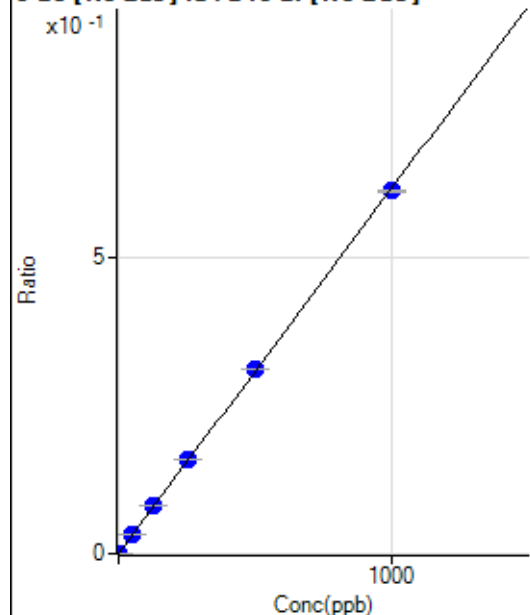


Batch Folder: D:\ICP-MS Data\P7082819-MS.b\
Analysis File: P7082819-MS.batch.bin
DA Date-Time: 2019-08-28 15:28:02
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-08-28 13:31:07
2	003CALS.d	S02	2019-08-28 13:34:43
3	004CALS.d	S03	2019-08-28 13:39:08
4	005CALS.d	S04	2019-08-28 13:43:04
5	006CALS.d	S05	2019-08-28 13:46:57
6	007CALS.d	S06	2019-08-28 13:50:46
7	008CALS.d	S07	2019-08-28 13:54:34
8	009CALS.d	S08	2019-08-28 13:58:20

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	11.8
2	☐	1.000	1.007	1407.86	0.0006	P	4.9
3	☐	50.000	53.287	72546.70	0.0328	P	0.5
4	☐	125.000	130.980	172738.42	0.0805	P	0.3
5	☐	250.000	259.166	325094.06	0.1593	P	0.2
6	☐	500.000	506.469	633837.16	0.3113	P	0.3
7	☐	1000.000	993.562	1264558.78	0.6106	P	0.2
8	☐			250.01	0.0001	P	24.7

$$y = 6.1456E-004 * x + 1.9096E-005$$

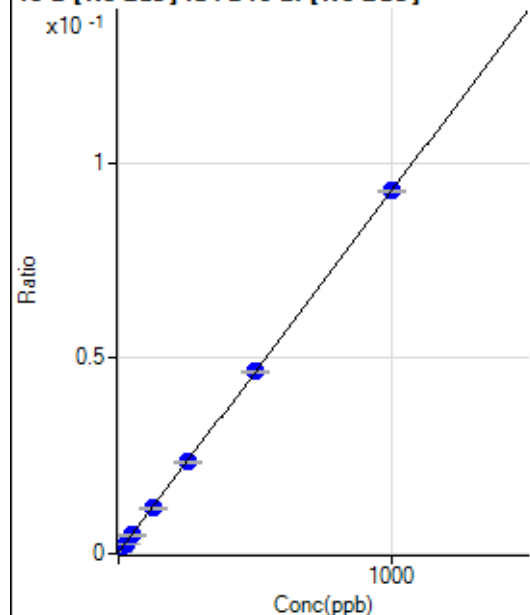
$$R = 0.9999$$

$$DL = 0.01103$$

$$BEC = 0.03107$$

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	600.04	0.0003	P	4.6
2	☐	25.000	23.007	5295.58	0.0024	P	3.4
3	☐	50.000	48.201	10467.91	0.0047	P	3.0
4	☐	125.000	122.497	24876.79	0.0116	P	3.2
5	☐	250.000	249.771	47684.51	0.0234	P	1.3
6	☐	500.000	500.914	94858.48	0.0466	P	1.4
7	☐	1000.000	1000.053	192052.76	0.0927	P	0.7
8	☐			9303.22	0.0044	P	8.8

$$y = 9.2458E-005 * x + 2.7139E-004$$

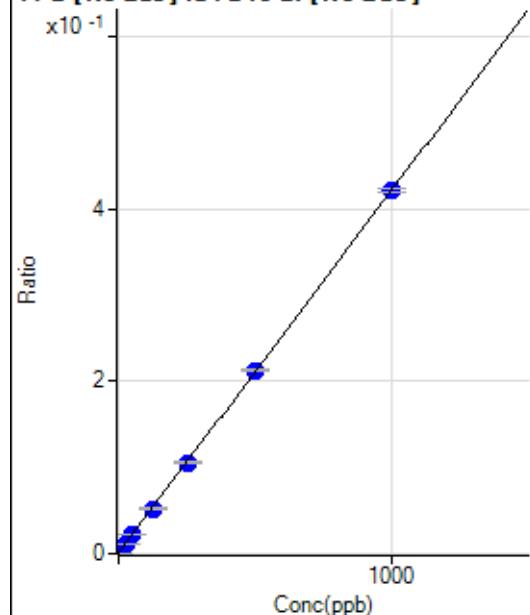
$$R = 1.0000$$

$$DL = 0.4049$$

$$BEC = 2.935$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2325.27	0.0011	P	3.9
2	☐	25.000	23.069	23711.00	0.0107	P	3.2
3	☐	50.000	48.524	47444.98	0.0214	P	0.4
4	☐	125.000	121.977	112139.38	0.0523	P	2.4
5	☐	250.000	249.615	216079.72	0.1059	P	0.9
6	☐	500.000	503.330	432554.39	0.2124	P	1.0
7	☐	1000.000	998.931	870948.73	0.4205	P	1.0
8	☐			42722.78	0.0202	P	7.5

$$y = 4.1994\text{E-}004 * x + 0.0011$$

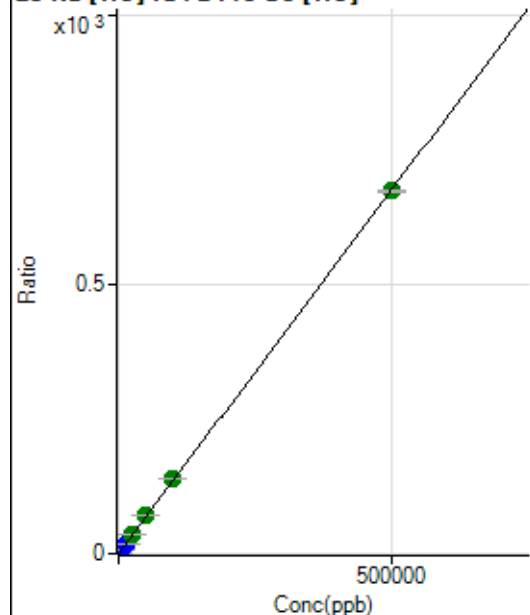
$$R = 1.0000$$

$$DL = 0.2953$$

$$BEC = 2.505$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3764.51	0.0217	P	1.3
2	☐	500.000	486.655	118948.84	0.6782	P	1.5
3	☐	5000.000	5111.341	1179318.89	6.9172	P	0.8
4	☐	12500.000	13000.804	2828140.41	17.5605	P	0.6
5	☐	25000.000	26474.275	5604487.63	35.7369	A	0.3
6	☐	50000.000	52758.967	11182937.14	71.1964	A	0.4
7	☐	100000.00	103609.92	22363606.75	139.7972	A	0.4
8	☐	500000.00	498914.78	109963996.9	673.0851	A	0.4

$$y = 0.0013 * x + 0.0217$$

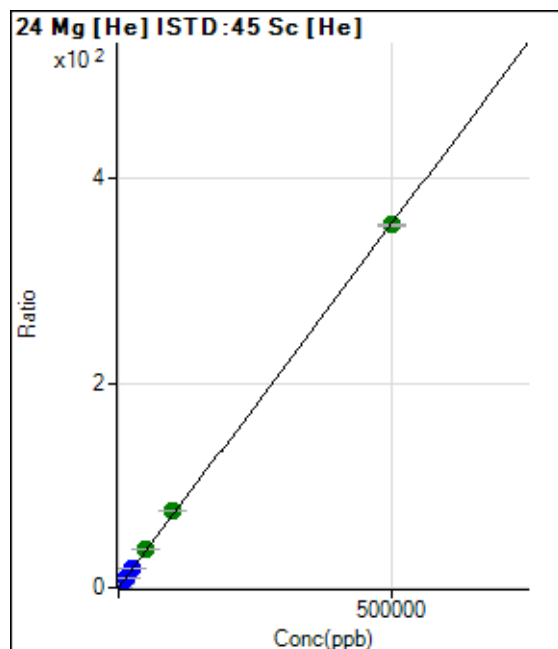
$$R = 1.0000$$

$$DL = 0.6459$$

$$BEC = 16.08$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	263.90	0.0015	P	12.2
2	☐	500.000	507.029	63549.17	0.3623	P	0.6
3	☐	5000.000	5208.250	632120.20	3.7077	P	0.9
4	☐	12500.000	13156.383	1508018.96	9.3635	P	0.4
5	☐	25000.000	26727.424	2982925.30	19.0206	P	0.5
6	☐	50000.000	53433.892	5972558.34	38.0247	A	0.7
7	☐	100000.00	104547.57	11901487.42	74.3968	A	0.1
8	☐	500000.00	498642.22	57969592.27	354.8318	A	0.3

$$y = 7.1159\text{E-}004 * x + 0.0015$$

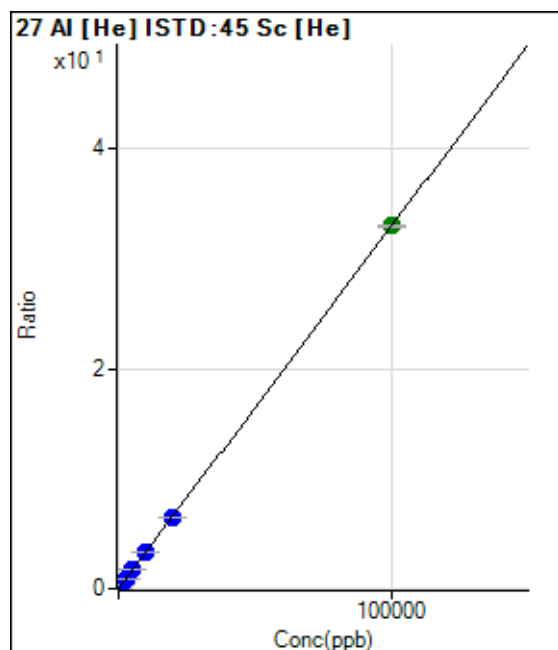
R = 0.9999

DL = 0.7832

BEC = 2.138

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.34	0.0002	P	66.1
2	☐	20.000	17.145	1025.08	0.0058	P	7.3
3	☐	1000.000	995.952	56016.93	0.3286	P	1.0
4	☐	2500.000	2516.614	133661.46	0.8299	P	0.8
5	☐	5000.000	5109.220	264208.68	1.6847	P	0.2
6	☐	10000.000	10060.435	521025.91	3.3171	P	0.1
7	☐	20000.000	19810.536	1044881.73	6.5317	P	0.6
8	☐	100000.00	100026.01	5387807.54	32.9786	A	0.3

$$y = 3.2970\text{E-}004 * x + 1.9202\text{E-}004$$

R = 1.0000

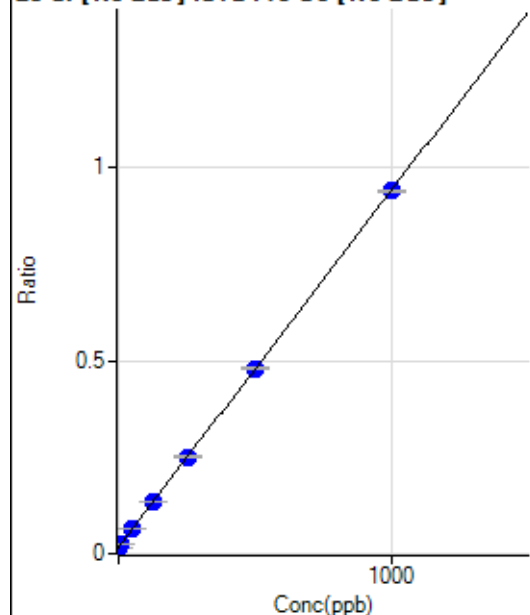
DL = 1.155

BEC = 0.5824

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	73486.79	0.0172	P	1.2
2	☐	10.000	9.599	112308.89	0.0260	P	1.0
3	☐	50.000	52.277	281462.52	0.0655	P	0.3
4	☐	125.000	125.755	547619.70	0.1333	P	0.7
5	☐	250.000	253.518	965393.22	0.2514	P	0.8
6	☐	500.000	501.474	1830581.18	0.4805	P	0.2
7	☐	1000.000	998.179	3640729.42	0.9394	P	0.4
8	☐			152835.17	0.0384	P	1.5

$$y = 9.2389\text{E-}004 * x + 0.0172$$

$$R = 1.0000$$

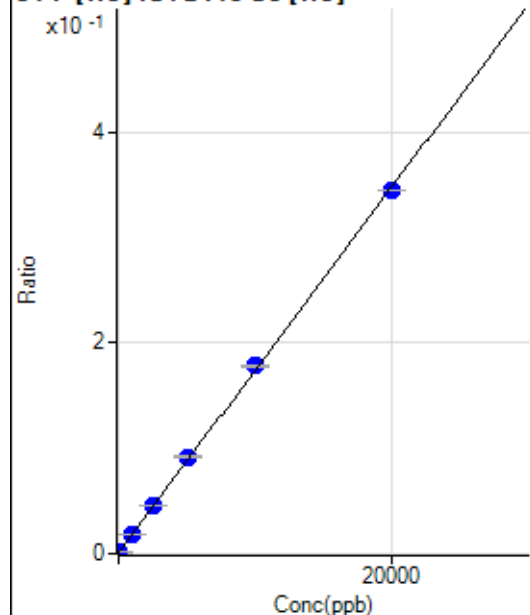
$$DL = 0.6495$$

$$BEC = 18.57$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-19.938	75.00	0.0004	P	29.6
2	☐	0.000	19.938	197.23	0.0011	P	29.0
3	☐	1000.000	1004.017	3097.67	0.0182	P	5.7
4	☐	2500.000	2592.368	7357.65	0.0457	P	2.9
5	☐	5000.000	5225.038	14315.79	0.0913	P	1.7
6	☐	10000.000	10241.605	27988.30	0.1782	P	1.3
7	☐	20000.000	19811.191	55021.89	0.3439	P	0.2
8	☐			66.67	0.0004	P	32.6

$$y = 1.7322\text{E-}005 * x + 7.7776\text{E-}004$$

$$R = 0.9998$$

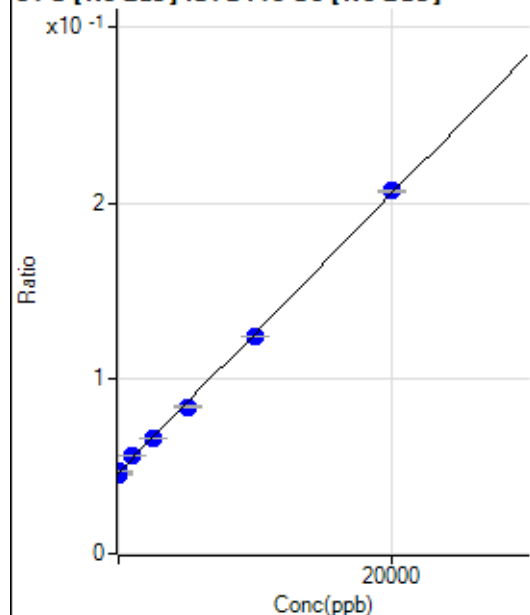
$$DL = 39.28$$

$$BEC = 44.9$$

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	-134.864	193834.72	0.0452	P	1.4
2	☐	0.000	134.864	204529.14	0.0474	P	0.9
3	☐	1000.000	1170.779	239188.02	0.0556	P	0.6
4	☐	2500.000	2449.943	270205.27	0.0658	P	1.2
5	☐	5000.000	4694.117	321172.12	0.0836	P	0.6
6	☐	10000.000	9760.167	472062.23	0.1239	P	0.3
7	☐	20000.000	20194.106	801658.56	0.2068	P	0.2
8	☐			177056.77	0.0445	P	0.6

$$y = 7.9492\text{E-}006 * x + 0.0463$$

R = 0.9996

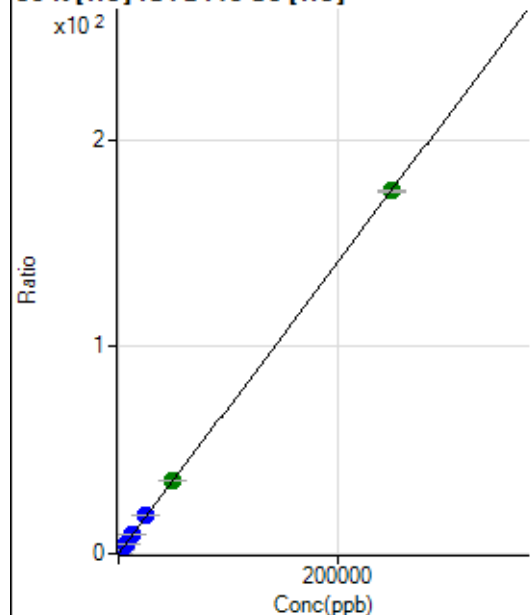
DL = 195.6

BEC = 5826

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	10192.80	0.0587	P	3.0
2	☐	500.000	504.974	72499.57	0.4134	P	0.5
3	☐	2500.000	2581.364	319084.26	1.8715	P	0.9
4	☐	6250.000	6448.538	738791.32	4.5873	P	0.4
5	☐	12500.000	13061.135	1447701.53	9.2311	P	0.2
6	☐	25000.000	25885.585	2864578.73	18.2373	P	0.0
7	☐	50000.000	50713.928	5706737.93	35.6733	A	0.4
8	☐	250000.00	249734.81	28661891.61	175.4387	A	0.4

$$y = 7.0226\text{E-}004 * x + 0.0587$$

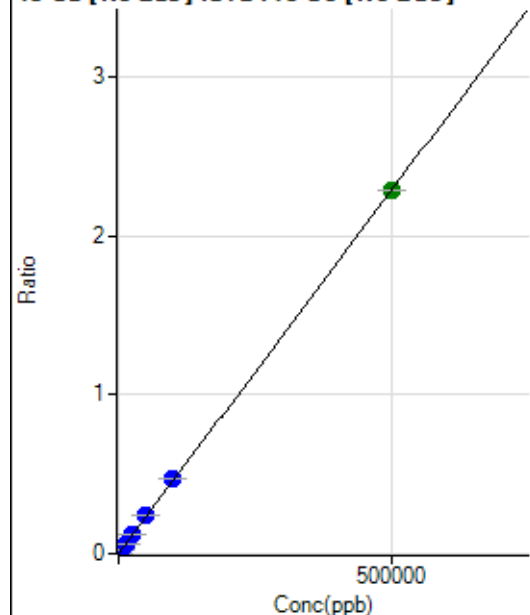
R = 1.0000

DL = 7.59

BEC = 83.64

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	130.56	0.0000	P	3.2
2	☐	500.000	472.274	9453.38	0.0022	P	2.2
3	☐	5000.000	5134.222	101088.79	0.0235	P	1.5
4	☐	12500.000	12720.034	239009.76	0.0582	P	0.7
5	☐	25000.000	26195.528	460131.50	0.1198	P	1.1
6	☐	50000.000	51905.487	904409.41	0.2374	P	0.2
7	☐	100000.00	102844.20	1822750.84	0.4703	P	0.3
8	☐	500000.00	499174.01	9076781.80	2.2826	A	0.2

$$y = 4.5726\text{E-}006 * x + 3.0470\text{E-}005$$

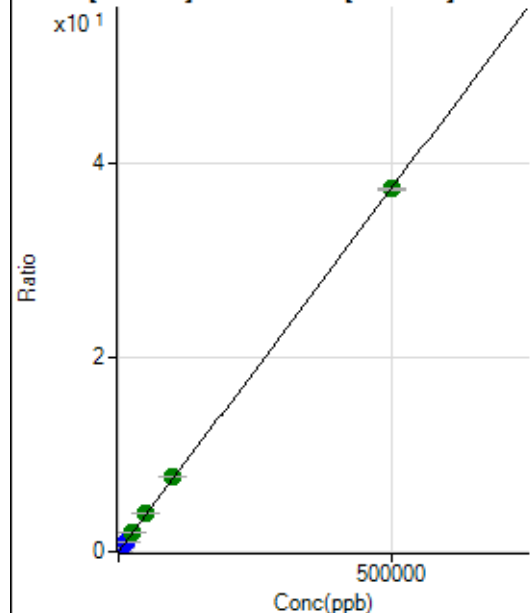
$$R = 1.0000$$

$$DL = 0.643$$

$$BEC = 6.664$$

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	6916.65	0.0016	P	3.5
2	☐	500.000	480.628	162267.30	0.0376	P	0.1
3	☐	5000.000	5077.359	1641437.75	0.3817	P	0.1
4	☐	12500.000	12723.556	3918407.69	0.9541	P	0.3
5	☐	25000.000	26114.006	7513727.51	1.9565	A	0.6
6	☐	50000.000	52004.179	14838524.29	3.8946	A	0.2
7	☐	100000.00	102877.39	29853841.64	7.7028	A	0.2
8	☐	500000.00	499162.06	148596336.6	37.3680	A	0.3

$$y = 7.4858\text{E-}005 * x + 0.0016$$

$$R = 1.0000$$

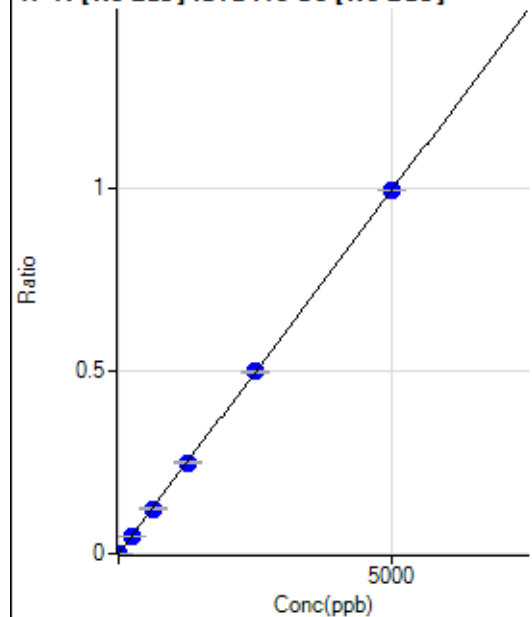
$$DL = 2.255$$

$$BEC = 21.57$$

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	77.78	0.0000	P	22.5
2	☐	5.000	5.135	4484.22	0.0010	P	6.3
3	☐	250.000	249.261	213149.18	0.0496	P	0.7
4	☐	625.000	621.967	507840.88	0.1237	P	0.4
5	☐	1250.000	1256.289	959122.72	0.2497	P	0.5
6	☐	2500.000	2504.147	1896579.60	0.4978	P	0.5
7	☐	5000.000	4996.770	3849616.02	0.9933	P	0.2
8	☐			1158.43	0.0003	P	6.9

$$y = 1.9878\text{E-}004 * x + 1.8160\text{E-}005$$

$$R = 1.0000$$

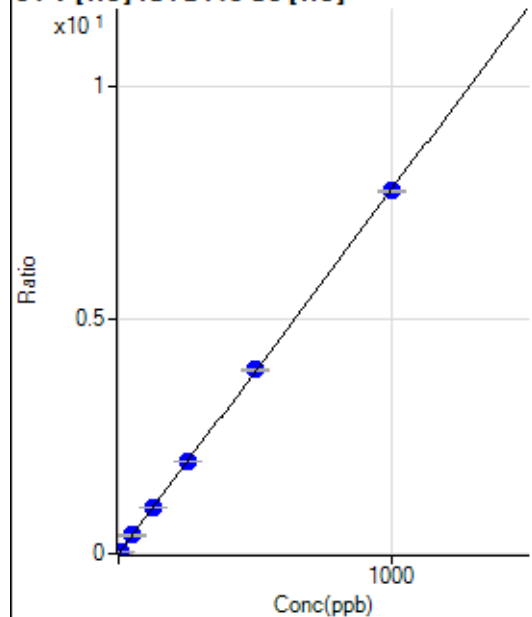
$$DL = 0.06174$$

$$BEC = 0.09136$$

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	1.11	0.0000	P	173.2
2	☐	5.000	5.096	6955.07	0.0397	P	1.3
3	☐	50.000	50.297	66714.54	0.3913	P	1.3
4	☐	125.000	125.494	157242.95	0.9763	P	0.4
5	☐	250.000	255.141	311295.34	1.9850	P	0.6
6	☐	500.000	504.751	616816.19	3.9270	P	0.4
7	☐	1000.000	996.262	1239930.03	7.7509	P	0.2
8	☐			213.34	0.0013	P	21.8

$$y = 0.0078 * x + 6.3921\text{E-}006$$

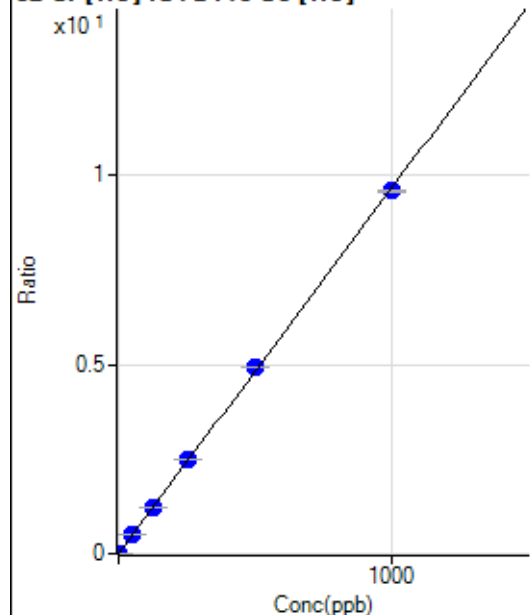
$$R = 1.0000$$

$$DL = 0.004269$$

$$BEC = 0.0008216$$

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	204.45	0.0012	P	7.2
2	☐	2.000	1.966	3534.93	0.0202	P	2.2
3	☐	50.000	51.708	85297.03	0.5003	P	1.1
4	☐	125.000	127.959	199109.50	1.2363	P	0.1
5	☐	250.000	257.561	390066.92	2.4873	P	0.6
6	☐	500.000	508.963	771847.46	4.9140	P	0.3
7	☐	1000.000	993.173	1533768.28	9.5878	P	0.7
8	☐			40992.63	0.2509	P	0.7

$$y = 0.0097 * x + 0.0012$$

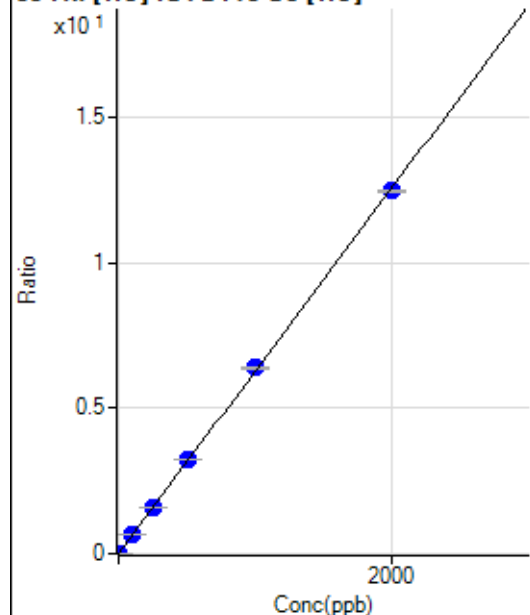
$$R = 0.9999$$

$$DL = 0.02637$$

$$BEC = 0.1221$$

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	41.7
2	☐	1.000	1.052	1195.63	0.0068	P	6.6
3	☐	100.000	101.888	109113.96	0.6400	P	0.8
4	☐	250.000	254.465	257372.29	1.5981	P	0.2
5	☐	500.000	516.466	508629.51	3.2433	P	0.6
6	☐	1000.000	1016.567	1002678.42	6.3835	P	0.2
7	☐	2000.000	1986.948	1995935.51	12.4769	P	0.6
8	☐			6405.95	0.0392	P	3.1

$$y = 0.0063 * x + 2.1136E-004$$

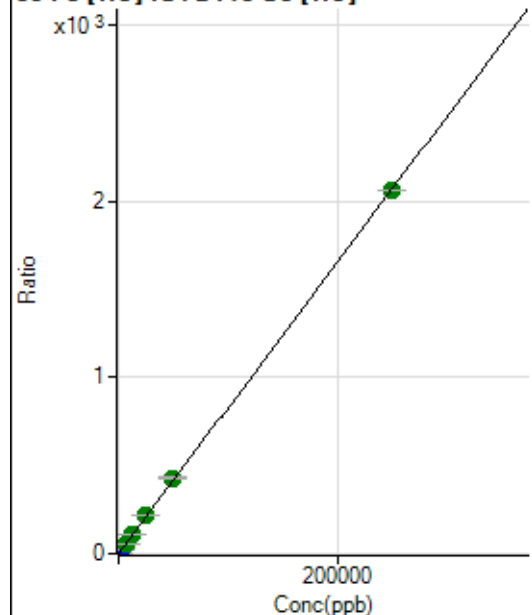
$$R = 0.9999$$

$$DL = 0.04211$$

$$BEC = 0.03366$$

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	2265.06	0.0131	P	5.7
2	☐	50.000	55.112	82004.23	0.4676	P	1.0
3	☐	2500.000	2702.365	3801934.37	22.2999	P	0.7
4	☐	6250.000	6700.584	8901954.89	55.2739	A	0.1
5	☐	12500.000	13569.201	17551832.10	111.9204	A	0.6
6	☐	25000.000	26793.464	34710336.66	220.9831	A	0.2
7	☐	50000.000	52088.093	68722856.17	429.5920	A	0.5
8	☐	250000.00	249336.28	335946107.5	2,056.329	A	0.2

