb
Silver	109-1	1003.95	1001.82	1006.38	1004.05	0.23	ppb
Silver	107-1	999.39	1016.24	1000.43	1005.35	0.94	ppb
Sodium	23-2	104103.80	101436.21	101903.96	102481.33	1.39	ppb
Strontium	86-1	1007.75	1002.55	995.12	1001.81	0.63	ppb
Strontium	88-1	1010.44	1007.76	999.34	1005.85	0.58	ppb
Sulfur	34-1	25972.90	25420.09	25569.46	25654.15	1.11	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	1016.87	999.06	1017.96	1011.30	1.05	ppb
Thallium	205-1	1018.81	994.46	1016.24	1009.83	1.32	ppb
Thorium	232-1	1249.62	1245.83	1252.46	1249.30	0.27	ppb
Tin	118-1	1008.71	1006.33	992.91	1002.65	0.85	ppb
Titanium	47-1	5031.85	5025.04	5019.16	5025.35	0.13	ppb
Uranium	238-1	1011.70	1009.45	1017.40	1012.85	0.40	ppb
Vanadium	51-2	1008.55	992.03	1001.66	1000.74	0.83	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:37:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2020.85	1996.34	1993.99	2003.73	0.74	ppb
Zirconium	90-1	1011.65	1001.32	1004.07	1005.68	0.53	ppb
Zirconium	91-1	1008.65	997.29	998.50	1001.48	0.62	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:40:46	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97818.39	100833.31	101420.02	100023.91	1.93	ppb
Antimony	121-1	1.11	1.11	1.19	1.14	3.87	ppb
Arsenic	75-2	0.66	0.69	0.51	0.62	14.95	ppb
Barium	135-1	1.82	1.79	1.74	1.78	2.29	ppb
Barium	137-1	1.81	1.75	1.90	1.82	4.37	ppb
Beryllium	9-1	0.26	0.38	0.37	0.33	20.06	ppb
Bismuth	209-1				86		%
Bismuth	209-2				83		%
Boron	10-1	14.02	13.87	12.13	13.34	7.87	ppb
Boron	11-1	14.72	13.51	12.32	13.52	8.89	ppb
Cadmium	111-1	0.60	0.30	0.52	0.48	32.35	ppb
Cadmium	106-1	3.16	-0.36	1.90	1.57	113.91	ppb
Cadmium	108-1	0.33	0.33	0.56	0.41	32.77	ppb
Calcium	43-1	499166.99	502155.07	499164.78	500162.28	0.35	ppb
Calcium	44-1	499054.28	502957.26	497956.02	499989.19	0.53	ppb
Chromium	52-2	27.09	28.08	27.53	27.57	1.78	ppb
Cobalt	59-2	2.15	2.21	2.20	2.18	1.37	ppb
Copper	63-2	3.44	3.61	3.54	3.53	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	56-2	245094.95	252875.03	250846.26	249605.41	1.62	ppb
Iron	57-2	245444.08	252087.79	251008.05	249513.31	1.43	ppb
Krypton	83-1						cps
Lead	206-1	3.97	3.81	3.87	3.89	2.10	ppb
Lead	207-1	4.08	3.96	3.98	4.01	1.56	ppb
Lead	208-1	3.92	3.87	3.88	3.89	0.56	ppb
Lithium	6-1				87		%
Magnesium	24-2	488260.21	504264.85	505436.84	499320.63	1.92	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:40:46	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.63	7.82	8.08	7.84	2.84	ppb
Molybdenum	94-1	4.56	4.39	4.74	4.56	3.83	ppb
Molybdenum	95-1	5.51	5.59	5.60	5.57	0.88	ppb
Molybdenum	96-1	7.30	7.28	7.18	7.25	0.86	ppb
Molybdenum	97-1	5.54	5.63	5.70	5.62	1.38	ppb
Molybdenum	98-1	5.48	5.41	5.41	5.43	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.70	19.89	19.70	19.43	3.27	ppb
Phosphorus	31-2	-52.25	-72.98	-50.28	-58.51		ppb
Potassium	39-2	245405.19	252718.46	252769.46	250297.70	1.69	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	77-2	2.00	1.03	0.51	1.18	64.31	ppb
Selenium	78-2	0.94	0.74	0.98	0.89	14.71	ppb
Selenium	82-1	1.31	1.45	1.68	1.48	12.59	ppb
Silicon	28-1	24.28	25.03	24.59	24.64	1.53	ppb
Silver	109-1	0.33	0.30	0.32	0.32	4.36	ppb
Silver	107-1	0.33	0.28	0.32	0.31	8.54	ppb
Sodium	23-2	487424.79	504685.01	505990.02	499366.61	2.08	ppb
Strontium	86-1	4.41	4.35	4.66	4.47	3.62	ppb
Strontium	88-1	4.42	4.43	4.42	4.42	0.14	ppb
Sulfur	34-1	-3358.69	-3126.87	-2871.56	-3119.04		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.39	0.42	0.42	0.41	4.06	ppb
Thallium	205-1	0.39	0.37	0.36	0.37	4.09	ppb
Thorium	232-1	0.59	0.55	0.65	0.60	7.90	ppb
Tin	118-1	0.96	0.89	1.01	0.95	6.25	ppb
Titanium	47-1	1.86	1.77	1.77	1.80	2.81	ppb
Uranium	238-1	0.30	0.32	0.30	0.31	3.93	ppb
Vanadium	51-2	0.56	0.59	0.58	0.58	2.89	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:40:46	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.90	16.90	17.94	17.25	3.48	ppb
Zirconium	90-1	0.42	0.39	0.44	0.42	6.18	ppb
Zirconium	91-1	0.35	0.45	0.48	0.43	16.08	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:23:05	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.47	459.99	467.44	465.97	1.16	ppb
Antimony	121-1	197.91	198.30	196.74	197.65	0.41	ppb
Arsenic	75-2	208.32	206.80	205.29	206.80	0.73	ppb
Barium	135-1	99.75	99.29	101.59	100.21	1.21	ppb
Barium	137-1	99.18	98.30	99.76	99.08	0.74	ppb
Beryllium	9-1	95.64	97.16	96.13	96.31	0.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	0.60	1.21	1.00	0.94	32.84	ppb
Boron	11-1	0.82	0.77	0.87	0.82	6.40	ppb
Cadmium	111-1	103.71	102.93	102.24	102.96	0.72	ppb
Cadmium	106-1	78.94	84.34	79.83	81.04	3.57	ppb
Cadmium	108-1	85.10	87.42	89.35	87.29	2.44	ppb
Calcium	43-1	1988.08	1977.95	1911.07	1959.04	2.14	ppb
Calcium	44-1	1939.93	1932.72	1941.88	1938.18	0.25	ppb
Chromium	52-2	95.26	95.69	96.26	95.74	0.53	ppb
Cobalt	59-2	100.99	99.57	100.61	100.39	0.73	ppb
Copper	63-2	101.64	100.75	100.49	100.96	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				108		%
Iron	56-2	1040.71	1034.68	1036.03	1037.14	0.31	ppb
Iron	57-2	1015.80	1006.96	1029.84	1017.53	1.13	ppb
Krypton	83-1						cps
Lead	206-1	193.06	194.47	190.49	192.67	1.05	ppb
Lead	207-1	197.13	198.19	194.28	196.53	1.03	ppb
Lead	208-1	189.82	191.75	188.43	190.00	0.88	ppb
Lithium	6-1				114		%
Magnesium	24-2	1243.20	1225.48	1226.12	1231.60	0.82	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:23:05	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.23	96.41	95.46	96.03	0.53	ppb
Molybdenum	94-1	0.07	0.13	0.11	0.10	29.22	ppb
Molybdenum	95-1	0.08	0.08	0.09	0.08	4.96	ppb
Molybdenum	96-1	0.11	0.12	0.11	0.12	6.09	ppb
Molybdenum	97-1	0.05	0.08	0.08	0.07	27.08	ppb
Molybdenum	98-1	0.09	0.09	0.14	0.11	24.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.62	100.93	100.45	100.67	0.24	ppb
Phosphorus	31-2	-98.40	-78.31	-94.18	-90.30		ppb
Potassium	39-2	1986.46	1984.40	1975.90	1982.25	0.28	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	77-2	208.88	225.29	217.32	217.17	3.78	ppb
Selenium	78-2	206.99	214.68	207.55	209.74	2.04	ppb
Selenium	82-1	205.70	208.55	203.68	205.98	1.19	ppb
Silicon	28-1	2.06	1.97	1.99	2.01	2.37	ppb
Silver	109-1	105.51	105.04	105.73	105.42	0.34	ppb
Silver	107-1	105.85	104.50	105.10	105.15	0.64	ppb
Sodium	23-2	1973.21	1959.93	1987.55	1973.56	0.70	ppb
Strontium	86-1	2.08	2.28	2.18	2.18	4.53	ppb
Strontium	88-1	2.27	2.33	2.28	2.29	1.35	ppb
Sulfur	34-1	-260.54	-242.16	232.50	-90.07		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	211.64	210.47	210.03	210.71	0.39	ppb
Thallium	205-1	205.61	204.55	203.40	204.52	0.54	ppb
Thorium	232-1	0.03	0.05	0.06	0.04	31.07	ppb
Tin	118-1	0.08	0.08	0.08	0.08	3.15	ppb
Titanium	47-1	0.22	0.19	0.18	0.20	10.99	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	32.81	ppb
Vanadium	51-2	96.98	96.07	95.50	96.18	0.78	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:23:05	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	191.57	191.69	192.38	191.88	0.23	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	50.20	ppb
Zirconium	91-1	0.07	0.12	0.12	0.10	27.52	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:28:13	DataFile Name :	011LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.40	19.60	20.51	19.50	5.42	ppb
Antimony	121-1	2.20	2.15	2.19	2.18	1.29	ppb
Arsenic	75-2	0.99	1.01	1.00	1.00	0.93	ppb
Barium	135-1	10.03	10.39	11.11	10.51	5.20	ppb
Barium	137-1	10.37	10.02	9.73	10.04	3.20	ppb
Beryllium	9-1	0.93	1.00	1.01	0.98	4.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	23.57	23.16	24.76	23.83	3.48	ppb
Boron	11-1	23.28	23.72	24.21	23.74	1.97	ppb
Cadmium	111-1	1.36	1.07	1.11	1.18	13.57	ppb
Cadmium	106-1	4.08	1.74	1.53	2.45	57.95	ppb
Cadmium	108-1	1.16	1.12	1.02	1.10	6.78	ppb
Calcium	43-1	502.32	488.52	489.48	493.44	1.56	ppb
Calcium	44-1	492.57	492.05	489.17	491.27	0.37	ppb
Chromium	52-2	2.01	2.08	2.03	2.04	1.79	ppb
Cobalt	59-2	1.03	1.01	1.05	1.03	1.72	ppb
Copper	63-2	1.95	2.10	2.12	2.06	4.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	58.96	58.72	58.54	58.74	0.35	ppb
Iron	57-2	58.28	56.88	57.50	57.55	1.22	ppb
Krypton	83-1						cps
Lead	206-1	1.08	0.93	0.96	0.99	8.19	ppb
Lead	207-1	1.04	0.98	0.96	0.99	4.58	ppb
Lead	208-1	1.04	0.95	0.97	0.98	4.72	ppb
Lithium	6-1				115		%
Magnesium	24-2	537.78	535.16	544.64	539.19	0.91	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:28:13	DataFile Name :	011LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.13	1.16	1.12	4.55	ppb
Molybdenum	94-1	4.82	4.65	4.64	4.70	2.20	ppb
Molybdenum	95-1	4.89	4.91	4.92	4.91	0.32	ppb
Molybdenum	96-1	5.08	4.79	4.81	4.89	3.33	ppb
Molybdenum	97-1	4.84	4.75	4.94	4.84	1.92	ppb
Molybdenum	98-1	4.90	4.68	4.77	4.78	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.95	1.01	0.99	3.61	ppb
Phosphorus	31-2	156.57	45.63	112.54	104.91	53.24	ppb
Potassium	39-2	510.09	505.72	522.73	512.85	1.72	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	77-2	6.99	7.30	5.99	6.76	10.07	ppb
Selenium	78-2	6.32	5.83	6.60	6.25	6.17	ppb
Selenium	82-1	6.14	5.46	5.54	5.71	6.52	ppb
Silicon	28-1	7.25	7.75	7.64	7.55	3.49	ppb
Silver	109-1	1.18	1.21	1.22	1.20	1.55	ppb
Silver	107-1	1.21	1.18	1.18	1.19	1.21	ppb
Sodium	23-2	522.75	511.98	524.53	519.75	1.31	ppb
Strontium	86-1	1.04	0.92	0.95	0.97	6.01	ppb
Strontium	88-1	0.98	1.00	1.00	1.00	1.19	ppb
Sulfur	34-1	140.50	438.39	246.95	275.28	54.84	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	1.00	0.97	1.00	0.99	1.57	ppb
Thallium	205-1	1.08	0.96	1.05	1.03	5.88	ppb
Thorium	232-1	3.88	3.77	3.80	3.82	1.55	ppb
Tin	118-1	5.25	5.29	5.27	5.27	0.34	ppb
Titanium	47-1	5.26	5.39	5.24	5.30	1.56	ppb
Uranium	238-1	0.94	0.90	0.89	0.91	2.65	ppb
Vanadium	51-2	5.31	5.23	5.31	5.28	0.86	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:28:13	DataFile Name :	011LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.94	2.37	2.13	2.15	10.20	ppb
Zirconium	90-1	0.93	0.85	0.84	0.87	5.33	ppb
Zirconium	91-1	0.90	0.92	0.90	0.91	1.44	ppb

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 17:31:48 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	0.07	0.08	0.02	392.98	ppb
Antimony	121-1	0.00	0.02	0.01	0.01	73.77	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.01	128.04	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	137.64	ppb
Bismuth	209-1				108		%
Bismuth	209-2				111		%
Boron	10-1	1.12	0.34	0.66	0.71	55.20	ppb
Boron	11-1	0.72	0.43	0.64	0.60	25.49	ppb
Cadmium	111-1	0.10	0.02	0.07	0.06	66.61	ppb
Cadmium	106-1	1.25	0.20	0.80	0.75	69.98	ppb
Cadmium	108-1	-0.04	-0.07	-0.01	-0.04		ppb
Calcium	43-1	-0.95	1.16	-2.06	-0.62		ppb
Calcium	44-1	-1.69	-2.01	-2.53	-2.08		ppb
Chromium	52-2	0.03	-0.02	-0.01	0.00	4341.19	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	85.98	ppb
Copper	63-2	-0.02	0.00	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	56-2	0.14	0.03	0.03	0.07	96.04	ppb
Iron	57-2	0.28	0.31	-0.18	0.14	204.11	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00		ppb
Lead	207-1	0.01	0.01	0.00	0.01	63.46	ppb
Lead	208-1	0.00	0.01	0.00	0.01	64.90	ppb
Lithium	6-1				114		%
Magnesium	24-2	-1.47	-1.31	-0.60	-1.13		ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:31:48	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	-0.03	0.04	-0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	179.49	ppb
Molybdenum	96-1	0.00	0.00	0.02	0.01	144.27	ppb
Molybdenum	97-1	0.02	0.02	-0.02	0.00	435.50	ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	109.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	80.37	ppb
Phosphorus	31-2	-131.05	-126.83	-131.55	-129.81		ppb
Potassium	39-2	5.46	9.38	6.57	7.14	28.31	ppb
Rhodium	103-1				108		%
Rhodium	103-2				112		%
Scandium	45-1				112		%
Scandium	45-2				116		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.58	0.07	0.27	0.30	84.25	ppb
Selenium	82-1	0.26	0.04	0.19	0.16	71.11	ppb
Silicon	28-1	2.38	2.24	1.95	2.19	9.89	ppb
Silver	109-1	0.00	0.00	0.00	0.00	127.33	ppb
Silver	107-1	0.00	0.00	0.01	0.00	13.60	ppb
Sodium	23-2	3.30	2.69	1.35	2.45	40.92	ppb
Strontium	86-1	-0.02	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	618.80	564.68	466.44	549.97	14.04	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.01	0.02	0.01	58.13	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	130.22	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	40.40	ppb
Tin	118-1	0.02	0.01	0.02	0.02	52.79	ppb
Titanium	47-1	-0.01	-0.01	-0.03	-0.02		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	375.80	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:31:48	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-4.65	-4.40	-4.92	-4.66		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	75.05	ppb
Zirconium	91-1	0.01	0.01	-0.02	0.00		ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:35:23	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85566.36	86169.64	85511.24	85749.08	0.43	ppb
Antimony	121-1	1.18	1.21	1.27	1.22	3.47	ppb
Arsenic	75-2	0.27	0.29	0.34	0.30	11.97	ppb
Barium	135-1	1.50	1.38	1.26	1.38	8.87	ppb
Barium	137-1	1.53	1.43	1.40	1.45	4.56	ppb
Beryllium	9-1	0.27	0.22	0.33	0.28	19.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	1.23	1.01	1.05	1.10	10.55	ppb
Boron	11-1	0.82	0.98	0.80	0.87	11.53	ppb
Cadmium	111-1	0.57	0.56	0.34	0.49	27.20	ppb
Cadmium	106-1	-0.28	0.79	-0.70	-0.06		ppb
Cadmium	108-1	12.79	14.39	14.63	13.94	7.18	ppb
Calcium	43-1	93587.84	94120.63	92781.68	93496.72	0.72	ppb
Calcium	44-1	94557.84	94983.37	94452.20	94664.47	0.30	ppb
Chromium	52-2	19.14	18.91	19.54	19.19	1.65	ppb
Cobalt	59-2	1.26	1.25	1.18	1.23	3.81	ppb
Copper	63-2	8.24	8.15	7.92	8.10	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	96203.93	96253.82	96157.54	96205.10	0.05	ppb
Iron	57-2	94171.19	94469.38	94239.26	94293.28	0.17	ppb
Krypton	83-1						cps
Lead	206-1	4.75	4.53	4.74	4.67	2.67	ppb
Lead	207-1	4.36	4.11	4.32	4.26	3.11	ppb
Lead	208-1	4.40	4.23	4.43	4.35	2.47	ppb
Lithium	6-1				105		%
Magnesium	24-2	98058.53	98778.35	97503.63	98113.50	0.65	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:35:23	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.70	7.80	7.64	7.71	1.10	ppb
Molybdenum	94-1	1228.99	1228.02	1216.23	1224.41	0.58	ppb
Molybdenum	95-1	1812.47	1799.90	1768.48	1793.62	1.26	ppb
Molybdenum	96-1	1720.10	1729.26	1695.72	1715.03	1.01	ppb
Molybdenum	97-1	1740.10	1735.91	1703.67	1726.56	1.15	ppb
Molybdenum	98-1	1804.74	1791.75	1784.71	1793.73	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.86	5.36	5.05	5.09	4.89	ppb
Phosphorus	31-2	329113.21	331462.12	331188.05	330587.79	0.39	ppb
Potassium	39-2	95239.00	95825.60	94747.31	95270.64	0.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.96	-0.44	0.20	0.24	295.51	ppb
Selenium	82-1	-0.23	-0.32	0.55	0.00	78602.51	ppb
Silicon	28-1	18.24	18.21	17.58	18.01	2.06	ppb
Silver	109-1	0.16	0.16	0.14	0.15	7.24	ppb
Silver	107-1	0.15	0.15	0.18	0.16	10.11	ppb
Sodium	23-2	96919.48	97189.90	96606.04	96905.14	0.30	ppb
Strontium	86-1	34.53	34.26	34.00	34.26	0.77	ppb
Strontium	88-1	33.90	33.74	33.75	33.80	0.26	ppb
Sulfur	34-1	413600.10	416366.38	413899.35	414621.94	0.37	ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.37	0.41	0.31	0.36	14.89	ppb
Thallium	205-1	0.38	0.34	0.32	0.35	8.63	ppb
Thorium	232-1	0.05	0.04	0.07	0.05	29.36	ppb
Tin	118-1	0.19	0.17	0.16	0.18	10.00	ppb
Titanium	47-1	1935.79	1929.67	1923.49	1929.65	0.32	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	22.97	ppb
Vanadium	51-2	0.16	0.19	0.19	0.18	8.50	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:35:23	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.13	6.88	6.58	6.86	3.97	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	18.61	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	13.87	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:42:07	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86021.26	85828.54	84815.91	85555.24	0.76	ppb
Antimony	121-1	20.91	21.01	21.28	21.07	0.92	ppb
Arsenic	75-2	20.10	19.88	20.55	20.17	1.70	ppb
Barium	135-1	21.97	21.30	21.57	21.61	1.55	ppb
Barium	137-1	21.18	21.10	21.56	21.28	1.16	ppb
Beryllium	9-1	18.91	18.76	19.02	18.90	0.69	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	59.05	59.04	60.86	59.65	1.76	ppb
Boron	11-1	60.98	62.65	61.02	61.55	1.55	ppb
Cadmium	111-1	20.52	20.32	21.11	20.65	1.98	ppb
Cadmium	106-1	25.88	25.73	29.09	26.90	7.05	ppb
Cadmium	108-1	36.39	36.82	36.65	36.62	0.60	ppb
Calcium	43-1	94010.96	93399.24	93931.08	93780.42	0.35	ppb
Calcium	44-1	95008.37	95300.70	95295.18	95201.42	0.18	ppb
Chromium	52-2	38.31	38.36	37.82	38.16	0.78	ppb
Cobalt	59-2	20.59	20.90	20.59	20.69	0.87	ppb
Copper	63-2	26.80	26.80	26.87	26.82	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	95489.24	95376.61	94120.96	94995.60	0.80	ppb
Iron	57-2	95774.31	93436.57	95033.82	94748.23	1.26	ppb
Krypton	83-1						cps
Lead	206-1	25.12	24.75	25.36	25.08	1.22	ppb
Lead	207-1	24.44	24.19	24.57	24.40	0.80	ppb
Lead	208-1	23.99	24.02	24.23	24.08	0.56	ppb
Lithium	6-1				109		%
Magnesium	24-2	98368.57	98180.03	97741.69	98096.76	0.33	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:42:07	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.54	26.87	26.54	26.65	0.70	ppb
Molybdenum	94-1	1346.93	1336.74	1327.43	1337.03	0.73	ppb
Molybdenum	95-1	1854.44	1840.61	1828.42	1841.16	0.71	ppb
Molybdenum	96-1	1777.96	1785.50	1778.60	1780.69	0.23	ppb
Molybdenum	97-1	1776.20	1771.50	1775.00	1774.23	0.14	ppb
Molybdenum	98-1	1845.82	1852.82	1864.08	1854.24	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.77	24.12	23.96	23.95	0.74	ppb
Phosphorus	31-2	332195.73	327459.73	328837.53	329497.67	0.74	ppb
Potassium	39-2	96059.37	94682.53	95093.36	95278.42	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	77-2	18.94	18.86	14.37	17.39	15.06	ppb