$$y = 0.0082 * x + 0.0131$$

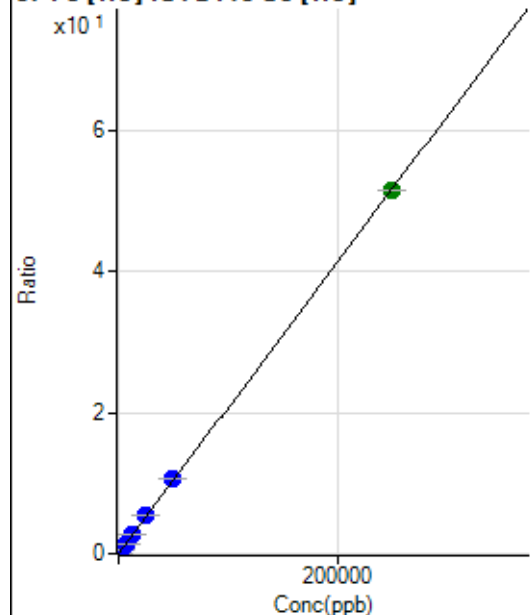
$$R = 0.9999$$

$$DL = 0.2683$$

$$BEC = 1.583$$

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	157.42	0.0009	P	8.0
2	☐	50.000	55.402	2161.34	0.0123	P	3.0
3	☐	2500.000	2705.134	95190.06	0.5583	P	0.3
4	☐	6250.000	6736.388	223695.28	1.3890	P	0.2
5	☐	12500.000	13573.120	438749.01	2.7977	P	0.5
6	☐	25000.000	26837.692	868764.63	5.5309	P	0.8
7	☐	50000.000	52003.813	1714336.40	10.7165	P	0.4
8	☐	250000.00	249347.60	8394042.72	51.3800	A	0.2

$$y = 2.0605E-004 * x + 9.0706E-004$$

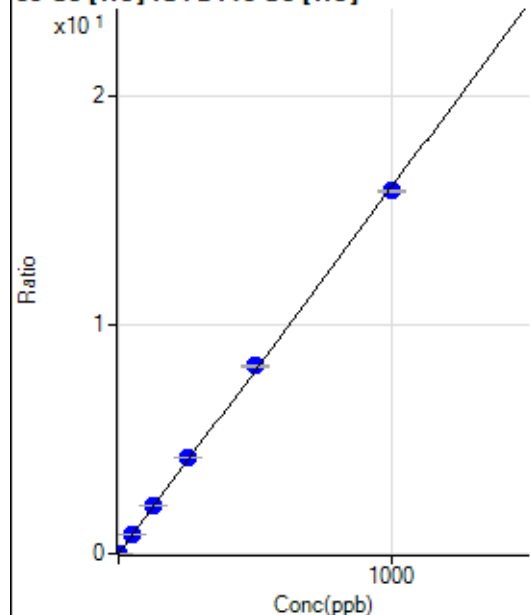
$$R = 0.9999$$

$$DL = 1.052$$

$$BEC = 4.402$$

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	40.00	0.0002	P	36.4
2	☐	1.000	1.032	2938.13	0.0168	P	2.7
3	☐	50.000	52.810	144202.12	0.8458	P	0.5
4	☐	125.000	130.425	336353.98	2.0885	P	0.1
5	☐	250.000	261.895	657633.41	4.1935	P	0.8
6	☐	500.000	512.578	1289121.83	8.2072	P	1.0
7	☐	1000.000	989.919	2535547.34	15.8500	P	0.6
8	☐			31118.71	0.1905	P	1.2

$$y = 0.0160 * x + 2.3056E-004$$

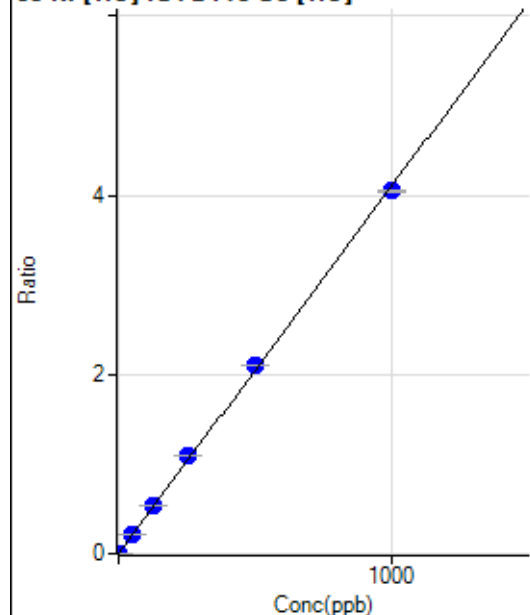
$$R = 0.9998$$

$$DL = 0.01573$$

$$BEC = 0.0144$$

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	52.22	0.0003	P	7.2
2	☐	1.000	1.106	847.82	0.0048	P	1.4
3	☐	50.000	53.906	37716.34	0.2212	P	0.6
4	☐	125.000	133.018	87844.38	0.5454	P	0.2
5	☐	250.000	266.837	171542.51	1.0939	P	0.7
6	☐	500.000	513.488	330586.01	2.1047	P	0.8
7	☐	1000.000	987.849	647682.44	4.0487	P	0.4
8	☐			17174.69	0.1051	P	1.3

$$y = 0.0041 * x + 3.0092E-004$$

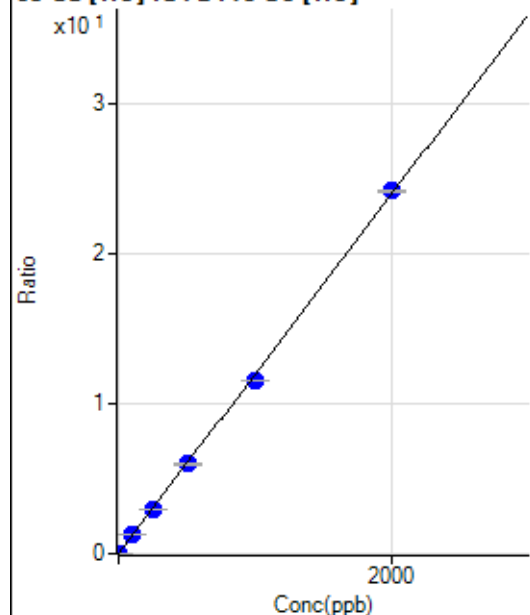
$$R = 0.9997$$

$$DL = 0.01584$$

$$BEC = 0.07343$$

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	374.46	0.0022	P	17.0
2	☐	2.000	1.985	4547.44	0.0259	P	4.4
3	☐	100.000	101.988	208605.65	1.2235	P	0.2
4	☐	250.000	250.191	482892.75	2.9984	P	0.2
5	☐	500.000	498.249	936099.81	5.9690	P	0.5
6	☐	1000.000	963.784	1813249.75	11.5441	P	0.7
7	☐	2000.000	2018.423	3867154.91	24.1742	P	0.7
8	☐			5313.27	0.0325	P	1.1

$$y = 0.0120 * x + 0.0022$$

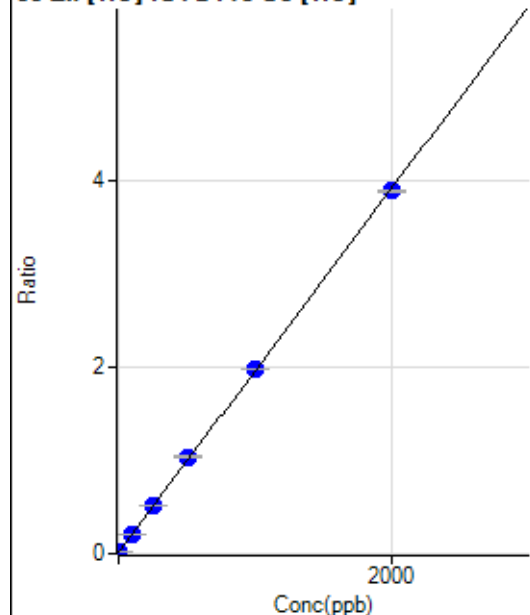
$$R = 0.9998$$

$$DL = 0.09196$$

$$BEC = 0.1801$$

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	2054.63	0.0118	P	2.7
2	☐	2.000	5.304	3890.58	0.0222	P	3.6
3	☐	100.000	103.706	36495.71	0.2141	P	0.6
4	☐	250.000	260.837	83818.88	0.5204	P	0.8
5	☐	500.000	526.309	162793.29	1.0381	P	1.0
6	☐	1000.000	1008.536	310747.68	1.9784	P	0.8
7	☐	2000.000	1987.612	621871.43	3.8874	P	0.8
8	☐			4677.49	0.0286	P	1.1

$$y = 0.0019 * x + 0.0118$$

$$R = 0.9999$$

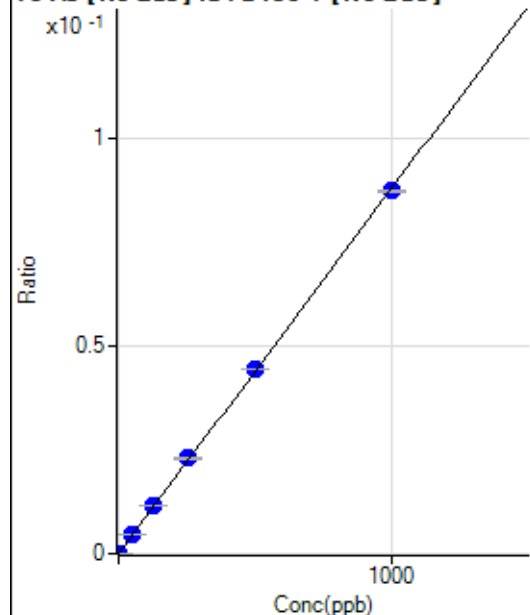
$$DL = 0.4907$$

$$BEC = 6.073$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-104.47	0.0000	P	-118.
2	☐	1.000	1.026	1325.69	0.0001	P	16.6
3	☐	50.000	54.133	75612.72	0.0048	P	1.9
4	☐	125.000	132.306	178755.19	0.0116	P	0.7
5	☐	250.000	260.905	337336.98	0.0230	P	0.6
6	☐	500.000	504.883	649415.49	0.0445	P	0.4
7	☐	1000.000	993.713	1301483.34	0.0875	P	0.4
8	☐			1685.74	0.0001	P	4.0

$$y = 8.8103\text{E-}005 * x - 6.5510\text{E-}006$$

$$R = 0.9999$$

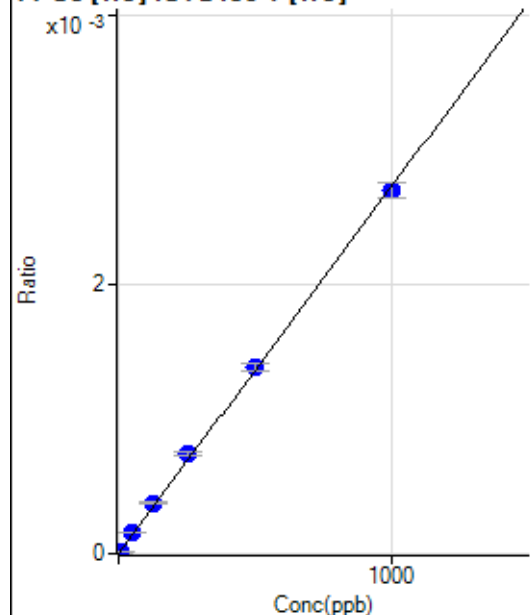
$$DL = 0.2637$$

$$BEC = -0.07436$$

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	2.22	0.0000	P	173.2
2	☐	5.000	4.540	30.00	0.0000	P	29.8
3	☐	50.000	57.267	344.46	0.0002	P	6.3
4	☐	125.000	136.465	782.26	0.0004	P	4.1
5	☐	250.000	272.252	1518.99	0.0007	P	5.1
6	☐	500.000	508.734	2841.44	0.0014	P	4.4
7	☐	1000.000	988.276	5546.71	0.0027	P	4.1
8	☐			2.22	0.0000	P	86.6

$$y = 2.7283\text{E-}006 * x + 1.0000\text{E-}006$$

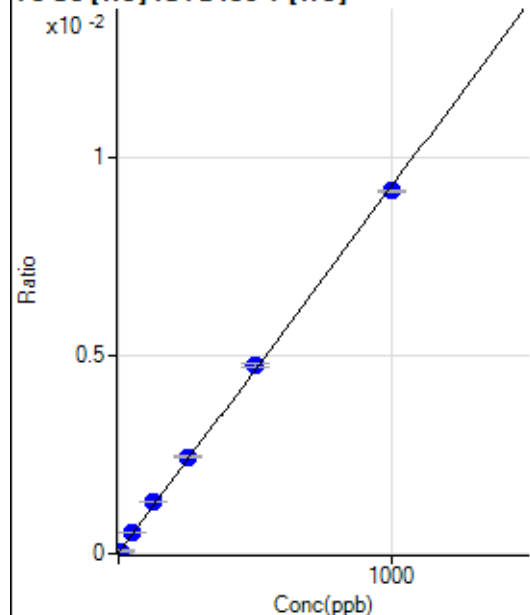
$$R = 0.9996$$

$$DL = 1.905$$

$$BEC = 0.3665$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	53.2
2	☐	5.000	5.104	150.62	0.0001	P	17.8
3	☐	50.000	55.274	1161.17	0.0005	P	2.5
4	☐	125.000	140.346	2755.84	0.0013	P	2.0
5	☐	250.000	262.626	4990.40	0.0024	P	2.8
6	☐	500.000	513.305	9729.26	0.0048	P	1.7
7	☐	1000.000	988.008	18791.85	0.0091	P	0.6
8	☐			44.45	0.0000	P	48.1

$$y = 9.2285\text{E-}006 * x + 2.0090\text{E-}005$$

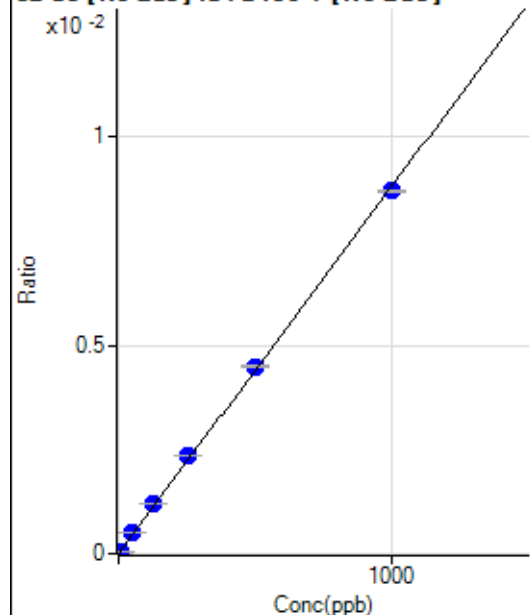
$$R = 0.9997$$

$$DL = 3.474$$

$$BEC = 2.177$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32.10	0.0000	P	97.5
2	☐	5.000	5.366	779.70	0.0000	P	4.4
3	☐	50.000	55.390	7777.04	0.0005	P	0.7
4	☐	125.000	137.009	18546.71	0.0012	P	0.3
5	☐	250.000	267.410	34603.10	0.0024	P	1.1
6	☐	500.000	510.134	65636.37	0.0045	P	0.7
7	☐	1000.000	988.808	129500.47	0.0087	P	0.4
8	☐			143.05	0.0000	P	22.6

$$y = 8.8074\text{E-}006 * x + 2.0268\text{E-}006$$

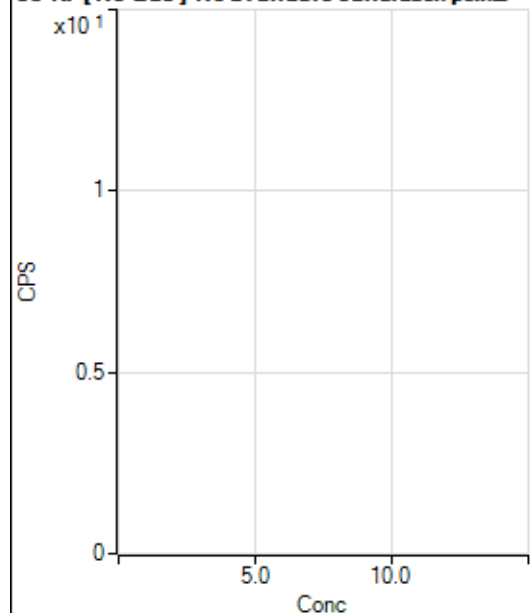
$$R = 0.9997$$

$$DL = 0.6733$$

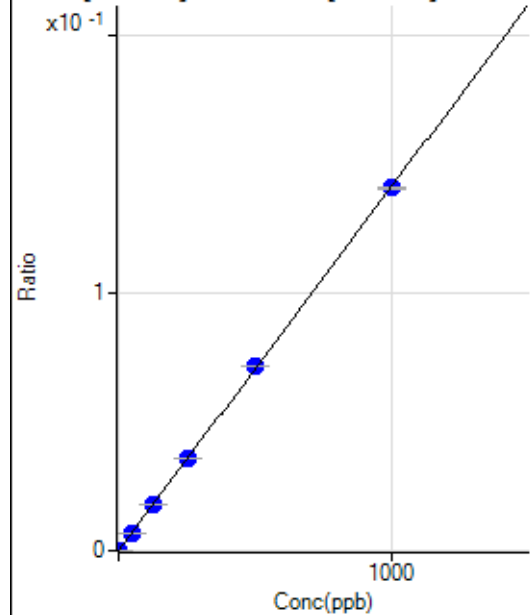
$$BEC = 0.2301$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			177.78		P	20.7
2	☐			191.11		P	6.1
3	☐			184.45		P	18.1
4	☐			174.45		P	6.1
5	☐			157.78		P	28.7
6	☐			155.56		P	4.5
7	☐			195.56		P	8.7
8	☐			191.11		P	13.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	266.68	0.0000	P	12.1
2	☐	1.000	0.916	2314.18	0.0001	P	3.4
3	☐	50.000	49.504	111326.94	0.0070	P	0.1
4	☐	125.000	124.948	271185.09	0.0177	P	0.2
5	☐	250.000	252.923	524925.34	0.0358	P	0.6
6	☐	500.000	505.233	1042772.04	0.0714	P	0.3
7	☐	1000.000	996.684	2094144.97	0.1409	P	0.3
8	☐			8836.38	0.0006	P	4.2

$$y = 1.4132E-004 * x + 1.6788E-005$$

$$R = 1.0000$$

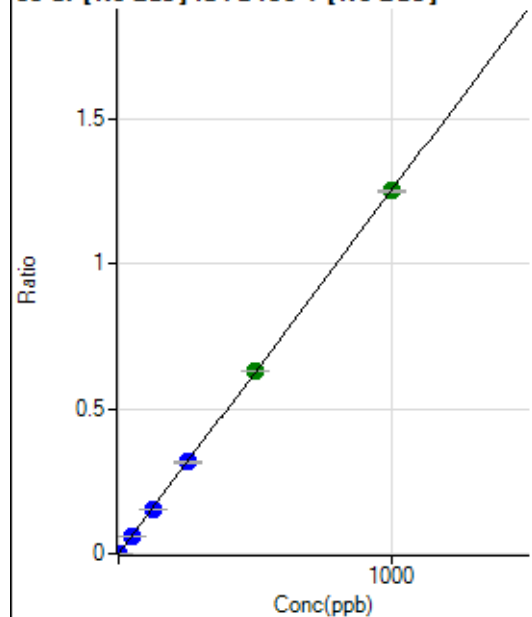
$$DL = 0.04312$$

$$BEC = 0.1188$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	46.4
2	☐	1.000	0.937	18637.75	0.0012	P	3.7
3	☐	50.000	49.218	978151.05	0.0616	P	0.3
4	☐	125.000	123.073	2363903.26	0.1541	P	0.3
5	☐	250.000	251.546	4622273.89	0.3149	P	0.1
6	☐	500.000	502.552	9185497.43	0.6291	A	0.3
7	☐	1000.000	998.617	18583622.99	1.2500	A	0.6
8	☐			74856.52	0.0050	P	0.4

$$y = 0.0013 * x + 5.6027E-006$$

$$R = 1.0000$$

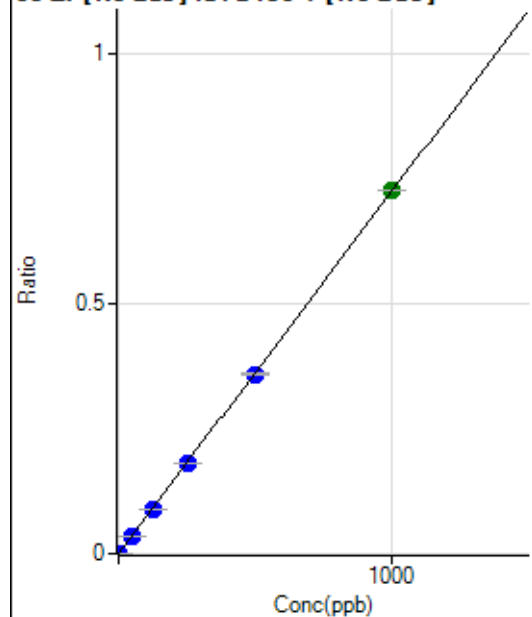
$$DL = 0.006227$$

$$BEC = 0.004476$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	605.59	0.0000	P	3.9
2	☐	1.000	0.802	9800.96	0.0006	P	1.4
3	☐	50.000	48.628	560140.50	0.0353	P	0.7
4	☐	125.000	122.103	1358489.50	0.0885	P	0.2
5	☐	250.000	248.496	2644476.86	0.1801	P	0.1
6	☐	500.000	496.700	5257254.98	0.3600	P	0.2
7	☐	1000.000	1002.457	10802173.07	0.7266	A	0.1
8	☐			3347.76	0.0002	P	8.9

$$y = 7.2478E-004 * x + 3.8140E-005$$

$$R = 1.0000$$

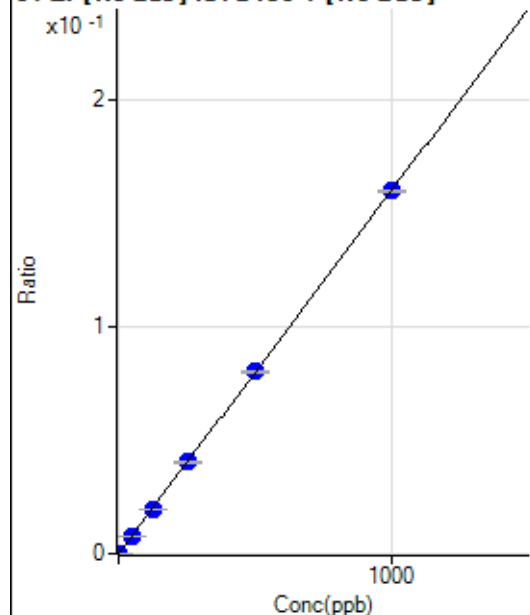
$$DL = 0.006124$$

$$BEC = 0.05262$$

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	119.45	0.0000	P	42.0
2	☐	1.000	0.757	2030.81	0.0001	P	9.0
3	☐	50.000	49.466	125510.28	0.0079	P	0.6
4	☐	125.000	124.070	304094.30	0.0198	P	0.5
5	☐	250.000	251.980	590740.50	0.0402	P	0.6
6	☐	500.000	500.755	1167621.39	0.0800	P	0.2
7	☐	1000.000	999.271	2372172.93	0.1596	P	0.4
8	☐			808.39	0.0001	P	11.6

$$y = 1.5967\text{E-}004 * x + 7.5246\text{E-}006$$

$$R = 1.0000$$

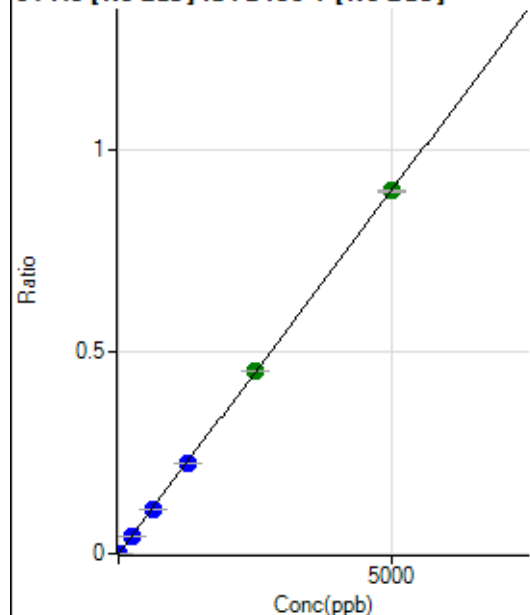
$$DL = 0.05941$$

$$BEC = 0.04713$$

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	244.46	0.0000	P	17.1
2	☐	5.000	4.452	12892.45	0.0008	P	1.4
3	☐	250.000	244.595	697611.87	0.0439	P	0.4
4	☐	625.000	616.299	1698501.58	0.1107	P	0.8
5	☐	1250.000	1246.694	3286937.42	0.2239	P	0.3
6	☐	2500.000	2513.858	6592453.27	0.4515	A	0.1
7	☐	5000.000	4995.256	13337336.32	0.8971	A	0.5
8	☐			9289.54	0.0006	P	6.3

$$y = 1.7959\text{E-}004 * x + 1.5387\text{E-}005$$

$$R = 1.0000$$

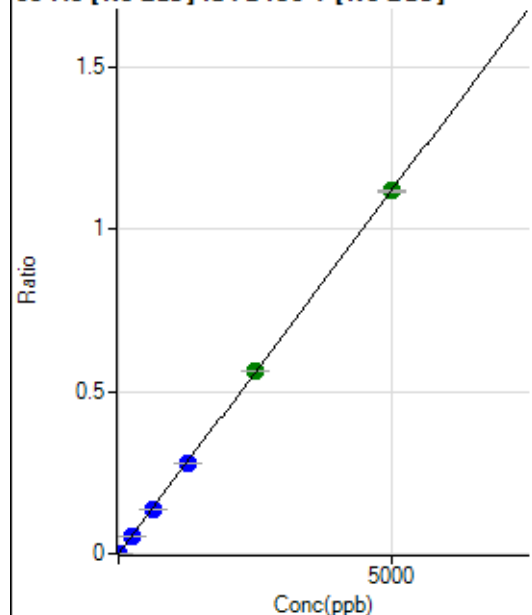
$$DL = 0.04387$$

$$BEC = 0.08568$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	11.7
2	☐	5.000	4.651	16540.81	0.0010	P	0.6
3	☐	250.000	244.112	866989.23	0.0546	P	0.4
4	☐	625.000	615.500	2112683.40	0.1377	P	0.5
5	☐	1250.000	1247.064	4095159.60	0.2790	P	0.4
6	☐	2500.000	2507.534	8190606.87	0.5609	A	0.0
7	☐	5000.000	4998.449	16623164.09	1.1181	A	0.4
8	☐			13776.68	0.0009	P	4.7

$$y = 2.2370\text{E-}004 * x + 5.0721\text{E-}006$$

$$R = 1.0000$$

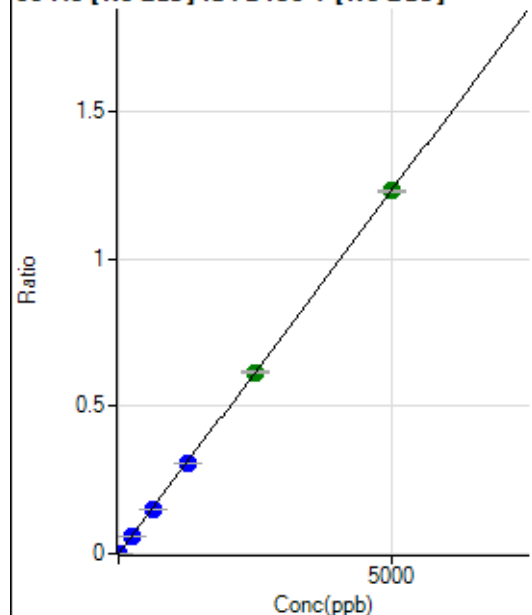
$$DL = 0.007977$$

$$BEC = 0.02267$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	11.2
2	☐	5.000	4.590	18006.51	0.0011	P	2.8
3	☐	250.000	247.117	966412.84	0.0609	P	0.2
4	☐	625.000	618.282	2336777.94	0.1523	P	0.8
5	☐	1250.000	1255.049	4538010.43	0.3091	P	0.4
6	☐	2500.000	2501.922	8998493.00	0.6162	A	0.4
7	☐	5000.000	4998.761	18304663.78	1.2312	A	0.3
8	☐			20751.95	0.0014	P	1.0

$$y = 2.4631\text{E-}004 * x + 7.5248\text{E-}006$$

$$R = 1.0000$$

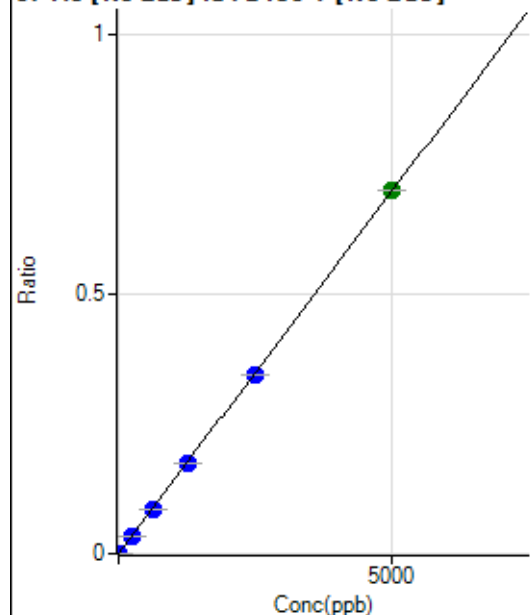
$$DL = 0.01024$$

$$BEC = 0.03055$$

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	33.33	0.0000	P	43.1
2	☐	5.000	4.634	10242.91	0.0006	P	3.2
3	☐	250.000	245.317	542304.74	0.0342	P	0.6
4	☐	625.000	613.881	1311565.77	0.0855	P	0.4
5	☐	1250.000	1248.132	2551237.97	0.1738	P	0.4
6	☐	2500.000	2478.321	5038868.04	0.3451	P	0.2
7	☐	5000.000	5012.931	10376938.69	0.6980	A	0.0
8	☐			8766.97	0.0006	P	4.1

$$y = 1.3924\text{E-}004 * x + 2.0978\text{E-}006$$

$$R = 1.0000$$

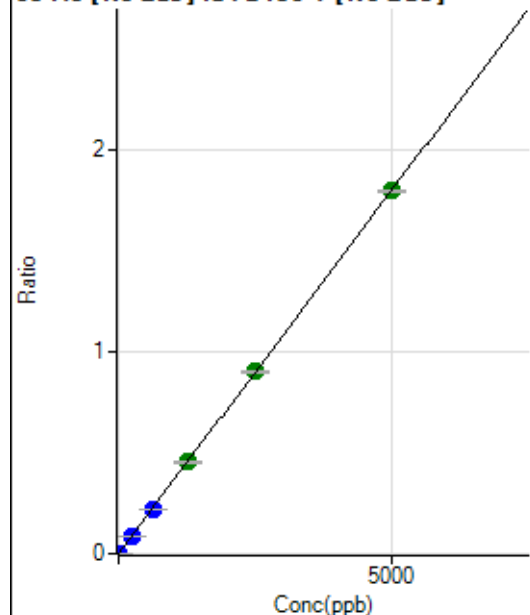
$$DL = 0.01946$$

$$BEC = 0.01507$$

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	105.56	0.0000	P	12.2
2	☐	5.000	4.682	26700.92	0.0017	P	1.6
3	☐	250.000	245.224	1397757.42	0.0880	P	0.2
4	☐	625.000	618.819	3408957.28	0.2222	P	0.1
5	☐	1250.000	1258.346	6631851.06	0.4518	A	0.3
6	☐	2500.000	2505.015	13132148.03	0.8993	A	0.6
7	☐	5000.000	4996.418	26667529.59	1.7938	A	0.2
8	☐			21650.42	0.0015	P	2.7

$$y = 3.5901\text{E-}004 * x + 6.6484\text{E-}006$$

$$R = 1.0000$$

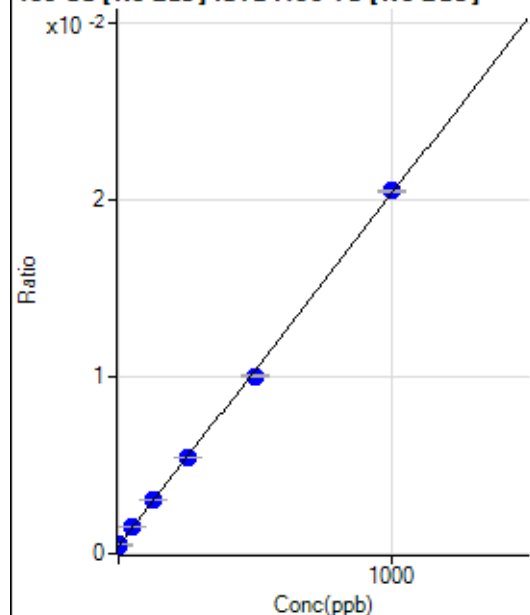
$$DL = 0.006773$$

$$BEC = 0.01852$$

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	4673.18	0.0004	P	1.5
2	☐	1.000	2.514	5148.40	0.0005	P	0.1
3	☐	50.000	55.234	16218.33	0.0015	P	2.3
4	☐	125.000	129.897	31864.64	0.0030	P	0.7
5	☐	250.000	250.201	56131.81	0.0054	P	0.9
6	☐	500.000	481.306	104766.47	0.0100	P	1.5
7	☐	1000.000	1008.422	218715.70	0.0205	P	0.9
8	☐			4981.69	0.0005	P	5.2

$$y = 1.9906\text{E-}005 * x + 4.4512\text{E-}004$$

$$R = 0.9997$$

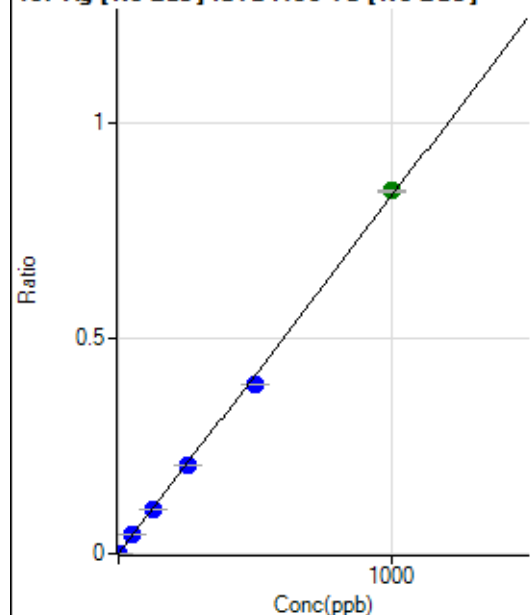
$$DL = 0.9785$$

$$BEC = 22.36$$

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	105.56	0.0000	P	4.1
2	☐	1.000	1.005	8794.72	0.0008	P	1.0
3	☐	50.000	51.958	453666.65	0.0432	P	0.3
4	☐	125.000	125.100	1093691.04	0.1040	P	0.4
5	☐	250.000	245.668	2113326.91	0.2043	P	0.1
6	☐	500.000	472.522	4105755.30	0.3929	P	0.5
7	☐	1000.000	1014.711	8993875.81	0.8437	A	0.2
8	☐			902.85	0.0001	P	18.3

$$y = 8.3148\text{E-}004 * x + 1.0054\text{E-}005$$

$$R = 0.9994$$

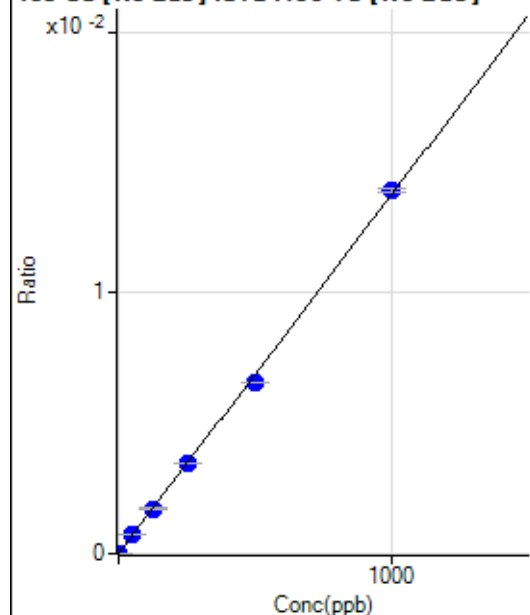
$$DL = 0.001498$$

$$BEC = 0.01209$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.3
2	☐	1.000	0.991	155.56	0.0000	P	10.4
3	☐	50.000	53.225	7702.25	0.0007	P	2.0
4	☐	125.000	125.396	18153.55	0.0017	P	1.6
5	☐	250.000	250.340	35649.23	0.0034	P	0.5
6	☐	500.000	477.978	68740.93	0.0066	P	0.2
7	☐	1000.000	1010.715	148257.56	0.0139	P	1.1
8	☐			45.83	0.0000	P	33.4

$$y = 1.3760\text{E-}005 * x + 1.3217\text{E-}006$$

$$R = 0.9996$$

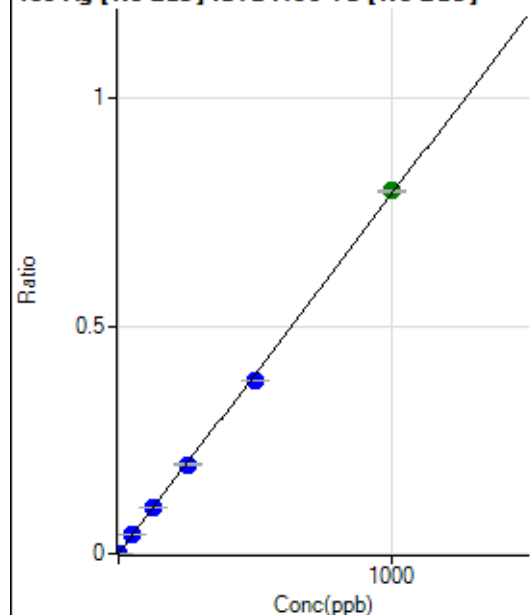
$$DL = 0.09893$$

$$BEC = 0.09605$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.3
2	☐	1.000	1.058	8716.96	0.0008	P	3.9
3	☐	50.000	52.749	437417.60	0.0417	P	0.3
4	☐	125.000	126.269	1048504.18	0.0997	P	0.5
5	☐	250.000	248.728	2032275.78	0.1964	P	0.4
6	☐	500.000	480.882	3968899.78	0.3798	P	0.6
7	☐	1000.000	1009.581	8499718.51	0.7974	A	0.4
8	☐			788.95	0.0001	P	30.1

$$y = 7.8981\text{E-}004 * x + 2.3806\text{E-}006$$

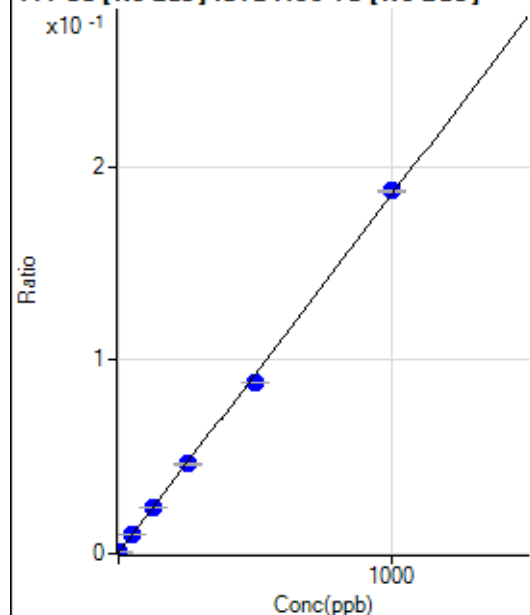
$$R = 0.9997$$

$$DL = 0.003012$$

$$BEC = 0.003014$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3282.34	0.0003	P	1.6
2	☐	1.000	1.126	5418.77	0.0005	P	3.3
3	☐	50.000	52.476	105295.91	0.0100	P	0.2
4	☐	125.000	126.674	249888.70	0.0238	P	0.6
5	☐	250.000	248.239	478756.83	0.0463	P	0.2
6	☐	500.000	477.017	926267.01	0.0886	P	0.7
7	☐	1000.000	1011.599	1999981.25	0.1876	P	0.8
8	☐			3820.39	0.0004	P	4.9

$$y = 1.8517\text{E-}004 * x + 3.1265\text{E-}004$$

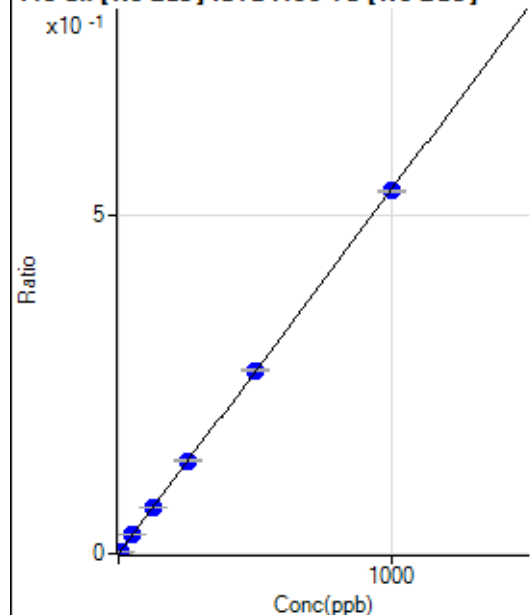
$$R = 0.9996$$

$$DL = 0.08079$$

$$BEC = 1.688$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	758.39	0.0001	P	15.0
2	☐	5.000	5.151	29584.91	0.0028	P	0.8
3	☐	50.000	52.278	296242.42	0.0282	P	1.0
4	☐	125.000	128.154	726150.79	0.0691	P	0.4
5	☐	250.000	255.949	1426321.40	0.1379	P	0.2
6	☐	500.000	503.592	2834040.86	0.2712	P	0.7
7	☐	1000.000	996.208	5717926.69	0.5364	P	0.8
8	☐			3033.79	0.0003	P	5.9

$$y = 5.3839\text{E-}004 * x + 7.2250\text{E-}005$$

$$R = 1.0000$$

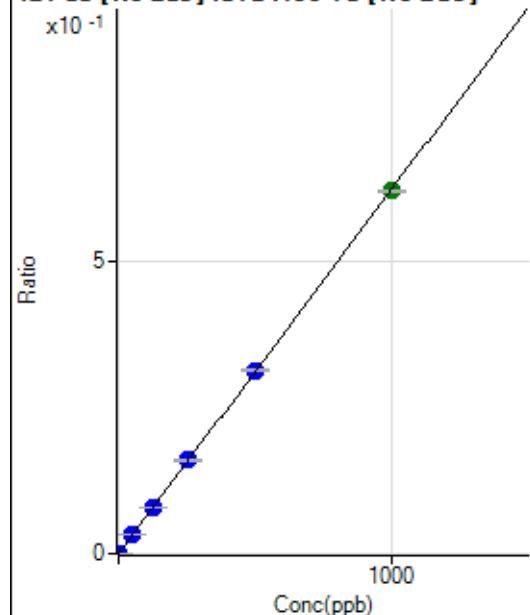
$$DL = 0.06059$$

$$BEC = 0.1342$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0000	P	26.2
2	☐	2.000	1.940	12745.19	0.0012	P	0.6
3	☐	50.000	52.114	340310.00	0.0324	P	0.5
4	☐	125.000	128.474	839806.79	0.0799	P	0.5
5	☐	250.000	256.371	1648800.37	0.1594	P	0.8
6	☐	500.000	503.319	3269669.06	0.3129	P	0.5
7	☐	1000.000	996.208	6601213.30	0.6193	A	0.5
8	☐			10067.90	0.0010	P	5.0

$$y = 6.2162\text{E-}004 * x + 2.0089\text{E-}005$$

$$R = 1.0000$$

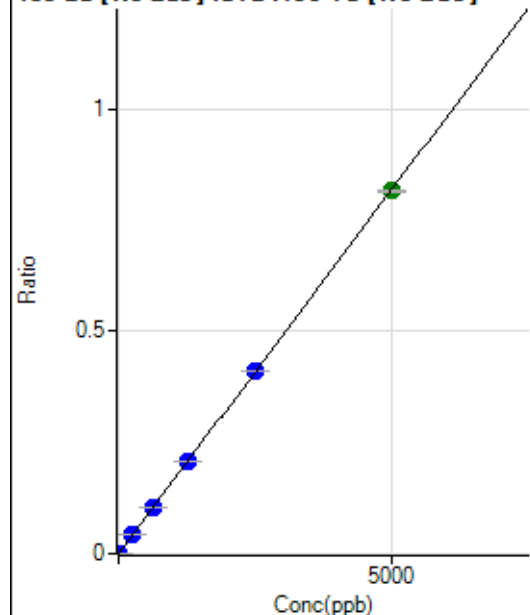
$$DL = 0.02538$$

$$BEC = 0.03232$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	44.4
2	☐	10.000	10.029	17116.73	0.0016	P	3.5
3	☐	250.000	256.933	441594.79	0.0421	P	0.3
4	☐	625.000	634.690	1092292.23	0.1039	P	0.3
5	☐	1250.000	1272.633	2155094.28	0.2083	P	0.1
6	☐	2500.000	2512.961	4298569.75	0.4113	P	0.6
7	☐	5000.000	4986.303	8700288.82	0.8162	A	0.6
8	☐			1408.47	0.0001	P	20.0

$$y = 1.6369\text{E-}004 * x + 4.7673\text{E-}006$$

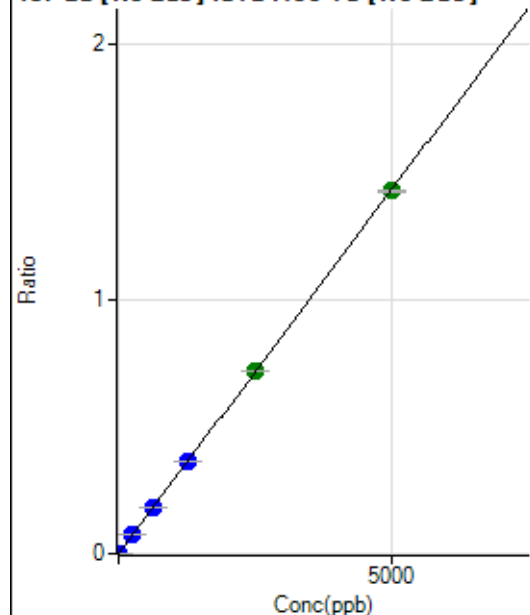
$$R = 1.0000$$

$$DL = 0.03876$$

$$BEC = 0.02912$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	29.6
2	☐	10.000	10.007	29838.57	0.0029	P	2.3
3	☐	250.000	256.559	770778.51	0.0734	P	0.6
4	☐	625.000	631.924	1901025.91	0.1808	P	0.4
5	☐	1250.000	1268.293	3754287.24	0.3629	P	0.3
6	☐	2500.000	2517.041	7526107.98	0.7202	A	0.4
7	☐	5000.000	4985.713	15206734.54	1.4266	A	0.3
8	☐			2333.65	0.0002	P	10.5

$$y = 2.8613E-004 * x + 6.6080E-006$$

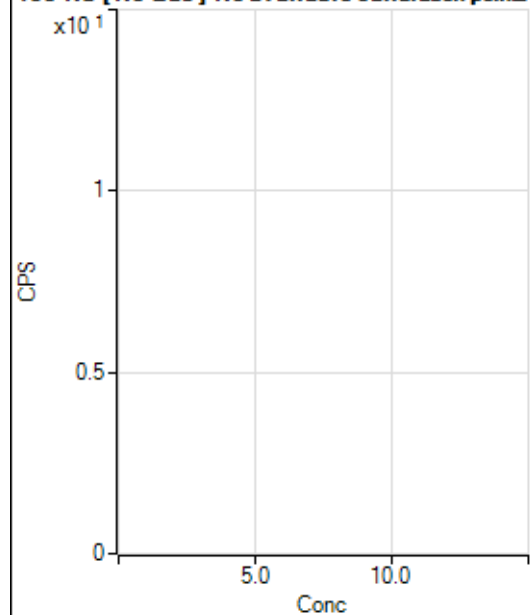
$$R = 1.0000$$

$$DL = 0.0205$$

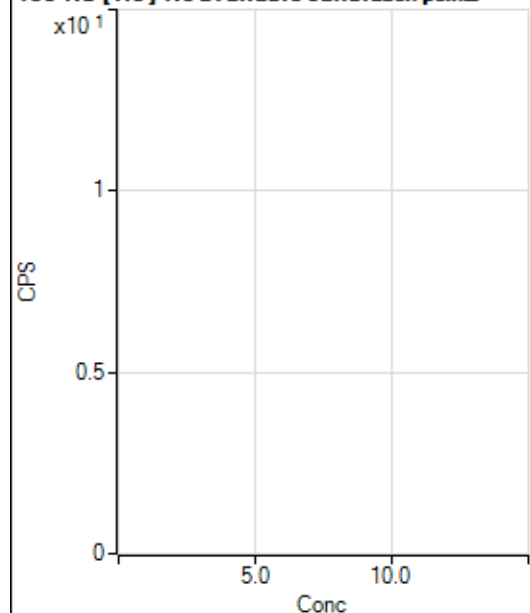
$$BEC = 0.02309$$

Weight: <None>

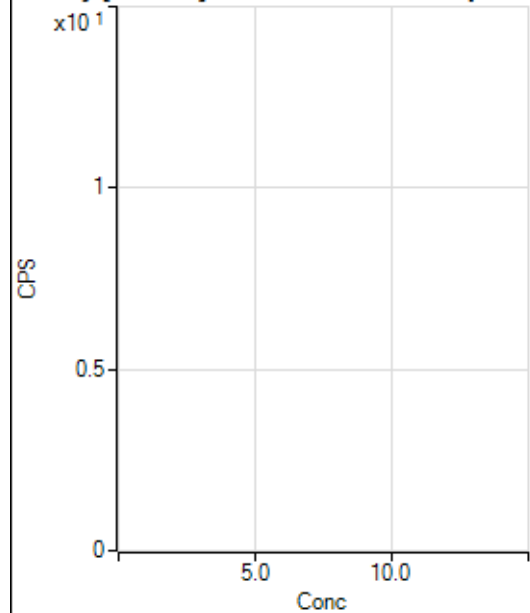
Min Conc: 0

150 Nd [No Gas] No available calibration points

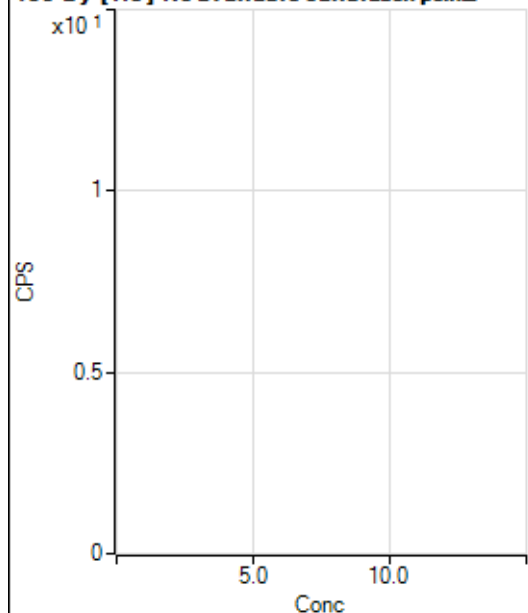
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			0.00		P	
3	☐			42.23		P	32.9
4	☐			128.90		P	20.9
5	☐			175.56		P	19.5
6	☐			373.35		P	9.4
7	☐			706.71		P	7.5
8	☐			86.67		P	20.4

150 Nd [He] No available calibration points

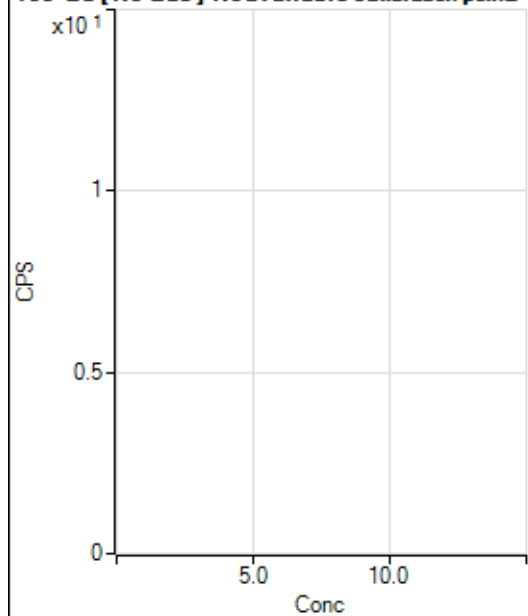
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			3.33		P	100.1
3	☐			6.67		P	50.0
4	☐			20.00		P	16.7
5	☐			21.11		P	32.9
6	☐			37.78		P	25.5
7	☐			76.67		P	11.5
8	☐			25.55		P	27.1

156 Dy [No Gas] No available calibration points

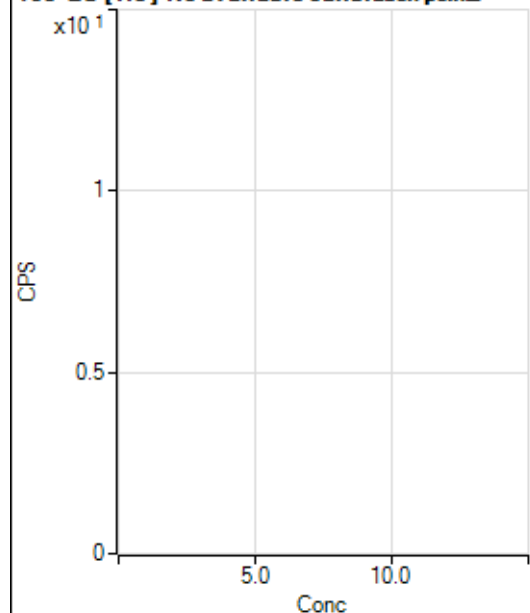
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐			11.11		P	43.3
3	☐			11.11		P	114.6
4	☐			27.78		P	121.3
5	☐			55.56		P	8.7
6	☐			80.56		P	11.9
7	☐			119.45		P	24.5
8	☐			41.67		P	0.0

156 Dy [He] No available calibration points

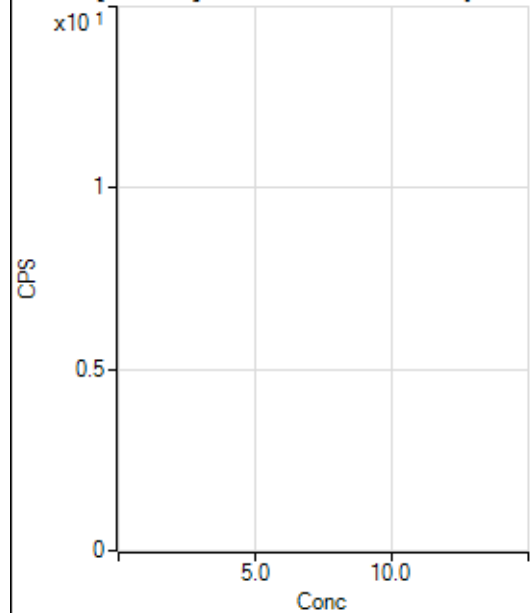
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			11.11		P	45.8
3	☐			16.67		P	20.0
4	☐			33.33		P	20.0
5	☐			54.44		P	25.5
6	☐			90.00		P	13.4
7	☐			174.45		P	2.9
8	☐			24.44		P	61.5

160 Gd [No Gas] Noavailable calibration poin_

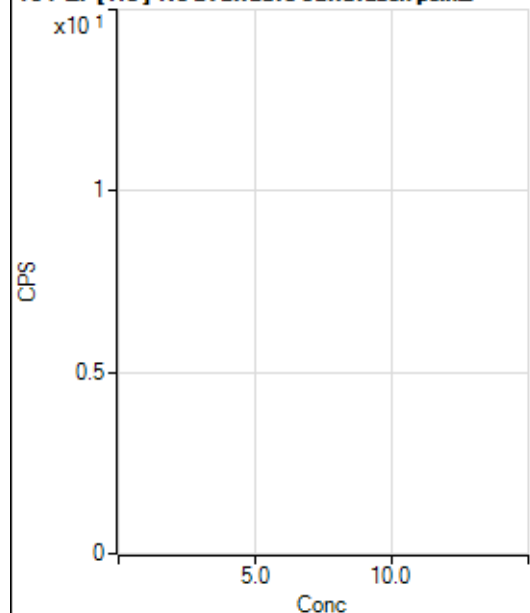
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	66.1
2	☐			27.78		P	105.4
3	☐			47.22		P	44.4
4	☐			44.44		P	60.3
5	☐			38.89		P	53.9
6	☐			44.45		P	57.3
7	☐			47.23		P	56.7
8	☐			44.45		P	39.0

160 Gd [He] No available calibration points

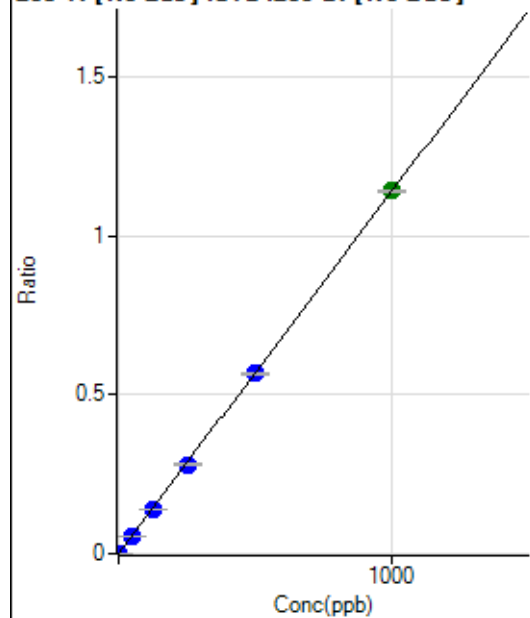
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			165.56		P	10.3
2	☐			174.45		P	21.0
3	☐			156.67		P	2.1
4	☐			166.67		P	14.0
5	☐			167.78		P	8.3
6	☐			178.89		P	15.8
7	☐			194.45		P	6.9
8	☐			180.00		P	22.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	44.1
2	☐			44.44		P	43.3
3	☐			36.11		P	35.2
4	☐			25.00		P	66.7
5	☐			58.34		P	28.6
6	☐			47.22		P	83.4
7	☐			61.12		P	7.9
8	☐			44.45		P	65.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	20.4
2	☐			37.78		P	36.7
3	☐			31.11		P	34.4
4	☐			45.56		P	18.4
5	☐			31.11		P	32.7
6	☐			33.33		P	10.0
7	☐			35.56		P	14.3
8	☐			40.00		P	16.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	436.14	0.0001	P	41.7
2	☐	1.000	0.893	7352.38	0.0011	P	2.1
3	☐	50.000	47.964	376525.83	0.0547	P	0.5
4	☐	125.000	120.154	948192.34	0.1370	P	0.5
5	☐	250.000	246.932	1925136.00	0.2814	P	0.4
6	☐	500.000	497.383	3864265.15	0.5668	P	0.6
7	☐	1000.000	1002.783	7770962.59	1.1426	A	0.8
8	☐			2197.51	0.0004	P	6.2

$$y = 0.0011 * x + 6.3726E-005$$

$$R = 1.0000$$

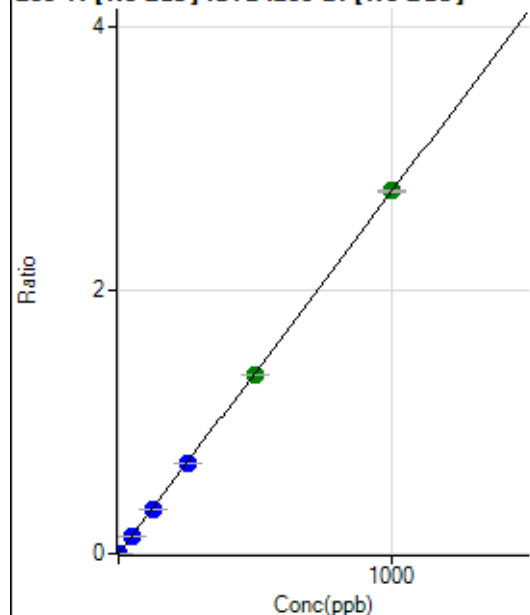
$$DL = 0.06993$$

$$BEC = 0.05593$$

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	691.72	0.0001	P	13.2
2	☐	1.000	0.897	17453.79	0.0026	P	0.7
3	☐	50.000	48.011	909200.75	0.1321	P	0.5
4	☐	125.000	120.589	2296275.38	0.3317	P	0.1
5	☐	250.000	248.923	4683251.54	0.6846	P	0.5
6	☐	500.000	495.722	9294702.55	1.3632	A	0.3
7	☐	1000.000	1003.059	18759077.15	2.7583	A	0.6
8	☐			5156.80	0.0008	P	14.0