Selenium	78-2	17.47	18.99	17.68	18.04	4.55	ppb
Selenium	82-1	19.60	19.87	19.18	19.55	1.80	ppb
Silicon	28-1	62.82	62.63	64.41	63.29	1.55	ppb
Silver	109-1	19.33	19.11	19.51	19.32	1.05	ppb
Silver	107-1	19.31	19.37	19.69	19.46	1.04	ppb
Sodium	23-2	97835.30	97009.12	96663.46	97169.29	0.62	ppb
Strontium	86-1	93.03	91.65	91.06	91.92	1.10	ppb
Strontium	88-1	90.48	90.34	89.47	90.10	0.60	ppb
Sulfur	34-1	415899.71	410687.90	415111.58	413899.73	0.68	ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	20.19	20.48	20.24	20.30	0.75	ppb
Thallium	205-1	20.17	20.28	20.12	20.19	0.40	ppb
Thorium	232-1	1.22	1.25	1.32	1.26	4.04	ppb
Tin	118-1	57.85	57.18	58.54	57.85	1.17	ppb
Titanium	47-1	1983.85	1976.98	1987.24	1982.69	0.26	ppb
Uranium	238-1	57.22	57.08	57.75	57.35	0.62	ppb
Vanadium	51-2	19.18	19.37	19.28	19.28	0.50	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:42:07	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	23.13	23.50	23.21	23.28	0.83	ppb
Zirconium	90-1	56.49	57.01	56.37	56.63	0.60	ppb
Zirconium	91-1	57.55	58.37	57.71	57.88	0.75	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:10:05	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50377.23	50881.73	50036.62	50431.86	0.84	ppb
Antimony	121-1	477.02	477.79	480.34	478.38	0.36	ppb
Arsenic	75-2	476.35	470.03	474.76	473.71	0.69	ppb
Barium	135-1	2405.76	2431.81	2430.17	2422.58	0.60	ppb
Barium	137-1	2444.63	2464.76	2464.78	2458.06	0.47	ppb
Beryllium	9-1	476.81	469.44	476.93	474.39	0.90	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	473.69	481.29	484.07	479.68	1.12	ppb
Boron	11-1	483.35	484.93	495.55	487.94	1.36	ppb
Cadmium	111-1	510.65	512.26	508.44	510.45	0.38	ppb
Cadmium	106-1	507.57	512.71	510.54	510.28	0.51	ppb
Cadmium	108-1	505.41	507.90	520.23	511.18	1.55	ppb
Calcium	43-1	239688.13	237939.61	235355.67	237661.14	0.92	ppb
Calcium	44-1	239914.91	238903.77	238258.88	239025.85	0.35	ppb
Chromium	52-2	491.64	496.89	485.80	491.44	1.13	ppb
Cobalt	59-2	468.43	472.91	462.28	467.87	1.14	ppb
Copper	63-2	996.09	1032.94	979.32	1002.78	2.74	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				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	119521.19	118999.31	116820.83	118447.11	1.21	ppb
Iron	57-2	119489.36	120211.20	117149.05	118949.87	1.35	ppb
Krypton	83-1						cps
Lead	206-1	498.70	492.30	492.15	494.38	0.76	ppb
Lead	207-1	512.78	509.77	505.78	509.44	0.69	ppb
Lead	208-1	501.68	496.50	495.95	498.04	0.63	ppb
Lithium	6-1				106		%
Magnesium	24-2	242934.76	245811.97	239036.25	242594.33	1.40	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:10:05	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	960.94	967.05	944.91	957.63	1.19	ppb
Molybdenum	94-1	2406.65	2418.08	2405.40	2410.05	0.29	ppb
Molybdenum	95-1	2408.91	2415.89	2406.63	2410.48	0.20	ppb
Molybdenum	96-1	2405.40	2404.18	2396.83	2402.14	0.19	ppb
Molybdenum	97-1	2419.35	2406.62	2407.17	2411.05	0.30	ppb
Molybdenum	98-1	2411.68	2414.15	2407.28	2411.04	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.08	490.62	458.42	471.37	3.61	ppb
Phosphorus	31-2	3365.96	3536.85	3615.56	3506.12	3.64	ppb
Potassium	39-2	121909.42	121412.86	119445.39	120922.56	1.08	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	512.20	492.17	487.62	497.33	2.63	ppb
Selenium	78-2	505.59	491.81	501.51	499.64	1.42	ppb
Selenium	82-1	500.31	499.93	496.36	498.87	0.44	ppb
Silicon	28-1	578.28	581.29	585.88	581.82	0.66	ppb
Silver	109-1	490.56	493.69	492.55	492.27	0.32	ppb
Silver	107-1	493.86	495.95	499.21	496.34	0.54	ppb
Sodium	23-2	243934.50	244447.34	238176.40	242186.08	1.44	ppb
Strontium	86-1	487.00	485.69	481.85	484.85	0.55	ppb
Strontium	88-1	483.54	482.19	476.82	480.85	0.74	ppb
Sulfur	34-1	2086.35	1693.90	1361.75	1714.00	21.16	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	501.79	494.08	490.09	495.32	1.20	ppb
Thallium	205-1	501.44	499.83	493.68	498.31	0.82	ppb
Thorium	232-1	15.38	15.53	15.43	15.44	0.51	ppb
Tin	118-1	491.40	489.74	493.94	491.70	0.43	ppb
Titanium	47-1	2433.63	2420.74	2418.74	2424.37	0.33	ppb
Uranium	238-1	498.96	497.41	500.00	498.79	0.26	ppb
Vanadium	51-2	488.64	493.52	479.63	487.27	1.45	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:10:05	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	964.55	1067.67	944.24	992.15	6.67	ppb
Zirconium	90-1	488.44	487.52	485.11	487.02	0.35	ppb
Zirconium	91-1	490.01	494.00	487.93	490.65	0.63	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:13:41	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.54	1.94	0.91	1.46	35.66	ppb
Antimony	121-1	0.34	0.43	0.44	0.40	13.16	ppb
Arsenic	75-2	0.02	0.04	0.04	0.03	42.94	ppb
Barium	135-1	0.07	0.05	0.07	0.06	18.72	ppb
Barium	137-1	0.08	0.07	0.07	0.07	8.37	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	7.95	ppb
Bismuth	209-1				110		%
Bismuth	209-2				117		%
Boron	10-1	5.53	4.82	4.44	4.93	11.23	ppb
Boron	11-1	5.57	4.49	4.45	4.83	13.15	ppb
Cadmium	111-1	0.11	0.15	0.10	0.12	21.72	ppb
Cadmium	106-1	0.89	1.45	0.87	1.07	30.99	ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00		ppb
Calcium	43-1	2.68	5.36	7.20	5.08	44.65	ppb
Calcium	44-1	5.15	4.52	4.57	4.75	7.41	ppb
Chromium	52-2	0.02	-0.01	0.00	0.00	507.92	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	32.30	ppb
Copper	63-2	0.04	0.04	0.05	0.04	14.56	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				115		%
Indium	115-1				118		%
Indium	115-2				116		%
Iron	56-2	4.41	3.74	3.68	3.94	10.26	ppb
Iron	57-2	3.74	4.00	4.79	4.18	13.11	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.03	12.92	ppb
Lead	207-1	0.03	0.01	0.02	0.02	67.40	ppb
Lead	208-1	0.03	0.02	0.03	0.03	13.06	ppb
Lithium	6-1				116		%
Magnesium	24-2	6.75	5.43	4.49	5.56	20.43	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:13:41	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.02	0.02	11.15	ppb
Molybdenum	94-1	0.55	0.48	0.47	0.50	8.94	ppb
Molybdenum	95-1	0.70	0.72	0.63	0.69	7.08	ppb
Molybdenum	96-1	0.64	0.69	0.64	0.66	4.06	ppb
Molybdenum	97-1	0.71	0.67	0.66	0.68	3.61	ppb
Molybdenum	98-1	0.74	0.66	0.64	0.68	7.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.02	0.01	82.43	ppb
Phosphorus	31-2	-145.56	-121.95	-89.90	-119.14		ppb
Potassium	39-2	28.64	19.40	20.93	22.99	21.55	ppb
Rhodium	103-1				110		%
Rhodium	103-2				116		%
Scandium	45-1				112		%
Scandium	45-2				119		%
Selenium	77-2	0.00	0.00	0.41	0.14	173.21	ppb
Selenium	78-2	0.30	0.72	0.02	0.35	100.23	ppb
Selenium	82-1	0.37	0.28	0.03	0.23	79.05	ppb
Silicon	28-1	3.37	3.51	2.82	3.23	11.29	ppb
Silver	109-1	0.07	0.09	0.08	0.08	16.55	ppb
Silver	107-1	0.10	0.09	0.07	0.09	16.29	ppb
Sodium	23-2	25.73	20.72	21.53	22.66	11.87	ppb
Strontium	86-1	0.06	-0.01	0.00	0.02	258.41	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	0.72	ppb
Sulfur	34-1	-2866.46	-2749.90	-2879.92	-2832.09		ppb
Terbium	159-1				113		%
Terbium	159-2				115		%
Thallium	203-1	0.05	0.07	0.08	0.07	17.70	ppb
Thallium	205-1	0.07	0.08	0.05	0.07	19.33	ppb
Thorium	232-1	-0.01	0.01	-0.01	0.00		ppb
Tin	118-1	0.27	0.28	0.32	0.29	8.64	ppb
Titanium	47-1	0.10	0.06	0.09	0.08	27.57	ppb
Uranium	238-1	0.03	0.03	0.01	0.02	40.16	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	12.42	ppb
Yttrium	89-1				111		%
Yttrium	89-2				116		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:13:41	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-6.10	-6.42	-6.41	-6.31		ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	22.28	ppb
Zirconium	91-1	0.06	0.02	0.01	0.03	89.27	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:20:29	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.51	17.54	21.99	20.02	11.33	ppb
Antimony	121-1	2.05	2.10	2.12	2.09	1.55	ppb
Arsenic	75-2	1.04	1.04	1.00	1.03	2.06	ppb
Barium	135-1	10.27	10.14	9.92	10.11	1.76	ppb
Barium	137-1	10.49	10.35	10.17	10.34	1.59	ppb
Beryllium	9-1	1.01	0.93	0.92	0.95	4.85	ppb
Bismuth	209-1				109		%
Bismuth	209-2				114		%
Boron	10-1	23.84	24.64	24.99	24.49	2.41	ppb
Boron	11-1	23.99	25.16	24.60	24.58	2.39	ppb
Cadmium	111-1	1.15	1.04	1.04	1.07	6.21	ppb
Cadmium	106-1	1.99	0.75	0.55	1.10	71.05	ppb
Cadmium	108-1	0.99	1.13	0.80	0.97	17.47	ppb
Calcium	43-1	497.91	510.86	498.53	502.43	1.45	ppb
Calcium	44-1	500.14	501.57	489.29	497.00	1.35	ppb
Chromium	52-2	2.02	1.94	1.98	1.98	2.07	ppb
Cobalt	59-2	1.02	1.08	1.02	1.04	3.25	ppb
Copper	63-2	2.05	2.01	2.07	2.04	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				115		%
Indium	115-1				119		%
Indium	115-2				115		%
Iron	56-2	57.67	57.84	57.32	57.61	0.46	ppb
Iron	57-2	52.85	57.44	55.62	55.30	4.18	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.01	1.02	1.01	0.75	ppb
Lead	207-1	1.00	0.95	0.97	0.97	2.26	ppb
Lead	208-1	1.00	0.99	0.98	0.99	1.07	ppb
Lithium	6-1				119		%
Magnesium	24-2	537.16	532.71	550.80	540.22	1.74	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:20:29	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.04	0.99	1.02	2.72	ppb
Molybdenum	94-1	4.70	4.86	4.70	4.75	1.96	ppb
Molybdenum	95-1	4.90	5.01	4.94	4.95	1.19	ppb
Molybdenum	96-1	4.78	5.18	4.95	4.97	4.10	ppb
Molybdenum	97-1	5.18	4.95	4.88	5.00	3.07	ppb
Molybdenum	98-1	5.05	4.92	4.98	4.98	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.98	1.13	1.04	7.54	ppb
Phosphorus	31-2	86.66	80.95	152.85	106.82	37.41	ppb
Potassium	39-2	513.01	517.67	522.34	517.67	0.90	ppb
Rhodium	103-1				112		%
Rhodium	103-2				116		%
Scandium	45-1				115		%
Scandium	45-2				120		%
Selenium	77-2	1.66	7.48	5.75	4.96	60.16	ppb
Selenium	78-2	5.46	5.18	5.72	5.45	4.93	ppb
Selenium	82-1	6.12	6.18	6.00	6.10	1.55	ppb
Silicon	28-1	7.53	7.67	6.90	7.36	5.55	ppb
Silver	109-1	1.23	1.21	1.23	1.22	0.75	ppb
Silver	107-1	1.24	1.18	1.13	1.18	4.74	ppb
Sodium	23-2	524.67	527.06	521.64	524.45	0.52	ppb
Strontium	86-1	1.01	1.01	1.05	1.02	2.20	ppb
Strontium	88-1	1.02	1.00	1.02	1.01	0.88	ppb
Sulfur	34-1	-853.17	-847.86	-1772.38	-1157.80		ppb
Terbium	159-1				112		%
Terbium	159-2				114		%
Thallium	203-1	1.04	1.04	1.05	1.04	0.57	ppb
Thallium	205-1	1.02	0.98	0.99	0.99	2.03	ppb
Thorium	232-1	3.93	4.13	3.89	3.98	3.27	ppb
Tin	118-1	5.26	5.28	5.31	5.28	0.48	ppb
Titanium	47-1	4.80	4.92	5.01	4.91	2.14	ppb
Uranium	238-1	0.93	0.94	0.89	0.92	2.94	ppb
Vanadium	51-2	5.00	5.06	5.07	5.04	0.71	ppb
Yttrium	89-1				113		%
Yttrium	89-2				115		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:20:29	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.71	1.91	2.32	1.98	15.84	ppb
Zirconium	90-1	0.91	0.96	0.92	0.93	2.63	ppb
Zirconium	91-1	0.91	0.96	0.88	0.91	4.46	ppb

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : PB124441BL Instrumnet Name : P7
 Client Sample ID : PB124441BL Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 18:24:03 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	0.08	-0.17	0.02	834.11	ppb
Antimony	121-1	0.00	0.02	0.01	0.01	97.93	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	1454.12	ppb
Barium	135-1	0.01	0.00	0.00	0.00	83.78	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	-0.01	0.02	0.01	0.01	201.31	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	1.81	1.76	2.07	1.88	8.91	ppb
Boron	11-1	1.89	1.70	1.61	1.73	8.32	ppb
Cadmium	111-1	0.03	0.12	0.18	0.11	67.86	ppb
Cadmium	106-1	0.36	1.42	2.15	1.31	68.86	ppb
Cadmium	108-1	-0.04	0.02	0.02	0.00		ppb
Calcium	43-1	-1.11	0.37	1.07	0.11	995.09	ppb
Calcium	44-1	-0.14	-0.52	-0.15	-0.27		ppb
Chromium	52-2	0.00	0.02	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.01	-0.04	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				118		%
Indium	115-2				111		%
Iron	56-2	0.05	0.05	0.01	0.03	68.18	ppb
Iron	57-2	-0.76	-0.90	-0.98	-0.88		ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.03	0.01	0.00		ppb
Lead	207-1	0.00	0.01	-0.01	0.00	2233.51	ppb
Lead	208-1	0.00	0.00	0.00	0.00	1657.34	ppb
Lithium	6-1				119		%
Magnesium	24-2	-1.40	-1.86	-1.66	-1.64		ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	PB124441BL	Instrumnet Name :	P7
Client Sample ID :	PB124441BL	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:24:03	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.00	1547.35	ppb
Molybdenum	94-1	0.03	0.04	0.05	0.04	18.00	ppb
Molybdenum	95-1	0.04	0.06	0.06	0.05	16.82	ppb
Molybdenum	96-1	0.06	0.06	0.06	0.06	6.52	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	7.99	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	11.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	146.70	ppb
Phosphorus	31-2	-127.24	-116.50	-122.56	-122.10		ppb
Potassium	39-2	17.77	23.25	20.32	20.45	13.41	ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	0.30	0.12	0.18	54.76	ppb
Selenium	82-1	0.02	-0.01	0.09	0.03	153.37	ppb
Silicon	28-1	1.05	-0.21	0.32	0.39	163.22	ppb
Silver	109-1	0.02	0.02	0.01	0.02	33.83	ppb
Silver	107-1	0.02	0.01	0.02	0.02	34.72	ppb
Sodium	23-2	7.32	9.27	9.35	8.65	13.26	ppb
Strontium	86-1	0.08	0.02	-0.02	0.03	180.43	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	244.00	ppb
Sulfur	34-1	-1055.99	-1499.72	27.48	-842.74		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.00	0.01	0.01	0.01	55.68	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	48.59	ppb
Thorium	232-1	-0.03	0.01	0.04	0.01	445.77	ppb
Tin	118-1	0.12	0.16	0.15	0.14	11.55	ppb
Titanium	47-1	-0.03	-0.03	0.01	-0.02		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.07	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	519.72	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	PB124441BL	Instrumnet Name :	P7
Client Sample ID :	PB124441BL	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:24:03	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-6.29	-6.04	-6.15	-6.16		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	51.39	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	37.43	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	PB124441BS	Instrumnet Name :	P7
Client Sample ID :	PB124441BS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:27:37	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10183.89	10111.38	10199.55	10164.94	0.46	ppb
Antimony	121-1	532.95	484.69	505.91	507.85	4.76	ppb
Arsenic	75-2	546.84	547.15	552.36	548.78	0.57	ppb
Barium	135-1	2538.71	2310.95	2413.75	2421.14	4.71	ppb
Barium	137-1	2553.18	2345.55	2454.82	2451.18	4.24	ppb
Beryllium	9-1	510.17	470.53	483.44	488.05	4.14	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	488.30	458.56	471.38	472.75	3.15	ppb
Boron	11-1	493.45	463.91	474.77	477.37	3.13	ppb
Cadmium	111-1	540.98	492.10	516.79	516.62	4.73	ppb
Cadmium	106-1	536.10	488.49	517.32	513.97	4.67	ppb
Cadmium	108-1	534.61	489.87	517.83	514.10	4.40	ppb
Calcium	43-1	50113.96	45380.61	46654.28	47382.95	5.17	ppb
Calcium	44-1	49741.49	45215.76	46524.14	47160.46	4.94	ppb
Chromium	52-2	521.49	517.83	511.14	516.82	1.01	ppb
Cobalt	59-2	520.52	516.39	514.41	517.11	0.60	ppb
Copper	63-2	984.87	985.65	983.97	984.83	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				113		%
Indium	115-1				117		%
Indium	115-2				105		%
Iron	56-2	26035.28	25793.61	25442.46	25757.12	1.16	ppb
Iron	57-2	26411.29	26024.25	26023.38	26152.98	0.86	ppb
Krypton	83-1						cps
Lead	206-1	509.46	490.03	500.04	499.84	1.94	ppb
Lead	207-1	542.17	517.28	534.55	531.33	2.40	ppb
Lead	208-1	518.65	495.97	512.23	508.95	2.30	ppb
Lithium	6-1				120		%
Magnesium	24-2	53466.57	53154.40	53262.11	53294.36	0.30	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	PB124441BS	Instrumnet Name :	P7
Client Sample ID :	PB124441BS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:27:37	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1081.50	1074.66	1065.97	1074.04	0.72	ppb
Molybdenum	94-1	2447.79	2223.36	2299.90	2323.68	4.91	ppb
Molybdenum	95-1	2428.90	2214.38	2278.07	2307.12	4.78	ppb
Molybdenum	96-1	2437.68	2220.87	2267.01	2308.52	4.95	ppb
Molybdenum	97-1	2441.59	2226.86	2273.82	2314.09	4.88	ppb
Molybdenum	98-1	2433.00	2212.45	2287.68	2311.04	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.12	523.34	518.22	522.22	0.69	ppb
Phosphorus	31-2	-87.90	-68.35	-34.58	-63.61		ppb
Potassium	39-2	25803.33	25593.06	25491.12	25629.17	0.62	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				116		%
Scandium	45-2				112		%
Selenium	77-2	508.43	539.39	522.42	523.41	2.96	ppb
Selenium	78-2	526.81	523.30	514.31	521.47	1.24	ppb
Selenium	82-1	522.24	477.33	489.11	496.23	4.69	ppb
Silicon	28-1	208.18	188.96	193.27	196.80	5.12	ppb
Silver	109-1	498.87	456.03	477.10	477.33	4.49	ppb
Silver	107-1	501.71	455.54	472.91	476.72	4.89	ppb
Sodium	23-2	54155.26	53802.53	53120.92	53692.90	0.98	ppb
Strontium	86-1	504.90	457.96	472.82	478.56	5.01	ppb
Strontium	88-1	496.41	448.07	466.61	470.36	5.18	ppb
Sulfur	34-1	-1830.79	-4736.51	-4666.97	-3744.75		ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	498.79	478.10	499.43	492.10	2.47	ppb
Thallium	205-1	498.86	477.78	494.75	490.46	2.28	ppb
Thorium	232-1	0.11	0.16	0.15	0.14	21.35	ppb
Tin	118-1	527.31	479.49	505.12	503.97	4.75	ppb
Titanium	47-1	2550.21	2327.90	2395.36	2424.49	4.70	ppb
Uranium	238-1	483.98	462.39	480.29	475.55	2.43	ppb
Vanadium	51-2	516.05	512.47	508.36	512.29	0.75	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	PB124441BS	Instrumnet Name :	P7
Client Sample ID :	PB124441BS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:27:37	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1099.63	1085.84	1090.06	1091.84	0.65	ppb
Zirconium	90-1	487.06	443.72	461.32	464.03	4.70	ppb
Zirconium	91-1	499.82	452.94	470.89	474.55	4.98	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-18 18:31:12	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.38	10.16	8.85	8.80	15.82	ppb
Antimony	121-1	2.43	2.18	1.92	2.18	11.88	ppb
Arsenic	75-2	2.55	2.67	2.57	2.60	2.55	ppb
Barium	135-1	12.18	12.44	12.00	12.20	1.81	ppb