$$y = 0.0027 * x + 1.0108E-004$$

$$R = 1.0000$$

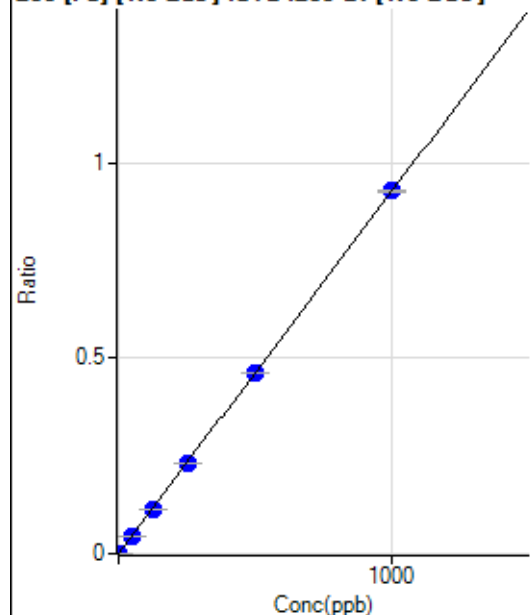
$$DL = 0.01457$$

$$BEC = 0.03676$$

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	525.95	0.0001	P	2.2
2	☐	1.000	0.936	6409.16	0.0009	P	3.6
3	☐	50.000	48.072	306758.91	0.0446	P	0.6
4	☐	125.000	121.050	776223.83	0.1121	P	0.7
5	☐	250.000	249.518	1580561.61	0.2310	P	0.4
6	☐	500.000	497.000	3137202.79	0.4601	P	0.1
7	☐	1000.000	1002.211	6309681.28	0.9278	P	0.2
8	☐			3732.11	0.0006	P	3.7

$$y = 9.2565E-004 * x + 7.6867E-005$$

$$R = 1.0000$$

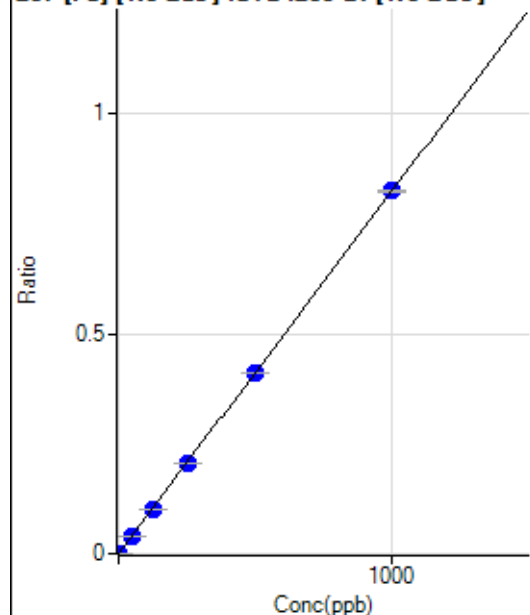
$$DL = 0.005387$$

$$BEC = 0.08304$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	444.47	0.0001	P	5.8
2	☐	1.000	0.920	5580.96	0.0008	P	2.9
3	☐	50.000	48.178	273039.84	0.0397	P	1.1
4	☐	125.000	121.268	690682.63	0.0998	P	0.4
5	☐	250.000	248.791	1399782.35	0.2046	P	0.6
6	☐	500.000	497.634	2790059.44	0.4092	P	0.1
7	☐	1000.000	1002.043	5603444.63	0.8239	P	0.2
8	☐			3080.08	0.0005	P	4.6

$$y = 8.2218\text{E-}004 * x + 6.4960\text{E-}005$$

$$R = 1.0000$$

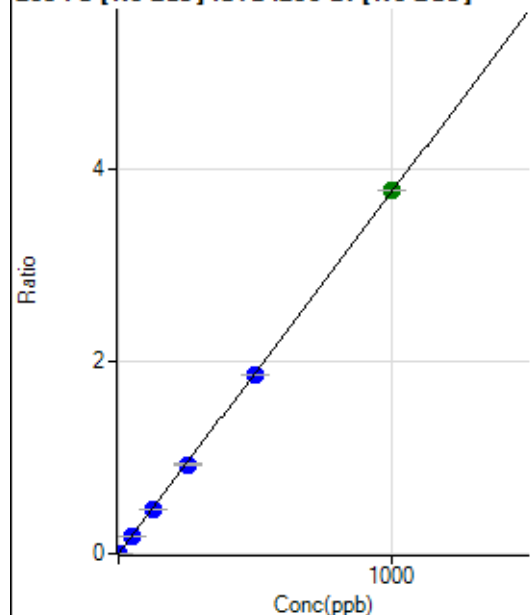
$$DL = 0.0138$$

$$BEC = 0.07901$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1783.43	0.0003	P	2.2
2	☐	1.000	0.923	25371.24	0.0037	P	0.6
3	☐	50.000	47.803	1239146.73	0.1801	P	0.3
4	☐	125.000	120.308	3134437.24	0.4528	P	0.5
5	☐	250.000	247.238	6363416.66	0.9302	P	0.4
6	☐	500.000	495.621	12711918.22	1.8644	P	0.1
7	☐	1000.000	1003.576	25673180.26	3.7750	A	0.1
8	☐			14457.19	0.0024	P	3.8

$$y = 0.0038 * x + 2.6065\text{E-}004$$

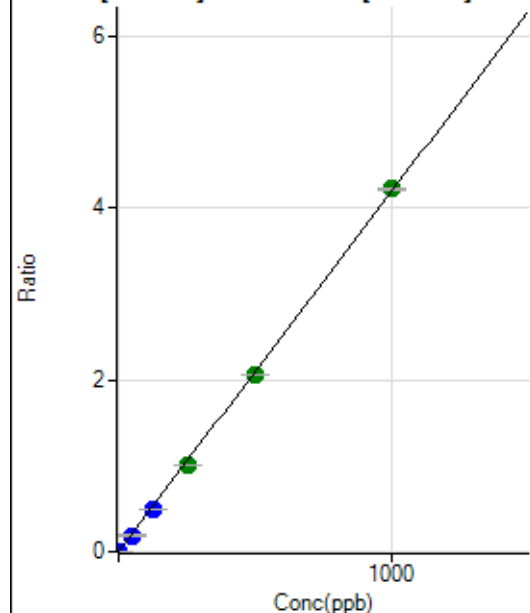
$$R = 1.0000$$

$$DL = 0.004633$$

$$BEC = 0.0693$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1281.58	0.0002	P	10.8
2	☐	1.000	0.721	21813.04	0.0032	P	1.4
3	☐	50.000	45.297	1307902.48	0.1901	P	0.2
4	☐	125.000	116.479	3381317.09	0.4884	P	0.2
5	☐	250.000	242.088	6943194.37	1.0149	A	0.4
6	☐	500.000	492.171	14067282.37	2.0632	A	0.3
7	☐	1000.000	1007.193	28713362.22	4.2220	A	0.2
8	☐			6776.07	0.0011	P	10.4

$$y = 0.0042 * x + 1.8732E-004$$

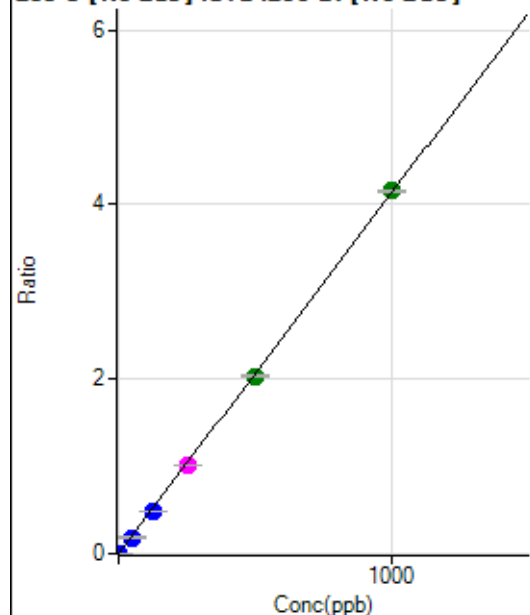
$$R = 0.9999$$

$$DL = 0.01451$$

$$BEC = 0.04469$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1361.25	0.0002	P	6.6
2	☐	1.000	0.833	24743.78	0.0036	P	0.7
3	☐	50.000	45.210	1286226.08	0.1869	P	0.4
4	☐	125.000	116.218	3324036.53	0.4802	P	0.4
5	☐	250.000	243.200	6872245.12	1.0046	M	0.3
6	☐	500.000	492.950	13881515.41	2.0360	A	0.7
7	☐	1000.000	1006.562	28272264.17	4.1571	A	0.6
8	☐			3950.79	0.0006	P	9.3

$$y = 0.0041 * x + 1.9895E-004$$

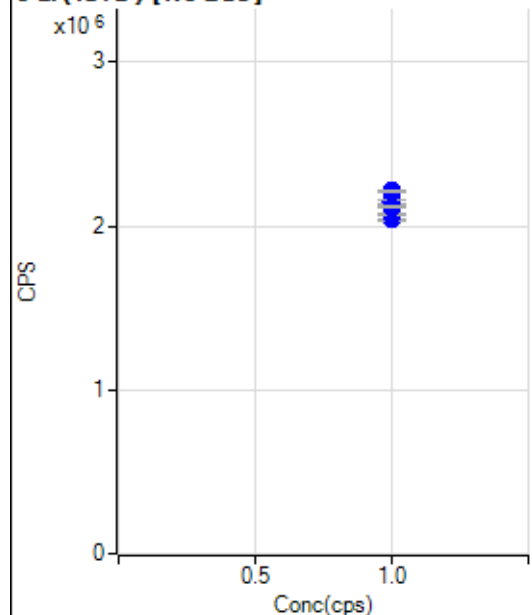
$$R = 0.9999$$

$$DL = 0.009538$$

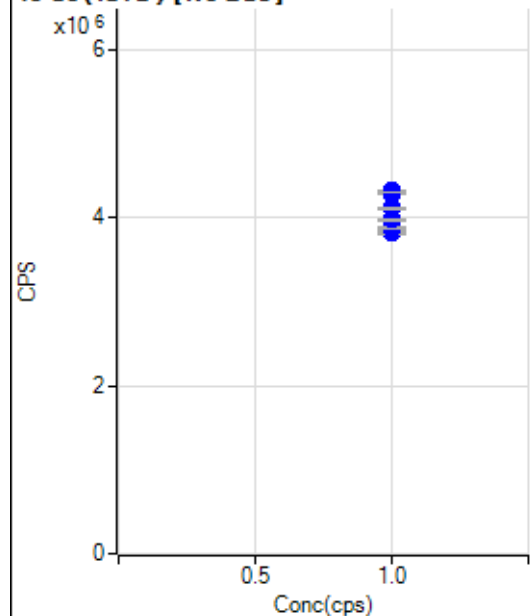
$$BEC = 0.04817$$

Weight: <None>

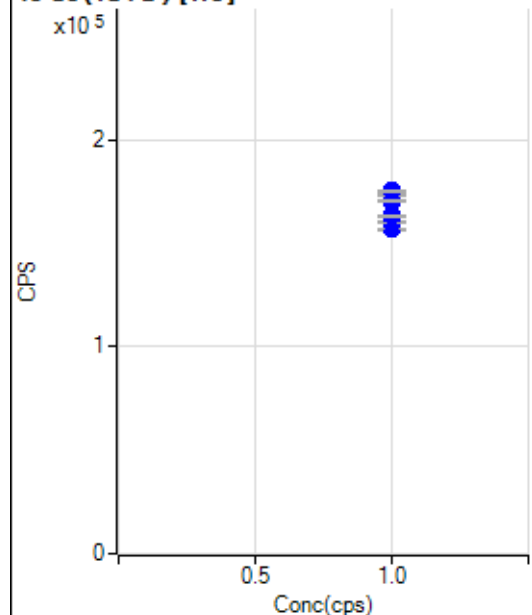
Min Conc: 0

6 Li (ISTD) [No Gas]

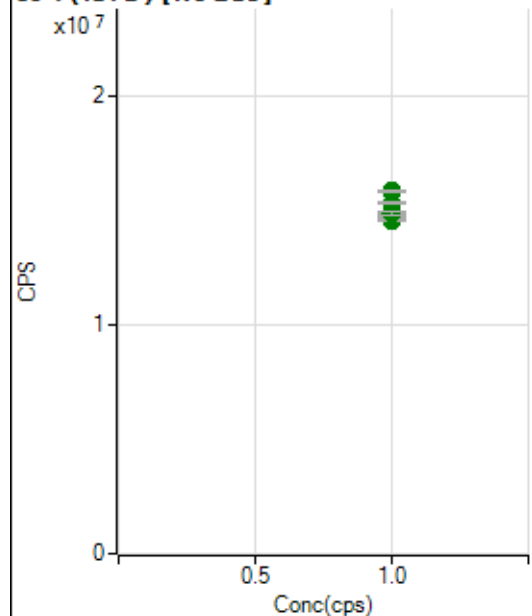
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2210683.81		P	0.4
2	☐	1.000		2207832.22		P	0.0
3	☐	1.000		2214024.53		P	0.4
4	☐	1.000		2145451.07		P	0.8
5	☐	1.000		2040857.48		P	0.3
6	☐	1.000		2036265.09		P	0.3
7	☐	1.000		2070949.61		P	0.7
8	☐	1.000		2118048.55		P	0.3

45 Sc (ISTD) [No Gas]

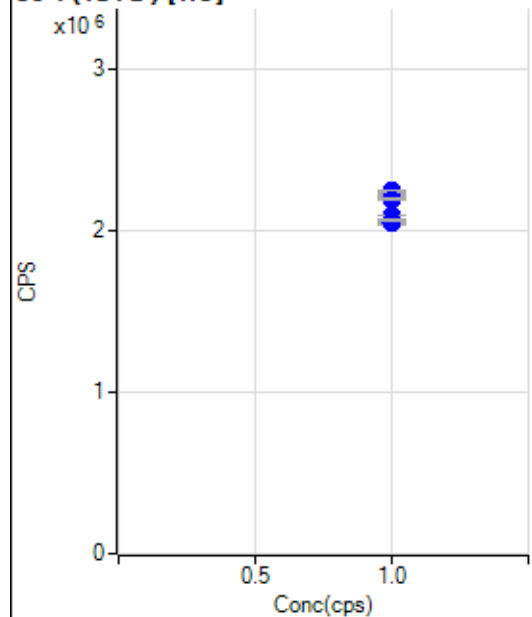
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4284510.90		P	0.5
2	☐	1.000		4316362.99		P	0.6
3	☐	1.000		4300377.62		P	0.4
4	☐	1.000		4106952.87		P	0.7
5	☐	1.000		3840499.57		P	0.3
6	☐	1.000		3810053.21		P	0.3
7	☐	1.000		3875704.99		P	0.4
8	☐	1.000		3976578.95		P	0.7

45 Sc (ISTD) [He]

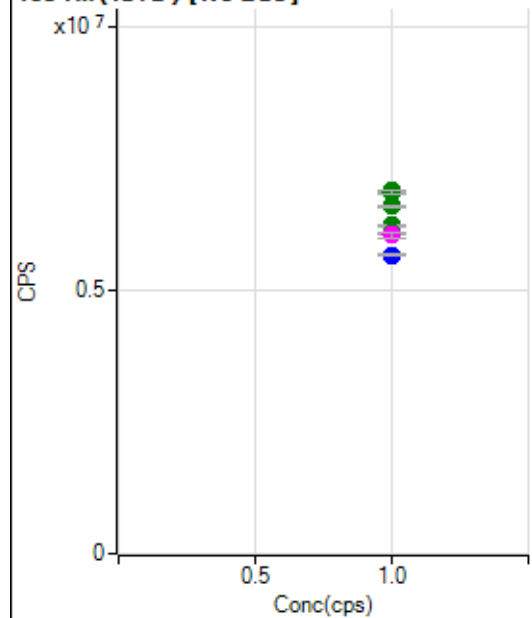
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		173530.21		P	0.2
2	☐	1.000		175391.78		P	0.7
3	☐	1.000		170495.70		P	0.6
4	☐	1.000		161051.97		P	0.3
5	☐	1.000		156828.46		P	0.7
6	☐	1.000		157072.90		P	0.3
7	☐	1.000		159973.55		P	0.4
8	☐	1.000		163371.52		P	0.4

89 Y (ISTD) [No Gas]

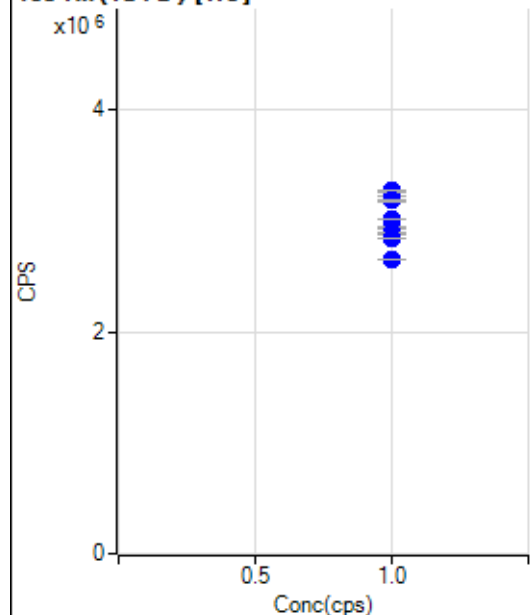
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15879906.57		A	0.5
2	☐	1.000		15821383.38		A	0.4
3	☐	1.000		15875552.54		A	0.2
4	☐	1.000		15343987.55		A	0.7
5	☐	1.000		14679806.59		A	0.3
6	☐	1.000		14601874.09		A	0.4
7	☐	1.000		14866685.05		A	0.7
8	☐	1.000		14885722.00		A	0.9

89 Y(ISTD) [He]

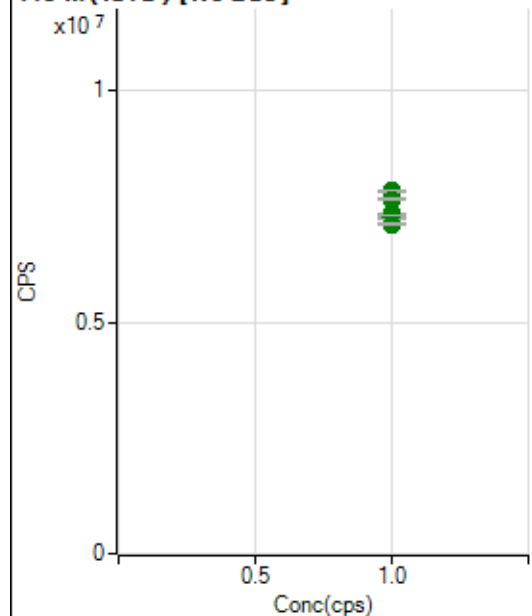
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2213082.22		P	0.5
2	☐	1.000		2242881.39		P	0.4
3	☐	1.000		2190174.76		P	0.6
4	☐	1.000		2095319.90		P	0.2
5	☐	1.000		2042145.92		P	0.2
6	☐	1.000		2045364.94		P	0.7
7	☐	1.000		2056481.53		P	0.2
8	☐	1.000		2061572.85		P	0.3

103 Rh(ISTD) [No Gas]

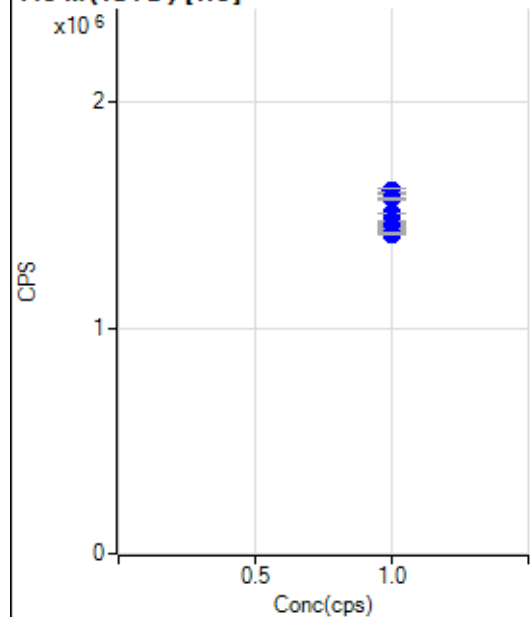
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6895956.84		A	0.6
2	☐	1.000		6884390.78		A	0.4
3	☐	1.000		6868740.43		A	0.8
4	☐	1.000		6604019.38		A	0.9
5	☐	1.000		6233541.59		A	0.4
6	☐	1.000		6087305.52		A	0.3
7	☐	1.000		6052666.33		M	1.8
8	☐	1.000		5679617.58		P	1.0

103 Rh (ISTD) [He]

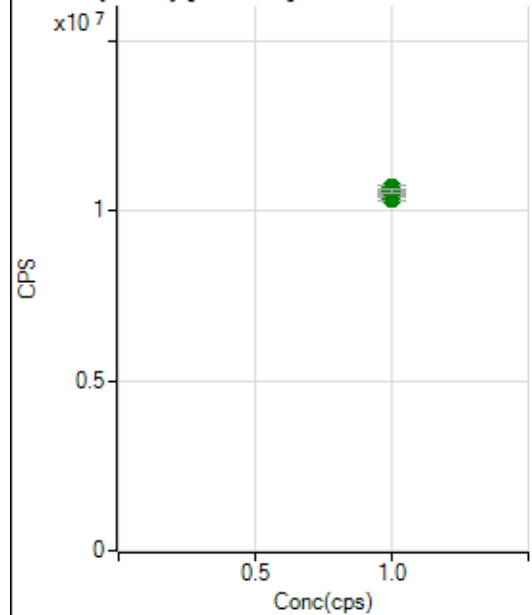
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3224874.95		P	0.2
2	☐	1.000		3273157.38		P	0.7
3	☐	1.000		3185879.53		P	0.2
4	☐	1.000		3015832.77		P	0.2
5	☐	1.000		2939387.18		P	0.7
6	☐	1.000		2889699.64		P	0.5
7	☐	1.000		2849760.31		P	0.1
8	☐	1.000		2654657.64		P	0.5

115 In (ISTD) [No Gas]

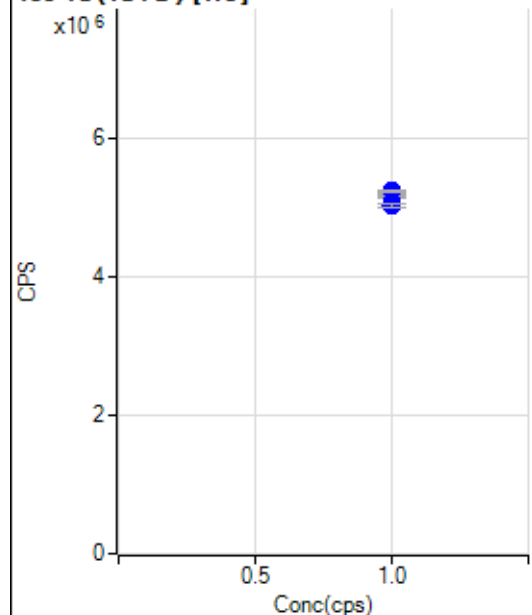
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7832260.62		A	0.7
2	☐	1.000		7802399.97		A	0.3
3	☐	1.000		7808661.67		A	0.6
4	☐	1.000		7644919.44		A	0.5
5	☐	1.000		7330203.57		A	0.9
6	☐	1.000		7253369.79		A	0.7
7	☐	1.000		7263368.65		A	0.8
8	☐	1.000		7111814.59		A	0.9

115 In (ISTD) [He]

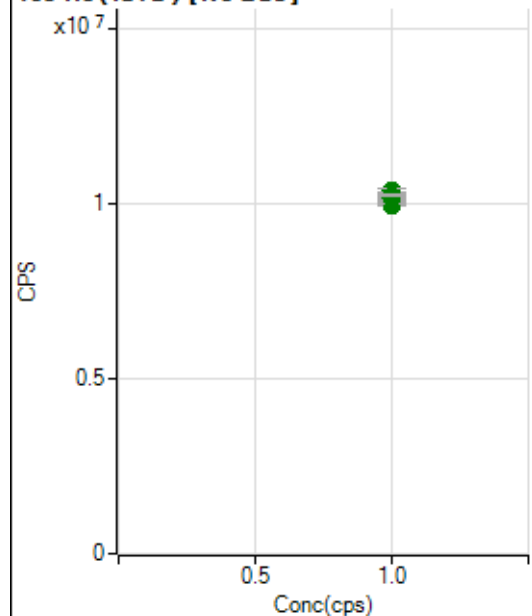
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1592277.38		P	0.4
2	☐	1.000		1606577.34		P	1.0
3	☐	1.000		1571324.24		P	0.4
4	☐	1.000		1507235.95		P	0.1
5	☐	1.000		1471276.41		P	0.4
6	☐	1.000		1451414.39		P	0.2
7	☐	1.000		1435588.86		P	0.3
8	☐	1.000		1415790.59		P	0.5

159 Tb (ISTD) [No Gas]

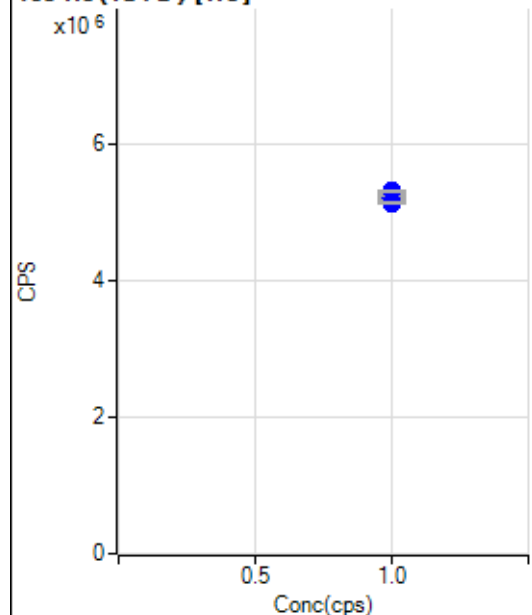
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10498215.82		A	0.7
2	☐	1.000		10397196.93		A	0.4
3	☐	1.000		10498712.76		A	0.7
4	☐	1.000		10513313.39		A	0.4
5	☐	1.000		10345221.37		A	0.8
6	☐	1.000		10449884.36		A	0.5
7	☐	1.000		10659852.20		A	1.0
8	☐	1.000		10554028.73		A	1.0

159 Tb (ISTD) [He]

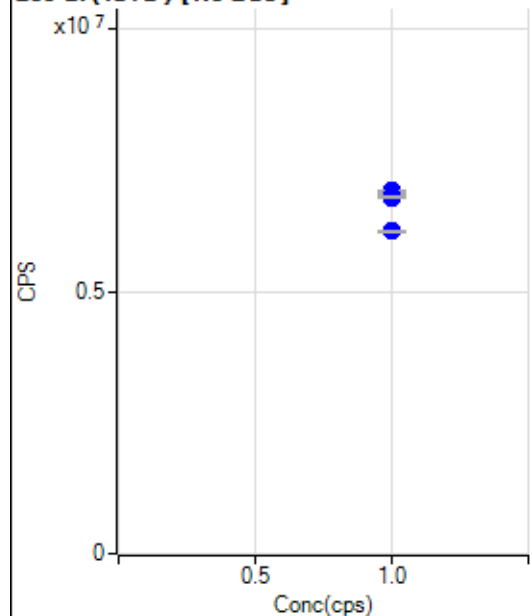
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5197067.70		P	0.3
2	☐	1.000		5220780.86		P	0.7
3	☐	1.000		5231320.06		P	0.0
4	☐	1.000		5155364.96		P	0.5
5	☐	1.000		5125391.21		P	0.3
6	☐	1.000		5168378.39		P	0.3
7	☐	1.000		5230370.41		P	0.4
8	☐	1.000		5022504.30		P	0.7

165 Ho (ISTD) [No Gas]

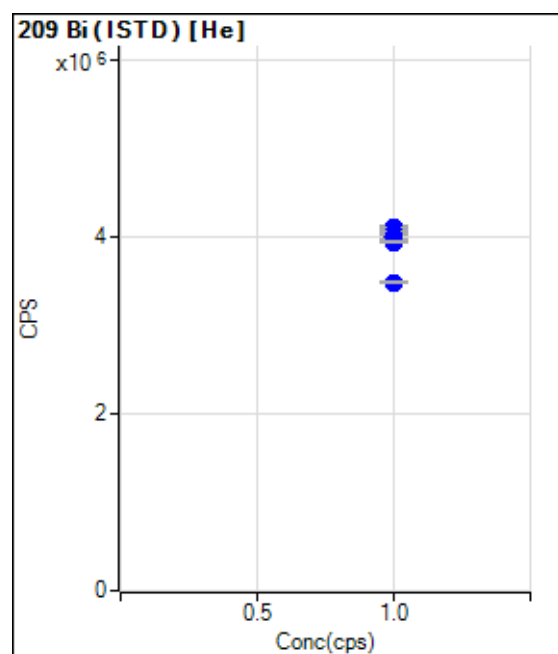
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10092649.36		A	0.7
2	☐	1.000		9932237.29		A	0.3
3	☐	1.000		10054363.16		A	0.9
4	☐	1.000		10136986.16		A	0.4
5	☐	1.000		10027254.39		A	0.6
6	☐	1.000		10162724.62		A	0.7
7	☐	1.000		10364812.39		A	0.9
8	☐	1.000		10228090.68		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5235164.12		P	0.5
2	☐	1.000		5273319.57		P	1.0
3	☐	1.000		5268592.00		P	0.1
4	☐	1.000		5212541.80		P	0.3
5	☐	1.000		5199613.01		P	0.8
6	☐	1.000		5245837.60		P	0.6
7	☐	1.000		5307183.95		P	0.6
8	☐	1.000		5131163.92		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6842380.59		P	0.3
2	☐	1.000		6797706.43		P	0.1
3	☐	1.000		6881728.51		P	0.9
4	☐	1.000		6922839.62		P	0.3
5	☐	1.000		6840933.92		M	0.3
6	☐	1.000		6818138.58		P	0.4
7	☐	1.000		6800821.29		P	0.6
8	☐	1.000		6149783.24		P	1.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4085160.53		P	0.5
2	☐	1.000		4099646.22		P	0.9
3	☐	1.000		4093034.11		P	0.4
4	☐	1.000		4052079.63		P	0.6
5	☐	1.000		3997984.56		P	0.7
6	☐	1.000		3970595.39		P	0.4
7	☐	1.000		3941630.08		P	0.2
8	☐	1.000		3483919.63		P	0.4

US EPA Tune Check Sample Report

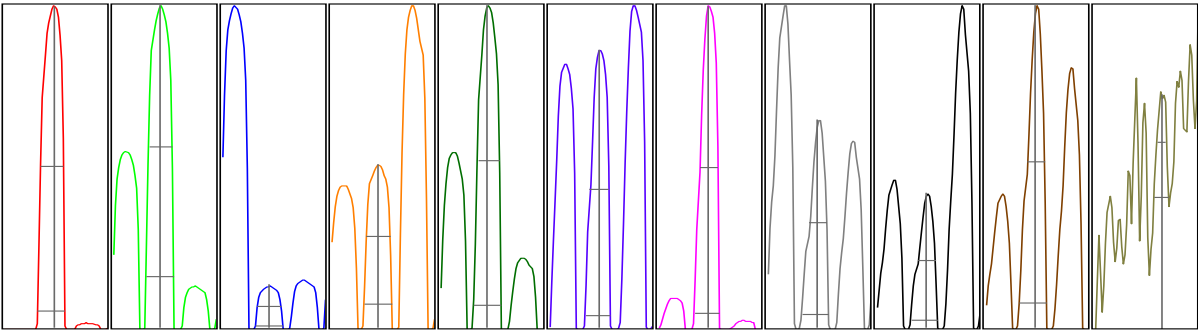
Batch Folder D:\ICP-MS Data\P7082819-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6530	0.61	5.00	
24	68797	0.56	5.00	
25	9248	0.62	5.00	
26	10956	0.91	5.00	
59	53168	0.75	5.00	
113	8381	0.76	5.00	
115	98440	1.08	5.00	
206	24459	0.73	5.00	
207	22414	0.99	5.00	
208	53371	0.78	5.00	
220	60	3.91		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6499	6546	6583	6538	6483
24	68550	69069	69338	68570	68456
25	9245	9297	9312	9215	9173
26	10919	11108	10981	10930	10840
59	52957	53461	53659	53104	52656
113	8407	8436	8436	8325	8301
115	99697	98755	98943	97867	96935
206	24381	24624	24670	24363	24258
207	22329	22604	22684	22302	22152
208	52972	53801	53819	53273	52991
220	57	61	59	63	61

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10272	9.00	8.9 - 9.1		0.788	0.900	
24	104655	23.90	23.9 - 24.1		0.802	0.900	
25	13923	24.90	24.9 - 25.1		0.789	0.900	
26	15914	25.90	25.9 - 26.1		0.805	0.900	
59	86248	58.90	58.9 - 59.1		0.801	0.900	
113	15307	113.00	112.9 - 113.1		0.733	0.900	
115	182498	115.00	114.9 - 115.1		0.733	0.900	
206	47501	206.00	205.9 - 206.1		0.781	0.900	
207	42925	207.00	206.9 - 207.1		0.780	0.900	
208	102941	208.00	207.9 - 208.1		0.787	0.900	
220	64	220.50	-		0.404		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.0	V	Deflect	14.6	V
Extract 2	-85.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-45	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	180	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12799	0.23	
89	20388	0.21	
205	22645	0.40	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12775	12796	12850	12782	12794
89	20386	20447	20396	20386	20324
205	22657	22535	22769	22578	22685

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.6	V	Deflect	1.6	V
Extract 2	-90.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-45	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	190	V			