Barium	137-1	12.33	12.08	12.58	12.33	2.00	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	16.76	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	10-1	20.44	19.63	20.11	20.06	2.03	ppb
Boron	11-1	20.81	20.97	19.84	20.54	2.98	ppb
Cadmium	111-1	0.37	0.24	0.27	0.29	23.16	ppb
Cadmium	106-1	2.49	1.44	1.29	1.74	37.52	ppb
Cadmium	108-1	0.13	0.35	-0.01	0.15	117.24	ppb
Calcium	43-1	17531.08	17245.30	17261.86	17346.08	0.92	ppb
Calcium	44-1	17308.94	17174.52	17185.25	17222.90	0.43	ppb
Chromium	52-2	0.19	0.25	0.23	0.22	12.50	ppb
Cobalt	59-2	0.88	0.88	0.86	0.87	1.01	ppb
Copper	63-2	1.07	1.02	0.88	0.99	10.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				114		%
Indium	115-1				120		%
Indium	115-2				112		%
Iron	56-2	975.16	964.85	976.07	972.03	0.64	ppb
Iron	57-2	1023.07	1003.73	1030.43	1019.08	1.35	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.31	0.25	0.29	12.42	ppb
Lead	207-1	0.38	0.31	0.32	0.34	11.89	ppb
Lead	208-1	0.33	0.31	0.27	0.30	10.65	ppb
Lithium	6-1				124		%
Magnesium	24-2	7934.10	7935.31	7991.78	7953.73	0.41	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-18 18:31:12	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	397.78	395.72	400.64	398.05	0.62	ppb
Molybdenum	94-1	1.14	1.19	1.16	1.17	2.10	ppb
Molybdenum	95-1	1.26	1.17	1.25	1.23	3.79	ppb
Molybdenum	96-1	1.12	1.12	1.15	1.13	1.51	ppb
Molybdenum	97-1	1.23	1.11	1.04	1.12	8.89	ppb
Molybdenum	98-1	1.21	1.13	1.14	1.16	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.41	0.44	0.45	9.89	ppb
Phosphorus	31-2	-82.19	-72.90	-109.55	-88.22		ppb
Potassium	39-2	1403.07	1386.60	1417.13	1402.27	1.09	ppb
Rhodium	103-1				111		%
Rhodium	103-2				114		%
Scandium	45-1				119		%
Scandium	45-2				121		%
Selenium	77-2	0.42	0.00	1.25	0.56	114.76	ppb
Selenium	78-2	0.99	-0.04	-0.24	0.24	278.00	ppb
Selenium	82-1	-0.22	0.20	-0.29	-0.10		ppb
Silicon	28-1	1227.47	1235.47	1238.49	1233.81	0.46	ppb
Silver	109-1	0.53	0.54	0.46	0.51	8.43	ppb
Silver	107-1	0.59	0.54	0.47	0.53	11.84	ppb
Sodium	23-2	10332.49	10284.35	10297.13	10304.66	0.24	ppb
Strontium	86-1	137.16	136.48	139.46	137.70	1.13	ppb
Strontium	88-1	133.17	130.75	133.47	132.46	1.13	ppb
Sulfur	34-1	-2205.76	-2287.41	-1910.99	-2134.72		ppb
Terbium	159-1				115		%
Terbium	159-2				114		%
Thallium	203-1	0.93	0.68	0.61	0.74	22.98	ppb
Thallium	205-1	0.90	0.70	0.56	0.72	23.31	ppb
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.60	0.58	0.64	0.61	5.06	ppb
Titanium	47-1	0.63	0.60	0.52	0.58	9.32	ppb
Uranium	238-1	0.10	0.11	0.11	0.11	5.42	ppb
Vanadium	51-2	0.14	0.15	0.15	0.15	6.28	ppb
Yttrium	89-1				116		%
Yttrium	89-2				115		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-18 18:31:12	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-1.27	-1.70	-1.60	-1.52		ppb
Zirconium	90-1	0.26	0.28	0.26	0.27	4.27	ppb
Zirconium	91-1	0.26	0.23	0.27	0.25	8.84	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DL2X25	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL2	Dilution Factor :	25
Date & Time Acquired ::	2019-11-18 18:38:47	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.87	3.09	2.24	2.40	26.05	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	9.73	ppb
Arsenic	75-2	0.40	0.71	0.65	0.59	28.20	ppb
Barium	135-1	2.65	2.38	2.46	2.50	5.57	ppb
Barium	137-1	2.36	2.25	2.53	2.38	6.00	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	31.83	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	4.54	4.97	4.78	4.76	4.56	ppb
Boron	11-1	4.41	4.55	4.77	4.58	3.93	ppb
Cadmium	111-1	0.16	0.13	0.09	0.12	28.45	ppb
Cadmium	106-1	1.71	1.28	0.92	1.30	30.40	ppb
Cadmium	108-1	0.02	-0.07	0.05	0.00		ppb
Calcium	43-1	3427.10	3430.34	3367.30	3408.25	1.04	ppb
Calcium	44-1	3357.22	3424.17	3427.05	3402.81	1.16	ppb
Chromium	52-2	0.04	0.16	0.03	0.08	92.32	ppb
Cobalt	59-2	0.19	0.26	0.18	0.21	20.96	ppb
Copper	63-2	0.44	0.58	0.44	0.49	16.97	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				105		%
Indium	115-1				119		%
Indium	115-2				103		%
Iron	56-2	199.68	252.11	191.34	214.38	15.36	ppb
Iron	57-2	214.30	264.76	193.54	224.20	16.34	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.05	0.07	16.27	ppb
Lead	207-1	0.07	0.05	0.08	0.07	23.27	ppb
Lead	208-1	0.08	0.07	0.07	0.07	11.17	ppb
Lithium	6-1				121		%
Magnesium	24-2	1582.62	2008.89	1526.21	1705.91	15.47	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DL2X25	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL2	Dilution Factor :	25
Date & Time Acquired ::	2019-11-18 18:38:47	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	80.95	102.92	78.11	87.33	15.54	ppb
Molybdenum	94-1	0.19	0.27	0.26	0.24	18.36	ppb
Molybdenum	95-1	0.18	0.22	0.22	0.21	11.71	ppb
Molybdenum	96-1	0.24	0.25	0.23	0.24	3.55	ppb
Molybdenum	97-1	0.19	0.26	0.19	0.21	19.70	ppb
Molybdenum	98-1	0.22	0.22	0.23	0.22	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.12	0.10	0.12	13.99	ppb
Phosphorus	31-2	-89.76	-142.41	-137.56	-123.24		ppb
Potassium	39-2	298.33	401.75	288.07	329.38	19.09	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				116		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.42	0.14	173.21	ppb
Selenium	78-2	-0.04	-0.14	0.41	0.08	375.25	ppb
Selenium	82-1	-0.31	0.44	0.13	0.09	425.94	ppb
Silicon	28-1	240.69	241.42	241.85	241.32	0.24	ppb
Silver	109-1	0.04	0.04	0.05	0.05	9.83	ppb
Silver	107-1	0.05	0.05	0.07	0.05	22.13	ppb
Sodium	23-2	2086.38	2618.08	2013.06	2239.17	14.75	ppb
Strontium	86-1	27.24	27.34	27.40	27.32	0.28	ppb
Strontium	88-1	26.47	26.61	27.12	26.73	1.29	ppb
Sulfur	34-1	-217.83	1.38	423.56	69.04	472.22	ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.05	0.02	0.04	38.76	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.73	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.18	0.20	0.19	0.19	5.61	ppb
Titanium	47-1	0.23	0.21	0.16	0.20	19.83	ppb
Uranium	238-1	0.02	0.03	0.01	0.02	53.08	ppb
Vanadium	51-2	0.04	0.05	0.04	0.04	22.92	ppb
Yttrium	89-1				114		%
Yttrium	89-2				104		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DL2X25	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL2	Dilution Factor :	25
Date & Time Acquired ::	2019-11-18 18:38:47	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-4.91	-4.32	-4.83	-4.69		ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	17.12	ppb
Zirconium	91-1	0.03	0.06	0.06	0.05	42.54	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:47:14	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.40	23.78	23.51	22.90	5.69	ppb
Antimony	121-1	2.05	2.08	2.07	2.07	0.51	ppb
Arsenic	75-2	1.08	0.99	1.10	1.06	5.61	ppb
Barium	135-1	10.92	10.83	10.79	10.85	0.58	ppb
Barium	137-1	10.82	10.46	10.57	10.62	1.73	ppb
Beryllium	9-1	1.02	0.89	0.98	0.96	6.85	ppb
Bismuth	209-1				108		%
Bismuth	209-2				112		%
Boron	10-1	25.36	24.82	25.27	25.15	1.14	ppb
Boron	11-1	24.77	25.56	25.30	25.21	1.61	ppb
Cadmium	111-1	1.17	1.23	1.32	1.24	5.88	ppb
Cadmium	106-1	2.02	3.06	3.80	2.96	30.30	ppb
Cadmium	108-1	0.97	0.90	0.92	0.93	4.10	ppb
Calcium	43-1	517.93	521.65	497.84	512.47	2.50	ppb
Calcium	44-1	515.82	511.62	502.96	510.13	1.29	ppb
Chromium	52-2	2.22	2.20	2.21	2.21	0.48	ppb
Cobalt	59-2	1.09	1.05	0.99	1.04	4.75	ppb
Copper	63-2	2.15	2.07	2.16	2.13	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				118		%
Indium	115-2				112		%
Iron	56-2	57.99	57.99	60.04	58.67	2.02	ppb
Iron	57-2	54.64	57.29	57.50	56.47	2.82	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.01	1.01	1.05	5.96	ppb
Lead	207-1	1.08	1.08	1.05	1.07	1.90	ppb
Lead	208-1	1.08	1.03	1.02	1.04	2.81	ppb
Lithium	6-1				119		%
Magnesium	24-2	559.74	559.08	568.89	562.57	0.97	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:47:14	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.12	1.16	1.11	4.36	ppb
Molybdenum	94-1	4.97	5.15	4.72	4.95	4.33	ppb
Molybdenum	95-1	4.88	4.98	5.10	4.99	2.15	ppb
Molybdenum	96-1	5.09	4.75	4.84	4.89	3.60	ppb
Molybdenum	97-1	5.14	4.94	4.96	5.01	2.18	ppb
Molybdenum	98-1	5.16	4.96	4.93	5.01	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.10	1.18	1.13	3.98	ppb
Phosphorus	31-2	73.52	49.34	33.68	52.18	38.46	ppb
Potassium	39-2	529.16	527.16	545.01	533.78	1.83	ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	77-2	4.23	4.19	3.46	3.96	10.90	ppb
Selenium	78-2	6.21	5.11	6.25	5.86	11.12	ppb
Selenium	82-1	5.55	5.08	5.13	5.25	4.88	ppb
Silicon	28-1	10.85	10.61	10.23	10.56	2.97	ppb
Silver	109-1	1.21	1.19	1.22	1.21	1.29	ppb
Silver	107-1	1.23	1.20	1.22	1.22	1.24	ppb
Sodium	23-2	531.11	537.35	546.76	538.41	1.46	ppb
Strontium	86-1	1.04	1.13	1.02	1.07	5.73	ppb
Strontium	88-1	1.03	1.05	1.05	1.04	0.99	ppb
Sulfur	34-1	2028.22	1560.38	803.58	1464.06	42.21	ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	1.07	0.99	1.08	1.05	4.43	ppb
Thallium	205-1	1.04	0.98	1.01	1.01	2.80	ppb
Thorium	232-1	4.22	4.14	4.17	4.17	0.91	ppb
Tin	118-1	5.82	5.68	5.67	5.72	1.42	ppb
Titanium	47-1	5.18	5.04	5.06	5.09	1.50	ppb
Uranium	238-1	0.94	0.96	0.97	0.96	1.54	ppb
Vanadium	51-2	5.37	5.29	5.41	5.36	1.18	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:47:14	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.48	2.44	2.73	2.55	6.24	ppb
Zirconium	90-1	1.01	0.94	0.93	0.96	4.30	ppb
Zirconium	91-1	0.93	1.01	0.98	0.97	4.44	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:50:49	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50447.75	50442.87	50413.31	50434.64	0.04	ppb
Antimony	121-1	484.06	490.96	485.46	486.83	0.75	ppb
Arsenic	75-2	475.55	476.90	468.82	473.76	0.91	ppb
Barium	135-1	2439.49	2486.15	2448.11	2457.92	1.01	ppb
Barium	137-1	2444.56	2514.35	2456.91	2471.94	1.51	ppb
Beryllium	9-1	473.51	479.85	472.96	475.44	0.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	478.27	494.01	490.74	487.67	1.70	ppb
Boron	11-1	480.90	497.74	490.31	489.65	1.72	ppb
Cadmium	111-1	515.45	523.51	516.30	518.42	0.85	ppb
Cadmium	106-1	530.06	523.75	526.80	526.87	0.60	ppb
Cadmium	108-1	526.31	524.51	520.01	523.61	0.62	ppb
Calcium	43-1	235821.17	238965.87	239577.28	238121.44	0.85	ppb
Calcium	44-1	237217.27	238378.32	237470.14	237688.58	0.26	ppb
Chromium	52-2	485.92	488.95	484.34	486.40	0.48	ppb
Cobalt	59-2	465.25	471.05	464.01	466.77	0.80	ppb
Copper	63-2	997.52	1002.31	993.69	997.84	0.43	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				108		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	118797.14	118466.30	117198.61	118154.01	0.71	ppb
Iron	57-2	117917.00	118976.86	117752.14	118215.33	0.56	ppb
Krypton	83-1						cps
Lead	206-1	489.85	493.83	496.15	493.28	0.65	ppb
Lead	207-1	502.72	505.09	508.15	505.32	0.54	ppb
Lead	208-1	488.95	492.53	493.76	491.75	0.51	ppb
Lithium	6-1				111		%
Magnesium	24-2	243958.11	243931.28	241813.42	243234.27	0.51	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:50:49	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	955.85	961.51	955.40	957.59	0.36	ppb
Molybdenum	94-1	2377.25	2423.80	2422.32	2407.79	1.10	ppb
Molybdenum	95-1	2392.99	2405.91	2411.49	2403.46	0.39	ppb
Molybdenum	96-1	2377.68	2410.34	2405.60	2397.87	0.74	ppb
Molybdenum	97-1	2377.89	2423.89	2419.69	2407.16	1.06	ppb
Molybdenum	98-1	2370.26	2416.55	2420.96	2402.59	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.71	467.75	456.71	462.06	1.20	ppb
Phosphorus	31-2	3546.53	3506.63	3692.77	3581.98	2.74	ppb
Potassium	39-2	121163.00	120820.36	120933.14	120972.17	0.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	502.92	505.29	506.06	504.76	0.32	ppb
Selenium	78-2	495.45	494.51	500.19	496.72	0.61	ppb
Selenium	82-1	494.88	501.02	498.59	498.16	0.62	ppb
Silicon	28-1	561.74	578.05	574.46	571.41	1.50	ppb
Silver	109-1	505.31	516.57	503.82	508.57	1.37	ppb
Silver	107-1	505.45	514.88	506.79	509.04	1.00	ppb
Sodium	23-2	241655.98	243635.22	241395.55	242228.92	0.51	ppb
Strontium	86-1	485.69	492.89	492.83	490.47	0.84	ppb
Strontium	88-1	472.47	483.27	485.26	480.33	1.43	ppb
Sulfur	34-1	3059.04	3037.92	1761.16	2619.38	28.38	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	493.58	495.46	503.14	497.39	1.02	ppb
Thallium	205-1	486.29	493.93	498.54	492.92	1.25	ppb
Thorium	232-1	15.09	15.47	15.43	15.33	1.36	ppb
Tin	118-1	497.35	501.34	492.67	497.12	0.87	ppb
Titanium	47-1	2444.43	2442.80	2424.78	2437.33	0.45	ppb
Uranium	238-1	475.02	489.03	490.88	484.98	1.79	ppb
Vanadium	51-2	484.38	487.37	482.13	484.63	0.54	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:50:49	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	956.51	961.80	958.53	958.95	0.28	ppb
Zirconium	90-1	482.25	489.02	487.76	486.34	0.74	ppb
Zirconium	91-1	491.86	500.41	497.06	496.44	0.87	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:54:27	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.90	8.22	7.25	7.12	16.34	ppb
Antimony	121-1	0.41	0.47	0.58	0.49	17.07	ppb
Arsenic	75-2	0.10	0.11	0.08	0.10	15.61	ppb
Barium	135-1	0.34	0.24	0.27	0.28	18.72	ppb
Barium	137-1	0.23	0.28	0.32	0.28	15.88	ppb
Beryllium	9-1	0.07	0.12	0.10	0.10	22.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	7.33	5.66	5.11	6.03	19.12	ppb
Boron	11-1	6.79	6.00	5.26	6.02	12.73	ppb
Cadmium	111-1	-0.01	0.22	0.18	0.13	95.42	ppb
Cadmium	106-1	-0.74	1.91	1.39	0.85	164.33	ppb
Cadmium	108-1	0.02	0.12	0.11	0.08	61.94	ppb
Calcium	43-1	21.33	29.35	28.91	26.53	16.99	ppb
Calcium	44-1	28.49	28.91	28.67	28.69	0.73	ppb
Chromium	52-2	0.09	0.08	0.09	0.09	5.93	ppb
Cobalt	59-2	0.04	0.04	0.05	0.04	11.86	ppb
Copper	63-2	0.17	0.15	0.16	0.16	6.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	14.40	14.55	13.42	14.12	4.37	ppb
Iron	57-2	13.70	13.07	13.78	13.52	2.87	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.07	0.07	4.59	ppb
Lead	207-1	0.07	0.07	0.05	0.06	10.02	ppb
Lead	208-1	0.07	0.06	0.07	0.07	6.97	ppb
Lithium	6-1				111		%
Magnesium	24-2	28.97	26.74	26.97	27.56	4.44	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:54:27	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.14	0.13	0.14	0.14	5.82	ppb
Molybdenum	94-1	0.71	0.72	0.62	0.69	8.45	ppb
Molybdenum	95-1	0.79	0.75	0.73	0.76	4.24	ppb
Molybdenum	96-1	0.80	0.81	0.72	0.78	6.38	ppb
Molybdenum	97-1	0.79	0.69	0.76	0.75	7.44	ppb
Molybdenum	98-1	0.90	0.76	0.77	0.81	9.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.08	0.04	0.06	30.13	ppb
Phosphorus	31-2	-127.47	-92.81	-96.72	-105.66		ppb
Potassium	39-2	46.56	47.27	44.38	46.07	3.27	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.45	0.15	173.21	ppb
Selenium	78-2	1.67	0.36	0.91	0.98	67.48	ppb
Selenium	82-1	0.20	0.64	0.64	0.50	51.33	ppb
Silicon	28-1	5.32	5.15	4.95	5.14	3.60	ppb
Silver	109-1	0.05	0.07	0.05	0.06	28.59	ppb
Silver	107-1	0.05	0.07	0.09	0.07	27.98	ppb
Sodium	23-2	51.24	48.99	44.68	48.30	6.90	ppb
Strontium	86-1	0.08	0.04	0.04	0.05	41.22	ppb
Strontium	88-1	0.06	0.06	0.06	0.06	1.59	ppb
Sulfur	34-1	-199.95	-198.56	-454.72	-284.41		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.10	0.10	0.10	6.54	ppb
Thallium	205-1	0.11	0.11	0.08	0.10	19.34	ppb
Thorium	232-1	0.01	0.02	0.01	0.02	31.33	ppb
Tin	118-1	0.44	0.44	0.43	0.43	1.56	ppb
Titanium	47-1	0.24	0.26	0.32	0.28	14.57	ppb
Uranium	238-1	0.06	0.05	0.05	0.06	12.51	ppb
Vanadium	51-2	0.05	0.03	0.05	0.05	23.86	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:54:27	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-1.25	-1.29	-1.06	-1.20		ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	2.61	ppb
Zirconium	91-1	0.09	0.09	0.16	0.12	34.81	ppb

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:04:22	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	50	50	36	66.62	cps
Antimony	121-1	167	167	158	164	2.93	cps
Arsenic	75-2	7	2	9	6	62.47	cps
Barium	135-1	33	17	17	22	43.28	cps
Barium	137-1	17	25	50	31	56.77	cps
Beryllium	9-1	72	61	44	59	23.59	cps
Bismuth	209-1	4084495	4072737	4020324	4059185	0.84	cps
Bismuth	209-2	2522703	2472294	2463463	2486153	1.29	cps
Boron	10-1	550	650	642	614	9.04	cps
Boron	11-1	3109	2775	3059	2981	6.03	cps
Cadmium	111-1	1757	1843	1957	1852	5.42	cps
Cadmium	106-1	2500	2642	2792	2645	5.52	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	167	150	167	161	5.97	cps
Calcium	44-1	6660	6435	6318	6471	2.69	cps
Chromium	52-2	713	707	787	736	6.03	cps
Cobalt	59-2	33	33	20	29	26.64	cps
Copper	63-2	350	343	307	333	7.00	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	50	83	25	53	55.46	cps
Erbium	164-2	33	30	47	37	24.06	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	167	170	233	190	19.77	cps
Holmium	165-1	6747325	6841466	6810924	6799905	0.71	cps
Holmium	165-2	3491231	3427967	3421001	3446733	1.12	cps
Indium	115-1	5560524	5566872	5559093	5562163	0.07	cps
Indium	115-2	1238949	1223384	1204924	1222419	1.39	cps
Iron	56-2	3712	3523	3734	3656	3.17	cps
Iron	57-2	217	283	272	257	13.87	cps
Krypton	83-1	507	557	473	512	8.19	cps
Lead	206-1	556	556	500	537	5.97	cps
Lead	207-1	522	533	528	528	1.05	cps
Lead	208-1	1878	1967	1728	1858	6.50	cps
Lithium	6-1	2766598	2782164	2776145	2774969	0.28	cps
Magnesium	24-2	625	583	667	625	6.67	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:04:22	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	53	30	37	39.62	cps
Molybdenum	94-1	200	217	250	222	11.46	cps
Molybdenum	95-1	100	125	75	100	25.00	cps
Molybdenum	96-1	133	158	117	136	15.41	cps
Molybdenum	97-1	83	67	58	69	18.33	cps
Molybdenum	98-1	92	150	117	119	24.50	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	3	17	17	12	63.01	cps
Phosphorus	31-2	108	158	183	150	25.46	cps
Potassium	39-2	16585	16493	15792	16290	2.66	cps
Rhodium	103-1	5316404	5377520	5362500	5352141	0.60	cps
Rhodium	103-2	2629292	2613690	2580346	2607776	0.96	cps
Scandium	45-1	4885120	4907689	4876867	4889892	0.33	cps
Scandium	45-2	221026	219755	213738	218173	1.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	17	41	36	49.38	cps