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:31:07 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.44	-0.29	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-1	-0.05	0.10	-0.05	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	-0.11	0.15	0.00	N/A	ppb
Boron	11-1	-0.03	0.11	-0.08	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.33	0.02	0.32	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.04	0.02	0.00	N/A	ppb
Calcium	43-1	0.14	-0.25	0.11	0.00	N/A	ppb
Calcium	44-1	-0.54	0.86	-0.32	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.02	0.02	-0.04	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.03	0.07	-0.10	0.00	N/A	ppb
Iron	57-2	0.40	-0.21	-0.20	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.18	-0.11	0.30	0.00	N/A	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:31:07 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-28.30	-17.19	-14.32	-19.94		ppb
Potassium	39-2	1.69	-2.91	1.21	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.37	0.73	-0.37	0.00	N/A	ppb
Selenium	78-2	1.27	-1.00	-0.26	0.00	N/A	ppb
Selenium	82-1	0.06	0.19	-0.25	0.00	N/A	ppb
Silicon	28-1	0.02	0.20	-0.23	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	0.12	-0.25	0.13	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-225.99	-81.60	-97.00	-134.86		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.02	0.03	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.02	0.01	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 :	LB104852	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:31:07	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.18	0.05	0.13	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:34:43	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.92	18.51	17.00	17.14	7.60	ppb
Antimony	121-1	1.93	1.94	1.95	1.94	0.62	ppb
Arsenic	75-1	1.14	1.10	0.84	1.03	15.41	ppb
Barium	135-1	10.25	9.62	10.21	10.03	3.51	ppb
Barium	137-1	10.20	10.07	9.75	10.01	2.34	ppb
Beryllium	9-1	1.06	0.97	0.99	1.01	5.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	22.05	23.21	23.76	23.01	3.81	ppb
Boron	11-1	22.29	22.99	23.93	23.07	3.57	ppb
Cadmium	111-1	1.23	1.08	1.07	1.13	8.20	ppb
Cadmium	106-1	2.53	2.49	2.52	2.51	0.75	ppb
Cadmium	108-1	0.87	1.09	1.01	0.99	11.44	ppb
Calcium	43-1	468.46	484.31	464.05	472.27	2.26	ppb
Calcium	44-1	480.40	480.02	481.46	480.63	0.15	ppb
Chromium	52-2	2.02	1.93	1.95	1.97	2.33	ppb
Cobalt	59-2	1.06	1.00	1.03	1.03	2.69	ppb
Copper	63-2	1.89	2.07	1.99	1.98	4.76	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				98		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	55.11	55.68	54.55	55.11	1.03	ppb
Iron	57-2	57.05	53.47	55.68	55.40	3.27	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.95	0.97	0.94	3.87	ppb
Lead	207-1	0.95	0.90	0.90	0.92	3.16	ppb
Lead	208-1	0.92	0.92	0.93	0.92	0.63	ppb
Lithium	6-1				100		%
Magnesium	24-2	503.71	507.75	509.63	507.03	0.60	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:34:43	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.12	1.06	1.05	6.77	ppb
Molybdenum	94-1	4.52	4.43	4.40	4.45	1.45	ppb
Molybdenum	95-1	4.66	4.62	4.68	4.65	0.62	ppb
Molybdenum	96-1	4.52	4.51	4.74	4.59	2.84	ppb
Molybdenum	97-1	4.48	4.77	4.65	4.63	3.19	ppb
Molybdenum	98-1	4.71	4.74	4.60	4.68	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.12	1.09	1.11	1.47	ppb
Phosphorus	31-2	1.93	18.43	39.45	19.94	94.31	ppb
Potassium	39-2	503.68	508.48	502.76	504.97	0.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	5.09	5.64	2.89	4.54	32.15	ppb
Selenium	78-2	5.89	5.81	3.61	5.10	25.38	ppb
Selenium	82-1	5.65	5.24	5.21	5.37	4.61	ppb
Silicon	28-1	9.87	9.33	9.59	9.60	2.82	ppb
Silver	109-1	1.01	1.10	1.06	1.06	3.91	ppb
Silver	107-1	1.01	1.00	1.01	1.01	0.97	ppb
Sodium	23-2	495.41	482.82	481.73	486.66	1.56	ppb
Strontium	86-1	0.95	0.88	0.92	0.92	3.87	ppb
Strontium	88-1	0.95	0.96	0.90	0.94	3.69	ppb
Sulfur	34-1	146.61	78.88	179.10	134.86	37.92	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.87	0.90	0.91	0.89	2.24	ppb
Thallium	205-1	0.90	0.89	0.90	0.90	0.70	ppb
Thorium	232-1	0.73	0.73	0.71	0.72	1.46	ppb
Tin	118-1	5.10	5.17	5.18	5.15	0.81	ppb
Titanium	47-1	5.27	5.38	4.76	5.14	6.42	ppb
Uranium	238-1	0.83	0.84	0.83	0.83	0.77	ppb
Vanadium	51-2	5.17	5.05	5.07	5.10	1.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:34:43	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.03	5.78	5.11	5.30	7.74	ppb
Zirconium	90-1	0.79	0.80	0.82	0.80	1.52	ppb
Zirconium	91-1	0.72	0.84	0.71	0.76	9.58	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:39:08 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	998.79	1003.83	985.23	995.95	0.97	ppb
Antimony	121-1	52.40	51.98	51.97	52.11	0.47	ppb
Arsenic	75-1	52.99	54.41	55.00	54.13	1.91	ppb
Barium	135-1	257.05	256.06	257.69	256.93	0.32	ppb
Barium	137-1	255.58	258.24	255.87	256.56	0.57	ppb
Beryllium	9-1	53.58	53.19	53.10	53.29	0.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	48.72	46.47	49.41	48.20	3.19	ppb
Boron	11-1	48.35	48.74	48.49	48.52	0.41	ppb
Cadmium	111-1	52.43	52.59	52.41	52.48	0.19	ppb
Cadmium	106-1	53.46	55.13	57.10	55.23	3.30	ppb
Cadmium	108-1	54.42	52.36	52.90	53.23	2.00	ppb
Calcium	43-1	5126.85	5060.55	5215.27	5134.22	1.51	ppb
Calcium	44-1	5082.89	5073.40	5075.78	5077.36	0.10	ppb
Chromium	52-2	51.96	52.11	51.06	51.71	1.10	ppb
Cobalt	59-2	52.65	52.65	53.13	52.81	0.52	ppb
Copper	63-2	101.86	102.20	101.91	101.99	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2686.59	2724.36	2696.14	2702.36	0.73	ppb
Iron	57-2	2712.56	2705.26	2697.58	2705.13	0.28	ppb
Krypton	83-1						cps
Lead	206-1	47.96	47.85	48.41	48.07	0.62	ppb
Lead	207-1	48.44	47.59	48.50	48.18	1.06	ppb
Lead	208-1	47.78	47.69	47.94	47.80	0.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	5156.28	5252.06	5216.41	5208.25	0.93	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:39:08	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.61	102.81	101.25	101.89	0.80	ppb
Molybdenum	94-1	243.52	244.92	245.35	244.59	0.39	ppb
Molybdenum	95-1	244.18	245.01	243.15	244.11	0.38	ppb
Molybdenum	96-1	246.87	246.94	247.55	247.12	0.15	ppb
Molybdenum	97-1	246.41	245.85	243.69	245.32	0.59	ppb
Molybdenum	98-1	245.36	245.68	244.64	245.22	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.63	54.23	53.86	53.91	0.56	ppb
Phosphorus	31-2	962.29	976.86	1072.90	1004.02	5.99	ppb
Potassium	39-2	2581.73	2605.13	2557.24	2581.36	0.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	60.83	57.43	53.55	57.27	6.36	ppb
Selenium	78-2	56.67	53.77	55.38	55.27	2.63	ppb
Selenium	82-1	55.00	55.42	55.75	55.39	0.68	ppb
Silicon	28-1	52.24	52.05	52.54	52.28	0.47	ppb
Silver	109-1	52.80	52.86	52.58	52.75	0.28	ppb
Silver	107-1	52.12	51.85	51.90	51.96	0.28	ppb
Sodium	23-2	5091.10	5158.60	5084.33	5111.34	0.80	ppb
Strontium	86-1	49.52	49.55	49.45	49.50	0.10	ppb
Strontium	88-1	49.10	49.42	49.14	49.22	0.35	ppb
Sulfur	34-1	1194.85	1197.23	1120.25	1170.78	3.74	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	47.67	48.18	48.04	47.96	0.55	ppb
Thallium	205-1	48.28	47.97	47.79	48.01	0.51	ppb
Thorium	232-1	45.38	45.32	45.19	45.30	0.22	ppb
Tin	118-1	52.60	52.53	51.70	52.28	0.96	ppb
Titanium	47-1	249.78	247.35	250.64	249.26	0.68	ppb
Uranium	238-1	45.44	45.06	45.14	45.21	0.45	ppb
Vanadium	51-2	49.84	51.03	50.02	50.30	1.28	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:39:08	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	104.33	103.76	103.03	103.71	0.63	ppb
Zirconium	90-1	48.63	48.98	48.28	48.63	0.72	ppb
Zirconium	91-1	49.69	49.11	49.60	49.47	0.63	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:43:04	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2501.90	2507.39	2540.56	2516.61	0.83	ppb
Antimony	121-1	127.73	128.88	128.81	128.47	0.50	ppb
Arsenic	75-1	132.37	133.25	131.30	132.31	0.74	ppb
Barium	135-1	635.42	636.28	632.37	634.69	0.32	ppb
Barium	137-1	633.19	633.60	628.98	631.92	0.41	ppb
Beryllium	9-1	130.67	131.49	130.78	130.98	0.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	118.37	122.72	126.40	122.50	3.28	ppb
Boron	11-1	118.72	122.63	124.58	121.98	2.45	ppb
Cadmium	111-1	127.48	126.06	126.49	126.67	0.58	ppb
Cadmium	106-1	130.56	130.44	128.69	129.90	0.81	ppb
Cadmium	108-1	124.27	127.73	124.20	125.40	1.61	ppb
Calcium	43-1	12825.42	12673.40	12661.28	12720.03	0.72	ppb
Calcium	44-1	12757.76	12729.40	12683.51	12723.56	0.29	ppb
Chromium	52-2	127.88	127.98	128.02	127.96	0.06	ppb
Cobalt	59-2	130.37	130.64	130.26	130.42	0.15	ppb
Copper	63-2	250.72	249.91	249.94	250.19	0.18	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				98		%
Indium	115-2				95		%
Iron	56-2	6710.15	6698.78	6692.82	6700.58	0.13	ppb
Iron	57-2	6727.50	6748.28	6733.39	6736.39	0.16	ppb
Krypton	83-1						cps
Lead	206-1	120.10	121.32	121.73	121.05	0.70	ppb
Lead	207-1	120.72	121.48	121.61	121.27	0.40	ppb
Lead	208-1	119.58	120.61	120.74	120.31	0.53	ppb
Lithium	6-1				97		%
Magnesium	24-2	13099.58	13153.96	13215.60	13156.38	0.44	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:43:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.36	254.91	254.12	254.47	0.16	ppb
Molybdenum	94-1	615.24	621.58	612.08	616.30	0.78	ppb
Molybdenum	95-1	615.00	618.84	612.66	615.50	0.51	ppb
Molybdenum	96-1	617.73	623.44	613.68	618.28	0.79	ppb
Molybdenum	97-1	612.63	616.94	612.07	613.88	0.43	ppb
Molybdenum	98-1	618.58	619.63	618.25	618.82	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.05	132.78	133.23	133.02	0.17	ppb
Phosphorus	31-2	2620.62	2505.24	2651.25	2592.37	2.97	ppb
Potassium	39-2	6449.02	6473.17	6423.42	6448.54	0.39	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	139.25	140.17	129.97	136.47	4.13	ppb
Selenium	78-2	137.14	142.74	141.16	140.35	2.06	ppb
Selenium	82-1	137.35	137.11	136.57	137.01	0.29	ppb
Silicon	28-1	126.29	126.37	124.61	125.76	0.79	ppb
Silver	109-1	126.49	126.77	125.54	126.27	0.51	ppb
Silver	107-1	125.31	125.47	124.52	125.10	0.41	ppb
Sodium	23-2	12923.33	13067.67	13011.41	13000.80	0.56	ppb
Strontium	86-1	124.66	124.99	125.20	124.95	0.21	ppb
Strontium	88-1	123.23	123.37	122.62	123.07	0.33	ppb
Sulfur	34-1	2535.93	2477.54	2336.36	2449.94	4.19	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	120.79	119.62	120.05	120.15	0.49	ppb
Thallium	205-1	120.44	120.75	120.58	120.59	0.13	ppb
Thorium	232-1	116.45	116.77	116.22	116.48	0.23	ppb
Tin	118-1	128.39	128.52	127.55	128.15	0.41	ppb
Titanium	47-1	624.07	623.02	618.81	621.97	0.45	ppb
Uranium	238-1	115.75	116.56	116.35	116.22	0.36	ppb
Vanadium	51-2	125.29	125.15	126.04	125.49	0.38	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:43:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	259.79	259.31	263.41	260.84	0.86	ppb
Zirconium	90-1	121.84	122.44	122.03	122.10	0.25	ppb
Zirconium	91-1	124.81	123.61	123.79	124.07	0.52	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:46:57	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5116.56	5112.00	5099.10	5109.22	0.18	ppb
Antimony	121-1	256.70	258.33	254.08	256.37	0.84	ppb
Arsenic	75-1	261.59	262.09	259.03	260.91	0.63	ppb
Barium	135-1	1272.73	1274.42	1270.76	1272.63	0.14	ppb
Barium	137-1	1267.40	1272.26	1265.22	1268.29	0.28	ppb
Beryllium	9-1	258.52	259.26	259.73	259.17	0.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	247.42	248.22	253.67	249.77	1.36	ppb
Boron	11-1	248.08	248.51	252.26	249.62	0.92	ppb
Cadmium	111-1	248.64	248.23	247.85	248.24	0.16	ppb
Cadmium	106-1	249.32	248.38	252.90	250.20	0.95	ppb
Cadmium	108-1	248.92	251.45	250.65	250.34	0.52	ppb
Calcium	43-1	26009.70	26036.53	26540.36	26195.53	1.14	ppb
Calcium	44-1	25961.36	26125.06	26255.60	26114.01	0.56	ppb
Chromium	52-2	256.10	259.29	257.29	257.56	0.63	ppb
Cobalt	59-2	259.49	263.76	262.44	261.90	0.84	ppb
Copper	63-2	495.54	498.88	500.32	498.25	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				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	13496.14	13653.08	13558.38	13569.20	0.58	ppb
Iron	57-2	13494.94	13631.45	13592.97	13573.12	0.52	ppb
Krypton	83-1						cps
Lead	206-1	249.37	248.71	250.47	249.52	0.36	ppb
Lead	207-1	248.06	247.84	250.47	248.79	0.59	ppb
Lead	208-1	247.16	246.23	248.32	247.24	0.42	ppb
Lithium	6-1				92		%
Magnesium	24-2	26588.10	26754.70	26839.46	26727.42	0.48	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:46:57	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	513.60	516.14	519.66	516.47	0.59	ppb
Molybdenum	94-1	1242.87	1250.64	1246.58	1246.69	0.31	ppb
Molybdenum	95-1	1246.98	1251.61	1242.60	1247.06	0.36	ppb
Molybdenum	96-1	1250.10	1260.86	1254.18	1255.05	0.43	ppb
Molybdenum	97-1	1245.76	1244.83	1253.81	1248.13	0.40	ppb
Molybdenum	98-1	1254.42	1259.25	1261.37	1258.35	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.21	268.86	266.44	266.84	0.70	ppb
Phosphorus	31-2	5253.19	5297.40	5124.53	5225.04	1.72	ppb
Potassium	39-2	13043.93	13045.97	13093.50	13061.14	0.21	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	77-2	274.89	257.32	284.55	272.25	5.07	ppb
Selenium	78-2	254.65	269.21	264.01	262.63	2.81	ppb
Selenium	82-1	264.03	269.17	269.03	267.41	1.09	ppb
Silicon	28-1	251.34	253.69	255.53	253.52	0.83	ppb
Silver	109-1	248.78	249.71	247.70	248.73	0.40	ppb
Silver	107-1	245.78	245.29	245.93	245.67	0.14	ppb
Sodium	23-2	26376.55	26544.11	26502.17	26474.28	0.33	ppb
Strontium	86-1	251.48	254.60	252.68	252.92	0.62	ppb
Strontium	88-1	251.16	251.68	251.79	251.55	0.13	ppb
Sulfur	34-1	4715.85	4618.51	4747.98	4694.12	1.44	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	245.78	247.39	247.62	246.93	0.41	ppb
Thallium	205-1	247.60	249.53	249.64	248.92	0.46	ppb
Thorium	232-1	241.05	242.62	242.59	242.09	0.37	ppb
Tin	118-1	255.74	256.44	255.67	255.95	0.17	ppb
Titanium	47-1	1249.59	1258.29	1260.99	1256.29	0.47	ppb
Uranium	238-1	242.82	242.74	244.04	243.20	0.30	ppb
Vanadium	51-2	253.33	256.29	255.80	255.14	0.62	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:46:57	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	520.08	529.32	529.53	526.31	1.03	ppb
Zirconium	90-1	248.30	248.63	248.55	248.50	0.07	ppb
Zirconium	91-1	250.61	251.88	253.45	251.98	0.56	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:50:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10067.87	10068.95	10044.48	10060.44	0.14	ppb
Antimony	121-1	500.49	505.66	503.80	503.32	0.52	ppb
Arsenic	75-1	504.38	507.23	503.04	504.88	0.42	ppb
Barium	135-1	2498.60	2513.34	2526.94	2512.96	0.56	ppb
Barium	137-1	2504.99	2526.30	2519.83	2517.04	0.43	ppb
Beryllium	9-1	506.08	508.39	504.94	506.47	0.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	495.42	508.75	498.57	500.91	1.39	ppb
Boron	11-1	498.97	502.28	508.74	503.33	0.99	ppb
Cadmium	111-1	475.44	481.01	474.60	477.02	0.73	ppb
Cadmium	106-1	477.50	489.91	476.51	481.31	1.55	ppb
Cadmium	108-1	478.53	478.65	476.76	477.98	0.22	ppb
Calcium	43-1	51933.43	51967.82	51815.21	51905.49	0.15	ppb
Calcium	44-1	51900.50	52013.80	52098.24	52004.18	0.19	ppb
Chromium	52-2	507.23	510.66	509.00	508.96	0.34	ppb
Cobalt	59-2	507.40	517.88	512.45	512.58	1.02	ppb
Copper	63-2	960.45	971.32	959.58	963.78	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	26770.09	26851.48	26758.82	26793.46	0.19	ppb
Iron	57-2	26617.05	26872.44	27023.60	26837.69	0.77	ppb
Krypton	83-1						cps
Lead	206-1	496.63	497.41	496.96	497.00	0.08	ppb
Lead	207-1	498.27	497.81	496.82	497.63	0.15	ppb
Lead	208-1	496.10	495.36	495.40	495.62	0.08	ppb
Lithium	6-1				92		%
Magnesium	24-2	53545.62	53752.78	53003.27	53433.89	0.72	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:50:46	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.88	1019.11	1015.70	1016.57	0.22	ppb
Molybdenum	94-1	2516.13	2511.51	2513.93	2513.86	0.09	ppb
Molybdenum	95-1	2506.78	2508.91	2506.91	2507.53	0.05	ppb
Molybdenum	96-1	2490.33	2504.07	2511.36	2501.92	0.43	ppb
Molybdenum	97-1	2473.94	2480.46	2480.56	2478.32	0.15	ppb
Molybdenum	98-1	2497.07	2496.04	2521.94	2505.02	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.87	518.18	512.41	513.49	0.83	ppb
Phosphorus	31-2	10240.80	10104.17	10379.84	10241.60	1.35	ppb
Potassium	39-2	25886.71	25895.82	25874.22	25885.58	0.04	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	77-2	490.02	502.80	533.39	508.73	4.38	ppb
Selenium	78-2	522.95	510.61	506.35	513.31	1.68	ppb
Selenium	82-1	505.92	512.05	512.43	510.13	0.72	ppb
Silicon	28-1	500.58	501.53	502.31	501.47	0.17	ppb
Silver	109-1	483.98	480.17	478.50	480.88	0.58	ppb
Silver	107-1	471.05	475.46	471.06	472.52	0.54	ppb
Sodium	23-2	52775.12	52956.66	52545.12	52758.97	0.39	ppb
Strontium	86-1	505.67	506.49	503.54	505.23	0.30	ppb
Strontium	88-1	502.68	504.01	500.96	502.55	0.30	ppb
Sulfur	34-1	9783.11	9787.87	9709.52	9760.17	0.45	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	500.77	495.44	495.94	497.38	0.59	ppb
Thallium	205-1	496.26	496.98	493.93	495.72	0.32	ppb
Thorium	232-1	491.57	490.87	494.07	492.17	0.34	ppb
Tin	118-1	499.81	505.83	505.14	503.59	0.65	ppb
Titanium	47-1	2513.78	2490.09	2508.57	2504.15	0.50	ppb
Uranium	238-1	495.60	489.07	494.17	492.95	0.70	ppb
Vanadium	51-2	502.85	506.94	504.47	504.75	0.41	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:50:46	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	998.92	1011.76	1014.93	1008.54	0.84	ppb
Zirconium	90-1	496.07	496.30	497.73	496.70	0.18	ppb
Zirconium	91-1	500.88	501.82	499.56	500.75	0.23	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:54:34 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19670.01	19901.83	19859.76	19810.54	0.62	ppb
Antimony	121-1	1001.99	994.60	992.03	996.21	0.52	ppb
Arsenic	75-1	989.53	997.31	994.30	993.71	0.39	ppb
Barium	135-1	5017.84	4981.77	4959.29	4986.30	0.59	ppb
Barium	137-1	5004.23	4973.84	4979.07	4985.71	0.33	ppb
Beryllium	9-1	995.85	991.42	993.42	993.56	0.22	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	992.21	1003.35	1004.59	1000.05	0.68	ppb
Boron	11-1	989.26	998.02	1009.51	998.93	1.02	ppb
Cadmium	111-1	1020.19	1004.84	1009.77	1011.60	0.77	ppb
Cadmium	106-1	1018.07	1006.24	1000.95	1008.42	0.87	ppb
Cadmium	108-1	1018.44	1015.22	998.48	1010.71	1.06	ppb
Calcium	43-1	102456.46	103074.86	103001.28	102844.20	0.33	ppb
Calcium	44-1	102969.72	102686.45	102976.01	102877.39	0.16	ppb
Chromium	52-2	985.64	997.79	996.08	993.17	0.66	ppb
Cobalt	59-2	983.67	994.83	991.26	989.92	0.58	ppb
Copper	63-2	2002.67	2028.65	2023.95	2018.42	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	51895.50	52367.58	52001.20	52088.09	0.48	ppb
Iron	57-2	51779.80	52044.40	52187.24	52003.81	0.40	ppb
Krypton	83-1						cps
Lead	206-1	999.93	1003.48	1003.22	1002.21	0.20	ppb
Lead	207-1	1000.09	1004.49	1001.54	1002.04	0.22	ppb
Lead	208-1	1002.03	1004.56	1004.14	1003.58	0.14	ppb
Lithium	6-1				94		%
Magnesium	24-2	104427.89	104528.46	104686.36	104547.57	0.12	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:54:34	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1973.33	1998.15	1989.36	1986.95	0.63	ppb
Molybdenum	94-1	4967.93	4998.87	5018.97	4995.26	0.51	ppb
Molybdenum	95-1	4978.19	5006.88	5010.28	4998.45	0.35	ppb
Molybdenum	96-1	4979.57	5007.77	5008.95	4998.76	0.33	ppb
Molybdenum	97-1	5014.44	5012.41	5011.95	5012.93	0.03	ppb
Molybdenum	98-1	4989.23	4989.22	5010.80	4996.42	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	983.46	991.76	988.33	987.85	0.42	ppb
Phosphorus	31-2	19778.07	19840.30	19815.20	19811.19	0.16	ppb
Potassium	39-2	50502.11	50908.25	50731.43	50713.93	0.40	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	959.75	970.27	1034.81	988.28	4.11	ppb
Selenium	78-2	987.69	982.30	994.04	988.01	0.59	ppb
Selenium	82-1	992.77	989.45	984.21	988.81	0.44	ppb
Silicon	28-1	992.93	1001.20	1000.41	998.18	0.46	ppb
Silver	109-1	1013.60	1006.69	1008.44	1009.58	0.36	ppb
Silver	107-1	1017.19	1014.24	1012.70	1014.71	0.22	ppb
Sodium	23-2	103158.95	103833.37	103837.46	103609.92	0.38	ppb
Strontium	86-1	1000.19	993.68	996.19	996.68	0.33	ppb
Strontium	88-1	993.13	997.33	1005.40	998.62	0.62	ppb
Sulfur	34-1	20144.04	20238.33	20199.95	20194.11	0.23	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	993.82	1007.27	1007.26	1002.78	0.77	ppb
Thallium	205-1	996.80	1003.69	1008.68	1003.06	0.59	ppb
Thorium	232-1	1005.46	1006.07	1010.05	1007.19	0.25	ppb
Tin	118-1	1004.37	994.77	989.48	996.21	0.76	ppb
Titanium	47-1	4990.32	4994.10	5005.89	4996.77	0.16	ppb
Uranium	238-1	1001.73	1005.12	1012.84	1006.56	0.57	ppb
Vanadium	51-2	993.72	996.85	998.22	996.26	0.23	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:54:34	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1970.97	1991.93	1999.93	1987.61	0.75	ppb
Zirconium	90-1	1001.90	1002.26	1003.22	1002.46	0.07	ppb
Zirconium	91-1	997.02	996.51	1004.28	999.27	0.44	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:58:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100032.33	100350.67	99695.04	100026.01	0.33	ppb
Antimony	121-1	1.44	1.48	1.59	1.50	5.07	ppb
Arsenic	75-1	1.34	1.32	1.42	1.36	3.81	ppb
Barium	135-1	0.96	0.76	0.64	0.79	20.70	ppb
Barium	137-1	0.84	0.71	0.69	0.75	10.78	ppb
Beryllium	9-1	0.18	0.20	0.11	0.16	29.42	ppb
Bismuth	209-1				90		%
Bismuth	209-2				85		%
Boron	10-1	48.72	44.64	40.34	44.56	9.40	ppb
Boron	11-1	49.44	44.77	42.35	45.52	7.92	ppb
Cadmium	111-1	0.30	0.16	0.34	0.27	36.02	ppb
Cadmium	106-1	1.40	0.09	2.56	1.35	91.81	ppb
Cadmium	108-1	0.13	0.19	0.34	0.22	47.96	ppb
Calcium	43-1	499306.94	499967.16	498247.96	499174.02	0.17	ppb
Calcium	44-1	499047.58	500611.58	497827.02	499162.06	0.28	ppb
Chromium	52-2	25.85	26.06	25.71	25.87	0.67	ppb
Cobalt	59-2	11.78	11.81	12.05	11.88	1.23	ppb
Copper	63-2	2.50	2.55	2.55	2.54	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	249613.50	249556.40	248838.96	249336.29	0.17	ppb
Iron	57-2	249454.99	249685.19	248902.62	249347.60	0.16	ppb
Krypton	83-1						cps
Lead	206-1	0.60	0.56	0.55	0.57	4.21	ppb
Lead	207-1	0.53	0.56	0.50	0.53	5.31	ppb
Lead	208-1	0.58	0.56	0.53	0.56	4.30	ppb
Lithium	6-1				96		%
Magnesium	24-2	497234.07	498997.51	499695.10	498642.23	0.25	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:58:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.10	6.09	6.44	6.21	3.15	ppb
Molybdenum	94-1	3.58	3.43	3.15	3.39	6.43	ppb
Molybdenum	95-1	4.26	4.19	3.89	4.11	4.74	ppb
Molybdenum	96-1	5.61	5.69	5.59	5.63	0.97	ppb
Molybdenum	97-1	4.34	4.28	4.02	4.21	4.13	ppb
Molybdenum	98-1	4.14	4.04	3.92	4.03	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.40	25.38	25.95	25.58	1.26	ppb
Phosphorus	31-2	-24.22	-12.66	-27.21	-21.36		ppb
Potassium	39-2	249855.80	250633.76	248714.87	249734.81	0.39	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	0.23	0.22	-0.37	0.03	1242.92	ppb
Selenium	78-2	1.23	-1.01	0.27	0.16	700.53	ppb
Selenium	82-1	0.60	0.89	1.10	0.86	28.67	ppb
Silicon	28-1	22.94	23.70	22.46	23.04	2.71	ppb
Silver	109-1	0.12	0.08	0.07	0.09	31.05	ppb
Silver	107-1	0.09	0.11	0.07	0.09	20.72	ppb
Sodium	23-2	498646.71	501182.34	496915.30	498914.78	0.43	ppb
Strontium	86-1	3.89	4.24	4.12	4.08	4.33	ppb
Strontium	88-1	4.02	3.99	4.03	4.01	0.42	ppb
Sulfur	34-1	-244.40	-187.38	-242.88	-224.89		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.28	0.24	0.25	0.26	7.61	ppb
Thallium	205-1	0.30	0.28	0.22	0.27	15.88	ppb
Thorium	232-1	0.25	0.21	0.19	0.22	12.54	ppb
Tin	118-1	0.42	0.36	0.42	0.40	7.87	ppb
Titanium	47-1	1.47	1.27	1.39	1.37	7.39	ppb
Uranium	238-1	0.12	0.10	0.10	0.11	13.54	ppb
Vanadium	51-2	0.14	0.15	0.21	0.17	21.94	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:58:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.61	8.77	8.45	8.61	1.84	ppb
Zirconium	90-1	0.29	0.23	0.25	0.26	10.67	ppb
Zirconium	91-1	0.34	0.27	0.27	0.29	13.41	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:04:29	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.77	474.87	477.01	483.22	2.62	ppb
Antimony	121-1	204.31	203.19	204.51	204.00	0.35	ppb
Arsenic	75-1	212.35	215.11	211.80	213.09	0.83	ppb
Barium	135-1	101.75	102.78	101.70	102.08	0.60	ppb
Barium	137-1	101.87	102.14	101.19	101.73	0.48	ppb
Beryllium	9-1	101.50	103.00	101.89	102.13	0.76	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	16.44	17.28	19.29	17.67	8.31	ppb
Boron	11-1	18.69	17.77	16.74	17.73	5.51	ppb
Cadmium	111-1	101.15	100.21	100.58	100.65	0.47	ppb
Cadmium	106-1	80.12	79.30	84.44	81.28	3.40	ppb
Cadmium	108-1	103.48	106.42	105.16	105.02	1.40	ppb
Calcium	43-1	2086.50	2128.11	2097.87	2104.16	1.02	ppb
Calcium	44-1	2041.88	2054.46	2057.97	2051.44	0.41	ppb
Chromium	52-2	102.36	99.36	100.43	100.72	1.51	ppb
Cobalt	59-2	106.73	104.89	103.68	105.10	1.46	ppb
Copper	63-2	101.64	99.20	100.18	100.34	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	1099.64	1080.81	1078.23	1086.23	1.08	ppb
Iron	57-2	1122.93	1059.35	1052.38	1078.22	3.61	ppb
Krypton	83-1						cps
Lead	206-1	195.27	193.66	194.54	194.49	0.41	ppb
Lead	207-1	191.20	189.61	190.81	190.54	0.43	ppb
Lead	208-1	191.40	190.52	191.50	191.14	0.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	1308.78	1252.15	1278.78	1279.90	2.21	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:04:29	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.40	100.81	99.49	100.23	0.67	ppb
Molybdenum	94-1	1677.12	1666.70	1682.96	1675.59	0.49	ppb
Molybdenum	95-1	2404.22	2403.14	2419.76	2409.04	0.39	ppb
Molybdenum	96-1	2319.77	2321.59	2333.33	2324.90	0.32	ppb
Molybdenum	97-1	2368.33	2368.64	2375.68	2370.88	0.18	ppb
Molybdenum	98-1	2406.67	2401.05	2406.75	2404.82	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.42	107.51	108.07	108.33	0.90	ppb
Phosphorus	31-2	-10.84	-8.48	-11.33	-10.22		ppb
Potassium	39-2	2083.72	2066.78	2065.81	2072.10	0.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	224.64	209.88	204.21	212.91	4.95	ppb
Selenium	78-2	219.95	216.42	228.49	221.62	2.80	ppb
Selenium	82-1	219.45	220.44	221.79	220.56	0.53	ppb
Silicon	28-1	5.07	5.58	6.19	5.62	9.99	ppb
Silver	109-1	93.37	93.29	93.24	93.30	0.07	ppb
Silver	107-1	93.66	91.39	91.57	92.21	1.37	ppb
Sodium	23-2	2152.70	2082.03	2101.17	2111.97	1.73	ppb
Strontium	86-1	2.30	2.21	2.41	2.31	4.31	ppb
Strontium	88-1	2.33	2.27	2.29	2.30	1.23	ppb
Sulfur	34-1	-524.45	-553.05	-704.86	-594.12		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	213.47	214.00	214.50	213.99	0.24	ppb
Thallium	205-1	214.10	211.92	214.09	213.37	0.59	ppb
Thorium	232-1	0.09	0.09	0.09	0.09	2.47	ppb
Tin	118-1	0.09	0.07	0.10	0.09	21.20	ppb
Titanium	47-1	2492.70	2480.74	2500.16	2491.20	0.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	152.61	ppb
Vanadium	51-2	101.52	98.20	98.40	99.38	1.87	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:04:29	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	211.23	208.75	207.41	209.13	0.93	ppb
Zirconium	90-1	0.21	0.18	0.20	0.20	7.58	ppb
Zirconium	91-1	0.30	0.28	0.25	0.28	8.79	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:08:06 DataFile Name : 011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	-0.13	-0.14	-0.03		ppb
Antimony	121-1	0.15	0.15	0.21	0.17	19.14	ppb
Arsenic	75-1	0.02	0.04	0.06	0.04	44.42	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	0.01	0.00	0.00	111.00	ppb
Beryllium	9-1	0.04	0.05	0.06	0.05	22.41	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	9.46	9.46	7.72	8.88	11.29	ppb
Boron	11-1	8.89	8.57	7.89	8.45	6.06	ppb
Cadmium	111-1	0.03	0.05	-0.06	0.01	577.75	ppb
Cadmium	106-1	0.29	0.38	-0.81	-0.05		ppb
Cadmium	108-1	0.02	-0.04	-0.01	-0.01		ppb
Calcium	43-1	-3.14	-1.40	-4.47	-3.00		ppb
Calcium	44-1	-2.62	-2.18	-2.47	-2.42		ppb
Chromium	52-2	0.03	0.00	0.01	0.01	141.61	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	1398.47	ppb
Copper	63-2	0.00	-0.01	-0.02	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.93	0.63	0.66	0.74	22.45	ppb
Iron	57-2	0.41	-0.88	0.81	0.11	784.00	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	11.64	ppb
Lead	207-1	0.04	0.03	0.04	0.04	16.15	ppb
Lead	208-1	0.04	0.03	0.03	0.03	13.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.44	-0.26	-0.49	-0.10		ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:08:06	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.28	0.31	0.17	0.25	28.48	ppb
Molybdenum	95-1	0.41	0.40	0.33	0.38	11.67	ppb
Molybdenum	96-1	0.42	0.38	0.32	0.37	13.24	ppb
Molybdenum	97-1	0.46	0.44	0.38	0.42	9.72	ppb
Molybdenum	98-1	0.44	0.40	0.31	0.39	17.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.02	0.00		ppb
Phosphorus	31-2	-27.74	-22.06	-27.98	-25.93		ppb
Potassium	39-2	0.21	4.28	-2.10	0.80	405.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	-0.37	0.20	0.19	0.01	3491.29	ppb
Selenium	78-2	-0.32	0.07	-0.34	-0.20		ppb
Selenium	82-1	0.36	0.15	-0.03	0.16	124.76	ppb
Silicon	28-1	1.11	0.24	0.53	0.63	71.24	ppb
Silver	109-1	0.02	0.01	0.01	0.01	58.26	ppb
Silver	107-1	0.00	0.01	0.01	0.01	53.38	ppb
Sodium	23-2	21.84	21.80	21.80	21.81	0.10	ppb
Strontium	86-1	0.01	-0.01	-0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-626.87	-606.56	-554.62	-596.02		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.05	0.04	0.04	9.98	ppb
Thallium	205-1	0.06	0.05	0.05	0.06	9.54	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.97	ppb
Tin	118-1	0.01	-0.01	0.02	0.01	203.70	ppb
Titanium	47-1	0.16	0.12	0.16	0.15	16.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	157.85	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:08:06	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-5.16	-5.31	-5.28	-5.25		ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	82.96	ppb
Zirconium	91-1	-0.02	0.03	0.02	0.01	332.32	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:11:43 DataFile Name : 012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89784.72	89289.06	88648.00	89240.59	0.64	ppb
Antimony	121-1	1.09	1.17	1.20	1.15	5.19	ppb
Arsenic	75-1	1.41	1.81	1.50	1.57	13.20	ppb
Barium	135-1	1.50	1.49	1.35	1.45	5.95	ppb
Barium	137-1	1.41	1.39	1.37	1.39	1.11	ppb
Beryllium	9-1	0.29	0.35	0.30	0.31	10.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	6.34	7.21	5.86	6.47	10.53	ppb
Boron	11-1	7.55	7.33	7.45	7.44	1.51	ppb
Cadmium	111-1	0.09	0.26	0.22	0.19	45.41	ppb
Cadmium	106-1	-1.79	-1.14	-1.70	-1.54		ppb
Cadmium	108-1	10.42	9.57	9.35	9.78	5.74	ppb
Calcium	43-1	96369.05	96476.61	96972.11	96605.92	0.33	ppb
Calcium	44-1	97086.88	97271.81	97993.68	97450.79	0.49	ppb
Chromium	52-2	19.16	19.24	19.48	19.29	0.88	ppb
Cobalt	59-2	1.24	1.20	1.19	1.21	1.85	ppb
Copper	63-2	6.91	7.25	6.95	7.04	2.66	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				105		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	101704.87	100248.57	99846.74	100600.06	0.97	ppb
Iron	57-2	100220.60	99715.05	98766.36	99567.34	0.74	ppb
Krypton	83-1						cps
Lead	206-1	4.80	4.76	4.74	4.77	0.67	ppb
Lead	207-1	4.30	4.27	4.17	4.25	1.64	ppb
Lead	208-1	4.45	4.43	4.38	4.42	0.81	ppb
Lithium	6-1				101		%
Magnesium	24-2	101365.73	101160.04	100150.74	100892.17	0.64	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:11:43	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.32	7.71	7.66	7.56	2.83	ppb
Molybdenum	94-1	1232.88	1210.00	1216.76	1219.88	0.96	ppb
Molybdenum	95-1	1776.14	1757.04	1758.21	1763.80	0.61	ppb
Molybdenum	96-1	1700.58	1692.58	1698.98	1697.38	0.25	ppb
Molybdenum	97-1	1737.51	1720.60	1744.03	1734.05	0.70	ppb
Molybdenum	98-1	1766.34	1753.25	1768.49	1762.70	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.26	5.38	5.45	5.36	1.75	ppb
Phosphorus	31-2	97743.36	96959.41	95815.95	96839.57	1.00	ppb
Potassium	39-2	99483.89	98798.90	97615.36	98632.72	0.96	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	-0.37	0.19	0.76	0.20	287.01	ppb
Selenium	78-2	-0.25	-0.43	0.05	-0.21		ppb
Selenium	82-1	-0.04	0.12	0.31	0.13	129.99	ppb
Silicon	28-1	20.17	20.54	20.49	20.40	0.99	ppb
Silver	109-1	0.03	0.03	0.03	0.03	10.77	ppb
Silver	107-1	0.03	0.04	0.03	0.03	26.89	ppb
Sodium	23-2	101241.95	100886.86	98808.88	100312.56	1.31	ppb
Strontium	86-1	32.93	32.63	32.87	32.81	0.48	ppb
Strontium	88-1	32.23	32.04	32.24	32.17	0.36	ppb
Sulfur	34-1	99620.47	99312.46	100230.84	99721.26	0.47	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.19	0.23	0.21	0.21	8.99	ppb
Thallium	205-1	0.19	0.20	0.22	0.21	7.20	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	13.87	ppb
Tin	118-1	0.17	0.18	0.16	0.17	7.42	ppb
Titanium	47-1	1948.81	1929.62	1941.98	1940.14	0.50	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	34.64	ppb
Vanadium	51-2	0.18	0.18	0.18	0.18	1.92	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:11:43	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.93	11.03	11.20	11.06	1.23	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	30.09	ppb
Zirconium	91-1	0.03	0.02	0.06	0.04	52.42	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:15:20	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88842.96	89448.43	86741.84	88344.41	1.61	ppb
Antimony	121-1	20.17	20.03	20.17	20.13	0.40	ppb
Arsenic	75-1	20.12	20.60	20.55	20.42	1.30	ppb
Barium	135-1	21.21	20.98	21.04	21.08	0.55	ppb
Barium	137-1	20.44	20.55	20.43	20.47	0.31	ppb
Beryllium	9-1	19.78	19.81	19.72	19.77	0.24	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	69.53	75.34	70.64	71.84	4.29	ppb
Boron	11-1	70.84	71.32	72.46	71.54	1.16	ppb
Cadmium	111-1	18.54	18.11	18.04	18.23	1.48	ppb
Cadmium	106-1	23.71	22.14	23.92	23.25	4.19	ppb
Cadmium	108-1	31.69	30.30	31.47	31.15	2.39	ppb
Calcium	43-1	95979.23	95362.74	96953.46	96098.48	0.83	ppb
Calcium	44-1	97032.28	96893.92	98066.59	97330.93	0.66	ppb
Chromium	52-2	37.78	38.34	37.78	37.97	0.85	ppb
Cobalt	59-2	20.74	20.63	20.30	20.55	1.12	ppb
Copper	63-2	25.21	25.34	24.82	25.12	1.08	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				96		%
Indium	115-2				94		%
Iron	56-2	99826.10	100989.45	98094.47	99636.68	1.46	ppb
Iron	57-2	98833.74	100039.07	97593.78	98822.20	1.24	ppb
Krypton	83-1						cps
Lead	206-1	24.67	24.31	24.59	24.52	0.77	ppb
Lead	207-1	23.09	22.89	22.97	22.98	0.43	ppb
Lead	208-1	23.39	23.25	23.39	23.34	0.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	100163.13	101021.24	98238.21	99807.53	1.43	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:15:20	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.05	26.81	26.11	26.33	1.61	ppb
Molybdenum	94-1	1339.21	1327.67	1340.50	1335.79	0.53	ppb
Molybdenum	95-1	1802.19	1788.50	1811.49	1800.72	0.64	ppb
Molybdenum	96-1	1748.34	1740.58	1755.14	1748.02	0.42	ppb
Molybdenum	97-1	1771.16	1768.74	1773.27	1771.06	0.13	ppb
Molybdenum	98-1	1802.75	1804.24	1803.90	1803.63	0.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.09	24.97	24.54	24.87	1.17	ppb
Phosphorus	31-2	94845.69	96349.40	93755.11	94983.40	1.37	ppb
Potassium	39-2	98082.34	98823.80	95947.79	97617.98	1.53	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	22.59	23.20	11.01	18.93	36.27	ppb
Selenium	78-2	21.11	19.44	18.28	19.61	7.23	ppb
Selenium	82-1	19.22	18.68	19.63	19.18	2.47	ppb
Silicon	28-1	80.76	81.17	82.30	81.41	0.98	ppb
Silver	109-1	17.23	17.35	17.25	17.28	0.39	ppb
Silver	107-1	17.22	17.16	17.10	17.16	0.34	ppb
Sodium	23-2	99814.57	100357.03	97534.24	99235.28	1.51	ppb
Strontium	86-1	102.49	102.33	102.84	102.55	0.26	ppb
Strontium	88-1	102.57	101.12	102.39	102.03	0.77	ppb
Sulfur	34-1	98548.27	98604.76	100261.56	99138.20	0.98	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	19.57	19.42	19.62	19.54	0.53	ppb
Thallium	205-1	19.67	19.56	20.02	19.75	1.22	ppb
Thorium	232-1	0.05	0.06	0.05	0.05	4.31	ppb
Tin	118-1	61.58	60.16	60.67	60.80	1.18	ppb
Titanium	47-1	1977.15	1966.53	1987.56	1977.08	0.53	ppb
Uranium	238-1	60.21	60.00	59.89	60.03	0.27	ppb
Vanadium	51-2	18.99	19.47	18.72	19.06	1.98	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:15:20	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	25.66	27.38	27.32	26.79	3.65	ppb
Zirconium	90-1	58.81	58.65	58.72	58.73	0.14	ppb
Zirconium	91-1	59.32	59.54	59.07	59.31	0.40	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:18:58	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50750.74	50110.50	50903.15	50588.13	0.83	ppb
Antimony	121-1	478.59	476.32	471.07	475.33	0.81	ppb
Arsenic	75-1	517.56	518.03	518.89	518.16	0.13	ppb
Barium	135-1	2425.75	2428.30	2420.86	2424.97	0.16	ppb
Barium	137-1	2455.12	2447.59	2440.46	2447.72	0.30	ppb
Beryllium	9-1	489.04	493.53	490.48	491.02	0.47	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	466.62	489.38	479.67	478.56	2.39	ppb
Boron	11-1	459.66	479.62	487.94	475.74	3.06	ppb
Cadmium	111-1	507.48	501.42	503.06	503.99	0.62	ppb
Cadmium	106-1	507.41	508.97	507.16	507.85	0.19	ppb
Cadmium	108-1	510.37	503.80	509.34	507.84	0.70	ppb
Calcium	43-1	240695.62	239441.95	240025.98	240054.52	0.26	ppb
Calcium	44-1	243094.77	242520.70	241747.30	242454.26	0.28	ppb
Chromium	52-2	494.74	486.48	498.18	493.13	1.22	ppb
Cobalt	59-2	484.64	478.02	485.29	482.65	0.83	ppb
Copper	63-2	991.07	980.89	994.85	988.94	0.73	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				95		%
Indium	115-2				93		%
Iron	56-2	125427.87	122998.44	125541.76	124656.02	1.15	ppb
Iron	57-2	123894.26	122986.57	125250.00	124043.61	0.92	ppb
Krypton	83-1						cps
Lead	206-1	490.15	495.34	492.83	492.77	0.53	ppb
Lead	207-1	490.51	494.14	491.45	492.04	0.38	ppb
Lead	208-1	489.48	493.66	491.70	491.61	0.43	ppb
Lithium	6-1				97		%
Magnesium	24-2	249347.08	246901.63	251475.61	249241.44	0.92	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:18:58	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	967.27	952.14	971.58	963.66	1.06	ppb
Molybdenum	94-1	2444.87	2448.99	2457.29	2450.38	0.26	ppb
Molybdenum	95-1	2436.90	2442.96	2454.56	2444.81	0.37	ppb
Molybdenum	96-1	2442.12	2443.50	2453.82	2446.48	0.26	ppb
Molybdenum	97-1	2399.79	2391.43	2401.23	2397.48	0.22	ppb
Molybdenum	98-1	2443.97	2449.81	2446.31	2446.70	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.21	475.11	485.04	481.12	1.10	ppb
Phosphorus	31-2	9657.99	9700.62	10073.48	9810.70	2.33	ppb
Potassium	39-2	124773.76	123735.32	125537.59	124682.23	0.73	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	77-2	468.43	460.74	448.22	459.13	2.22	ppb
Selenium	78-2	450.00	458.94	473.15	460.70	2.53	ppb
Selenium	82-1	458.13	461.03	458.02	459.06	0.37	ppb
Silicon	28-1	554.84	568.46	578.15	567.15	2.06	ppb
Silver	109-1	493.09	492.34	488.62	491.35	0.49	ppb
Silver	107-1	486.20	482.58	481.79	483.52	0.49	ppb
Sodium	23-2	248313.15	245458.53	250507.10	248092.93	1.02	ppb
Strontium	86-1	481.02	483.20	484.11	482.78	0.33	ppb
Strontium	88-1	484.74	486.24	484.24	485.07	0.21	ppb
Sulfur	34-1	9966.85	9846.67	9847.95	9887.16	0.70	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	491.73	495.40	496.31	494.48	0.49	ppb
Thallium	205-1	498.06	499.82	496.75	498.21	0.31	ppb
Thorium	232-1	507.00	507.82	509.34	508.06	0.23	ppb
Tin	118-1	476.42	479.89	476.38	477.56	0.42	ppb
Titanium	47-1	2456.26	2423.76	2432.74	2437.59	0.69	ppb
Uranium	238-1	507.33	509.17	509.52	508.67	0.23	ppb
Vanadium	51-2	494.03	484.14	495.73	491.30	1.27	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:18:58	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1004.30	986.99	1014.34	1001.88	1.38	ppb
Zirconium	90-1	479.77	482.84	490.14	484.25	1.10	ppb
Zirconium	91-1	485.62	486.76	485.50	485.96	0.14	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : CCB81 Instrumnet Name : P7
 Client Sample ID : CCB81 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:22:35 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	1.00	1.43	1.10	26.20	ppb
Antimony	121-1	0.36	0.34	0.41	0.37	9.28	ppb
Arsenic	75-1	0.22	0.41	0.08	0.24	68.51	ppb
Barium	135-1	0.18	0.13	0.10	0.14	30.40	ppb
Barium	137-1	0.20	0.10	0.08	0.13	53.09	ppb
Beryllium	9-1	0.10	0.10	0.07	0.09	21.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	18.41	17.22	16.64	17.42	5.19	ppb
Boron	11-1	18.02	16.69	15.51	16.74	7.50	ppb
Cadmium	111-1	-0.02	0.13	0.01	0.04	208.46	ppb
Cadmium	106-1	-1.15	0.69	-0.54	-0.33		ppb
Cadmium	108-1	0.01	-0.04	-0.04	-0.02		ppb
Calcium	43-1	21.28	11.21	4.08	12.19	70.92	ppb
Calcium	44-1	18.23	9.71	6.81	11.59	51.22	ppb
Chromium	52-2	0.02	0.03	0.05	0.03	49.72	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	76.74	ppb
Copper	63-2	0.07	0.07	0.10	0.08	18.88	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				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	4.23	3.95	4.03	4.07	3.58	ppb
Iron	57-2	3.37	3.13	4.63	3.71	21.66	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.16	0.12	0.15	16.41	ppb
Lead	207-1	0.17	0.18	0.12	0.16	18.65	ppb
Lead	208-1	0.17	0.16	0.13	0.16	12.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	4.21	5.55	3.31	4.36	25.79	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:22:35	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	-0.01	0.00	327.05	ppb
Molybdenum	94-1	0.53	0.39	0.38	0.43	19.54	ppb
Molybdenum	95-1	0.52	0.38	0.41	0.44	17.88	ppb
Molybdenum	96-1	0.47	0.42	0.43	0.44	5.54	ppb
Molybdenum	97-1	0.51	0.41	0.35	0.42	20.07	ppb
Molybdenum	98-1	0.49	0.44	0.39	0.44	12.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.01	0.01	-0.01		ppb
Phosphorus	31-2	-33.81	-28.44	-31.25	-31.16		ppb
Potassium	39-2	14.13	12.52	7.73	11.46	29.04	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	-0.37	0.17	-0.37	-0.19		ppb
Selenium	78-2	-0.65	-0.31	0.05	-0.31		ppb
Selenium	82-1	0.29	0.01	0.24	0.18	83.24	ppb
Silicon	28-1	2.84	2.00	1.99	2.28	21.41	ppb
Silver	109-1	0.06	0.06	0.04	0.06	20.94	ppb
Silver	107-1	0.06	0.04	0.05	0.05	18.81	ppb
Sodium	23-2	48.11	46.67	48.89	47.89	2.35	ppb
Strontium	86-1	0.03	0.03	0.02	0.03	10.67	ppb
Strontium	88-1	0.03	0.02	0.02	0.03	31.05	ppb
Sulfur	34-1	-538.72	-498.18	-460.27	-499.06		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.18	0.14	0.17	0.16	13.34	ppb
Thallium	205-1	0.20	0.17	0.16	0.17	12.18	ppb
Thorium	232-1	0.08	0.07	0.06	0.07	12.58	ppb
Tin	118-1	0.17	0.19	0.17	0.18	5.42	ppb
Titanium	47-1	0.19	0.26	0.12	0.19	38.23	ppb
Uranium	238-1	0.04	0.03	0.01	0.03	51.12	ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	113.42	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:22:35	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-5.24	-5.32	-5.16	-5.24		ppb
Zirconium	90-1	0.09	0.05	0.06	0.07	27.43	ppb
Zirconium	91-1	0.04	0.03	0.04	0.04	11.65	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:26:11	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.50	21.45	17.26	18.74	12.54	ppb
Antimony	121-1	2.09	2.03	2.03	2.05	1.67	ppb
Arsenic	75-1	0.85	1.25	1.16	1.09	19.37	ppb
Barium	135-1	10.09	10.16	10.15	10.13	0.37	ppb
Barium	137-1	9.95	9.80	9.90	9.88	0.77	ppb
Beryllium	9-1	1.25	1.04	1.06	1.12	10.05	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	30.48	29.57	33.77	31.27	7.06	ppb
Boron	11-1	33.18	31.57	30.53	31.76	4.20	ppb
Cadmium	111-1	1.00	0.92	0.88	0.93	6.48	ppb
Cadmium	106-1	1.41	0.37	-0.56	0.41	242.39	ppb
Cadmium	108-1	1.20	1.31	1.05	1.19	11.17	ppb
Calcium	43-1	470.21	499.89	496.76	488.95	3.34	ppb
Calcium	44-1	490.56	484.88	479.23	484.89	1.17	ppb
Chromium	52-2	2.02	1.98	1.82	1.94	5.32	ppb
Cobalt	59-2	1.04	1.02	1.02	1.03	1.04	ppb
Copper	63-2	2.00	2.03	2.01	2.01	0.73	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				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	56.38	55.86	56.31	56.18	0.49	ppb
Iron	57-2	51.09	60.00	52.26	54.45	8.90	ppb
Krypton	83-1						cps
Lead	206-1	1.06	0.97	0.96	1.00	5.16	ppb
Lead	207-1	1.05	1.01	1.02	1.03	2.17	ppb
Lead	208-1	1.01	1.00	0.99	1.00	1.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	523.06	526.06	517.79	522.30	0.80	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:26:11	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.13	0.94	1.04	8.99	ppb
Molybdenum	94-1	4.54	4.52	4.65	4.57	1.55	ppb
Molybdenum	95-1	4.78	4.42	4.57	4.59	3.93	ppb
Molybdenum	96-1	4.80	4.92	4.83	4.85	1.33	ppb
Molybdenum	97-1	4.59	4.61	5.03	4.74	5.22	ppb
Molybdenum	98-1	4.70	4.58	4.78	4.68	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.12	1.16	1.12	2.89	ppb
Phosphorus	31-2	19.15	8.17	36.72	21.35	67.46	ppb
Potassium	39-2	519.50	508.61	516.29	514.80	1.09	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	3.35	3.85	3.83	3.67	7.76	ppb
Selenium	78-2	4.97	5.88	6.00	5.61	10.05	ppb
Selenium	82-1	5.76	5.61	5.69	5.68	1.26	ppb
Silicon	28-1	9.19	9.49	9.24	9.31	1.70	ppb
Silver	109-1	1.03	1.02	1.04	1.03	0.57	ppb
Silver	107-1	1.02	1.03	0.94	1.00	4.66	ppb
Sodium	23-2	519.64	525.31	516.38	520.44	0.87	ppb
Strontium	86-1	0.94	0.99	0.93	0.95	3.57	ppb
Strontium	88-1	0.94	0.95	0.93	0.94	0.97	ppb
Sulfur	34-1	-399.43	-481.43	-369.16	-416.67		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.95	0.95	0.98	0.96	1.85	ppb
Thallium	205-1	0.97	0.98	0.94	0.96	1.72	ppb
Thorium	232-1	0.81	0.83	0.83	0.82	1.04	ppb
Tin	118-1	5.12	5.27	5.14	5.18	1.58	ppb
Titanium	47-1	5.06	5.03	4.94	5.01	1.33	ppb
Uranium	238-1	0.84	0.87	0.84	0.85	1.60	ppb
Vanadium	51-2	5.05	5.13	5.12	5.10	0.90	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:26:11	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.02	4.82	5.60	5.15	7.81	ppb
Zirconium	90-1	0.90	0.88	0.86	0.88	2.36	ppb
Zirconium	91-1	0.89	0.91	0.86	0.89	2.91	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : PB122580BL Instrumnet Name : P7
 Client Sample ID : PB122580BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:29:47 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.25	-0.03	0.16	100.28	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	8.67	ppb
Arsenic	75-1	0.05	0.14	0.00	0.06	116.81	ppb
Barium	135-1	-0.01	0.00	0.03	0.00	407.72	ppb
Barium	137-1	0.02	0.02	0.02	0.02	6.89	ppb
Beryllium	9-1	0.05	0.02	0.02	0.03	58.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	6.65	5.34	5.53	5.84	12.12	ppb
Boron	11-1	6.50	6.14	6.76	6.47	4.82	ppb
Cadmium	111-1	0.10	0.00	-0.01	0.03	195.90	ppb
Cadmium	106-1	1.19	-0.04	-0.23	0.31	250.74	ppb
Cadmium	108-1	0.01	-0.07	0.04	0.00		ppb
Calcium	43-1	3.08	-0.12	2.48	1.81	93.86	ppb
Calcium	44-1	-1.09	0.87	1.71	0.50	289.27	ppb
Chromium	52-2	0.01	0.01	0.01	0.01	23.66	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.06	0.03	0.05	41.56	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				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	0.33	0.29	0.48	0.37	27.46	ppb
Iron	57-2	-0.54	-1.44	-1.58	-1.18		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.07	0.06	13.01	ppb
Lead	207-1	0.08	0.09	0.05	0.07	28.88	ppb
Lead	208-1	0.06	0.07	0.06	0.06	5.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.93	2.17	1.93	2.01	7.04	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : PB122580BL Instrumnet Name : P7
 Client Sample ID : PB122580BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:29:47 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.03	0.00	466.31	ppb
Molybdenum	94-1	0.03	0.03	0.05	0.03	32.56	ppb
Molybdenum	95-1	0.02	0.04	0.04	0.04	28.42	ppb
Molybdenum	96-1	0.03	0.04	0.03	0.03	9.39	ppb
Molybdenum	97-1	0.05	0.04	0.06	0.05	27.78	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	7.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	-23.68	-26.39	-28.99	-26.36		ppb
Potassium	39-2	5.36	0.26	8.03	4.55	86.80	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.71	-0.18	0.08	-0.27		ppb
Selenium	82-1	-0.28	0.17	0.08	-0.01		ppb
Silicon	28-1	0.46	0.38	0.55	0.46	18.10	ppb
Silver	109-1	0.01	0.01	0.02	0.01	27.00	ppb
Silver	107-1	0.01	0.02	0.00	0.01	95.14	ppb
Sodium	23-2	17.74	18.32	17.64	17.90	2.05	ppb
Strontium	86-1	0.01	0.00	0.04	0.02	109.80	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	30.62	ppb
Sulfur	34-1	-464.67	-431.97	-366.55	-421.06		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.01	0.03	55.06	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	9.33	ppb
Thorium	232-1	0.00	0.01	0.00	0.01	52.82	ppb