Selenium	82-1	19	-26	14	3	952.95	cps
Silicon	28-1	163239	165230	164319	164262	0.61	cps
Silver	109-1	67	67	50	61	15.75	cps
Silver	107-1	50	92	58	67	33.07	cps
Sodium	23-2	6210	6160	6435	6268	2.34	cps
Strontium	86-1	925	875	792	864	7.80	cps
Strontium	88-1	108	150	117	125	17.64	cps
Sulfur	34-1	342145	337161	340132	339813	0.74	cps
Terbium	159-1	7027712	7111454	7066895	7068687	0.59	cps
Terbium	159-2	3466780	3440258	3421522	3442853	0.66	cps
Thallium	203-1	342	300	300	314	7.66	cps
Thallium	205-1	508	567	592	556	7.70	cps
Thorium	232-1	1195	1245	1206	1215	2.16	cps
Tin	118-1	258	308	267	278	9.64	cps
Titanium	47-1	133	75	100	103	28.48	cps
Uranium	238-1	1442	1625	1550	1539	5.99	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	7837743	7838409	7850593	7842248	0.09	cps
Yttrium	89-2	1162531	1157228	1143655	1154471	0.84	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:04:22	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2850	2907	2914	2890	1.20	cps
Zirconium	90-1	417	458	458	444	5.41	cps
Zirconium	91-1	75	100	67	81	21.54	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:17:23	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1750	1934	1617	1767	9.00	cps
Antimony	121-1	12122	11922	11647	11897	2.01	cps
Arsenic	75-2	269	243	222	244	9.49	cps
Barium	135-1	16652	15927	15743	16107	2.99	cps
Barium	137-1	26418	27294	27278	26997	1.86	cps
Beryllium	9-1	2395	2461	2389	2415	1.66	cps
Bismuth	209-1	4167717	4125377	4186573	4159889	0.75	cps
Bismuth	209-2	2622074	2654371	2892859	2723101	5.43	cps
Boron	10-1	9620	9120	9545	9428	2.86	cps
Boron	11-1	42502	42703	42511	42572	0.27	cps
Cadmium	111-1	3833	3866	3653	3784	3.03	cps
Cadmium	106-1	3084	2975	3067	3042	1.92	cps
Cadmium	108-1	138	179	146	154	14.30	cps
Calcium	43-1	13306	13782	13699	13596	1.87	cps
Calcium	44-1	217392	217243	220454	218363	0.83	cps
Chromium	52-2	5458	5428	5194	5360	2.69	cps
Cobalt	59-2	3530	3624	3707	3620	2.44	cps
Copper	63-2	5154	5061	5031	5082	1.27	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	13	17	3	11	62.48	cps
Erbium	164-1	50	58	83	64	27.15	cps
Erbium	164-2	43	37	27	36	23.58	cps
Gadolinium	160-1	50	42	50	47	10.18	cps
Gadolinium	160-2	143	157	170	157	8.51	cps
Holmium	165-1	6943599	6965441	7149135	7019391	1.61	cps
Holmium	165-2	3652432	3670333	3972509	3765091	4.78	cps
Indium	115-1	6029650	5956689	6061084	6015808	0.89	cps
Indium	115-2	1280227	1273002	1389514	1314248	4.97	cps
Iron	56-2	108588	106523	107748	107619	0.96	cps
Iron	57-2	2839	2834	2884	2852	0.96	cps
Krypton	83-1	557	587	567	570	2.68	cps
Lead	206-1	4996	5362	4879	5079	4.97	cps
Lead	207-1	4506	4529	4818	4618	3.76	cps
Lead	208-1	20123	20023	20518	20221	1.29	cps
Lithium	6-1	2768141	2779767	2818783	2788897	0.95	cps
Magnesium	24-2	103917	105059	103573	104183	0.75	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:17:23	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1643	1650	1507	1600	5.06	cps
Molybdenum	94-1	14383	14466	14691	14513	1.10	cps
Molybdenum	95-1	17837	18246	18463	18182	1.75	cps
Molybdenum	96-1	19923	20223	20791	20312	2.17	cps
Molybdenum	97-1	11372	11171	11288	11277	0.89	cps
Molybdenum	98-1	28697	28638	29022	28786	0.72	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	1000	920	997	972	4.66	cps
Phosphorus	31-2	400	442	417	419	5.00	cps
Potassium	39-2	113054	112179	112634	112623	0.39	cps
Rhodium	103-1	5403879	5424887	5509922	5446229	1.03	cps
Rhodium	103-2	2696310	2715609	2971371	2794430	5.49	cps
Scandium	45-1	4940868	4924760	4992706	4952778	0.72	cps
Scandium	45-2	229509	227990	247858	235119	4.70	cps
Selenium	77-2	40	30	37	36	14.32	cps
Selenium	78-2	172	185	193	183	5.63	cps
Selenium	82-1	837	773	847	819	4.93	cps
Silicon	28-1	221482	220569	222261	221438	0.38	cps
Silver	109-1	7677	8420	8194	8097	4.70	cps
Silver	107-1	9253	9504	8745	9167	4.22	cps
Sodium	23-2	205320	202373	199848	202514	1.35	cps
Strontium	86-1	3059	3159	3284	3167	3.56	cps
Strontium	88-1	20899	20457	21175	20844	1.74	cps
Sulfur	34-1	356134	348080	354209	352808	1.19	cps
Terbium	159-1	7277301	7238338	7460471	7325370	1.62	cps
Terbium	159-2	3624434	3647672	3963903	3745336	5.06	cps
Thallium	203-1	5476	5676	5860	5671	3.38	cps
Thallium	205-1	13549	13249	13024	13274	1.99	cps
Thorium	232-1	18825	19415	18592	18944	2.24	cps
Tin	118-1	27545	27979	27469	27664	0.99	cps
Titanium	47-1	6018	6093	5985	6032	0.92	cps
Uranium	238-1	22645	21527	20776	21649	4.35	cps
Vanadium	51-2	10390	10244	9913	10183	2.40	cps
Yttrium	89-1	7954014	7979421	8050564	7994666	0.63	cps
Yttrium	89-2	1196592	1204494	1309654	1236913	5.10	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:17:23	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3837	3517	3741	3698	4.44	cps
Zirconium	90-1	11330	11255	10905	11163	2.03	cps
Zirconium	91-1	2300	2400	2542	2414	5.03	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:21:42	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90414	92460	89886	90920	1.50	cps
Antimony	121-1	309341	307838	310819	309333	0.48	cps
Arsenic	75-2	12014	11794	11868	11892	0.94	cps
Barium	135-1	414392	407864	413171	411809	0.84	cps
Barium	137-1	698432	703522	712049	704668	0.98	cps
Beryllium	9-1	112928	112771	112766	112822	0.08	cps
Bismuth	209-1	3872510	4194105	4141012	4069209	4.24	cps
Bismuth	209-2	2499203	2601787	2629296	2576762	2.66	cps
Boron	10-1	19138	20014	19730	19627	2.28	cps
Boron	11-1	87110	86774	87084	86989	0.21	cps
Cadmium	111-1	95516	95076	94066	94886	0.78	cps
Cadmium	106-1	13215	13532	13307	13351	1.22	cps
Cadmium	108-1	7235	7198	7290	7241	0.64	cps
Calcium	43-1	136123	135685	136409	136072	0.27	cps
Calcium	44-1	2145163	2137031	2159835	2147343	0.54	cps
Chromium	52-2	116156	116294	116506	116319	0.15	cps
Cobalt	59-2	177169	176437	177951	177186	0.43	cps
Copper	63-2	233627	233971	233678	233759	0.08	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	17	20	10	16	32.73	cps
Erbium	164-1	58	17	42	39	53.93	cps
Erbium	164-2	43	47	20	37	39.63	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	163	160	143	156	6.89	cps
Holmium	165-1	6470978	6999129	6996109	6822072	4.46	cps
Holmium	165-2	3503855	3626254	3632406	3587505	2.02	cps
Indium	115-1	5405603	5877715	5824451	5702590	4.53	cps
Indium	115-2	1190622	1227332	1242034	1219996	2.17	cps
Iron	56-2	4610472	4645609	4624741	4626941	0.38	cps
Iron	57-2	122154	122721	121638	122171	0.44	cps
Krypton	83-1	600	527	557	561	6.57	cps
Lead	206-1	238508	232945	236051	235835	1.18	cps
Lead	207-1	210355	209469	212188	210671	0.66	cps
Lead	208-1	960323	954548	955653	956841	0.32	cps
Lithium	6-1	2568123	2755516	2729605	2684415	3.78	cps
Magnesium	24-2	996916	1002099	993735	997584	0.42	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 16:21:42 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	141412	143114	141688	142071	0.64	cps
Molybdenum	94-1	755341	748023	748302	750555	0.55	cps
Molybdenum	95-1	925261	916056	918659	919992	0.52	cps
Molybdenum	96-1	1028565	1020667	1022905	1024046	0.40	cps
Molybdenum	97-1	573608	571968	570216	571931	0.30	cps
Molybdenum	98-1	1460731	1445966	1449718	1452138	0.53	cps
Neodymium	150-1	33	53	40	42	24.13	cps
Neodymium	150-2	13	13	17	14	13.35	cps
Nickel	60-2	45159	44564	44989	44904	0.68	cps
Phosphorus	31-2	900	833	775	836	7.48	cps
Potassium	39-2	477006	485107	483957	482024	0.91	cps
Rhodium	103-1	4889148	5288871	5165459	5114492	4.00	cps
Rhodium	103-2	2556750	2614662	2651615	2607676	1.83	cps
Scandium	45-1	4437691	4815841	4692735	4648756	4.15	cps
Scandium	45-2	208215	215287	213289	212264	1.72	cps
Selenium	77-2	313	373	367	351	9.37	cps
Selenium	78-2	1235	1278	1233	1249	2.01	cps
Selenium	82-1	7888	8003	8122	8004	1.47	cps
Silicon	28-1	581897	582545	587112	583851	0.49	cps
Silver	109-1	408543	405639	404028	406070	0.56	cps
Silver	107-1	429091	428230	427650	428324	0.17	cps
Sodium	23-2	1981562	1998464	1977138	1985721	0.57	cps
Strontium	86-1	116562	115403	118748	116904	1.45	cps
Strontium	88-1	1007108	994616	1014471	1005398	1.00	cps
Sulfur	34-1	344235	343400	340083	342573	0.64	cps
Terbium	159-1	6696820	7255744	7232319	7061628	4.48	cps
Terbium	159-2	3463727	3595660	3614369	3557919	2.31	cps
Thallium	203-1	287760	285018	285415	286064	0.52	cps
Thallium	205-1	681846	670516	675206	675856	0.84	cps
Thorium	232-1	56221	54983	57237	56147	2.01	cps
Tin	118-1	282600	278301	282987	281296	0.92	cps
Titanium	47-1	299170	291689	293358	294739	1.33	cps
Uranium	238-1	1020872	1018975	1032677	1024175	0.72	cps
Vanadium	51-2	94396	95893	94587	94959	0.86	cps
Yttrium	89-1	7238294	7838513	7707832	7594880	4.16	cps
Yttrium	89-2	1123127	1156362	1158975	1146155	1.74	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:21:42	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	39764	40058	40272	40032	0.64	cps
Zirconium	90-1	622594	623012	622621	622743	0.04	cps
Zirconium	91-1	138305	138584	138122	138337	0.17	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 16:25:37 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216428	220622	219954	219001	1.03	cps
Antimony	121-1	810849	800639	816267	809252	0.98	cps
Arsenic	75-2	29218	29057	29558	29278	0.87	cps
Barium	135-1	1059481	1053023	1066230	1059578	0.62	cps
Barium	137-1	1785071	1793667	1797464	1792067	0.35	cps
Beryllium	9-1	284223	285699	285352	285091	0.27	cps
Bismuth	209-1	4128480	4154286	4162198	4148321	0.43	cps
Bismuth	209-2	2458362	2482918	2507141	2482807	0.98	cps
Boron	10-1	45386	46958	47626	46657	2.47	cps
Boron	11-1	206300	208000	209155	207818	0.69	cps
Cadmium	111-1	236833	240290	239422	238848	0.75	cps
Cadmium	106-1	30275	28897	29507	29560	2.34	cps
Cadmium	108-1	18346	18829	18750	18642	1.39	cps
Calcium	43-1	339182	339181	339393	339252	0.04	cps
Calcium	44-1	5348890	5369472	5348138	5355500	0.23	cps
Chromium	52-2	280531	280537	284882	281983	0.89	cps
Cobalt	59-2	423617	423567	428300	425161	0.64	cps
Copper	63-2	559793	562504	563666	561988	0.35	cps
Dysprosium	156-1	67	50	8	42	72.12	cps
Dysprosium	156-2	33	23	23	27	21.65	cps
Erbium	164-1	8	92	42	47	88.83	cps
Erbium	164-2	60	37	33	43	33.53	cps
Gadolinium	160-1	33	58	58	50	28.88	cps
Gadolinium	160-2	187	190	160	179	9.19	cps
Holmium	165-1	6871298	7033277	6954576	6953050	1.16	cps
Holmium	165-2	3444377	3465526	3490745	3466883	0.67	cps
Indium	115-1	5698929	5721259	5652023	5690737	0.62	cps
Indium	115-2	1142931	1148914	1154773	1148873	0.52	cps
Iron	56-2	11064334	11135710	11174482	11124842	0.50	cps
Iron	57-2	293013	294153	295862	294342	0.49	cps
Krypton	83-1	470	497	440	469	6.05	cps
Lead	206-1	617431	625696	619908	621012	0.68	cps
Lead	207-1	550278	552210	551280	551256	0.18	cps
Lead	208-1	2510548	2524278	2517521	2517449	0.27	cps
Lithium	6-1	2636577	2641727	2618489	2632264	0.46	cps
Magnesium	24-2	2397870	2393725	2414658	2402084	0.46	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:25:37	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	342501	343939	347256	344565	0.71	cps
Molybdenum	94-1	1900002	1903959	1892352	1898771	0.31	cps
Molybdenum	95-1	2305474	2318240	2299183	2307632	0.42	cps
Molybdenum	96-1	2543038	2567688	2556514	2555747	0.48	cps
Molybdenum	97-1	1442929	1447874	1453054	1447952	0.35	cps
Molybdenum	98-1	3638723	3644673	3649416	3644270	0.15	cps
Neodymium	150-1	80	87	113	93	18.90	cps
Neodymium	150-2	23	17	17	19	20.36	cps
Nickel	60-2	108931	108531	109636	109033	0.51	cps
Phosphorus	31-2	6402	6735	6985	6707	4.37	cps
Potassium	39-2	1134678	1134787	1135635	1135033	0.05	cps
Rhodium	103-1	4997963	5019194	4991955	5003037	0.29	cps
Rhodium	103-2	2416385	2421432	2465680	2434499	1.11	cps
Scandium	45-1	4512861	4524747	4509933	4515847	0.17	cps
Scandium	45-2	195789	195123	197318	196077	0.57	cps
Selenium	77-2	853	847	870	857	1.40	cps
Selenium	78-2	3102	2930	3049	3027	2.91	cps
Selenium	82-1	19926	19909	20097	19977	0.52	cps
Silicon	28-1	1045845	1042047	1043158	1043683	0.19	cps
Silver	109-1	1032630	1040985	1029209	1034275	0.59	cps
Silver	107-1	1089217	1096544	1088737	1091499	0.40	cps
Sodium	23-2	4733585	4742189	4786415	4754063	0.60	cps
Strontium	86-1	300437	303891	302933	302420	0.59	cps
Strontium	88-1	2551828	2552244	2551423	2551831	0.02	cps
Sulfur	34-1	377691	379401	378983	378692	0.24	cps
Terbium	159-1	7113281	7222526	7189125	7174977	0.78	cps
Terbium	159-2	3401677	3435996	3448988	3428887	0.71	cps
Thallium	203-1	750998	757122	747856	751992	0.63	cps
Thallium	205-1	1743569	1774443	1754642	1757551	0.89	cps
Thorium	232-1	1344946	1364670	1386410	1365342	1.52	cps
Tin	118-1	715936	718150	714165	716084	0.28	cps
Titanium	47-1	740893	731993	736528	736471	0.60	cps
Uranium	238-1	2711534	2713178	2790091	2738267	1.64	cps
Vanadium	51-2	232072	232170	233396	232546	0.32	cps
Yttrium	89-1	7474564	7546052	7470814	7497143	0.57	cps
Yttrium	89-2	1067469	1066084	1071283	1068279	0.25	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:25:37	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	91344	93000	93906	92750	1.40	cps
Zirconium	90-1	1591673	1586713	1601289	1593225	0.47	cps
Zirconium	91-1	362486	359114	360438	360679	0.47	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:29:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420816	420978	421906	421233	0.14	cps
Antimony	121-1	1554256	1569948	1558936	1561047	0.52	cps
Arsenic	75-2	55500	55944	54589	55344	1.25	cps
Barium	135-1	2044215	2043000	2031706	2039640	0.34	cps
Barium	137-1	3459765	3453619	3433041	3448809	0.41	cps
Beryllium	9-1	533962	534151	527517	531877	0.71	cps
Bismuth	209-1	4106496	4168655	4189515	4154888	1.04	cps
Bismuth	209-2	2483762	2500542	2490826	2491710	0.34	cps
Boron	10-1	87236	87830	89247	88104	1.17	cps
Boron	11-1	392339	409289	395289	398972	2.27	cps
Cadmium	111-1	454983	455253	451064	453767	0.52	cps
Cadmium	106-1	53636	55309	53151	54032	2.10	cps
Cadmium	108-1	34521	36025	35758	35435	2.26	cps
Calcium	43-1	634097	638135	630535	634256	0.60	cps
Calcium	44-1	10118831	10079257	10062640	10086909	0.29	cps
Chromium	52-2	533927	536352	532972	534417	0.33	cps
Cobalt	59-2	809066	808135	806963	808055	0.13	cps
Copper	63-2	1054428	1056748	1052921	1054699	0.18	cps
Dysprosium	156-1	8	50	42	33	66.15	cps
Dysprosium	156-2	70	77	37	61	35.07	cps
Erbium	164-1	50	83	33	56	45.83	cps
Erbium	164-2	40	30	30	33	17.32	cps
Gadolinium	160-1	67	83	92	81	15.80	cps
Gadolinium	160-2	190	163	160	171	9.61	cps
Holmium	165-1	6992064	7056240	7120473	7056259	0.91	cps
Holmium	165-2	3499602	3547590	3576412	3541201	1.10	cps
Indium	115-1	5597456	5682057	5677232	5652248	0.84	cps
Indium	115-2	1146158	1144998	1155664	1148940	0.51	cps
Iron	56-2	21219082	21278738	21205829	21234550	0.18	cps
Iron	57-2	562313	561619	559783	561238	0.23	cps
Krypton	83-1	487	543	550	527	6.61	cps
Lead	206-1	1193031	1206986	1218048	1206021	1.04	cps
Lead	207-1	1050163	1064826	1083204	1066065	1.55	cps
Lead	208-1	4788642	4861218	4902077	4850646	1.18	cps
Lithium	6-1	2579299	2591141	2587554	2585998	0.23	cps
Magnesium	24-2	4575504	4606913	4516762	4566393	1.00	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:29:27	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	654027	661382	656965	657458	0.56	cps
Molybdenum	94-1	3590867	3616456	3599137	3602153	0.36	cps
Molybdenum	95-1	4347945	4386473	4353870	4362763	0.48	cps
Molybdenum	96-1	4955593	5042262	4952311	4983389	1.02	cps
Molybdenum	97-1	2767511	2768111	2739098	2758240	0.60	cps
Molybdenum	98-1	7091077	7212627	7104175	7135960	0.93	cps
Neodymium	150-1	133	167	133	144	13.32	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	208100	207516	205522	207046	0.65	cps
Phosphorus	31-2	5326	5293	5493	5371	2.00	cps
Potassium	39-2	2132118	2145688	2125264	2134356	0.49	cps
Rhodium	103-1	4923257	4952139	4912529	4929308	0.42	cps
Rhodium	103-2	2410557	2422463	2430746	2421255	0.42	cps
Scandium	45-1	4385583	4429214	4419349	4411382	0.52	cps
Scandium	45-2	193187	194197	195718	194367	0.66	cps
Selenium	77-2	1767	1657	1667	1697	3.59	cps
Selenium	78-2	5864	5790	5712	5789	1.31	cps
Selenium	82-1	38379	38198	37749	38109	0.85	cps
Silicon	28-1	1918037	1943975	1932868	1931627	0.67	cps
Silver	109-1	1931883	1937953	1934933	1934923	0.16	cps
Silver	107-1	2023992	2043044	2035065	2034033	0.47	cps
Sodium	23-2	9149483	9154272	9079494	9127750	0.46	cps
Strontium	86-1	571974	575312	572192	573160	0.33	cps
Strontium	88-1	4917618	4952681	4926080	4932126	0.37	cps
Sulfur	34-1	329884	331077	324336	328432	1.10	cps
Terbium	159-1	7238182	7272524	7256380	7255695	0.24	cps
Terbium	159-2	3456714	3487360	3482030	3475368	0.47	cps
Thallium	203-1	1454782	1468367	1460155	1461101	0.47	cps
Thallium	205-1	3351200	3390471	3377955	3373208	0.59	cps
Thorium	232-1	796395	795135	801724	797751	0.44	cps
Tin	118-1	1387522	1395742	1400877	1394714	0.48	cps
Titanium	47-1	1385911	1378861	1384807	1383193	0.27	cps
Uranium	238-1	5450905	5469715	5519527	5480049	0.65	cps
Vanadium	51-2	439765	446915	442224	442968	0.82	cps
Yttrium	89-1	7440542	7463552	7428149	7444081	0.24	cps
Yttrium	89-2	1064092	1064067	1079501	1069220	0.83	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:29:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	174482	173217	173894	173864	0.36	cps
Zirconium	90-1	3009085	3022014	3015876	3015658	0.21	cps
Zirconium	91-1	691490	694175	689313	691660	0.35	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:33:15	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	812914	828777	818251	819980	0.98	cps
Antimony	121-1	2957856	2968497	2981379	2969244	0.40	cps
Arsenic	75-2	107176	107913	107738	107609	0.36	cps
Barium	135-1	3843383	3878276	3900479	3874046	0.74	cps
Barium	137-1	6838163	6819557	6908921	6855547	0.69	cps
Beryllium	9-1	1020174	1024071	1016115	1020120	0.39	cps
Bismuth	209-1	4144876	4193850	4199511	4179412	0.72	cps
Bismuth	209-2	2474117	2498154	2508145	2493472	0.70	cps
Boron	10-1	166241	173670	173552	171154	2.49	cps
Boron	11-1	758450	772299	779640	770130	1.40	cps
Cadmium	111-1	866215	872087	867882	868728	0.35	cps
Cadmium	106-1	100967	102353	102419	101913	0.80	cps
Cadmium	108-1	67874	67343	68067	67761	0.55	cps
Calcium	43-1	1230375	1243867	1240047	1238096	0.56	cps
Calcium	44-1	19833629	19827774	19841761	19834388	0.04	cps
Chromium	52-2	1025685	1041330	1025340	1030785	0.89	cps
Cobalt	59-2	1549216	1535716	1546119	1543684	0.46	cps
Copper	63-2	1997240	2004106	2018223	2006523	0.53	cps
Dysprosium	156-1	133	83	108	108	23.08	cps
Dysprosium	156-2	110	107	97	104	6.64	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	50	70	43	54	25.49	cps
Gadolinium	160-1	42	50	158	83	78.10	cps
Gadolinium	160-2	187	163	223	191	15.83	cps
Holmium	165-1	7234659	7208273	7269450	7237461	0.42	cps
Holmium	165-2	3573263	3610909	3604543	3596239	0.56	cps
Indium	115-1	5699547	5704392	5690728	5698222	0.12	cps
Indium	115-2	1143517	1155308	1158329	1152385	0.68	cps
Iron	56-2	41265161	41241020	41084709	41196963	0.24	cps
Iron	57-2	1081952	1081186	1084632	1082590	0.17	cps
Krypton	83-1	497	530	550	526	5.13	cps
Lead	206-1	2284524	2280130	2268345	2277666	0.37	cps
Lead	207-1	2031016	2040718	2033542	2035092	0.25	cps
Lead	208-1	9349950	9378596	9387733	9372093	0.21	cps
Lithium	6-1	2605256	2591229	2587105	2594530	0.37	cps
Magnesium	24-2	8833417	8883481	8865618	8860839	0.29	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:33:15	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1264726	1273038	1265374	1267713	0.36	cps
Molybdenum	94-1	7142189	7189291	7218355	7183278	0.54	cps
Molybdenum	95-1	8709916	8795154	8823323	8776131	0.67	cps
Molybdenum	96-1	9756325	9771662	9790838	9772942	0.18	cps
Molybdenum	97-1	5545608	5538359	5540489	5541485	0.07	cps
Molybdenum	98-1	14007590	14037234	14045188	14030004	0.14	cps
Neodymium	150-1	333	400	353	362	9.44	cps
Neodymium	150-2	23	63	43	43	46.16	cps
Nickel	60-2	395075	394640	397491	395735	0.39	cps
Phosphorus	31-2	5401	5385	4859	5215	5.91	cps
Potassium	39-2	4072380	4083124	4062023	4072509	0.26	cps
Rhodium	103-1	4926695	4984227	4994560	4968494	0.74	cps
Rhodium	103-2	2421813	2440353	2454966	2439044	0.68	cps
Scandium	45-1	4509070	4512161	4477057	4499429	0.43	cps
Scandium	45-2	197470	199277	198717	198488	0.47	cps
Selenium	77-2	3400	3210	3174	3262	3.73	cps
Selenium	78-2	10988	10936	11342	11088	1.99	cps
Selenium	82-1	72801	73915	73944	73553	0.89	cps
Silicon	28-1	3956035	3956523	3965627	3959395	0.14	cps
Silver	109-1	3630764	3633450	3644444	3636219	0.20	cps
Silver	107-1	3790453	3817346	3786393	3798064	0.44	cps
Sodium	23-2	17772595	17832186	17698168	17767650	0.38	cps
Strontium	86-1	1112129	1111634	1105342	1109702	0.34	cps
Strontium	88-1	9526165	9559521	9664059	9583248	0.75	cps
Sulfur	34-1	313798	308586	308507	310297	0.98	cps
Terbium	159-1	7444782	7354036	7458152	7418990	0.76	cps
Terbium	159-2	3526214	3580310	3538213	3548246	0.80	cps
Thallium	203-1	2754711	2788083	2768426	2770406	0.61	cps
Thallium	205-1	6656629	6722336	6659809	6679591	0.55	cps
Thorium	232-1	64331	66268	64447	65015	1.67	cps
Tin	118-1	2663338	2639910	2677015	2660088	0.71	cps
Titanium	47-1	2669436	2680853	2652980	2667756	0.53	cps
Uranium	238-1	10594284	10662062	10753576	10669974	0.75	cps
Vanadium	51-2	861508	866392	865118	864339	0.29	cps
Yttrium	89-1	7604169	7569898	7660588	7611552	0.60	cps
Yttrium	89-2	1091229	1101107	1091520	1094619	0.51	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:33:15	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	332049	332891	333721	332887	0.25	cps
Zirconium	90-1	5987222	5984976	5982718	5984972	0.04	cps
Zirconium	91-1	1325013	1331321	1325169	1327168	0.27	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 16:37:01 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1630903	1643633	1645455	1639997	0.48	cps
Antimony	121-1	6121650	6101616	6161739	6128335	0.50	cps
Arsenic	75-2	213678	217714	217353	216249	1.03	cps
Barium	135-1	8070873	8048998	8243588	8121153	1.31	cps
Barium	137-1	14015618	13833647	14091671	13980312	0.95	cps
Beryllium	9-1	1994282	2007253	1997395	1999643	0.34	cps
Bismuth	209-1	4026294	4052618	4024960	4034624	0.39	cps
Bismuth	209-2	2409230	2406562	2411361	2409051	0.10	cps
Boron	10-1	331835	335670	334202	333903	0.58	cps
Boron	11-1	1482147	1504507	1507011	1497889	0.91	cps
Cadmium	111-1	1723750	1724172	1735254	1727725	0.38	cps
Cadmium	106-1	202671	206409	204574	204551	0.91	cps
Cadmium	108-1	134758	136654	136988	136133	0.88	cps
Calcium	43-1	2475082	2472826	2480775	2476228	0.17	cps
Calcium	44-1	39709856	39522120	39869723	39700566	0.44	cps
Chromium	52-2	2069231	2091272	2078499	2079667	0.53	cps
Cobalt	59-2	3065250	3097694	3060313	3074419	0.66	cps
Copper	63-2	4086332	4102926	4075032	4088096	0.34	cps
Dysprosium	156-1	92	117	183	131	36.30	cps
Dysprosium	156-2	203	227	217	216	5.43	cps
Erbium	164-1	108	58	17	61	75.10	cps
Erbium	164-2	23	50	33	36	37.90	cps
Gadolinium	160-1	92	75	67	78	16.37	cps
Gadolinium	160-2	167	190	193	183	7.93	cps
Holmium	165-1	7129650	7155824	7223392	7169622	0.67	cps
Holmium	165-2	3559711	3567002	3553643	3560119	0.19	cps
Indium	115-1	5488159	5537669	5483975	5503268	0.54	cps
Indium	115-2	1121627	1115943	1124630	1120733	0.39	cps
Iron	56-2	83173513	83680641	83600880	83485011	0.33	cps
Iron	57-2	2178400	2183485	2170201	2177362	0.31	cps
Krypton	83-1	583	513	487	528	9.46	cps
Lead	206-1	4678989	4650187	4651567	4660248	0.35	cps
Lead	207-1	3979282	3968186	4005938	3984469	0.49	cps
Lead	208-1	18851637	18750515	18859753	18820635	0.32	cps
Lithium	6-1	2505594	2526018	2499148	2510253	0.56	cps
Magnesium	24-2	18087362	18125393	17989545	18067433	0.39	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 16:37:01 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2507001	2540304	2546624	2531310	0.84	cps
Molybdenum	94-1	14512035	14695080	14670545	14625886	0.68	cps
Molybdenum	95-1	17728453	18016764	17851028	17865415	0.81	cps
Molybdenum	96-1	19804500	20062415	19921103	19929339	0.65	cps
Molybdenum	97-1	11252322	11195262	11250416	11232667	0.29	cps
Molybdenum	98-1	28401820	28415312	28538388	28451840	0.26	cps
Neodymium	150-1	667	660	653	660	1.01	cps
Neodymium	150-2	73	60	70	68	10.24	cps
Nickel	60-2	782753	793850	791287	789297	0.74	cps
Phosphorus	31-2	30248	30666	31601	30838	2.25	cps
Potassium	39-2	8438109	8467897	8431341	8445782	0.23	cps
Rhodium	103-1	4766414	4801378	4837844	4801879	0.74	cps
Rhodium	103-2	2366959	2373856	2367251	2369355	0.16	cps
Scandium	45-1	4414745	4431265	4425486	4423832	0.19	cps
Scandium	45-2	196498	200882	199206	198862	1.11	cps
Selenium	77-2	6708	6482	6458	6549	2.11	cps
Selenium	78-2	22267	21948	21620	21945	1.47	cps
Selenium	82-1	143610	143340	142960	143303	0.23	cps
Silicon	28-1	6616560	6656407	6679248	6650739	0.48	cps
Silver	109-1	7502730	7467442	7581248	7517140	0.77	cps
Silver	107-1	7847626	7959235	7918811	7908557	0.71	cps
Sodium	23-2	36356313	36215332	36078753	36216799	0.38	cps
Strontium	86-1	2232670	2244495	2227080	2234748	0.40	cps
Strontium	88-1	19547873	19700985	19529503	19592787	0.48	cps
Sulfur	34-1	571395	567963	568725	569361	0.32	cps
Terbium	159-1	7337098	7318073	7395980	7350384	0.55	cps
Terbium	159-2	3478375	3523269	3531886	3511177	0.82	cps
Thallium	203-1	5711840	5648464	5716051	5692118	0.67	cps
Thallium	205-1	13596577	13358395	13557727	13504233	0.95	cps
Thorium	232-1	6023371	6044373	6035092	6034279	0.17	cps
Tin	118-1	5455904	5428946	5413554	5432801	0.39	cps
Titanium	47-1	5436892	5449844	5436374	5441037	0.14	cps
Uranium	238-1	21805674	21899476	21921323	21875491	0.28	cps
Vanadium	51-2	1752818	1762579	1764835	1760077	0.36	cps
Yttrium	89-1	7441592	7519829	7517136	7492852	0.59	cps
Yttrium	89-2	1085042	1083073	1078211	1082109	0.32	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:37:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	678089	684844	678336	680423	0.56	cps
Zirconium	90-1	12164901	12167197	12196281	12176126	0.14	cps
Zirconium	91-1	2675704	2673379	2675653	2674912	0.05	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:40:46	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8374845	8359458	8557088	8430464	1.30	cps
Antimony	121-1	6443	6493	6877	6605	3.59	cps
Arsenic	75-2	150	154	117	140	14.56	cps
Barium	135-1	2750	2717	2625	2698	2.40	cps
Barium	137-1	4709	4568	4951	4743	4.09	cps
Beryllium	9-1	544	778	761	694	18.74	cps
Bismuth	209-1	3476996	3493400	3484335	3484910	0.24	cps
Bismuth	209-2	2091400	2041389	2046578	2059789	1.34	cps
Boron	10-1	5034	4993	4459	4829	6.64	cps
Boron	11-1	23811	22100	20490	22134	7.50	cps
Cadmium	111-1	2763	2292	2628	2561	9.49	cps
Cadmium	106-1	3150	2500	2909	2853	11.52	cps
Cadmium	108-1	54	54	83	64	26.36	cps
Calcium	43-1	12357844	12369540	12345036	12357473	0.10	cps
Calcium	44-1	196625888	197170888	195990713	196595829	0.30	cps
Chromium	52-2	59155	59332	59228	59238	0.15	cps
Cobalt	59-2	6915	6872	6958	6915	0.63	cps
Copper	63-2	7595	7702	7699	7665	0.79	cps
Dysprosium	156-1	58	33	8	33	75.02	cps
Dysprosium	156-2	40	30	17	29	40.51	cps
Erbium	164-1	67	50	83	67	25.00	cps
Erbium	164-2	40	20	70	43	58.08	cps
Gadolinium	160-1	67	108	67	81	29.86	cps
Gadolinium	160-2	133	140	193	156	21.14	cps
Holmium	165-1	6712844	6693053	6666438	6690778	0.35	cps
Holmium	165-2	3399149	3286119	3282631	3322633	2.00	cps
Indium	115-1	5150996	5148174	5167915	5155695	0.21	cps
Indium	115-2	1089923	1066413	1069387	1075241	1.19	cps
Iron	56-2	411888987	411499754	415431532	412940091	0.52	cps
Iron	57-2	10709377	10650773	10793075	10717741	0.67	cps
Krypton	83-1	500	460	463	474	4.68	cps
Lead	206-1	16260	15693	15888	15947	1.81	cps
Lead	207-1	14453	14113	14158	14241	1.29	cps
Lead	208-1	64679	64307	64290	64426	0.34	cps
Lithium	6-1	2417873	2420900	2434752	2424508	0.37	cps
Magnesium	24-2	89015056	89020221	90808192	89614490	1.15	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:40:46	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10087	10007	10517	10204	2.69	cps
Molybdenum	94-1	13248	12656	13707	13204	3.99	cps
Molybdenum	95-1	19339	19464	19572	19458	0.60	cps
Molybdenum	96-1	28555	28271	28003	28276	0.97	cps
Molybdenum	97-1	12239	12339	12531	12370	1.20	cps
Molybdenum	98-1	30634	30024	30124	30261	1.08	cps
Neodymium	150-1	53	80	47	60	29.39	cps
Neodymium	150-2	33	33	40	36	10.83	cps
Nickel	60-2	15388	15842	15972	15734	1.95	cps
Phosphorus	31-2	183	150	183	172	11.17	cps
Potassium	39-2	43655172	43531380	44311679	43832744	0.96	cps
Rhodium	103-1	4427789	4359783	4427907	4405160	0.89	cps
Rhodium	103-2	2155917	2107332	2116440	2126563	1.21	cps
Scandium	45-1	4400242	4378199	4395701	4391381	0.27	cps
Scandium	45-2	205914	199390	202923	202742	1.61	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	56	50	56	54	5.98	cps
Selenium	82-1	189	207	240	212	12.34	cps
Silicon	28-1	310291	313736	312053	312027	0.55	cps
Silver	109-1	2350	2167	2259	2259	4.06	cps
Silver	107-1	2500	2134	2400	2345	8.09	cps
Sodium	23-2	178359216	178823992	182463275	179882161	1.25	cps
Strontium	86-1	10479	10271	10980	10577	3.44	cps
Strontium	88-1	84801	84281	84424	84502	0.32	cps
Sulfur	34-1	276012	276937	280596	277849	0.87	cps
Terbium	159-1	6837859	6863817	6827284	6842987	0.27	cps
Terbium	159-2	3293758	3250223	3238918	3260966	0.89	cps
Thallium	203-1	2175	2309	2334	2273	3.75	cps
Thallium	205-1	4959	4793	4618	4790	3.57	cps
Thorium	232-1	3506	3356	3740	3534	5.47	cps
Tin	118-1	5110	4759	5326	5065	5.65	cps
Titanium	47-1	2092	1992	1992	2025	2.85	cps
Uranium	238-1	6877	7327	6952	7052	3.42	cps
Vanadium	51-2	1020	1043	1050	1038	1.52	cps
Yttrium	89-1	7367855	7308397	7340075	7338776	0.41	cps
Yttrium	89-2	1098552	1074163	1077859	1083525	1.21	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 16:40:46	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8649	8376	8883	8636	2.94	cps
Zirconium	90-1	5393	5034	5668	5365	5.92	cps
Zirconium	91-1	992	1258	1325	1192	14.80	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 17:23:05 DataFile Name : 010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47568	46732	47744	47348	1.14	cps
Antimony	121-1	1258443	1257418	1247653	1254505	0.47	cps
Arsenic	75-2	52026	51621	51669	51772	0.43	cps
Barium	135-1	167491	166269	170131	167964	1.18	cps
Barium	137-1	287812	284468	288714	286998	0.78	cps
Beryllium	9-1	242643	243699	240080	242140	0.77	cps
Bismuth	209-1	4318946	4214860	4287155	4273653	1.25	cps
Bismuth	209-2	2636401	2683875	2693476	2671251	1.14	cps
Boron	10-1	958	1200	1108	1089	11.20	cps
Boron	11-1	4984	4818	4993	4932	2.00	cps
Cadmium	111-1	189310	187372	186146	187609	0.85	cps
Cadmium	106-1	19439	20516	19573	19842	2.96	cps
Cadmium	108-1	12110	12406	12681	12399	2.30	cps
Calcium	43-1	61629	60918	58484	60344	2.73	cps
Calcium	44-1	961495	951726	950021	954414	0.65	cps
Chromium	52-2	243338	245608	248405	245784	1.03	cps
Cobalt	59-2	381762	378193	384201	381385	0.79	cps
Copper	63-2	254442	253438	254129	254003	0.20	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	158	100	50	103	52.76	cps
Erbium	164-2	77	47	50	58	28.46	cps
Gadolinium	160-1	67	67	50	61	15.75	cps
Gadolinium	160-2	183	193	230	202	12.15	cps
Holmium	165-1	7501422	7364947	7405180	7423850	0.94	cps
Holmium	165-2	3709461	3751646	3754150	3738419	0.67	cps
Indium	115-1	6346693	6297626	6299305	6314541	0.44	cps
Indium	115-2	1309914	1316201	1325782	1317299	0.61	cps
Iron	56-2	2067694	2065567	2079400	2070887	0.36	cps
Iron	57-2	52583	52377	53849	52936	1.51	cps
Krypton	83-1	517	543	643	568	11.76	cps
Lead	206-1	953980	937800	934356	942045	1.11	cps
Lead	207-1	841403	825548	823138	830029	1.20	cps
Lead	208-1	3800077	3746371	3744566	3763671	0.84	cps
Lithium	6-1	3183285	3147146	3133710	3154714	0.81	cps
Magnesium	24-2	268126	265579	267147	266951	0.48	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:23:05	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	149577	150584	149891	150018	0.34	cps
Molybdenum	94-1	475	658	608	581	16.33	cps
Molybdenum	95-1	433	442	458	444	2.86	cps
Molybdenum	96-1	675	708	642	675	4.94	cps
Molybdenum	97-1	200	275	283	253	18.16	cps
Molybdenum	98-1	717	717	1000	811	20.17	cps
Neodymium	150-1	20	13	40	24	56.78	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	97612	98388	98448	98149	0.47	cps
Phosphorus	31-2	142	175	150	156	11.15	cps
Potassium	39-2	434950	436595	437144	436230	0.26	cps
Rhodium	103-1	5833023	5787344	5722911	5781092	0.96	cps
Rhodium	103-2	2797926	2803775	2831169	2810957	0.63	cps
Scandium	45-1	5493639	5457970	5422675	5458095	0.65	cps
Scandium	45-2	242965	244127	245442	244178	0.51	cps
Selenium	77-2	1580	1703	1657	1647	3.78	cps
Selenium	78-2	5297	5490	5353	5380	1.84	cps
Selenium	82-1	34308	34357	33359	34008	1.65	cps
Silicon	28-1	201735	199656	198601	199997	0.80	cps
Silver	109-1	823605	817658	823147	821470	0.40	cps
Silver	107-1	868207	854757	859777	860914	0.79	cps
Sodium	23-2	858919	857264	873930	863371	1.06	cps
Strontium	86-1	6318	6744	6443	6502	3.36	cps
Strontium	88-1	51184	51878	50599	51220	1.25	cps
Sulfur	34-1	383302	381041	384431	382925	0.45	cps
Terbium	159-1	7663507	7642170	7642990	7649556	0.16	cps
Terbium	159-2	3695083	3724362	3714562	3711336	0.40	cps
Thallium	203-1	1275455	1237876	1256455	1256595	1.50	cps
Thallium	205-1	2943934	2858185	2890799	2897639	1.49	cps
Thorium	232-1	1445	1489	1572	1502	4.32	cps
Tin	118-1	725	742	750	739	1.72	cps
Titanium	47-1	417	367	358	381	8.29	cps
Uranium	238-1	1842	1825	1992	1886	4.87	cps
Vanadium	51-2	208413	207436	207325	207725	0.29	cps
Yttrium	89-1	8660477	8554624	8504645	8573249	0.93	cps
Yttrium	89-2	1249708	1249115	1259451	1252758	0.46	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:23:05	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	82398	82840	83574	82937	0.72	cps
Zirconium	90-1	592	783	792	722	15.67	cps
Zirconium	91-1	308	450	458	406	20.79	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:28:13	DataFile Name :	011LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1942	2067	2150	2053	5.11	cps
Antimony	121-1	14500	13716	14116	14110	2.78	cps
Arsenic	75-2	257	267	265	263	1.86	cps
Barium	135-1	17286	17345	18696	17776	4.49	cps
Barium	137-1	30877	28906	28305	29363	4.58	cps
Beryllium	9-1	2450	2567	2617	2545	3.36	cps
Bismuth	209-1	4326101	4343975	4288411	4319496	0.66	cps
Bismuth	209-2	2717668	2724524	2724372	2722188	0.14	cps
Boron	10-1	10788	10379	11154	10774	3.60	cps
Boron	11-1	48144	47902	49306	48451	1.55	cps
Cadmium	111-1	4582	3906	4020	4169	8.68	cps
Cadmium	106-1	3817	3209	3192	3406	10.46	cps
Cadmium	108-1	183	171	158	171	7.32	cps
Calcium	43-1	15801	15142	15250	15397	2.30	cps
Calcium	44-1	251049	247041	246914	248335	0.95	cps
Chromium	52-2	6081	6265	6091	6146	1.68	cps
Cobalt	59-2	4017	3944	4061	4007	1.47	cps
Copper	63-2	5368	5761	5768	5632	4.07	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	3	17	7	9	78.08	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	53	20	33	36	47.19	cps
Gadolinium	160-1	75	67	75	72	6.66	cps
Gadolinium	160-2	203	160	217	193	15.33	cps
Holmium	165-1	7582842	7429065	7434716	7482208	1.17	cps
Holmium	165-2	3798333	3804897	3794218	3799150	0.14	cps
Indium	115-1	6529153	6348845	6393843	6423947	1.46	cps
Indium	115-2	1336358	1344741	1367185	1349428	1.18	cps
Iron	56-2	123710	123297	122333	123113	0.57	cps
Iron	57-2	3362	3289	3306	3319	1.14	cps
Krypton	83-1	513	590	580	561	7.43	cps
Lead	206-1	5935	5201	5273	5470	7.39	cps
Lead	207-1	5023	4757	4612	4797	4.35	cps
Lead	208-1	22725	21013	21230	21656	4.30	cps
Lithium	6-1	3220157	3148523	3179638	3182773	1.13	cps
Magnesium	24-2	119011	118493	119994	119166	0.64	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:28:13	DataFile Name :	011LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1727	1833	1877	1812	4.26	cps
Molybdenum	94-1	16502	15617	15768	15962	2.96	cps