Tin	118-1	0.04	0.03	0.01	0.03	67.40	ppb
Titanium	47-1	0.04	-0.01	-0.01	0.01	287.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	211.45	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	363.22	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	PB122580BL	Instrumnet Name :	P7
Client Sample ID :	PB122580BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:29:47	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.23	3.30	2.83	3.12	8.03	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	28.30	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	113.98	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	PB122580BS	Instrumnet Name :	P7
Client Sample ID :	PB122580BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:33:23	DataFile Name :	018DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9828.83	9834.94	9932.16	9865.31	0.59	ppb
Antimony	121-1	499.77	494.03	496.06	496.62	0.59	ppb
Arsenic	75-1	502.41	501.44	501.30	501.72	0.12	ppb
Barium	135-1	2475.50	2474.90	2457.16	2469.19	0.42	ppb
Barium	137-1	2484.41	2489.83	2470.36	2481.53	0.40	ppb
Beryllium	9-1	505.07	499.74	503.55	502.79	0.55	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	466.58	475.28	478.91	473.59	1.34	ppb
Boron	11-1	466.97	475.95	478.31	473.74	1.26	ppb
Cadmium	111-1	477.62	472.41	469.82	473.28	0.84	ppb
Cadmium	106-1	491.90	475.56	479.85	482.44	1.76	ppb
Cadmium	108-1	485.05	481.79	467.47	478.10	1.96	ppb
Calcium	43-1	50903.95	50827.31	51186.06	50972.44	0.37	ppb
Calcium	44-1	51534.34	51439.40	51594.77	51522.84	0.15	ppb
Chromium	52-2	495.50	490.02	498.99	494.84	0.91	ppb
Cobalt	59-2	498.61	495.73	500.89	498.41	0.52	ppb
Copper	63-2	940.88	936.47	950.34	942.56	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	26357.14	26119.43	26394.51	26290.36	0.57	ppb
Iron	57-2	26012.22	25801.39	26373.97	26062.53	1.11	ppb
Krypton	83-1						cps
Lead	206-1	488.44	489.15	489.60	489.06	0.12	ppb
Lead	207-1	488.53	486.10	486.31	486.98	0.28	ppb
Lead	208-1	485.34	485.23	485.98	485.51	0.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	52907.03	52686.50	52985.95	52859.83	0.29	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	PB122580BS	Instrumnet Name :	P7
Client Sample ID :	PB122580BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:33:23	DataFile Name :	018DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.15	985.64	1000.42	992.74	0.75	ppb
Molybdenum	94-1	2451.56	2459.51	2455.60	2455.56	0.16	ppb
Molybdenum	95-1	2448.69	2462.89	2450.71	2454.10	0.31	ppb
Molybdenum	96-1	2446.91	2463.50	2452.57	2454.33	0.34	ppb
Molybdenum	97-1	2407.55	2415.21	2411.68	2411.48	0.16	ppb
Molybdenum	98-1	2448.60	2458.52	2456.86	2454.66	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.14	501.15	508.24	504.84	0.70	ppb
Phosphorus	31-2	10224.82	9988.43	9804.61	10005.95	2.11	ppb
Potassium	39-2	25539.16	25276.68	25638.18	25484.67	0.73	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	526.76	502.44	500.74	509.98	2.85	ppb
Selenium	78-2	512.05	513.21	508.11	511.12	0.52	ppb
Selenium	82-1	504.62	506.82	500.57	504.00	0.63	ppb
Silicon	28-1	631.65	647.87	652.33	643.95	1.69	ppb
Silver	109-1	478.30	473.40	471.86	474.52	0.71	ppb
Silver	107-1	473.82	469.63	468.03	470.49	0.64	ppb
Sodium	23-2	51955.70	51694.17	52352.09	52000.66	0.64	ppb
Strontium	86-1	485.77	484.99	483.59	484.78	0.23	ppb
Strontium	88-1	488.86	490.89	486.83	488.86	0.42	ppb
Sulfur	34-1	10382.45	10135.88	10022.72	10180.35	1.81	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	486.64	486.57	487.51	486.91	0.11	ppb
Thallium	205-1	491.34	495.88	492.63	493.28	0.47	ppb
Thorium	232-1	479.74	480.30	485.16	481.73	0.62	ppb
Tin	118-1	497.95	493.65	493.91	495.17	0.49	ppb
Titanium	47-1	2454.69	2460.25	2465.99	2460.31	0.23	ppb
Uranium	238-1	483.16	480.21	488.86	484.07	0.91	ppb
Vanadium	51-2	495.78	490.94	495.94	494.22	0.57	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	PB122580BS	Instrumnet Name :	P7
Client Sample ID :	PB122580BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:33:23	DataFile Name :	018DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1004.85	1004.81	1011.36	1007.01	0.37	ppb
Zirconium	90-1	480.24	481.66	477.05	479.65	0.49	ppb
Zirconium	91-1	483.15	483.68	481.99	482.94	0.18	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4531-01	Instrumnet Name :	P7
Client Sample ID :	390819185.9	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:36:59	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.37	8.89	8.34	8.54	3.63	ppb
Antimony	121-1	0.62	0.53	0.64	0.59	9.69	ppb
Arsenic	75-1	0.61	0.55	0.78	0.65	17.85	ppb
Barium	135-1	33.81	32.93	32.96	33.23	1.50	ppb
Barium	137-1	33.10	33.48	33.68	33.42	0.87	ppb
Beryllium	9-1	0.05	0.07	0.04	0.06	22.99	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	43.02	44.20	41.53	42.92	3.13	ppb
Boron	11-1	44.71	45.09	43.54	44.45	1.81	ppb
Cadmium	111-1	0.18	0.05	0.09	0.10	65.15	ppb
Cadmium	106-1	1.27	0.03	0.30	0.54	121.63	ppb
Cadmium	108-1	0.12	0.06	0.09	0.09	29.33	ppb
Calcium	43-1	80527.56	80976.89	81195.57	80900.01	0.42	ppb
Calcium	44-1	82200.66	82265.90	82428.02	82298.19	0.14	ppb
Chromium	52-2	1.98	1.99	1.90	1.96	2.50	ppb
Cobalt	59-2	0.25	0.25	0.24	0.25	2.79	ppb
Copper	63-2	1229.88	1235.56	1227.72	1231.05	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	2345.45	2338.64	2348.85	2344.31	0.22	ppb
Iron	57-2	2564.59	2576.51	2594.12	2578.41	0.58	ppb
Krypton	83-1						cps
Lead	206-1	673.74	668.60	668.72	670.35	0.44	ppb
Lead	207-1	631.43	624.83	628.26	628.17	0.53	ppb
Lead	208-1	653.48	648.26	649.72	650.49	0.41	ppb
Lithium	6-1				105		%
Magnesium	24-2	47390.34	47462.33	47181.98	47344.88	0.31	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4531-01	Instrumnet Name :	P7
Client Sample ID :	390819185.9	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:36:59	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.16	15.93	16.28	16.12	1.09	ppb
Molybdenum	94-1	0.45	0.36	0.27	0.36	23.96	ppb
Molybdenum	95-1	0.39	0.32	0.37	0.36	9.68	ppb
Molybdenum	96-1	0.43	0.39	0.33	0.38	13.63	ppb
Molybdenum	97-1	0.43	0.39	0.34	0.39	11.99	ppb
Molybdenum	98-1	0.44	0.35	0.32	0.37	17.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.33	1.21	1.22	1.25	5.44	ppb
Phosphorus	31-2	-20.56	-15.29	-7.15	-14.33		ppb
Potassium	39-2	2963.98	2922.59	2956.19	2947.59	0.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	0.17	-0.37	-0.37	-0.19		ppb
Selenium	78-2	0.29	0.29	-0.13	0.15	159.64	ppb
Selenium	82-1	1.14	0.75	0.80	0.90	23.79	ppb
Silicon	28-1	8221.12	8249.69	8216.17	8228.99	0.22	ppb
Silver	109-1	0.19	0.15	0.17	0.17	12.56	ppb
Silver	107-1	0.18	0.21	0.17	0.18	13.45	ppb
Sodium	23-2	114725.43	114141.61	113610.42	114159.15	0.49	ppb
Strontium	86-1	195.50	195.49	193.29	194.76	0.65	ppb
Strontium	88-1	194.09	193.69	192.68	193.49	0.37	ppb
Sulfur	34-1	5429.77	5355.14	5367.76	5384.22	0.74	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.11	0.08	0.10	18.67	ppb
Thallium	205-1	0.14	0.13	0.11	0.13	10.17	ppb
Thorium	232-1	0.09	0.09	0.07	0.08	13.49	ppb
Tin	118-1	2.60	2.41	3.15	2.72	14.16	ppb
Titanium	47-1	0.91	0.87	0.85	0.88	3.62	ppb
Uranium	238-1	0.38	0.36	0.35	0.36	4.39	ppb
Vanadium	51-2	0.13	0.08	0.12	0.11	22.55	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4531-01	Instrumnet Name :	P7
Client Sample ID :	390819185.9	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:36:59	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	85.48	85.39	85.87	85.58	0.30	ppb
Zirconium	90-1	0.06	0.05	0.06	0.06	7.71	ppb
Zirconium	91-1	0.08	0.09	0.05	0.08	26.74	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : K4532-01 Instrumnet Name : P7
 Client Sample ID : 390816110.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:40:36 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	166.37	184.70	183.34	178.14	5.73	ppb
Antimony	121-1	0.21	0.18	0.19	0.20	6.98	ppb
Arsenic	75-1	0.24	0.22	0.20	0.22	9.09	ppb
Barium	135-1	23.44	23.78	23.40	23.54	0.88	ppb
Barium	137-1	23.31	23.39	23.36	23.35	0.18	ppb
Beryllium	9-1	0.06	0.04	0.07	0.06	21.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	125.94	132.78	138.46	132.39	4.74	ppb
Boron	11-1	128.97	135.42	135.43	133.27	2.80	ppb
Cadmium	111-1	-0.06	0.03	-0.03	-0.02		ppb
Cadmium	106-1	-1.02	0.10	-0.50	-0.48		ppb
Cadmium	108-1	0.07	0.07	0.10	0.08	23.68	ppb
Calcium	43-1	7273.05	7372.52	7526.28	7390.62	1.73	ppb
Calcium	44-1	7262.92	7291.40	7298.44	7284.25	0.26	ppb
Chromium	52-2	0.63	0.60	0.62	0.62	2.61	ppb
Cobalt	59-2	0.11	0.09	0.08	0.09	16.62	ppb
Copper	63-2	9.31	9.42	9.40	9.37	0.63	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				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	1095.75	1104.68	1097.62	1099.35	0.43	ppb
Iron	57-2	1129.08	1106.90	1144.15	1126.71	1.66	ppb
Krypton	83-1						cps
Lead	206-1	1.23	1.28	1.29	1.27	2.47	ppb
Lead	207-1	1.23	1.24	1.24	1.24	0.46	ppb
Lead	208-1	1.22	1.24	1.25	1.24	1.49	ppb
Lithium	6-1				103		%
Magnesium	24-2	3495.86	3564.66	3570.15	3543.56	1.17	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : K4532-01 Instrumnet Name : P7
 Client Sample ID : 390816110.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:40:36 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.18	11.65	11.29	11.38	2.18	ppb
Molybdenum	94-1	0.68	0.68	1.52	0.96	50.56	ppb
Molybdenum	95-1	0.77	0.67	0.66	0.70	8.44	ppb
Molybdenum	96-1	0.77	0.73	0.77	0.76	3.21	ppb
Molybdenum	97-1	0.70	0.71	0.72	0.71	1.88	ppb
Molybdenum	98-1	0.72	0.71	0.79	0.74	5.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	0.96	0.96	1.02	9.88	ppb
Phosphorus	31-2	-14.41	-5.90	-17.00	-12.44		ppb
Potassium	39-2	860.56	870.51	858.19	863.09	0.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.12	-0.54	0.10	-0.19		ppb
Selenium	82-1	0.01	0.01	-0.10	-0.03		ppb
Silicon	28-1	4221.71	4306.09	4316.82	4281.54	1.22	ppb
Silver	109-1	0.02	0.00	0.01	0.01	59.42	ppb
Silver	107-1	0.01	0.01	0.02	0.01	32.67	ppb
Sodium	23-2	53978.53	54658.91	54301.16	54312.87	0.63	ppb
Strontium	86-1	440.98	440.03	446.46	442.49	0.78	ppb
Strontium	88-1	445.86	450.75	449.56	448.72	0.57	ppb
Sulfur	34-1	7346.57	7589.15	7602.86	7512.86	1.92	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.02	0.03	0.03	15.99	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	29.50	ppb
Thorium	232-1	0.04	0.05	0.05	0.05	6.09	ppb
Tin	118-1	0.30	0.27	0.36	0.31	13.91	ppb
Titanium	47-1	4.37	4.41	6.07	4.95	19.53	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	15.75	ppb
Vanadium	51-2	0.21	0.27	0.30	0.26	19.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4532-01	Instrumnet Name :	P7
Client Sample ID :	390816110.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:40:36	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	71.30	72.30	71.68	71.76	0.71	ppb
Zirconium	90-1	0.14	0.29	0.14	0.19	46.86	ppb
Zirconium	91-1	0.28	0.17	0.17	0.21	31.19	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : K4534-01 Instrumnet Name : P7
 Client Sample ID : 390820014.0-KITCHEN Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:44:13 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	115.62	117.59	114.19	115.80	1.48	ppb
Antimony	121-1	0.10	0.10	0.12	0.11	12.63	ppb
Arsenic	75-1	0.28	0.29	0.29	0.29	3.37	ppb
Barium	135-1	9.96	9.67	10.02	9.88	1.90	ppb
Barium	137-1	9.68	9.31	9.44	9.48	1.97	ppb
Beryllium	9-1	0.01	0.04	0.04	0.03	65.57	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	19.81	19.17	17.04	18.67	7.76	ppb
Boron	11-1	19.60	17.77	18.81	18.72	4.90	ppb
Cadmium	111-1	0.11	0.06	-0.09	0.02	446.15	ppb
Cadmium	106-1	1.01	0.40	-1.43	-0.01		ppb
Cadmium	108-1	0.09	0.04	0.04	0.06	50.86	ppb
Calcium	43-1	12412.81	12560.11	12405.30	12459.41	0.70	ppb
Calcium	44-1	12358.20	12319.96	12414.44	12364.20	0.38	ppb
Chromium	52-2	0.10	0.08	0.06	0.08	23.38	ppb
Cobalt	59-2	0.11	0.11	0.08	0.10	19.95	ppb
Copper	63-2	6.39	6.23	6.36	6.33	1.38	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				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	70.88	72.57	71.69	71.71	1.18	ppb
Iron	57-2	113.60	103.64	110.36	109.20	4.65	ppb
Krypton	83-1						cps
Lead	206-1	446.72	452.80	446.57	448.70	0.79	ppb
Lead	207-1	435.60	436.03	435.99	435.87	0.05	ppb
Lead	208-1	439.41	441.87	437.26	439.51	0.53	ppb
Lithium	6-1				103		%
Magnesium	24-2	3665.33	3716.58	3733.14	3705.02	0.95	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4534-01	Instrumnet Name :	P7
Client Sample ID :	390820014.0-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:44:13	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	341.24	342.31	339.91	341.16	0.35	ppb
Molybdenum	94-1	0.54	0.53	0.49	0.52	4.61	ppb
Molybdenum	95-1	0.11	0.16	0.12	0.13	19.46	ppb
Molybdenum	96-1	0.15	0.17	0.16	0.16	7.85	ppb
Molybdenum	97-1	0.12	0.10	0.14	0.12	17.22	ppb
Molybdenum	98-1	0.12	0.13	0.13	0.13	6.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.76	0.73	0.77	6.96	ppb
Phosphorus	31-2	563.02	628.39	495.56	562.32	11.81	ppb
Potassium	39-2	711.02	704.72	711.43	709.06	0.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.37	-0.64	0.20	-0.27		ppb
Selenium	82-1	0.02	0.43	-0.08	0.12	218.40	ppb
Silicon	28-1	3131.71	3134.65	3158.58	3141.65	0.47	ppb
Silver	109-1	0.02	0.01	0.01	0.01	44.69	ppb
Silver	107-1	0.02	0.01	0.01	0.01	52.27	ppb
Sodium	23-2	26222.32	26296.18	26247.15	26255.22	0.14	ppb
Strontium	86-1	32.44	32.77	32.11	32.44	1.02	ppb
Strontium	88-1	32.08	32.11	32.16	32.12	0.13	ppb
Sulfur	34-1	2320.62	2275.47	2475.97	2357.35	4.46	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.00	0.01	90.95	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	24.46	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.09	ppb
Tin	118-1	0.02	0.02	0.02	0.02	15.72	ppb
Titanium	47-1	2.09	2.13	2.28	2.16	4.55	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	31.30	ppb
Vanadium	51-2	0.24	0.22	0.22	0.23	3.92	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4534-01	Instrumnet Name :	P7
Client Sample ID :	390820014.0-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:44:13	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	167.73	164.47	162.53	164.91	1.60	ppb
Zirconium	90-1	0.34	0.37	0.34	0.35	4.99	ppb
Zirconium	91-1	0.35	0.27	0.33	0.32	12.35	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4535-01	Instrumnet Name :	P7
Client Sample ID :	390814141.4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:47:50	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.72	4.51	5.97	6.40	33.43	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	7.73	ppb
Arsenic	75-1	1.53	1.34	1.10	1.32	16.19	ppb
Barium	135-1	33.01	32.82	32.70	32.85	0.47	ppb
Barium	137-1	33.02	32.16	32.07	32.41	1.61	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	19.94	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	2150.34	2235.62	2237.49	2207.81	2.25	ppb
Boron	11-1	2222.36	2299.97	2299.82	2274.05	1.97	ppb
Cadmium	111-1	-0.04	-0.03	-0.08	-0.05		ppb
Cadmium	106-1	-0.75	-0.76	-1.11	-0.88		ppb
Cadmium	108-1	0.06	0.22	0.04	0.11	94.35	ppb
Calcium	43-1	357243.92	358202.25	358193.65	357879.94	0.15	ppb
Calcium	44-1	351601.38	353561.12	353104.86	352755.79	0.29	ppb
Chromium	52-2	0.25	0.23	0.29	0.26	10.84	ppb
Cobalt	59-2	0.23	0.26	0.23	0.24	5.79	ppb
Copper	63-2	0.23	0.24	0.26	0.24	7.55	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				107		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	182.66	181.14	184.39	182.73	0.89	ppb
Iron	57-2	1209.68	1236.02	1254.62	1233.44	1.83	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.08	0.09	0.10	29.70	ppb
Lead	207-1	0.13	0.12	0.11	0.12	10.94	ppb
Lead	208-1	0.14	0.10	0.10	0.11	18.78	ppb
Lithium	6-1				106		%
Magnesium	24-2	25375.81	25395.43	25618.35	25463.20	0.53	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : K4535-01 Instrumnet Name : P7
 Client Sample ID : 390814141.4 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:47:50 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	243.18	241.89	242.49	242.52	0.27	ppb
Molybdenum	94-1	13.29	12.94	12.94	13.06	1.56	ppb
Molybdenum	95-1	18.25	18.42	17.93	18.20	1.38	ppb
Molybdenum	96-1	18.09	17.43	17.84	17.79	1.87	ppb
Molybdenum	97-1	18.48	17.84	17.86	18.06	2.01	ppb
Molybdenum	98-1	18.85	18.48	18.42	18.58	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.64	0.58	0.57	13.42	ppb
Phosphorus	31-2	-10.02	-9.90	-20.51	-13.48		ppb
Potassium	39-2	1581.21	1567.55	1581.44	1576.74	0.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	0.17	-0.37	-0.37	-0.19		ppb
Selenium	78-2	-0.67	-0.32	-0.05	-0.35		ppb
Selenium	82-1	0.50	0.90	0.86	0.75	29.60	ppb
Silicon	28-1	7173.05	7205.82	7247.07	7208.65	0.51	ppb
Silver	109-1	0.01	0.01	0.00	0.01	63.18	ppb
Silver	107-1	0.02	0.02	0.01	0.01	39.80	ppb
Sodium	23-2	112041.39	111475.49	112505.53	112007.47	0.46	ppb
Strontium	86-1	10487.00	10406.30	10328.80	10407.37	0.76	ppb
Strontium	88-1	10250.51	10249.42	10230.98	10243.64	0.11	ppb
Sulfur	34-1	309921.73	312630.61	312841.16	311797.83	0.52	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.02	0.01	0.02	74.03	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	39.11	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	18.97	ppb
Tin	118-1	0.03	0.03	0.02	0.02	28.35	ppb
Titanium	47-1	0.75	0.63	0.53	0.63	17.82	ppb
Uranium	238-1	2.89	2.87	2.88	2.88	0.37	ppb
Vanadium	51-2	0.86	0.84	0.77	0.82	5.55	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4535-01	Instrumnet Name :	P7
Client Sample ID :	390814141.4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:47:50	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-2.02	-2.17	-1.99	-2.06		ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	18.69	ppb
Zirconium	91-1	0.06	0.00	0.03	0.03	98.57	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01	Instrumnet Name :	P7
Client Sample ID :	390814061.0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:51:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	313.17	300.69	317.37	310.41	2.79	ppb
Antimony	121-1	0.83	0.88	0.81	0.84	4.40	ppb
Arsenic	75-1	0.78	0.93	0.86	0.86	9.15	ppb
Barium	135-1	6.38	6.00	6.29	6.22	3.18	ppb
Barium	137-1	6.33	6.26	6.30	6.30	0.55	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	38.18	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	93.77	86.68	85.23	88.56	5.16	ppb
Boron	11-1	97.59	93.83	88.70	93.37	4.78	ppb
Cadmium	111-1	0.10	0.02	-0.05	0.02	387.63	ppb
Cadmium	106-1	1.00	-0.36	-0.69	-0.02		ppb
Cadmium	108-1	0.45	0.42	0.72	0.53	30.45	ppb
Calcium	43-1	12909.20	12666.67	12693.72	12756.53	1.04	ppb
Calcium	44-1	12838.08	12652.76	12785.15	12758.66	0.75	ppb
Chromium	52-2	0.10	0.14	0.16	0.13	22.85	ppb
Cobalt	59-2	0.07	0.08	0.07	0.07	3.39	ppb
Copper	63-2	514.87	519.43	524.52	519.61	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	144.41	145.14	144.13	144.56	0.36	ppb
Iron	57-2	185.44	190.26	180.81	185.51	2.55	ppb
Krypton	83-1						cps
Lead	206-1	113.76	111.97	112.23	112.65	0.86	ppb
Lead	207-1	106.72	105.49	105.55	105.92	0.65	ppb
Lead	208-1	109.06	107.68	107.71	108.15	0.73	ppb
Lithium	6-1				110		%
Magnesium	24-2	3509.76	3507.84	3541.92	3519.84	0.54	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01	Instrumnet Name :	P7
Client Sample ID :	390814061.0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:51:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.96	18.53	18.66	18.38	2.01	ppb
Molybdenum	94-1	0.25	0.21	0.23	0.23	8.49	ppb
Molybdenum	95-1	0.13	0.13	0.16	0.14	10.86	ppb
Molybdenum	96-1	0.19	0.17	0.14	0.17	13.19	ppb
Molybdenum	97-1	0.16	0.15	0.14	0.15	6.76	ppb
Molybdenum	98-1	0.15	0.15	0.13	0.14	8.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.73	31.57	31.26	31.19	1.35	ppb
Phosphorus	31-2	521.77	609.11	512.54	547.81	9.73	ppb
Potassium	39-2	693.28	694.48	702.08	696.61	0.69	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.54	0.35	-0.51	-0.23		ppb
Selenium	82-1	0.30	-0.02	0.03	0.10	172.84	ppb
Silicon	28-1	2938.49	2916.00	2903.33	2919.27	0.61	ppb
Silver	109-1	0.04	0.04	0.03	0.04	12.07	ppb
Silver	107-1	0.04	0.03	0.03	0.03	10.41	ppb
Sodium	23-2	25099.52	25284.18	25374.02	25252.57	0.55	ppb
Strontium	86-1	33.36	33.01	32.55	32.98	1.23	ppb
Strontium	88-1	32.46	32.32	32.18	32.32	0.43	ppb
Sulfur	34-1	2946.87	2802.85	2637.35	2795.69	5.54	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	0.00	0.00	44.36	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	130.31	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	2.53	2.48	2.48	2.50	1.23	ppb
Titanium	47-1	0.84	0.85	0.93	0.87	5.96	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.67	ppb
Vanadium	51-2	0.18	0.16	0.16	0.16	7.52	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01	Instrumnet Name :	P7
Client Sample ID :	390814061.0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:51:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1690.01	1724.27	1741.64	1718.64	1.53	ppb
Zirconium	90-1	0.13	0.13	0.10	0.12	14.05	ppb
Zirconium	91-1	0.14	0.10	0.16	0.13	23.36	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01DUP	Instrumnet Name :	P7
Client Sample ID :	390814061.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:55:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	293.67	304.79	301.84	300.10	1.92	ppb
Antimony	121-1	0.80	0.77	0.81	0.79	2.29	ppb
Arsenic	75-1	0.56	0.66	0.57	0.60	9.44	ppb
Barium	135-1	6.05	6.66	6.17	6.29	5.08	ppb
Barium	137-1	6.20	6.17	6.15	6.17	0.37	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	18.81	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	54.03	52.64	47.35	51.34	6.86	ppb
Boron	11-1	54.81	53.61	52.02	53.48	2.62	ppb
Cadmium	111-1	0.09	0.09	0.04	0.07	38.58	ppb
Cadmium	106-1	1.04	0.98	-0.01	0.67	88.17	ppb
Cadmium	108-1	0.58	0.47	0.26	0.44	37.85	ppb
Calcium	43-1	12624.25	12441.56	12659.78	12575.20	0.93	ppb
Calcium	44-1	12740.86	12727.80	12658.15	12708.94	0.35	ppb
Chromium	52-2	0.10	0.09	0.14	0.11	21.26	ppb
Cobalt	59-2	0.07	0.06	0.07	0.07	4.11	ppb
Copper	63-2	519.66	517.12	520.65	519.14	0.35	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				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	145.96	145.01	144.84	145.27	0.42	ppb
Iron	57-2	174.24	181.15	178.32	177.90	1.95	ppb
Krypton	83-1						cps
Lead	206-1	112.29	110.94	111.52	111.58	0.61	ppb
Lead	207-1	106.95	105.54	105.17	105.89	0.89	ppb
Lead	208-1	108.10	106.76	106.89	107.25	0.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	3514.14	3466.02	3500.98	3493.71	0.71	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01DUP	Instrumnet Name :	P7
Client Sample ID :	390814061.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:55:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18.29	18.29	18.27	18.28	0.08	ppb
Molybdenum	94-1	0.24	0.27	0.23	0.25	7.25	ppb
Molybdenum	95-1	0.13	0.15	0.16	0.14	9.78	ppb
Molybdenum	96-1	0.16	0.11	0.17	0.15	19.85	ppb
Molybdenum	97-1	0.18	0.12	0.14	0.14	21.23	ppb
Molybdenum	98-1	0.13	0.15	0.13	0.13	9.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.20	31.58	31.46	31.41	0.63	ppb
Phosphorus	31-2	529.88	525.76	547.06	534.23	2.11	ppb
Potassium	39-2	714.67	701.24	697.04	704.32	1.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	-0.41	0.48	-0.76	-0.23		ppb
Selenium	82-1	0.28	0.17	0.32	0.26	29.78	ppb
Silicon	28-1	2906.28	2890.46	2894.65	2897.13	0.28	ppb
Silver	109-1	0.02	0.03	0.04	0.03	36.02	ppb
Silver	107-1	0.04	0.04	0.03	0.04	2.46	ppb
Sodium	23-2	25287.89	24947.01	25108.67	25114.52	0.68	ppb
Strontium	86-1	32.24	32.42	31.86	32.17	0.89	ppb
Strontium	88-1	31.90	32.02	31.70	31.87	0.51	ppb
Sulfur	34-1	2839.75	2835.76	2773.23	2816.24	1.32	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	528.89	ppb
Tin	118-1	2.45	2.38	2.39	2.41	1.47	ppb
Titanium	47-1	0.93	0.80	0.82	0.85	8.43	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.52	ppb
Vanadium	51-2	0.19	0.17	0.16	0.18	7.94	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01DUP	Instrumnet Name :	P7
Client Sample ID :	390814061.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:55:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1721.32	1722.49	1729.82	1724.54	0.27	ppb
Zirconium	90-1	0.11	0.10	0.10	0.10	1.45	ppb
Zirconium	91-1	0.10	0.13	0.12	0.12	11.99	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01LX5	Instrumnet Name :	P7
Client Sample ID :	390814061.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-28 14:58:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.55	63.69	67.05	62.77	7.67	ppb
Antimony	121-1	0.14	0.18	0.17	0.16	12.06	ppb
Arsenic	75-1	0.15	0.14	0.14	0.14	6.64	ppb
Barium	135-1	1.27	1.31	1.19	1.26	4.86	ppb
Barium	137-1	1.24	1.28	1.32	1.28	3.23	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	46.84	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	29.17	27.41	28.81	28.47	3.26	ppb
Boron	11-1	30.54	30.78	29.20	30.17	2.81	ppb
Cadmium	111-1	0.06	-0.10	0.07	0.01	1252.91	ppb
Cadmium	106-1	0.73	-1.46	0.58	-0.05		ppb
Cadmium	108-1	0.07	0.04	0.13	0.08	54.20	ppb
Calcium	43-1	2471.53	2481.96	2501.36	2484.95	0.61	ppb
Calcium	44-1	2537.85	2506.43	2516.96	2520.41	0.63	ppb
Chromium	52-2	0.04	0.07	0.02	0.04	53.82	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	34.41	ppb
Copper	63-2	103.20	103.43	105.00	103.87	0.94	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				100		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	28.63	29.60	29.02	29.08	1.67	ppb
Iron	57-2	37.74	29.87	33.85	33.82	11.63	ppb
Krypton	83-1						cps
Lead	206-1	21.90	22.06	22.26	22.07	0.80	ppb
Lead	207-1	21.05	20.94	20.85	20.95	0.49	ppb
Lead	208-1	21.25	21.18	21.29	21.24	0.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	682.58	688.77	693.92	688.42	0.82	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01LX5	Instrumnet Name :	P7
Client Sample ID :	390814061.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-28 14:58:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.57	3.73	3.52	3.61	3.13	ppb
Molybdenum	94-1	0.05	0.01	0.05	0.04	62.64	ppb
Molybdenum	95-1	0.01	0.02	0.04	0.03	57.61	ppb
Molybdenum	96-1	0.03	0.04	0.05	0.04	16.24	ppb
Molybdenum	97-1	0.05	0.03	0.03	0.04	39.12	ppb
Molybdenum	98-1	0.02	0.01	0.03	0.02	51.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.11	6.16	6.41	6.23	2.60	ppb
Phosphorus	31-2	92.33	76.27	87.57	85.39	9.66	ppb
Potassium	39-2	140.17	141.06	143.71	141.65	1.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	-0.37	-0.37	-0.37	-0.37		ppb
Selenium	78-2	0.44	-0.51	-0.87	-0.31		ppb
Selenium	82-1	0.04	0.10	0.07	0.07	47.20	ppb
Silicon	28-1	575.69	579.52	573.78	576.33	0.51	ppb
Silver	109-1	0.01	0.01	0.02	0.01	28.66	ppb
Silver	107-1	0.00	0.02	0.01	0.01	82.00	ppb
Sodium	23-2	4871.25	4922.09	4907.60	4900.31	0.53	ppb
Strontium	86-1	6.50	6.61	6.30	6.47	2.41	ppb
Strontium	88-1	6.37	6.29	6.22	6.29	1.17	ppb
Sulfur	34-1	425.93	400.68	508.07	444.90	12.62	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	82.31	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	2384.62	ppb
Tin	118-1	0.53	0.49	0.46	0.49	7.14	ppb
Titanium	47-1	0.22	0.18	0.19	0.20	10.44	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	25.65	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	12.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01LX5	Instrumnet Name :	P7
Client Sample ID :	390814061.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-28 14:58:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	346.56	347.05	345.97	346.52	0.16	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	36.88	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	70.11	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:02:29	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50585.30	49832.42	50739.29	50385.67	0.96	ppb
Antimony	121-1	472.16	471.05	479.77	474.33	1.00	ppb
Arsenic	75-1	516.96	514.84	524.31	518.71	0.96	ppb
Barium	135-1	2433.67	2416.92	2426.64	2425.74	0.35	ppb
Barium	137-1	2459.81	2457.76	2487.69	2468.42	0.68	ppb
Beryllium	9-1	486.74	485.99	492.68	488.47	0.75	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	485.36	478.70	498.50	487.52	2.07	ppb
Boron	11-1	480.26	487.65	495.45	487.79	1.56	ppb
Cadmium	111-1	501.72	506.43	510.05	506.07	0.83	ppb
Cadmium	106-1	506.56	510.02	521.69	512.76	1.55	ppb
Cadmium	108-1	504.26	512.73	510.09	509.03	0.85	ppb
Calcium	43-1	238939.95	240335.82	245504.18	241593.32	1.43	ppb
Calcium	44-1	242764.58	244189.14	247886.34	244946.69	1.08	ppb
Chromium	52-2	495.38	486.29	496.10	492.59	1.11	ppb
Cobalt	59-2	480.48	472.32	484.35	479.05	1.28	ppb
Copper	63-2	988.45	972.69	992.69	984.61	1.07	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				96		%
Indium	115-2				94		%
Iron	56-2	125418.98	123267.18	125761.36	124815.84	1.08	ppb
Iron	57-2	123835.15	121814.54	124118.30	123256.00	1.02	ppb
Krypton	83-1						cps
Lead	206-1	493.11	495.16	500.03	496.10	0.72	ppb
Lead	207-1	493.65	496.92	501.39	497.32	0.78	ppb
Lead	208-1	491.64	494.61	499.42	495.23	0.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	251510.74	247141.08	250610.44	249754.09	0.92	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:02:29	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	964.12	946.98	963.45	958.19	1.01	ppb
Molybdenum	94-1	2449.37	2439.90	2487.77	2459.01	1.03	ppb
Molybdenum	95-1	2435.50	2421.61	2485.39	2447.50	1.37	ppb
Molybdenum	96-1	2442.83	2433.29	2476.02	2450.71	0.92	ppb
Molybdenum	97-1	2372.86	2373.30	2410.82	2385.66	0.91	ppb
Molybdenum	98-1	2446.01	2432.50	2476.25	2451.59	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.91	472.80	485.04	478.25	1.30	ppb
Phosphorus	31-2	10109.70	9756.11	9902.49	9922.77	1.79	ppb
Potassium	39-2	125784.46	123969.57	125355.36	125036.46	0.76	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	484.41	476.37	443.61	468.13	4.62	ppb
Selenium	78-2	461.11	457.86	457.54	458.84	0.43	ppb
Selenium	82-1	454.60	454.45	464.64	457.89	1.28	ppb
Silicon	28-1	551.11	570.31	585.97	569.13	3.07	ppb
Silver	109-1	491.25	495.21	496.26	494.24	0.53	ppb
Silver	107-1	483.51	485.92	488.02	485.82	0.47	ppb
Sodium	23-2	250565.69	246476.16	250837.82	249293.23	0.98	ppb
Strontium	86-1	481.05	477.45	487.58	482.03	1.07	ppb
Strontium	88-1	486.22	485.58	495.14	488.98	1.09	ppb
Sulfur	34-1	10334.62	10458.05	10571.79	10454.82	1.13	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	493.08	499.55	505.65	499.43	1.26	ppb
Thallium	205-1	503.28	506.75	513.86	507.96	1.06	ppb
Thorium	232-1	509.86	515.10	522.80	515.92	1.26	ppb
Tin	118-1	478.22	478.43	484.83	480.49	0.78	ppb
Titanium	47-1	2428.00	2444.77	2483.64	2452.13	1.16	ppb
Uranium	238-1	511.95	511.98	519.15	514.36	0.81	ppb
Vanadium	51-2	490.92	483.33	490.92	488.39	0.90	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:02:29	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	989.32	975.52	994.53	986.46	1.00	ppb
Zirconium	90-1	480.68	475.58	497.48	484.58	2.37	ppb
Zirconium	91-1	482.58	481.99	486.20	483.59	0.47	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P7
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 15:06:07 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.30	0.74	0.29	0.45	57.41	ppb
Antimony	121-1	0.30	0.37	0.33	0.34	9.94	ppb
Arsenic	75-1	-0.05	-0.08	-0.06	-0.06		ppb
Barium	135-1	0.08	0.02	0.06	0.05	61.18	ppb
Barium	137-1	0.06	0.04	0.06	0.05	22.19	ppb
Beryllium	9-1	0.05	0.04	0.06	0.05	14.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	24.40	26.80	24.50	25.23	5.38	ppb
Boron	11-1	27.21	25.82	24.02	25.68	6.23	ppb
Cadmium	111-1	-0.02	0.17	-0.10	0.02	868.11	ppb
Cadmium	106-1	-0.65	1.60	-1.67	-0.24		ppb
Cadmium	108-1	0.01	-0.01	0.04	0.01	199.13	ppb
Calcium	43-1	5.01	4.10	2.27	3.79	36.81	ppb
Calcium	44-1	4.37	2.43	1.35	2.72	56.26	ppb
Chromium	52-2	0.02	-0.01	0.02	0.01	145.58	ppb
Cobalt	59-2	0.02	0.00	0.00	0.01	156.03	ppb
Copper	63-2	0.04	0.09	0.06	0.06	40.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	3.10	3.21	3.02	3.11	3.01	ppb
Iron	57-2	2.22	5.03	3.08	3.44	41.86	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	2.44	ppb
Lead	207-1	0.05	0.03	0.03	0.04	35.15	ppb
Lead	208-1	0.04	0.03	0.04	0.04	12.86	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.13	3.05	4.09	3.43	16.83	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:06:07	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.03	0.02	19.24	ppb
Molybdenum	94-1	0.34	0.28	0.24	0.29	16.76	ppb
Molybdenum	95-1	0.32	0.36	0.29	0.33	10.24	ppb
Molybdenum	96-1	0.29	0.26	0.28	0.28	6.39	ppb
Molybdenum	97-1	0.27	0.32	0.28	0.29	8.11	ppb
Molybdenum	98-1	0.34	0.32	0.29	0.31	7.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-30.84	-28.07	-28.22	-29.04		ppb
Potassium	39-2	13.74	12.09	9.19	11.67	19.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	-0.37	0.19	-0.37	-0.18		ppb
Selenium	78-2	-0.53	-0.36	0.46	-0.14		ppb
Selenium	82-1	-0.04	-0.10	-0.05	-0.07		ppb
Silicon	28-1	3.33	2.57	2.38	2.76	18.13	ppb
Silver	109-1	0.02	0.03	0.02	0.02	32.73	ppb
Silver	107-1	0.03	0.03	0.02	0.02	27.92	ppb
Sodium	23-2	19.65	20.99	20.85	20.50	3.60	ppb
Strontium	86-1	0.06	0.02	-0.01	0.02	154.57	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	0.72	ppb
Sulfur	34-1	-366.64	-306.02	-435.04	-369.23		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.09	0.08	0.08	8.58	ppb
Thallium	205-1	0.10	0.08	0.06	0.08	19.63	ppb
Thorium	232-1	0.08	0.07	0.09	0.08	8.14	ppb
Tin	118-1	0.14	0.13	0.18	0.15	16.66	ppb
Titanium	47-1	0.06	0.11	0.09	0.09	29.52	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.10	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	75.60	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:06:07	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-5.25	-5.38	-5.06	-5.23		ppb
Zirconium	90-1	0.05	0.06	0.03	0.05	25.67	ppb
Zirconium	91-1	0.05	0.01	0.04	0.03	53.77	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MS	Instrumnet Name :	P7
Client Sample ID :	390814061.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:09:42	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2209.93	2221.31	2200.56	2210.60	0.47	ppb
Antimony	121-1	812.23	804.55	792.01	802.93	1.27	ppb
Arsenic	75-1	811.46	809.86	815.69	812.34	0.37	ppb
Barium	135-1	209.24	207.74	203.87	206.95	1.34	ppb
Barium	137-1	209.95	207.59	203.78	207.10	1.50	ppb
Beryllium	9-1	202.13	202.45	202.29	202.29	0.08	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	283.16	291.85	304.27	293.09	3.62	ppb
Boron	11-1	290.62	298.38	302.89	297.30	2.09	ppb
Cadmium	111-1	198.66	195.92	194.24	196.28	1.14	ppb
Cadmium	106-1	168.00	167.90	155.94	163.95	4.23	ppb
Cadmium	108-1	177.22	177.16	174.96	176.44	0.73	ppb
Calcium	43-1	13827.99	13730.52	13691.40	13749.97	0.51	ppb
Calcium	44-1	13683.21	13669.37	13709.32	13687.30	0.15	ppb
Chromium	52-2	401.48	407.34	403.59	404.13	0.73	ppb
Cobalt	59-2	207.04	208.65	207.20	207.63	0.43	ppb
Copper	63-2	802.90	809.79	800.82	804.50	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	3321.65	3373.75	3342.41	3345.94	0.78	ppb
Iron	57-2	3400.59	3395.75	3364.70	3387.01	0.57	ppb
Krypton	83-1						cps
Lead	206-1	1106.38	1109.03	1100.72	1105.38	0.38	ppb
Lead	207-1	1066.04	1055.78	1089.73	1070.52	1.63	ppb
Lead	208-1	1089.29	1088.00	1095.32	1090.87	0.36	ppb
Lithium	6-1				113		%
Magnesium	24-2	5555.21	5604.47	5552.05	5570.57	0.53	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MS	Instrumnet Name :	P7
Client Sample ID :	390814061.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:09:42	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	215.99	217.83	215.98	216.60	0.49	ppb
Molybdenum	94-1	253.75	252.07	251.55	252.46	0.46	ppb
Molybdenum	95-1	356.26	353.96	353.94	354.72	0.38	ppb
Molybdenum	96-1	346.00	342.74	341.61	343.45	0.66	ppb
Molybdenum	97-1	355.43	352.21	356.32	354.65	0.61	ppb
Molybdenum	98-1	357.07	356.20	356.45	356.58	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	558.61	564.98	556.24	559.94	0.81	ppb
Phosphorus	31-2	6827.69	6549.87	7092.10	6823.22	3.97	ppb
Potassium	39-2	10959.11	11062.60	11058.45	11026.72	0.53	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	2388.14	2353.89	2258.95	2333.66	2.87	ppb
Selenium	78-2	2294.40	2324.14	2330.20	2316.25	0.83	ppb
Selenium	82-1	2255.12	2252.82	2249.78	2252.57	0.12	ppb
Silicon	28-1	3800.95	3800.90	3809.73	3803.86	0.13	ppb
Silver	109-1	73.34	73.08	71.78	72.73	1.15	ppb
Silver	107-1	72.52	72.35	71.28	72.05	0.93	ppb
Sodium	23-2	28178.49	28164.91	27979.77	28107.72	0.39	ppb
Strontium	86-1	230.21	227.78	229.05	229.01	0.53	ppb
Strontium	88-1	225.97	226.83	226.67	226.49	0.20	ppb
Sulfur	34-1	1907.51	1857.85	1779.01	1848.12	3.51	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	1979.58	1970.06	1958.90	1969.51	0.53	ppb
Thallium	205-1	1962.22	1976.24	1946.05	1961.50	0.77	ppb
Thorium	232-1	0.07	0.07	0.06	0.07	7.72	ppb
Tin	118-1	710.74	700.40	691.55	700.90	1.37	ppb
Titanium	47-1	199.21	200.07	200.88	200.05	0.42	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	29.01	ppb
Vanadium	51-2	299.56	303.64	299.98	301.06	0.74	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MS	Instrumnet Name :	P7
Client Sample ID :	390814061.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:09:42	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1922.32	1952.67	1938.15	1937.72	0.78	ppb
Zirconium	90-1	0.49	0.43	0.44	0.45	7.25	ppb
Zirconium	91-1	0.75	0.71	0.66	0.71	6.52	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MSD	Instrumnet Name :	P7
Client Sample ID :	390814061.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:13:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2209.66	2154.33	2139.44	2167.81	1.71	ppb
Antimony	121-1	800.20	792.40	792.56	795.05	0.56	ppb
Arsenic	75-1	789.60	783.92	790.34	787.96	0.45	ppb
Barium	135-1	207.02	204.44	207.22	206.23	0.75	ppb
Barium	137-1	207.22	204.26	207.29	206.25	0.84	ppb
Beryllium	9-1	199.86	199.29	200.91	200.02	0.41	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	305.68	311.05	310.33	309.02	0.94	ppb
Boron	11-1	300.94	308.62	314.13	307.90	2.15	ppb
Cadmium	111-1	193.89	191.62	192.74	192.75	0.59	ppb
Cadmium	106-1	164.01	155.03	160.55	159.86	2.83	ppb
Cadmium	108-1	173.06	173.28	173.48	173.27	0.12	ppb
Calcium	43-1	13394.55	13426.02	13673.67	13498.08	1.13	ppb
Calcium	44-1	13466.44	13484.65	13505.48	13485.52	0.14	ppb
Chromium	52-2	404.05	396.31	395.88	398.75	1.15	ppb
Cobalt	59-2	206.12	203.78	203.58	204.49	0.69	ppb
Copper	63-2	799.11	787.66	787.72	791.50	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	3333.61	3277.20	3291.28	3300.69	0.89	ppb
Iron	57-2	3332.53	3296.42	3319.97	3316.31	0.55	ppb
Krypton	83-1						cps
Lead	206-1	1105.56	1098.22	1093.73	1099.17	0.54	ppb
Lead	207-1	1058.06	1043.95	1041.49	1047.83	0.85	ppb
Lead	208-1	1085.85	1075.42	1075.44	1078.91	0.56	ppb
Lithium	6-1				105		%
Magnesium	24-2	5550.55	5454.33	5442.48	5482.45	1.08	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MSD	Instrumnet Name :	P7
Client Sample ID :	390814061.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:13:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	215.05	210.72	212.02	212.60	1.05	ppb
Molybdenum	94-1	251.76	248.69	249.40	249.95	0.64	ppb
Molybdenum	95-1	354.55	351.99	352.30	352.95	0.40	ppb
Molybdenum	96-1	344.00	342.05	342.62	342.89	0.29	ppb
Molybdenum	97-1	356.56	354.81	354.22	355.20	0.34	ppb
Molybdenum	98-1	355.22	353.98	354.01	354.40	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.41	548.19	548.51	551.03	0.84	ppb
Phosphorus	31-2	6948.42	6649.71	6516.70	6704.94	3.30	ppb
Potassium	39-2	10972.13	10784.56	10769.29	10841.99	1.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	2217.85	2153.10	2123.47	2164.80	2.23	ppb
Selenium	78-2	2177.31	2126.81	2152.18	2152.10	1.17	ppb
Selenium	82-1	2123.66	2094.33	2113.92	2110.63	0.71	ppb
Silicon	28-1	3785.41	3774.86	3798.67	3786.31	0.32	ppb
Silver	109-1	72.81	72.08	72.93	72.60	0.63	ppb
Silver	107-1	71.71	71.67	72.04	71.80	0.28	ppb
Sodium	23-2	28056.45	27557.01	27416.80	27676.75	1.21	ppb
Strontium	86-1	226.73	225.18	225.81	225.91	0.34	ppb
Strontium	88-1	225.23	223.91	224.59	224.58	0.29	ppb
Sulfur	34-1	2291.13	2344.41	2418.14	2351.23	2.71	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1965.57	1950.02	1948.24	1954.61	0.49	ppb
Thallium	205-1	1951.76	1952.74	1930.46	1944.99	0.65	ppb
Thorium	232-1	0.03	0.04	0.03	0.04	15.33	ppb
Tin	118-1	699.62	694.06	698.20	697.30	0.41	ppb
Titanium	47-1	197.57	198.59	197.60	197.92	0.29	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	37.39	ppb
Vanadium	51-2	301.01	294.86	295.05	296.97	1.18	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MSD	Instrumnet Name :	P7
Client Sample ID :	390814061.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:13:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1863.24	1844.44	1819.90	1842.52	1.18	ppb
Zirconium	90-1	0.25	0.27	0.26	0.26	4.41	ppb
Zirconium	91-1	0.59	0.44	0.45	0.49	17.42	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01A	Instrumnet Name :	P7
Client Sample ID :	390814061.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:16:55	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2255.97	2233.51	2220.33	2236.60	0.81	ppb
Antimony	121-1	802.95	804.42	803.64	803.67	0.09	ppb
Arsenic	75-1	808.80	798.04	798.23	801.69	0.77	ppb
Barium	135-1	206.82	207.29	207.86	207.32	0.25	ppb
Barium	137-1	205.96	207.11	207.42	206.83	0.37	ppb
Beryllium	9-1	203.27	203.22	203.08	203.19	0.05	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	306.62	302.63	319.01	309.42	2.76	ppb
Boron	11-1	302.11	303.85	312.49	306.15	1.82	ppb
Cadmium	111-1	195.49	197.22	196.56	196.42	0.45	ppb
Cadmium	106-1	162.62	160.78	161.11	161.50	0.61	ppb
Cadmium	108-1	173.87	175.61	173.11	174.20	0.74	ppb
Calcium	43-1	13632.56	13736.06	13659.55	13676.05	0.39	ppb
Calcium	44-1	13660.66	13642.82	13661.27	13654.92	0.08	ppb
Chromium	52-2	409.30	407.83	408.90	408.68	0.19	ppb
Cobalt	59-2	210.89	208.76	209.62	209.75	0.51	ppb
Copper	63-2	810.93	810.12	811.14	810.73	0.07	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				105		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	3389.17	3371.77	3375.16	3378.70	0.27	ppb
Iron	57-2	3418.22	3412.15	3433.80	3421.39	0.33	ppb
Krypton	83-1						cps
Lead	206-1	1097.01	1092.89	1100.16	1096.68	0.33	ppb
Lead	207-1	1060.78	1052.21	1051.43	1054.81	0.49	ppb
Lead	208-1	1089.33	1081.75	1081.20	1084.09	0.42	ppb
Lithium	6-1				109		%
Magnesium	24-2	5654.82	5590.84	5591.63	5612.43	0.65	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01A	Instrumnet Name :	P7
Client Sample ID :	390814061.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:16:55	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	219.39	216.52	219.13	218.35	0.73	ppb
Molybdenum	94-1	254.13	250.10	248.43	250.89	1.17	ppb
Molybdenum	95-1	360.87	356.22	353.92	357.01	0.99	ppb
Molybdenum	96-1	348.18	344.27	341.22	344.56	1.01	ppb
Molybdenum	97-1	360.10	355.97	354.55	356.87	0.81	ppb
Molybdenum	98-1	361.22	358.52	353.37	357.70	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	567.10	560.28	560.66	562.68	0.68	ppb
Phosphorus	31-2	6853.14	6859.42	6765.81	6826.13	0.77	ppb
Potassium	39-2	11189.90	11051.99	11097.67	11113.19	0.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	2291.65	2234.95	2357.95	2294.85	2.68	ppb
Selenium	78-2	2233.68	2247.44	2259.22	2246.78	0.57	ppb
Selenium	82-1	2215.18	2205.80	2213.35	2211.44	0.22	ppb
Silicon	28-1	3818.84	3839.17	3833.51	3830.51	0.27	ppb
Silver	109-1	73.32	73.87	73.76	73.65	0.40	ppb
Silver	107-1	72.19	72.00	71.65	71.95	0.38	ppb
Sodium	23-2	28785.81	28278.51	28427.20	28497.17	0.92	ppb
Strontium	86-1	231.78	227.59	226.98	228.78	1.14	ppb
Strontium	88-1	227.27	225.89	225.54	226.24	0.40	ppb
Sulfur	34-1	2278.79	2387.72	2347.09	2337.87	2.35	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	1963.14	1947.43	1955.67	1955.41	0.40	ppb
Thallium	205-1	1960.63	1949.08	1957.47	1955.73	0.31	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	24.88	ppb
Tin	118-1	704.93	699.48	700.45	701.62	0.41	ppb
Titanium	47-1	201.52	203.69	198.84	201.35	1.21	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.57	ppb
Vanadium	51-2	306.04	303.85	304.14	304.68	0.39	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01A	Instrumnet Name :	P7
Client Sample ID :	390814061.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:16:55	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1934.78	1912.87	1914.77	1920.81	0.63	ppb
Zirconium	90-1	0.23	0.22	0.23	0.22	0.86	ppb
Zirconium	91-1	0.53	0.61	0.56	0.56	6.89	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:20:49	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51398.23	51047.73	51557.49	51334.48	0.51	ppb
Antimony	121-1	465.09	476.22	465.33	468.88	1.36	ppb
Arsenic	75-1	493.74	505.20	497.48	498.81	1.17	ppb
Barium	135-1	2371.33	2417.49	2365.77	2384.86	1.19	ppb
Barium	137-1	2416.96	2461.42	2431.76	2436.72	0.93	ppb
Beryllium	9-1	482.22	486.79	482.61	483.88	0.52	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	491.34	503.83	498.40	497.86	1.26	ppb
Boron	11-1	484.45	502.23	498.08	494.92	1.88	ppb
Cadmium	111-1	475.76	487.25	477.47	480.16	1.29	ppb
Cadmium	106-1	490.64	489.83	484.80	488.42	0.65	ppb
Cadmium	108-1	483.76	489.14	484.57	485.83	0.60	ppb
Calcium	43-1	236966.58	240980.51	236494.09	238147.06	1.04	ppb
Calcium	44-1	240875.69	245984.53	242503.51	243121.24	1.07	ppb
Chromium	52-2	495.03	495.13	493.66	494.61	0.17	ppb
Cobalt	59-2	483.31	485.83	485.42	484.86	0.28	ppb
Copper	63-2	957.45	962.46	960.05	959.99	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	126709.75	125940.52	126269.49	126306.59	0.31	ppb
Iron	57-2	123561.71	123841.55	124197.97	123867.08	0.26	ppb
Krypton	83-1						cps
Lead	206-1	491.26	492.05	490.02	491.11	0.21	ppb
Lead	207-1	490.51	494.13	485.70	490.11	0.86	ppb
Lead	208-1	487.13	490.93	485.54	487.87	0.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	253584.50	253983.18	254392.00	253986.56	0.16	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:20:49	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	963.82	964.43	962.85	963.70	0.08	ppb
Molybdenum	94-1	2412.16	2468.24	2425.72	2435.37	1.20	ppb
Molybdenum	95-1	2401.05	2468.23	2412.92	2427.40	1.48	ppb
Molybdenum	96-1	2403.91	2464.90	2411.25	2426.69	1.37	ppb
Molybdenum	97-1	2334.59	2380.48	2344.69	2353.25	1.02	ppb
Molybdenum	98-1	2412.82	2449.33	2425.61	2429.25	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.58	483.71	482.76	481.69	0.57	ppb
Phosphorus	31-2	9976.54	9673.83	10104.74	9918.37	2.23	ppb
Potassium	39-2	127692.09	126978.59	127664.50	127445.06	0.32	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	550.79	530.21	538.91	539.97	1.91	ppb
Selenium	78-2	531.05	525.09	532.72	529.62	0.76	ppb
Selenium	82-1	514.83	519.96	515.13	516.64	0.56	ppb
Silicon	28-1	563.08	582.79	579.02	574.96	1.82	ppb
Silver	109-1	468.61	478.59	468.12	471.77	1.25	ppb
Silver	107-1	459.54	469.48	461.73	463.58	1.13	ppb
Sodium	23-2	252645.33	253286.83	252641.74	252857.97	0.15	ppb
Strontium	86-1	472.98	484.11	473.82	476.97	1.30	ppb
Strontium	88-1	480.82	491.72	481.98	484.84	1.24	ppb
Sulfur	34-1	10139.45	10333.65	10137.89	10203.66	1.10	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	491.94	493.71	488.83	491.49	0.50	ppb
Thallium	205-1	503.52	509.83	502.03	505.13	0.82	ppb
Thorium	232-1	509.41	515.57	508.60	511.19	0.75	ppb
Tin	118-1	469.20	480.24	472.45	473.96	1.20	ppb
Titanium	47-1	2403.66	2463.83	2407.45	2424.98	1.39	ppb
Uranium	238-1	507.89	516.71	507.69	510.77	1.01	ppb
Vanadium	51-2	492.60	491.04	491.66	491.77	0.16	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:20:49	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	963.10	962.43	966.33	963.95	0.22	ppb
Zirconium	90-1	470.22	477.44	485.43	477.70	1.59	ppb
Zirconium	91-1	469.68	482.91	474.39	475.66	1.41	ppb