Molybdenum	95-1	20240	19940	20207	20129	0.82	cps
Molybdenum	96-1	23495	21767	22059	22441	4.12	cps
Molybdenum	97-1	12606	12164	12764	12512	2.49	cps
Molybdenum	98-1	32305	30333	31185	31274	3.16	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	1017	953	1007	992	3.43	cps
Phosphorus	31-2	567	383	492	481	19.18	cps
Potassium	39-2	127998	127122	130141	128420	1.21	cps
Rhodium	103-1	5880852	5765181	5781230	5809088	1.08	cps
Rhodium	103-2	2844878	2883234	2905430	2877847	1.06	cps
Scandium	45-1	5526417	5443757	5472133	5480769	0.77	cps
Scandium	45-2	248455	248577	247374	248135	0.27	cps
Selenium	77-2	53	57	47	52	9.75	cps
Selenium	78-2	202	193	213	202	5.04	cps
Selenium	82-1	1030	900	921	950	7.33	cps
Silicon	28-1	246584	247058	247388	247010	0.16	cps
Silver	109-1	9520	9437	9579	9512	0.75	cps
Silver	107-1	10221	9712	9770	9901	2.81	cps
Sodium	23-2	237937	233296	237687	236307	1.10	cps
Strontium	86-1	3634	3284	3392	3437	5.22	cps
Strontium	88-1	22335	22410	22602	22449	0.61	cps
Sulfur	34-1	390629	388474	388117	389073	0.35	cps
Terbium	159-1	7854225	7608134	7674655	7712338	1.65	cps
Terbium	159-2	3743581	3801091	3816077	3786916	1.01	cps
Thallium	203-1	6344	6210	6293	6282	1.07	cps
Thallium	205-1	16035	14425	15468	15309	5.34	cps
Thorium	232-1	21396	20884	20800	21027	1.53	cps
Tin	118-1	30726	29966	30116	30270	1.33	cps
Titanium	47-1	7235	7302	7135	7224	1.16	cps
Uranium	238-1	23372	22587	22136	22698	2.75	cps
Vanadium	51-2	11678	11508	11621	11603	0.75	cps
Yttrium	89-1	8685435	8531006	8616649	8611030	0.90	cps
Yttrium	89-2	1260815	1282836	1286103	1276585	1.08	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:28:13	DataFile Name :	011LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4111	4297	4174	4194	2.26	cps
Zirconium	90-1	13490	12214	12197	12634	5.87	cps
Zirconium	91-1	2884	2900	2859	2881	0.73	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 17:31:48 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	50	44	21.66	cps
Antimony	121-1	200	283	225	236	18.11	cps
Arsenic	75-2	6	6	6	6	0.00	cps
Barium	135-1	25	17	17	19	24.73	cps
Barium	137-1	75	33	42	50	44.10	cps
Beryllium	9-1	72	83	67	74	11.46	cps
Bismuth	209-1	4452091	4313135	4360782	4375336	1.61	cps
Bismuth	209-2	2746664	2741687	2771888	2753413	0.59	cps
Boron	10-1	1183	842	975	1000	17.22	cps
Boron	11-1	4818	4192	4601	4537	7.00	cps
Cadmium	111-1	2206	2030	2118	2118	4.16	cps
Cadmium	106-1	3142	2892	3009	3014	4.15	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	150	217	117	161	31.61	cps
Calcium	44-1	6368	6277	5993	6213	3.15	cps
Chromium	52-2	917	813	830	853	6.50	cps
Cobalt	59-2	33	50	47	43	20.36	cps
Copper	63-2	327	387	303	339	12.69	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	20	20	7	16	49.47	cps
Erbium	164-1	42	67	67	58	24.74	cps
Erbium	164-2	67	23	43	44	48.81	cps
Gadolinium	160-1	58	125	75	86	40.29	cps
Gadolinium	160-2	183	187	263	211	21.44	cps
Holmium	165-1	7419838	7322641	7410018	7384166	0.72	cps
Holmium	165-2	3835227	3810790	3830345	3825454	0.34	cps
Indium	115-1	6364933	6305272	6366160	6345455	0.55	cps
Indium	115-2	1350333	1360487	1369001	1359940	0.69	cps
Iron	56-2	4495	4312	4312	4373	2.42	cps
Iron	57-2	311	317	289	306	4.81	cps
Krypton	83-1	567	567	537	557	3.11	cps
Lead	206-1	578	583	522	561	6.02	cps
Lead	207-1	639	589	583	604	5.07	cps
Lead	208-1	2128	2211	2078	2139	3.15	cps
Lithium	6-1	3198286	3152511	3162263	3171020	0.76	cps
Magnesium	24-2	392	433	592	472	22.34	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 17:31:48 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	27	40	36	21.64	cps
Molybdenum	94-1	133	367	208	236	50.45	cps
Molybdenum	95-1	100	125	133	119	14.53	cps
Molybdenum	96-1	158	150	225	178	23.12	cps
Molybdenum	97-1	125	117	25	89	62.42	cps
Molybdenum	98-1	267	117	217	200	38.19	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	17	23	17	19	20.36	cps
Phosphorus	31-2	92	100	92	94	5.09	cps
Potassium	39-2	19897	21016	20323	20412	2.77	cps
Rhodium	103-1	5802426	5749511	5791079	5781005	0.48	cps
Rhodium	103-2	2897938	2917316	2916408	2910554	0.38	cps
Scandium	45-1	5435513	5489113	5461984	5462203	0.49	cps
Scandium	45-2	250682	253943	252986	252537	0.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	43	48	49	13.34	cps
Selenium	82-1	46	9	34	29	64.44	cps
Silicon	28-1	202252	203076	199707	201678	0.87	cps
Silver	109-1	75	67	67	69	6.93	cps
Silver	107-1	108	108	117	111	4.33	cps
Sodium	23-2	8678	8511	7877	8355	5.05	cps
Strontium	86-1	892	917	933	914	2.29	cps
Strontium	88-1	108	75	158	114	36.83	cps
Sulfur	34-1	390116	393287	390123	391175	0.47	cps
Terbium	159-1	7693917	7616892	7597781	7636196	0.67	cps
Terbium	159-2	3813931	3771002	3805831	3796921	0.60	cps
Thallium	203-1	375	392	442	403	8.61	cps
Thallium	205-1	575	700	725	667	12.06	cps
Thorium	232-1	1367	1317	1361	1348	2.03	cps
Tin	118-1	408	333	417	386	11.89	cps
Titanium	47-1	100	100	75	92	15.75	cps
Uranium	238-1	1525	1375	1617	1506	8.10	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Yttrium	89-1	8631516	8569588	8585214	8595440	0.37	cps
Yttrium	89-2	1284620	1294273	1300742	1293212	0.63	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:31:48	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1340	1463	1237	1347	8.43	cps
Zirconium	90-1	508	558	617	561	9.66	cps
Zirconium	91-1	108	108	42	86	44.70	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 17:35:23 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8320422	8362898	8455637	8379652	0.83	cps
Antimony	121-1	7653	8036	8470	8053	5.08	cps
Arsenic	75-2	72	78	91	80	11.84	cps
Barium	135-1	2534	2384	2200	2373	7.04	cps
Barium	137-1	4443	4259	4226	4309	2.71	cps
Beryllium	9-1	694	583	839	706	18.16	cps
Bismuth	209-1	4157763	4239066	4243046	4213291	1.14	cps
Bismuth	209-2	2524067	2544973	2586115	2551718	1.24	cps
Boron	10-1	1117	1033	1058	1070	4.00	cps
Boron	11-1	4543	4826	4551	4640	3.48	cps
Cadmium	111-1	3013	3086	2690	2930	7.20	cps
Cadmium	106-1	2792	3092	2800	2895	5.90	cps
Cadmium	108-1	1821	2100	2154	2025	8.83	cps
Calcium	43-1	2671069	2706870	2719763	2699234	0.93	cps
Calcium	44-1	42952875	43476942	44066612	43498810	1.28	cps
Chromium	52-2	47694	47035	49486	48072	2.64	cps
Cobalt	59-2	4621	4581	4384	4529	2.80	cps
Copper	63-2	20194	19917	19753	19955	1.12	cps
Dysprosium	156-1	33	42	67	47	36.74	cps
Dysprosium	156-2	13	27	30	23	37.81	cps
Erbium	164-1	92	100	42	78	40.56	cps
Erbium	164-2	57	43	47	49	14.20	cps
Gadolinium	160-1	83	100	50	78	32.74	cps
Gadolinium	160-2	227	223	247	232	5.43	cps
Holmium	165-1	7616393	7579432	7618509	7604778	0.29	cps
Holmium	165-2	3810119	3847283	3867202	3841535	0.75	cps
Indium	115-1	5959213	6063029	6104031	6042091	1.24	cps
Indium	115-2	1259280	1258535	1276887	1264901	0.82	cps
Iron	56-2	183624260	183364582	186638576	184542473	0.99	cps
Iron	57-2	4666930	4672663	4749260	4696285	0.98	cps
Krypton	83-1	627	620	520	589	10.15	cps
Lead	206-1	23132	22508	23544	23061	2.26	cps
Lead	207-1	18441	17762	18641	18281	2.52	cps
Lead	208-1	86672	84980	88951	86868	2.29	cps
Lithium	6-1	2907147	2908720	2935043	2916970	0.54	cps
Magnesium	24-2	20304615	20414150	20531046	20416603	0.55	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:35:23	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11551	11688	11655	11631	0.61	cps
Molybdenum	94-1	3898235	3966790	4011327	3958784	1.44	cps
Molybdenum	95-1	7019224	7098672	7121481	7079792	0.76	cps
Molybdenum	96-1	7436338	7613391	7622761	7557497	1.39	cps
Molybdenum	97-1	4241361	4308923	4317862	4289382	0.98	cps
Molybdenum	98-1	11151555	11274792	11466679	11297675	1.41	cps
Neodymium	150-1	13	73	27	38	83.40	cps
Neodymium	150-2	20	17	7	14	48.02	cps
Nickel	60-2	4554	5004	4808	4789	4.71	cps
Phosphorus	31-2	512818	515479	524774	517690	1.21	cps
Potassium	39-2	19252789	19333843	19477293	19354642	0.59	cps
Rhodium	103-1	5197984	5236079	5329873	5254645	1.29	cps
Rhodium	103-2	2627029	2626671	2648016	2633906	0.46	cps
Scandium	45-1	5072515	5111406	5209861	5131261	1.38	cps
Scandium	45-2	233868	233416	237822	235035	1.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	28	44	45	39.06	cps
Selenium	82-1	-34	-48	94	4	2114.62	cps
Silicon	28-1	311098	313201	314285	312861	0.52	cps
Silver	109-1	1283	1358	1200	1281	6.18	cps
Silver	107-1	1308	1292	1558	1386	10.78	cps
Sodium	23-2	40284952	40319299	40833551	40479267	0.76	cps
Strontium	86-1	84901	85797	86946	85882	1.19	cps
Strontium	88-1	720550	730419	745947	732306	1.75	cps
Sulfur	34-1	5127924	5199394	5270316	5199211	1.37	cps
Terbium	159-1	7619239	7814345	7888832	7774139	1.79	cps
Terbium	159-2	3758284	3801744	3816408	3792146	0.80	cps
Thallium	203-1	2492	2775	2142	2470	12.85	cps
Thallium	205-1	5793	5335	5093	5407	6.58	cps
Thorium	232-1	1478	1483	1633	1532	5.76	cps
Tin	118-1	1392	1292	1242	1308	5.84	cps
Titanium	47-1	2403309	2414090	2452704	2423367	1.07	cps
Uranium	238-1	1975	1909	2092	1992	4.66	cps
Vanadium	51-2	343	403	397	381	8.63	cps
Yttrium	89-1	8174677	8324949	8500053	8333227	1.95	cps
Yttrium	89-2	1231539	1233832	1250721	1238697	0.85	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:35:23	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5935	5825	5815	5858	1.14	cps
Zirconium	90-1	1008	1158	1308	1158	12.95	cps
Zirconium	91-1	200	242	233	225	9.80	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:42:07	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8653725	8612918	8682876	8649840	0.41	cps
Antimony	121-1	137006	139571	139338	138638	1.02	cps
Arsenic	75-2	5027	4993	5201	5074	2.20	cps
Barium	135-1	37995	37351	37267	37538	1.06	cps
Barium	137-1	63286	63939	64383	63870	0.86	cps
Beryllium	9-1	45831	45218	45786	45612	0.75	cps
Bismuth	209-1	4273019	4277067	4230502	4260196	0.61	cps
Bismuth	209-2	2552123	2546334	2576945	2558467	0.64	cps
Boron	10-1	24479	24346	25047	24624	1.51	cps
Boron	11-1	113634	116028	112971	114211	1.41	cps
Cadmium	111-1	40208	40396	41269	40624	1.39	cps
Cadmium	106-1	8545	8628	9228	8800	4.24	cps
Cadmium	108-1	5339	5476	5372	5396	1.33	cps
Calcium	43-1	2809451	2827195	2830479	2822375	0.40	cps
Calcium	44-1	45189098	45913133	45703566	45601932	0.82	cps
Chromium	52-2	97949	97821	98406	98059	0.31	cps
Cobalt	59-2	77527	78505	78884	78305	0.89	cps
Copper	63-2	67090	66909	68433	67477	1.23	cps
Dysprosium	156-1	58	25	17	33	66.14	cps
Dysprosium	156-2	37	30	13	27	45.08	cps
Erbium	164-1	100	42	58	67	45.06	cps
Erbium	164-2	43	67	50	53	22.54	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	220	187	177	194	11.67	cps
Holmium	165-1	7709924	7798735	7776544	7761734	0.60	cps
Holmium	165-2	3833797	3814316	3868550	3838887	0.72	cps
Indium	115-1	6193089	6277430	6193736	6221418	0.78	cps
Indium	115-2	1265211	1275836	1292012	1277686	1.06	cps
Iron	56-2	188558760	187869160	189133193	188520371	0.34	cps
Iron	57-2	4910400	4778666	4958327	4882464	1.91	cps
Krypton	83-1	590	497	637	574	12.41	cps
Lead	206-1	123320	121602	123221	122714	0.79	cps
Lead	207-1	103681	102728	103215	103208	0.46	cps
Lead	208-1	476873	477876	476926	477225	0.12	cps
Lithium	6-1	3036803	3020445	3016876	3024708	0.35	cps
Magnesium	24-2	21072723	20980161	21307537	21120141	0.80	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:42:07	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	41114	41515	41843	41491	0.88	cps
Molybdenum	94-1	4491852	4478766	4460759	4477126	0.35	cps
Molybdenum	95-1	7550809	7529617	7501934	7527453	0.33	cps
Molybdenum	96-1	8081479	8153802	8146340	8127207	0.49	cps
Molybdenum	97-1	4551843	4561049	4583620	4565504	0.36	cps
Molybdenum	98-1	11991456	12093328	12202898	12095894	0.87	cps
Neodymium	150-1	40	53	40	44	17.33	cps
Neodymium	150-2	13	17	17	16	12.40	cps
Nickel	60-2	22971	23255	23569	23265	1.28	cps
Phosphorus	31-2	535507	526567	539441	533838	1.24	cps
Potassium	39-2	20089547	19752736	20238280	20026854	1.24	cps
Rhodium	103-1	5372962	5395754	5485682	5418133	1.10	cps
Rhodium	103-2	2657874	2706584	2681337	2681932	0.91	cps
Scandium	45-1	5311299	5379848	5355602	5348917	0.65	cps
Scandium	45-2	241950	241350	246215	243172	1.09	cps
Selenium	77-2	143	143	110	132	14.56	cps
Selenium	78-2	483	524	494	501	4.21	cps
Selenium	82-1	3246	3308	3201	3252	1.65	cps
Silicon	28-1	685770	693053	704473	694432	1.36	cps
Silver	109-1	155423	155691	156676	155930	0.42	cps
Silver	107-1	163146	165893	166167	165069	1.01	cps
Sodium	23-2	42070886	41612191	42299798	41994292	0.83	cps
Strontium	86-1	238915	236476	235665	237019	0.71	cps
Strontium	88-1	2021687	2028136	2014639	2021487	0.33	cps
Sulfur	34-1	5397092	5402986	5432512	5410863	0.35	cps
Terbium	159-1	7888889	7997288	7881640	7922606	0.82	cps
Terbium	159-2	3785605	3787159	3830773	3801179	0.67	cps
Thallium	203-1	120672	122499	119781	120984	1.15	cps
Thallium	205-1	286312	288023	282660	285665	0.96	cps
Thorium	232-1	7536	7669	7958	7721	2.80	cps
Tin	118-1	336700	337385	340398	338161	0.58	cps
Titanium	47-1	2578916	2603161	2604878	2595652	0.56	cps
Uranium	238-1	1310298	1308330	1309315	1309314	0.08	cps
Vanadium	51-2	41050	41361	41996	41469	1.16	cps
Yttrium	89-1	8594751	8635024	8660616	8630130	0.38	cps
Yttrium	89-2	1250218	1255501	1265037	1256919	0.60	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 17:42:07	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12726	12846	12986	12852	1.01	cps
Zirconium	90-1	785025	795968	789370	790121	0.70	cps
Zirconium	91-1	176391	179749	178265	178135	0.94	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:10:05	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4871937	4922528	5110523	4968329	2.53	cps
Antimony	121-1	2988768	2978946	3000394	2989369	0.36	cps
Arsenic	75-2	113815	113826	118724	115455	2.45	cps
Barium	135-1	3980303	4003744	4008497	3997515	0.38	cps
Barium	137-1	6990016	7013136	7026276	7009809	0.26	cps
Beryllium	9-1	1123123	1106668	1116874	1115555	0.74	cps
Bismuth	209-1	3943533	3933630	3958139	3945100	0.31	cps
Bismuth	209-2	2360462	2373991	2468193	2400882	2.44	cps
Boron	10-1	186573	189712	189543	188609	0.94	cps
Boron	11-1	854836	858319	871230	861462	1.00	cps
Cadmium	111-1	910744	909149	904076	907990	0.38	cps
Cadmium	106-1	107825	108355	108110	108097	0.25	cps
Cadmium	108-1	70809	70810	72664	71428	1.50	cps
Calcium	43-1	6866228	6864713	6833870	6854937	0.27	cps
Calcium	44-1	109378852	109694069	110102098	109725007	0.33	cps
Chromium	52-2	1199019	1212260	1251269	1220849	2.22	cps
Cobalt	59-2	1695079	1711931	1766711	1724574	2.17	cps
Copper	63-2	2384047	2473118	2475427	2444197	2.13	cps
Dysprosium	156-1	100	125	100	108	13.32	cps
Dysprosium	156-2	143	147	133	141	4.92	cps
Erbium	164-1	50	42	92	61	43.83	cps
Erbium	164-2	33	60	13	36	65.86	cps
Gadolinium	160-1	108	83	58	83	30.00	cps
Gadolinium	160-2	180	170	230	193	16.63	cps
Holmium	165-1	7439965	7341471	7346337	7375924	0.75	cps
Holmium	165-2	3629303	3679515	3849241	3719353	3.10	cps
Indium	115-1	5763082	5718783	5823324	5768397	0.91	cps
Indium	115-2	1186854	1193485	1254099	1211479	3.06	cps
Iron	56-2	226884038	225976133	234201433	229020535	1.97	cps
Iron	57-2	5889259	5927006	6097905	5971390	1.86	cps
Krypton	83-1	520	663	647	610	12.85	cps
Lead	206-1	2249278	2214829	2227977	2230695	0.78	cps
Lead	207-1	1997664	1980926	1977688	1985426	0.54	cps
Lead	208-1	9167525	9050255	9096458	9104746	0.65	cps
Lithium	6-1	2956119	2958535	2938958	2951204	0.36	cps
Magnesium	24-2	50028110	50639157	51987429	50884899	1.97	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:10:05	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1429580	1439198	1484609	1451129	2.03	cps
Molybdenum	94-1	7660757	7678115	7721089	7686654	0.40	cps
Molybdenum	95-1	9362392	9366327	9432105	9386941	0.42	cps
Molybdenum	96-1	10436150	10405135	10486353	10442546	0.39	cps
Molybdenum	97-1	5918046	5872360	5937699	5909368	0.57	cps
Molybdenum	98-1	14955061	14933377	15053163	14980534	0.43	cps
Neodymium	150-1	367	487	360	404	17.63	cps
Neodymium	150-2	40	33	60	44	31.23	cps
Nickel	60-2	431881	455766	449590	445746	2.78	cps
Phosphorus	31-2	5501	5768	6218	5829	6.22	cps
Potassium	39-2	24504933	24414132	25357243	24758769	2.10	cps
Rhodium	103-1	4960180	4981065	5009226	4983491	0.49	cps
Rhodium	103-2	2453057	2468261	2554399	2491906	2.19	cps
Scandium	45-1	5091502	5127785	5160789	5126692	0.68	cps
Scandium	45-2	232592	232677	245643	236971	3.17	cps
Selenium	77-2	3707	3611	3694	3671	1.43	cps
Selenium	78-2	12326	12153	12796	12425	2.68	cps
Selenium	82-1	79040	78785	79075	78966	0.20	cps
Silicon	28-1	4648085	4704705	4771002	4707931	1.31	cps
Silver	109-1	3773444	3778935	3777195	3776525	0.07	cps
Silver	107-1	3991531	3988843	4022543	4000972	0.47	cps
Sodium	23-2	100828881	101077865	103973146	101959964	1.71	cps
Strontium	86-1	1189925	1183813	1187261	1187000	0.26	cps
Strontium	88-1	10312832	10258728	10254962	10275507	0.32	cps
Sulfur	34-1	382417	380566	379118	380700	0.43	cps
Terbium	159-1	7551865	7514955	7528969	7531930	0.25	cps
Terbium	159-2	3610919	3610422	3783361	3668234	2.72	cps
Thallium	203-1	2760801	2711576	2706400	2726259	1.10	cps
Thallium	205-1	6554674	6517224	6477186	6516361	0.59	cps
Thorium	232-1	73757	74299	74277	74111	0.41	cps
Tin	118-1	2735841	2713286	2741663	2730263	0.55	cps
Titanium	47-1	3032669	3038111	3055138	3041973	0.39	cps
Uranium	238-1	10534129	10474985	10595117	10534744	0.57	cps
Vanadium	51-2	1005242	1015653	1042071	1020989	1.86	cps
Yttrium	89-1	8203894	8183639	8272808	8220114	0.57	cps
Yttrium	89-2	1195721	1211918	1251468	1219702	2.35	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:10:05	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	384713	425670	397814	402732	5.19	cps
Zirconium	90-1	6475255	6447139	6485110	6469168	0.30	cps
Zirconium	91-1	1433059	1441183	1438986	1437743	0.29	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:13:41	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	267	142	203	30.85	cps
Antimony	121-1	2475	3025	3059	2853	11.48	cps
Arsenic	75-2	11	19	19	16	26.66	cps
Barium	135-1	142	108	142	131	14.74	cps
Barium	137-1	275	250	233	253	8.30	cps
Beryllium	9-1	150	139	150	146	4.39	cps
Bismuth	209-1	4481263	4438901	4462905	4461023	0.48	cps
Bismuth	209-2	2832315	3053816	2870289	2918807	4.06	cps
Boron	10-1	3084	2759	2592	2811	8.90	cps
Boron	11-1	14174	12005	11905	12695	10.10	cps
Cadmium	111-1	2312	2370	2237	2306	2.88	cps
Cadmium	106-1	3200	3309	3125	3212	2.87	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	267	342	400	336	19.89	cps
Calcium	44-1	9904	9353	9437	9565	3.10	cps
Chromium	52-2	897	890	877	888	1.15	cps
Cobalt	59-2	90	83	120	98	19.97	cps
Copper	63-2	480	517	523	507	4.60	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	27	10	13	17	52.93	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	20	47	43	37	39.63	cps
Gadolinium	160-1	58	75	67	67	12.49	cps
Gadolinium	160-2	177	190	183	183	3.64	cps
Holmium	165-1	7788312	7745228	7675493	7736344	0.74	cps
Holmium	165-2	3886744	4098520	3862683	3949316	3.29	cps
Indium	115-1	6579072	6571924	6502026	6551007	0.65	cps
Indium	115-2	1349162	1489217	1412418	1416932	4.95	cps
Iron	56-2	13067	12945	12189	12734	3.74	cps
Iron	57-2	489	556	572	539	8.18	cps
Krypton	83-1	577	590	620	596	3.73	cps
Lead	206-1	750	733	778	754	2.98	cps
Lead	207-1	733	606	672	670	9.53	cps
Lead	208-1	2667	2506	2634	2602	3.27	cps
Lithium	6-1	3226396	3200991	3196880	3208089	0.50	cps
Magnesium	24-2	2192	2100	1784	2025	10.58	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P7
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 18:13:41 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	80	73	77	4.35	cps
Molybdenum	94-1	2125	1892	1817	1945	8.27	cps
Molybdenum	95-1	3034	3109	2709	2950	7.21	cps
Molybdenum	96-1	3142	3334	3092	3189	4.00	cps
Molybdenum	97-1	1934	1834	1792	1853	3.93	cps
Molybdenum	98-1	5026	4501	4334	4620	7.82	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	23	20	40	28	38.58	cps
Phosphorus	31-2	67	117	167	117	42.86	cps
Potassium	39-2	24630	25022	24162	24605	1.75	cps
Rhodium	103-1	5910061	5842238	5842945	5865081	0.66	cps
Rhodium	103-2	2877639	3165993	3020710	3021447	4.77	cps
Scandium	45-1	5549199	5412783	5446877	5469620	1.30	cps
Scandium	45-2	247796	273722	260560	260693	4.97	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	48	65	43	52	22.31	cps
Selenium	82-1	65	51	7	41	73.67	cps
Silicon	28-1	214878	210695	206321	210631	2.03	cps
Silver	109-1	608	817	742	722	14.61	cps
Silver	107-1	967	858	700	842	15.93	cps
Sodium	23-2	18454	17945	17461	17953	2.77	cps
Strontium	86-1	1125	925	958	1003	10.69	cps
Strontium	88-1	467	467	467	467	0.00	cps
Sulfur	34-1	354294	347019	347594	349635	1.16	cps
Terbium	159-1	8033741	7993784	7852732	7960086	1.19	cps
Terbium	159-2	3850822	4071018	3952448	3958096	2.78	cps
Thallium	203-1	683	750	825	753	9.42	cps
Thallium	205-1	1659	1784	1408	1617	11.81	cps
Thorium	232-1	1289	1372	1300	1320	3.43	cps
Tin	118-1	1917	1950	2142	2003	6.06	cps
Titanium	47-1	258	192	233	228	14.78	cps
Uranium	238-1	2325	2317	1967	2203	9.29	cps
Vanadium	51-2	37	43	33	38	13.48	cps
Yttrium	89-1	8777458	8744062	8689998	8737173	0.51	cps
Yttrium	89-2	1276551	1404660	1329830	1337014	4.81	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:13:41	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	713	637	610	653	8.21	cps
Zirconium	90-1	817	925	992	911	9.69	cps
Zirconium	91-1	283	158	117	186	46.61	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 18:20:29 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2275	1959	2442	2225	11.04	cps
Antimony	121-1	13632	13874	14349	13952	2.62	cps
Arsenic	75-2	281	283	276	280	1.38	cps
Barium	135-1	17787	17487	17562	17612	0.89	cps
Barium	137-1	31403	30835	31102	31113	0.91	cps
Beryllium	9-1	2700	2478	2534	2571	4.50	cps
Bismuth	209-1	4409666	4350790	4493831	4418096	1.63	cps
Bismuth	209-2	2814392	2831234	2871667	2839097	1.04	cps
Boron	10-1	11121	11388	11847	11452	3.20	cps
Boron	11-1	50485	52401	52667	51851	2.30	cps
Cadmium	111-1	4212	3978	4086	4092	2.86	cps
Cadmium	106-1	3384	3100	3142	3209	4.77	cps
Cadmium	108-1	158	179	133	157	14.62	cps
Calcium	43-1	15934	16067	16151	16051	0.68	cps
Calcium	44-1	259194	255519	256873	257195	0.72	cps
Chromium	52-2	6425	6221	6328	6325	1.61	cps
Cobalt	59-2	4177	4427	4181	4262	3.37	cps
Copper	63-2	5928	5825	5975	5909	1.30	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	37	47	50	44	15.61	cps
Gadolinium	160-1	25	33	75	44	60.28	cps
Gadolinium	160-2	153	163	190	169	11.22	cps
Holmium	165-1	7617357	7613260	7852872	7694496	1.78	cps
Holmium	165-2	3936568	3968804	3983008	3962793	0.60	cps
Indium	115-1	6634494	6509772	6657582	6600616	1.20	cps
Indium	115-2	1397062	1415368	1403105	1405178	0.66	cps
Iron	56-2	127538	128361	127084	127661	0.51	cps
Iron	57-2	3239	3506	3400	3382	3.97	cps
Krypton	83-1	543	543	513	533	3.25	cps
Lead	206-1	5646	5590	5829	5688	2.20	cps
Lead	207-1	4918	4668	4879	4821	2.79	cps
Lead	208-1	22497	21986	22486	22323	1.31	cps
Lithium	6-1	3283859	3260069	3346741	3296890	1.36	cps
Magnesium	24-2	125194	124597	128648	126147	1.73	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:20:29	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1757	1793	1700	1750	2.69	cps
Molybdenum	94-1	16427	16785	16785	16666	1.24	cps
Molybdenum	95-1	20707	20941	21308	20986	1.44	cps
Molybdenum	96-1	22577	24188	23871	23545	3.62	cps
Molybdenum	97-1	13774	13023	13273	13357	2.86	cps
Molybdenum	98-1	34017	32747	34234	33666	2.39	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1057	1047	1193	1099	7.46	cps
Phosphorus	31-2	475	467	592	511	13.67	cps
Potassium	39-2	135463	136993	137886	136781	0.90	cps
Rhodium	103-1	5943560	5931124	6050680	5975121	1.10	cps
Rhodium	103-2	2990524	3027662	3023134	3013774	0.67	cps
Scandium	45-1	5621935	5526830	5691433	5613399	1.47	cps
Scandium	45-2	261667	262579	262264	262170	0.18	cps
Selenium	77-2	13	60	47	40	60.10	cps
Selenium	78-2	189	181	198	190	4.41	cps
Selenium	82-1	1049	1047	1050	1049	0.15	cps
Silicon	28-1	253194	250098	250903	251398	0.64	cps
Silver	109-1	9929	9770	10179	9959	2.07	cps
Silver	107-1	10579	10004	9846	10143	3.81	cps
Sodium	23-2	251482	253475	250645	251867	0.58	cps
Strontium	86-1	3642	3601	3826	3690	3.25	cps
Strontium	88-1	23595	23019	24196	23603	2.49	cps
Sulfur	34-1	384677	378236	377535	380149	1.04	cps
Terbium	159-1	7895821	7858198	8071440	7941820	1.43	cps
Terbium	159-2	3882775	3954524	3946337	3927878	1.00	cps
Thallium	203-1	6710	6619	6902	6744	2.15	cps
Thallium	205-1	15443	14659	15385	15162	2.88	cps
Thorium	232-1	22080	22820	22253	22384	1.73	cps
Tin	118-1	30944	30885	31929	31252	1.88	cps
Titanium	47-1	6727	6768	7102	6866	3.00	cps
Uranium	238-1	23656	23564	23113	23444	1.24	cps
Vanadium	51-2	11588	11748	11775	11704	0.86	cps
Yttrium	89-1	8873165	8767320	9061798	8900761	1.68	cps
Yttrium	89-2	1324905	1325895	1340573	1330458	0.66	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:20:29	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4227	4331	4511	4356	3.29	cps
Zirconium	90-1	13565	14049	13966	13860	1.87	cps
Zirconium	91-1	2967	3084	2925	2992	2.74	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : PB124441BL Instrumnet Name : P7
 Client Sample ID : PB124441BL Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 18:24:03 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	25	44	39.04	cps
Antimony	121-1	175	308	267	250	27.28	cps
Arsenic	75-2	4	4	15	7	86.64	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	25	42	25	31	31.50	cps
Beryllium	9-1	44	122	106	91	45.13	cps
Bismuth	209-1	4369677	4454690	4501532	4441966	1.50	cps
Bismuth	209-2	2772864	2723946	2782457	2759756	1.14	cps
Boron	10-1	1525	1517	1617	1553	3.57	cps
Boron	11-1	7277	6960	6635	6957	4.61	cps
Cadmium	111-1	2097	2335	2391	2275	6.87	cps
Cadmium	106-1	2992	3317	3409	3239	6.76	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	150	200	217	189	18.37	cps
Calcium	44-1	7360	7285	7277	7308	0.63	cps
Chromium	52-2	850	910	807	856	6.07	cps
Cobalt	59-2	30	37	27	31	16.37	cps
Copper	63-2	343	363	280	329	13.23	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	23	13	13	17	34.65	cps
Erbium	164-1	33	75	42	50	44.10	cps
Erbium	164-2	40	27	27	31	24.74	cps
Gadolinium	160-1	17	75	108	67	69.60	cps
Gadolinium	160-2	163	173	153	163	6.12	cps
Holmium	165-1	7526801	7716515	7607147	7616821	1.25	cps
Holmium	165-2	3841887	3786256	3890545	3839563	1.36	cps
Indium	115-1	6513861	6663993	6534509	6570788	1.24	cps
Indium	115-2	1362847	1345610	1361440	1356632	0.71	cps
Iron	56-2	4390	4323	4317	4343	0.93	cps
Iron	57-2	261	250	250	254	2.53	cps
Krypton	83-1	680	667	603	650	6.30	cps
Lead	206-1	622	444	622	563	18.23	cps
Lead	207-1	550	633	556	580	8.04	cps
Lead	208-1	1983	2006	2117	2035	3.51	cps
Lithium	6-1	3303239	3338061	3259396	3300232	1.19	cps
Magnesium	24-2	417	308	358	361	15.01	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : PB124441BL Instrumnet Name : P7
 Client Sample ID : PB124441BL Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 18:24:03 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	53	37	43	20.34	cps
Molybdenum	94-1	367	400	417	394	6.45	cps
Molybdenum	95-1	300	350	375	342	11.18	cps
Molybdenum	96-1	450	458	417	442	4.99	cps
Molybdenum	97-1	233	217	233	228	4.22	cps
Molybdenum	98-1	442	517	442	467	9.28	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	23	13	17	18	28.64	cps
Phosphorus	31-2	100	117	108	108	7.69	cps
Potassium	39-2	23019	23895	23661	23525	1.93	cps
Rhodium	103-1	5914633	6006592	5882663	5934630	1.08	cps
Rhodium	103-2	2914020	2862329	2960498	2912282	1.69	cps
Scandium	45-1	5615426	5707411	5556752	5626530	1.35	cps
Scandium	45-2	255745	252222	256621	254862	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	48	44	46	4.69	cps
Selenium	82-1	6	1	19	9	102.63	cps
Silicon	28-1	197569	189906	189383	192286	2.38	cps
Silver	109-1	250	217	158	208	22.27	cps
Silver	107-1	267	175	208	217	21.41	cps
Sodium	23-2	10679	11405	11638	11241	4.45	cps
Strontium	86-1	1175	1050	917	1047	12.34	cps
Strontium	88-1	200	158	117	158	26.32	cps
Sulfur	34-1	381641	382134	391345	385040	1.42	cps
Terbium	159-1	7793735	8030602	7871918	7898752	1.53	cps
Terbium	159-2	3828804	3773812	3841029	3814548	0.94	cps
Thallium	203-1	358	425	417	400	9.08	cps
Thallium	205-1	717	650	708	692	5.25	cps
Thorium	232-1	1172	1389	1545	1369	13.66	cps
Tin	118-1	1017	1233	1167	1139	9.74	cps
Titanium	47-1	83	83	125	97	24.74	cps
Uranium	238-1	1834	1817	1850	1834	0.91	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	8820479	8966303	8790619	8859133	1.06	cps
Yttrium	89-2	1300670	1279127	1305827	1295208	1.09	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	PB124441BL	Instrumnet Name :	P7
Client Sample ID :	PB124441BL	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:24:03	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	653	750	717	707	6.95	cps
Zirconium	90-1	567	542	600	569	5.14	cps
Zirconium	91-1	125	133	108	122	10.41	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	PB124441BS	Instrumnet Name :	P7
Client Sample ID :	PB124441BS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:27:37	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1026739	1029016	1051830	1035861	1.34	cps
Antimony	121-1	3448509	3424264	3442913	3438562	0.37	cps
Arsenic	75-2	137309	137090	139169	137856	0.83	cps
Barium	135-1	4337819	4311303	4337717	4328946	0.35	cps
Barium	137-1	7539460	7562480	7624097	7575346	0.58	cps
Beryllium	9-1	1289665	1287089	1296410	1291055	0.37	cps
Bismuth	209-1	4351883	4539961	4413511	4435119	2.16	cps
Bismuth	209-2	2632843	2658726	2660701	2650757	0.59	cps
Boron	10-1	206383	209770	211373	209175	1.22	cps
Boron	11-1	936487	952915	955962	948455	1.10	cps
Cadmium	111-1	996319	989740	1001115	995725	0.57	cps
Cadmium	106-1	117451	117133	119308	117964	1.00	cps
Cadmium	108-1	77352	77389	78801	77847	1.06	cps
Calcium	43-1	1520919	1497210	1524791	1514307	0.99	cps
Calcium	44-1	24028833	23745234	24202980	23992349	0.96	cps
Chromium	52-2	1325775	1328864	1329212	1327950	0.14	cps
Cobalt	59-2	1963562	1966324	1984915	1971600	0.59	cps
Copper	63-2	2457306	2482394	2511201	2483634	1.09	cps
Dysprosium	156-1	75	58	50	61	20.83	cps
Dysprosium	156-2	137	103	80	107	26.70	cps
Erbium	164-1	83	75	58	72	17.62	cps
Erbium	164-2	47	30	47	41	23.41	cps
Gadolinium	160-1	67	125	33	75	61.87	cps
Gadolinium	160-2	173	223	187	194	13.32	cps
Holmium	165-1	7559214	8230925	8106557	7965566	4.49	cps
Holmium	165-2	3854240	3907413	3882890	3881514	0.69	cps
Indium	115-1	6213277	6758456	6592855	6521529	4.29	cps
Indium	115-2	1282143	1298470	1288267	1289627	0.64	cps
Iron	56-2	51524454	51526300	51502612	51517789	0.03	cps
Iron	57-2	1357244	1349936	1367891	1358357	0.66	cps
Krypton	83-1	550	590	563	568	3.59	cps
Lead	206-1	2535714	2544460	2524095	2534756	0.40	cps
Lead	207-1	2330817	2319943	2330616	2327125	0.27	cps
Lead	208-1	10459092	10434110	10475894	10456365	0.20	cps
Lithium	6-1	3172481	3432868	3365403	3323584	4.07	cps
Magnesium	24-2	11478697	11519007	11696257	11564653	1.00	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	PB124441BS	Instrumnet Name :	P7
Client Sample ID :	PB124441BS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:27:37	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1677262	1682333	1690982	1683526	0.41	cps
Molybdenum	94-1	8082741	8016455	8120339	8073178	0.65	cps
Molybdenum	95-1	9792704	9748374	9820686	9787254	0.37	cps
Molybdenum	96-1	10971244	10914158	10909729	10931710	0.31	cps
Molybdenum	97-1	6195522	6170013	6169390	6178308	0.24	cps
Molybdenum	98-1	15650828	15540113	15735165	15642036	0.63	cps
Neodymium	150-1	373	360	333	356	5.73	cps
Neodymium	150-2	43	47	33	41	16.89	cps
Nickel	60-2	508349	511390	513137	510959	0.47	cps
Phosphorus	31-2	158	192	250	200	23.20	cps
Potassium	39-2	5421283	5427824	5478367	5442492	0.57	cps
Rhodium	103-1	5524044	5984375	5818921	5775780	4.04	cps
Rhodium	103-2	2733469	2755688	2756653	2748603	0.48	cps
Scandium	45-1	5393633	5863288	5808300	5688407	4.51	cps
Scandium	45-2	242471	244751	248015	245079	1.14	cps
Selenium	77-2	3867	4094	3987	3983	2.85	cps
Selenium	78-2	13495	13377	13221	13364	1.03	cps
Selenium	82-1	85586	85415	85707	85569	0.17	cps
Silicon	28-1	1888524	1881610	1902109	1890748	0.55	cps
Silver	109-1	3963001	3955429	3986149	3968193	0.40	cps
Silver	107-1	4187804	4151585	4151617	4163669	0.50	cps
Sodium	23-2	23340952	23407060	23418777	23388930	0.18	cps
Strontium	86-1	1279723	1267520	1281466	1276237	0.60	cps
Strontium	88-1	10982787	10824493	11038370	10948550	1.01	cps
Sulfur	34-1	357064	349412	347054	351177	1.49	cps
Terbium	159-1	7799169	8515466	8202728	8172454	4.39	cps
Terbium	159-2	3810299	3816491	3836505	3821098	0.36	cps
Thallium	203-1	3028439	3028318	3075272	3044010	0.89	cps
Thallium	205-1	7196256	7190093	7237967	7208106	0.36	cps
Thorium	232-1	1856	2250	2095	2067	9.61	cps
Tin	118-1	3031905	3010173	3054564	3032214	0.73	cps
Titanium	47-1	3366522	3340648	3405215	3370795	0.96	cps
Uranium	238-1	11275936	11238566	11348324	11287609	0.49	cps
Vanadium	51-2	1106723	1109369	1115143	1110412	0.39	cps
Yttrium	89-1	8510329	9292516	9099705	8967517	4.54	cps
Yttrium	89-2	1256591	1253891	1260890	1257124	0.28	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	PB124441BS	Instrumnet Name :	P7
Client Sample ID :	PB124441BS	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:27:37	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	456769	455322	463175	458422	0.91	cps
Zirconium	90-1	6698099	6663017	6783617	6714911	0.92	cps
Zirconium	91-1	1516350	1500432	1527520	1514767	0.90	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-18 18:31:12	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858	1167	1008	1011	15.25	cps
Antimony	121-1	16427	14917	13098	14814	11.25	cps
Arsenic	75-2	682	715	683	693	2.70	cps
Barium	135-1	21501	22202	21375	21693	2.05	cps
Barium	137-1	37610	37276	38722	37869	2.00	cps
Beryllium	9-1	161	144	172	159	8.78	cps
Bismuth	209-1	4534935	4458866	4407368	4467056	1.44	cps
Bismuth	209-2	2751262	2760049	2730889	2747400	0.54	cps
Boron	10-1	10062	9770	9945	9926	1.48	cps
Boron	11-1	46213	46916	44382	45837	2.85	cps
Cadmium	111-1	2810	2590	2653	2684	4.22	cps
Cadmium	106-1	3559	3367	3326	3417	3.64	cps
Cadmium	108-1	33	67	13	38	72.87	cps
Calcium	43-1	571632	566146	563630	567136	0.72	cps
Calcium	44-1	8986542	8977531	8934631	8966235	0.31	cps
Chromium	52-2	1433	1587	1523	1515	5.09	cps
Cobalt	59-2	3647	3664	3547	3619	1.74	cps
Copper	63-2	3324	3187	2767	3093	9.38	cps
Dysprosium	156-1	42	50	67	53	24.12	cps
Dysprosium	156-2	40	43	30	38	18.36	cps
Erbium	164-1	117	100	75	97	21.57	cps
Erbium	164-2	63	60	47	57	15.56	cps
Gadolinium	160-1	133	58	75	89	44.30	cps
Gadolinium	160-2	213	160	193	189	14.27	cps
Holmium	165-1	7777774	7803936	7848345	7810019	0.46	cps
Holmium	165-2	3890789	3976492	3923186	3930156	1.10	cps
Indium	115-1	6629189	6687892	6682865	6666649	0.49	cps
Indium	115-2	1369759	1372854	1379155	1373923	0.35	cps
Iron	56-2	2116068	2096372	2091993	2101478	0.61	cps
Iron	57-2	57831	56815	57529	57392	0.91	cps
Krypton	83-1	687	613	667	656	5.78	cps
Lead	206-1	2189	2189	1834	2071	9.92	cps
Lead	207-1	2306	1939	1967	2071	9.86	cps
Lead	208-1	9068	8474	7512	8351	9.40	cps
Lithium	6-1	3428901	3456035	3440548	3441828	0.40	cps
Magnesium	24-2	1864578	1867201	1855040	1862273	0.34	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-18 18:31:12	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	675090	672437	671582	673036	0.27	cps
Molybdenum	94-1	4284	4493	4334	4370	2.49	cps
Molybdenum	95-1	5518	5201	5460	5393	3.13	cps
Molybdenum	96-1	5526	5585	5643	5585	1.05	cps
Molybdenum	97-1	3417	3100	2867	3128	8.83	cps
Molybdenum	98-1	8411	7953	7953	8105	3.27	cps
Neodymium	150-1	67	87	40	64	36.33	cps
Neodymium	150-2	13	30	27	23	37.81	cps
Nickel	60-2	543	453	470	489	9.79	cps
Phosphorus	31-2	183	200	133	172	20.15	cps
Potassium	39-2	341305	337953	340292	339850	0.51	cps
Rhodium	103-1	5964528	5967925	5951605	5961353	0.14	cps
Rhodium	103-2	2959701	2978099	2972444	2970081	0.32	cps
Scandium	45-1	5793593	5833045	5801550	5809396	0.36	cps
Scandium	45-2	265327	265660	262066	264351	0.75	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	69	41	35	48	37.09	cps
Selenium	82-1	-35	39	-48	-15	-314.87	cps
Silicon	28-1	11008195	11154108	11120476	11094260	0.69	cps
Silver	109-1	4418	4559	3892	4290	8.19	cps
Silver	107-1	5168	4743	4126	4679	11.20	cps
Sodium	23-2	4879266	4862656	4802821	4848247	0.83	cps
Strontium	86-1	371721	372932	375826	373493	0.56	cps
Strontium	88-1	3144328	3112423	3133799	3130184	0.52	cps
Sulfur	34-1	378602	380097	383011	380570	0.59	cps
Terbium	159-1	8047894	8139903	8124269	8104022	0.61	cps
Terbium	159-2	3925438	3930793	3911100	3922444	0.26	cps
Thallium	203-1	6235	4576	4068	4960	22.86	cps
Thallium	205-1	14091	10888	8837	11272	23.49	cps
Thorium	232-1	1295	1289	1339	1308	2.10	cps
Tin	118-1	3892	3776	4134	3934	4.65	cps
Titanium	47-1	1017	975	867	953	8.13	cps
Uranium	238-1	4176	4376	4251	4268	2.37	cps
Vanadium	51-2	323	363	353	347	6.00	cps
Yttrium	89-1	9081747	9156511	9031438	9089898	0.69	cps
Yttrium	89-2	1324312	1326081	1318767	1323053	0.29	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DLX5	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL	Dilution Factor :	5
Date & Time Acquired ::	2019-11-18 18:31:12	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2944	2754	2760	2819	3.83	cps
Zirconium	90-1	4393	4676	4292	4454	4.47	cps
Zirconium	91-1	933	833	958	908	7.28	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DL2X25	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL2	Dilution Factor :	25
Date & Time Acquired ::	2019-11-18 18:38:47	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	292	283	269	11.71	cps
Antimony	121-1	492	525	542	519	4.90	cps
Arsenic	75-2	107	152	176	145	23.96	cps
Barium	135-1	4751	4251	4292	4431	6.26	cps
Barium	137-1	7311	6935	7619	7288	4.70	cps
Beryllium	9-1	106	106	89	100	9.62	cps
Bismuth	209-1	4451219	4509661	4376472	4445784	1.50	cps
Bismuth	209-2	2697149	2241269	2787003	2575140	11.36	cps
Boron	10-1	2767	2984	2850	2867	3.81	cps
Boron	11-1	12439	12814	13048	12767	2.41	cps
Cadmium	111-1	2432	2369	2234	2345	4.31	cps
Cadmium	106-1	3426	3317	3159	3301	4.07	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	109622	109814	106902	108779	1.50	cps
Calcium	44-1	1713577	1749016	1735904	1732832	1.03	cps
Chromium	52-2	950	1023	953	976	4.24	cps
Cobalt	59-2	757	830	743	777	6.01	cps
Copper	63-2	1507	1513	1553	1525	1.66	cps
Dysprosium	156-1	8	25	42	25	66.68	cps
Dysprosium	156-2	20	20	23	21	9.11	cps
Erbium	164-1	58	58	75	64	15.05	cps
Erbium	164-2	23	40	57	40	41.68	cps
Gadolinium	160-1	50	92	92	78	30.93	cps
Gadolinium	160-2	180	150	220	183	19.16	cps
Holmium	165-1	7788642	7865213	7711722	7788526	0.99	cps
Holmium	165-2	3806901	3145368	3890794	3614354	11.30	cps
Indium	115-1	6649451	6665908	6554990	6623450	0.90	cps
Indium	115-2	1324933	1085313	1366755	1259000	12.06	cps
Iron	56-2	406953	417207	408139	410766	1.37	cps
Iron	57-2	11516	11521	10910	11316	3.11	cps
Krypton	83-1	663	573	580	606	8.28	cps
Lead	206-1	972	939	850	920	6.87	cps
Lead	207-1	906	806	906	872	6.62	cps
Lead	208-1	3739	3545	3356	3547	5.41	cps
Lithium	6-1	3358371	3384705	3331730	3358269	0.79	cps
Magnesium	24-2	347045	358317	350153	351838	1.65	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DL2X25	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL2	Dilution Factor :	25
Date & Time Acquired ::	2019-11-18 18:38:47	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	128014	132430	129235	129893	1.76	cps
Molybdenum	94-1	917	1192	1150	1086	13.65	cps
Molybdenum	95-1	875	1058	1025	986	9.90	cps
Molybdenum	96-1	1308	1325	1225	1286	4.17	cps
Molybdenum	97-1	575	767	567	636	17.79	cps
Molybdenum	98-1	1600	1592	1650	1614	1.96	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	143	107	117	122	15.51	cps
Phosphorus	31-2	158	58	83	100	52.04	cps
Potassium	39-2	82135	84800	83635	83523	1.60	cps
Rhodium	103-1	5949089	5980437	5807565	5912364	1.56	cps
Rhodium	103-2	2863234	2347779	2954764	2721926	12.02	cps
Scandium	45-1	5675613	5680205	5632905	5662908	0.46	cps
Scandium	45-2	247171	201135	258581	235629	12.91	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	39	30	52	40	27.82	cps
Selenium	82-1	-50	79	25	18	360.00	cps
Silicon	28-1	2267834	2275989	2260694	2268172	0.34	cps
Silver	109-1	433	417	475	442	6.80	cps
Silver	107-1	475	475	633	528	17.32	cps
Sodium	23-2	923491	941530	932434	932485	0.97	cps
Strontium	86-1	73698	73832	72650	73393	0.88	cps
Strontium	88-1	617277	619530	620100	618969	0.24	cps
Sulfur	34-1	396550	399702	401782	399345	0.66	cps
Terbium	159-1	8136559	8104799	7910664	8050674	1.52	cps
Terbium	159-2	3769734	3089267	3850455	3569819	11.71	cps
Thallium	203-1	667	683	483	611	18.16	cps
Thallium	205-1	1158	1267	1192	1206	4.60	cps
Thorium	232-1	1256	1272	1283	1270	1.10	cps
Tin	118-1	1383	1500	1433	1439	4.07	cps
Titanium	47-1	442	417	333	397	14.28	cps
Uranium	238-1	2075	2467	1925	2156	12.98	cps
Vanadium	51-2	83	97	87	89	7.81	cps
Yttrium	89-1	8968408	8953782	8791921	8904704	1.10	cps
Yttrium	89-2	1263768	1031237	1300853	1198620	12.19	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	K5802-06DL2X25	Instrumnet Name :	P7
Client Sample ID :	S32-0678DL2	Dilution Factor :	25
Date & Time Acquired ::	2019-11-18 18:38:47	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1210	1187	1300	1232	4.86	cps
Zirconium	90-1	1058	1242	1250	1183	9.16	cps
Zirconium	91-1	175	292	292	253	26.65	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:47:14	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2317	2567	2492	2459	5.22	cps
Antimony	121-1	13449	13782	13908	13713	1.73	cps
Arsenic	75-2	287	267	287	280	4.20	cps
Barium	135-1	18638	18763	18939	18780	0.80	cps
Barium	137-1	31912	31311	32038	31754	1.22	cps
Beryllium	9-1	2723	2417	2678	2606	6.34	cps
Bismuth	209-1	4354302	4424837	4427808	4402316	0.95	cps
Bismuth	209-2	2820654	2810295	2743148	2791366	1.51	cps
Boron	10-1	11738	11647	11955	11780	1.34	cps
Boron	11-1	51807	54014	53997	53273	2.38	cps
Cadmium	111-1	4190	4351	4577	4373	4.45	cps
Cadmium	106-1	3342	3617	3826	3595	6.75	cps
Cadmium	108-1	154	146	150	150	2.78	cps
Calcium	43-1	16451	16618	16235	16435	1.17	cps
Calcium	44-1	265217	263917	265565	264900	0.33	cps
Chromium	52-2	6815	6752	6645	6737	1.28	cps
Cobalt	59-2	4374	4197	3904	4158	5.71	cps
Copper	63-2	6055	5838	5951	5948	1.82	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	20	20	17	19	10.18	cps
Erbium	164-1	92	67	42	67	37.50	cps
Erbium	164-2	40	40	33	38	10.19	cps
Gadolinium	160-1	8	25	100	44	109.88	cps
Gadolinium	160-2	180	163	150	164	9.14	cps
Holmium	165-1	7510179	7715536	7793530	7673081	1.91	cps
Holmium	165-2	3909722	3923989	3810327	3881346	1.60	cps
Indium	115-1	6478809	6538718	6601547	6539691	0.94	cps
Indium	115-2	1371920	1378758	1345818	1365499	1.27	cps
Iron	56-2	125262	125096	127050	125803	0.86	cps
Iron	57-2	3262	3400	3350	3338	2.11	cps
Krypton	83-1	557	627	600	594	5.94	cps
Lead	206-1	6141	5701	5690	5844	4.39	cps
Lead	207-1	5229	5312	5162	5235	1.44	cps
Lead	208-1	23692	23120	22986	23266	1.61	cps
Lithium	6-1	3271425	3311454	3342800	3308560	1.08	cps
Magnesium	24-2	127414	127101	126993	127169	0.17	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:47:14	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1780	1877	1900	1852	3.44	cps
Molybdenum	94-1	17111	17870	16585	17189	3.76	cps
Molybdenum	95-1	20315	20949	21642	20969	3.16	cps
Molybdenum	96-1	23670	22318	23003	22997	2.94	cps
Molybdenum	97-1	13465	13090	13257	13271	1.42	cps
Molybdenum	98-1	34192	33206	33340	33579	1.59	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	17	3	7	132.33	cps
Nickel	60-2	1147	1140	1200	1162	2.83	cps
Phosphorus	31-2	442	400	367	403	9.33	cps
Potassium	39-2	135900	135285	136718	135968	0.53	cps
Rhodium	103-1	5775524	5926764	5976356	5892881	1.78	cps
Rhodium	103-2	2955117	2949077	2884833	2929676	1.33	cps
Scandium	45-1	5582545	5599434	5728710	5636897	1.42	cps
Scandium	45-2	255624	255296	250705	253875	1.08	cps
Selenium	77-2	33	33	27	31	12.36	cps
Selenium	78-2	206	178	202	195	7.73	cps
Selenium	82-1	936	866	884	895	4.06	cps
Silicon	28-1	279608	278445	281517	279857	0.55	cps
Silver	109-1	9654	9654	10029	9779	2.22	cps
Silver	107-1	10354	10254	10554	10388	1.47	cps
Sodium	23-2	248603	251114	250788	250168	0.55	cps
Strontium	86-1	3676	3951	3684	3770	4.15	cps
Strontium	88-1	23587	24138	24547	24090	2.00	cps
Sulfur	34-1	418561	413870	413566	415333	0.67	cps
Terbium	159-1	7783149	7897724	7997849	7892907	1.36	cps
Terbium	159-2	3900366	3899567	3777666	3859200	1.83	cps
Thallium	203-1	6810	6469	7002	6760	4.00	cps
Thallium	205-1	15585	15009	15401	15332	1.92	cps
Thorium	232-1	23271	23254	23405	23310	0.35	cps
Tin	118-1	33683	33391	33750	33608	0.57	cps
Titanium	47-1	7194	7019	7219	7144	1.53	cps
Uranium	238-1	23556	24340	24649	24182	2.33	cps
Vanadium	51-2	12145	11945	12005	12032	0.85	cps
Yttrium	89-1	8737133	8825989	8918370	8827164	1.03	cps
Yttrium	89-2	1302338	1313755	1272445	1296179	1.65	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:47:14	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4467	4441	4487	4465	0.52	cps
Zirconium	90-1	14741	13941	13957	14213	3.22	cps
Zirconium	91-1	2975	3276	3200	3150	4.96	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:50:49	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5029661	4905779	4972114	4969185	1.25	cps
Antimony	121-1	3117797	3092274	3112026	3107366	0.43	cps
Arsenic	75-2	116447	114985	113886	115106	1.12	cps
Barium	135-1	4149149	4134932	4144162	4142748	0.17	cps
Barium	137-1	7185571	7227154	7187782	7200169	0.32	cps
Beryllium	9-1	1176045	1168420	1166650	1170372	0.43	cps
Bismuth	209-1	4137533	4039202	4060983	4079239	1.27	cps
Bismuth	209-2	2396059	2380311	2390138	2388836	0.33	cps
Boron	10-1	198622	201114	202389	200708	0.95	cps
Boron	11-1	896787	909883	908030	904900	0.78	cps
Cadmium	111-1	945048	938538	942132	941906	0.35	cps
Cadmium	106-1	115627	111755	114392	113925	1.74	cps
Cadmium	108-1	75802	73871	74541	74738	1.31	cps
Calcium	43-1	7154664	7106205	7172973	7144614	0.48	cps
Calcium	44-1	114540048	112816640	113153319	113503336	0.80	cps
Chromium	52-2	1221729	1199170	1204660	1208519	0.97	cps
Cobalt	59-2	1735655	1714160	1712408	1720741	0.75	cps
Copper	63-2	2461314	2412452	2425470	2433079	1.04	cps
Dysprosium	156-1	100	83	133	106	24.12	cps
Dysprosium	156-2	90	157	117	121	27.71	cps
Erbium	164-1	50	100	83	78	32.73	cps
Erbium	164-2	53	53	60	56	6.93	cps
Gadolinium	160-1	67	58	75	67	12.49	cps
Gadolinium	160-2	143	167	200	170	16.75	cps
Holmium	165-1	7622703	7552461	7526724	7567296	0.66	cps
Holmium	165-2	3732234	3681532	3703504	3705757	0.69	cps
Indium	115-1	5888429	5928544	5939301	5918758	0.45	cps
Indium	115-2	1219517	1190855	1209581	1206651	1.21	cps
Iron	56-2	232484872	226149044	226887305	228507074	1.52	cps
Iron	57-2	5991530	5897051	5918738	5935773	0.83	cps
Krypton	83-1	593	577	593	588	1.64	cps
Lead	206-1	2318063	2281375	2304448	2301295	0.81	cps
Lead	207-1	2054828	2015424	2038559	2036270	0.97	cps
Lead	208-1	9374575	9218865	9291577	9295006	0.84	cps
Lithium	6-1	3116980	3055888	3095672	3089513	1.00	cps
Magnesium	24-2	51792792	50516442	50784762	51031332	1.32	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:50:49	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1465996	1438487	1449526	1451337	0.95	cps
Molybdenum	94-1	7959344	7897263	7920215	7925607	0.40	cps
Molybdenum	95-1	9782544	9571214	9627212	9660323	1.13	cps
Molybdenum	96-1	10850542	10704153	10720736	10758477	0.75	cps
Molybdenum	97-1	6118089	6068954	6079760	6088934	0.42	cps
Molybdenum	98-1	15459954	15338554	15420698	15406402	0.40	cps
Neodymium	150-1	387	340	280	336	15.94	cps
Neodymium	150-2	37	57	43	46	22.36	cps
Nickel	60-2	442014	436812	432526	437117	1.09	cps
Phosphorus	31-2	5960	5751	6127	5946	3.16	cps
Potassium	39-2	25108330	24423054	24790920	24774101	1.38	cps
Rhodium	103-1	5146692	5119519	5115431	5127214	0.33	cps
Rhodium	103-2	2512122	2471501	2492162	2491928	0.82	cps
Scandium	45-1	5392380	5285378	5321423	5333060	1.02	cps
Scandium	45-2	239786	233903	237205	236964	1.24	cps
Selenium	77-2	3731	3691	3724	3715	0.58	cps
Selenium	78-2	12379	12166	12398	12315	1.05	cps
Selenium	82-1	82233	81018	80909	81387	0.90	cps
Silicon	28-1	4787163	4823211	4827045	4812473	0.46	cps
Silver	109-1	3995706	3994360	3965160	3985075	0.43	cps
Silver	107-1	4199624	4183304	4190848	4191259	0.19	cps
Sodium	23-2	102976752	101272763	101758300	102002605	0.86	cps
Strontium	86-1	1248253	1232716	1236896	1239288	0.65	cps
Strontium	88-1	10598951	10550069	10630788	10593269	0.38	cps
Sulfur	34-1	416944	408417	395751	407037	2.62	cps
Terbium	159-1	7763359	7591546	7726726	7693877	1.18	cps
Terbium	159-2	3687765	3616716	3655794	3653425	0.97	cps
Thallium	203-1	2849255	2792109	2850646	2830670	1.18	cps
Thallium	205-1	6669415	6613144	6710874	6664478	0.74	cps
Thorium	232-1	75964	75993	76221	76060	0.19	cps
Tin	118-1	2846537	2805840	2806441	2819606	0.83	cps
Titanium	47-1	3226139	3160007	3158090	3181412	1.22	cps
Uranium	238-1	10522048	10575012	10672165	10589742	0.72	cps
Vanadium	51-2	1027294	1008270	1011508	1015691	1.00	cps
Yttrium	89-1	8629083	8397331	8426909	8484441	1.49	cps
Yttrium	89-2	1225432	1206607	1215669	1215903	0.77	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:50:49	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	393334	385789	389913	389679	0.97	cps
Zirconium	90-1	6724614	6635786	6642050	6667483	0.74	cps
Zirconium	91-1	1513027	1498007	1493193	1501409	0.69	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P7
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 18:54:27 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617	867	758	747	16.78	cps
Antimony	121-1	2750	3084	3767	3201	16.20	cps
Arsenic	75-2	31	33	26	30	12.73	cps
Barium	135-1	583	408	467	486	18.33	cps
Barium	137-1	700	817	950	822	15.21	cps
Beryllium	9-1	244	350	311	302	17.69	cps
Bismuth	209-1	4382807	4337092	4340418	4353439	0.59	cps
Bismuth	209-2	2643893	2717924	2640859	2667559	1.64	cps
Boron	10-1	3692	2992	2800	3162	14.85	cps
Boron	11-1	15842	14307	13098	14416	9.54	cps
Cadmium	111-1	1955	2344	2287	2196	9.57	cps
Cadmium	106-1	2667	3175	3100	2981	9.21	cps
Cadmium	108-1	17	29	29	25	28.86	cps
Calcium	43-1	792	1025	1017	945	14.02	cps
Calcium	44-1	20056	20248	20223	20176	0.52	cps
Chromium	52-2	1027	1030	1020	1026	0.50	cps
Cobalt	59-2	170	193	210	191	10.52	cps
Copper	63-2	760	733	757	750	1.94	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	23	13	7	14	58.06	cps
Erbium	164-1	42	42	75	53	36.47	cps
Erbium	164-2	27	33	43	34	24.35	cps
Gadolinium	160-1	58	58	33	50	28.88	cps
Gadolinium	160-2	193	217	200	203	5.91	cps
Holmium	165-1	7278571	7308027	7296161	7294253	0.20	cps
Holmium	165-2	3660936	3803029	3689457	3717807	2.02	cps
Indium	115-1	6216536	6157385	6147457	6173793	0.60	cps
Indium	115-2	1294215	1323869	1294456	1304180	1.31	cps
Iron	56-2	31607	32776	30098	31494	4.26	cps
Iron	57-2	961	956	978	965	1.20	cps
Krypton	83-1	613	523	507	548	10.48	cps
Lead	206-1	928	950	928	935	1.37	cps
Lead	207-1	856	845	800	833	3.53	cps
Lead	208-1	3500	3272	3400	3391	3.37	cps
Lithium	6-1	3091971	3077251	3110718	3093313	0.54	cps
Magnesium	24-2	6710	6418	6377	6502	2.79	cps

LB Number : LB106370 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P7
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2019-11-18 18:54:27 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	253	237	250	247	3.58	cps
Molybdenum	94-1	2517	2559	2225	2434	7.46	cps
Molybdenum	95-1	3192	3067	2959	3073	3.80	cps
Molybdenum	96-1	3642	3701	3309	3551	5.95	cps
Molybdenum	97-1	2025	1767	1959	1917	7.00	cps
Molybdenum	98-1	5735	4876	4943	5184	9.21	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	63	87	53	68	25.24	cps
Phosphorus	31-2	92	150	142	128	24.69	cps
Potassium	39-2	27034	27927	26934	27298	2.00	cps
Rhodium	103-1	5529812	5499055	5569976	5532948	0.64	cps
Rhodium	103-2	2768353	2801632	2761479	2777154	0.77	cps
Scandium	45-1	5176194	5175680	5197976	5183283	0.25	cps
Scandium	45-2	235340	241830	238386	238519	1.36	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	80	48	61	63	25.13	cps
Selenium	82-1	35	105	106	82	49.77	cps
Silicon	28-1	215775	214356	213755	214628	0.48	cps
Silver	109-1	425	625	417	489	24.13	cps
Silver	107-1	467	625	775	622	24.78	cps
Sodium	23-2	28194	28002	25781	27326	4.91	cps
Strontium	86-1	1100	1008	1017	1042	4.87	cps
Strontium	88-1	1375	1358	1400	1378	1.52	cps
Sulfur	34-1	361866	361847	360378	361364	0.24	cps
Terbium	159-1	7536029	7448359	7520719	7501702	0.62	cps
Terbium	159-2	3685948	3766477	3694821	3715748	1.19	cps
Thallium	203-1	1008	917	967	964	4.76	cps
Thallium	205-1	2184	2142	1684	2003	13.85	cps
Thorium	232-1	1389	1422	1372	1395	1.83	cps
Tin	118-1	2734	2692	2659	2695	1.39	cps
Titanium	47-1	417	442	517	458	11.36	cps
Uranium	238-1	3151	2909	2800	2953	6.07	cps
Vanadium	51-2	107	77	120	101	21.95	cps
Yttrium	89-1	8247234	8282073	8294046	8274451	0.29	cps
Yttrium	89-2	1216521	1242026	1222599	1227049	1.09	cps

LB Number :	LB106370	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-11-18 18:54:27	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2617	2674	2730	2674	2.12	cps
Zirconium	90-1	1692	1667	1734	1697	1.99	cps
Zirconium	91-1	358	358	567	428	28.12	cps