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:24:27	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.02	1.32	1.33	1.22	14.61	ppb
Antimony	121-1	0.36	0.41	0.46	0.41	11.21	ppb
Arsenic	75-1	0.05	0.12	-0.04	0.05	179.00	ppb
Barium	135-1	0.09	0.06	0.13	0.10	39.53	ppb
Barium	137-1	0.10	0.06	0.06	0.07	30.17	ppb
Beryllium	9-1	0.07	0.08	0.10	0.08	15.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	29.55	30.38	26.85	28.93	6.38	ppb
Boron	11-1	30.58	27.94	27.45	28.66	5.86	ppb
Cadmium	111-1	0.16	-0.10	-0.06	0.00	11755.75	ppb
Cadmium	106-1	1.56	-1.57	-1.34	-0.45		ppb
Cadmium	108-1	0.07	0.15	-0.01	0.07	117.41	ppb
Calcium	43-1	11.88	5.42	4.15	7.15	57.97	ppb
Calcium	44-1	6.81	6.63	5.86	6.43	7.81	ppb
Chromium	52-2	0.07	0.02	0.03	0.04	58.50	ppb
Cobalt	59-2	0.01	0.02	0.00	0.01	79.11	ppb
Copper	63-2	0.05	0.08	0.04	0.06	30.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	5.10	5.01	5.02	5.04	0.99	ppb
Iron	57-2	3.35	2.92	5.35	3.87	33.36	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.06	0.07	14.88	ppb
Lead	207-1	0.08	0.05	0.03	0.05	53.81	ppb
Lead	208-1	0.07	0.06	0.05	0.06	15.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	7.83	6.73	9.13	7.90	15.19	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P7
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 15:24:27 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.02	0.05	0.04	51.46	ppb
Molybdenum	94-1	0.34	0.26	0.30	0.30	12.68	ppb
Molybdenum	95-1	0.38	0.35	0.37	0.37	3.42	ppb
Molybdenum	96-1	0.37	0.29	0.32	0.33	12.19	ppb
Molybdenum	97-1	0.47	0.32	0.35	0.38	20.26	ppb
Molybdenum	98-1	0.36	0.34	0.30	0.33	8.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.01	0.01	0.02	200.29	ppb
Phosphorus	31-2	-31.07	-33.78	-36.49	-33.78		ppb
Potassium	39-2	14.12	14.86	15.14	14.71	3.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	-0.37	0.73	-0.37	0.00	1119862.31	ppb
Selenium	78-2	-0.10	0.08	0.09	0.02	452.52	ppb
Selenium	82-1	-0.23	0.20	0.36	0.11	280.43	ppb
Silicon	28-1	4.52	4.00	3.57	4.03	11.78	ppb
Silver	109-1	0.04	0.05	0.03	0.04	28.97	ppb
Silver	107-1	0.03	0.03	0.03	0.03	15.98	ppb
Sodium	23-2	29.12	28.65	27.01	28.26	3.92	ppb
Strontium	86-1	0.01	0.05	0.08	0.04	69.18	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	20.94	ppb
Sulfur	34-1	-251.95	-215.45	-281.12	-249.51		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.22	0.22	0.19	0.21	9.77	ppb
Thallium	205-1	0.21	0.21	0.20	0.21	2.69	ppb
Thorium	232-1	0.08	0.07	0.07	0.07	3.96	ppb
Tin	118-1	0.29	0.27	0.25	0.27	8.16	ppb
Titanium	47-1	-0.03	0.08	0.10	0.05	145.90	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	37.70	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	22.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:24:27	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-5.01	-5.25	-5.05	-5.10		ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	7.65	ppb
Zirconium	91-1	0.04	0.04	0.09	0.05	54.86	ppb

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:31:07 DataFile Name : 002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	17	33	66.14	cps
Antimony	121-1	167	192	275	211	26.87	cps
Arsenic	75-1	-175	38	-176	-104	-117.87	cps
Barium	135-1	75	42	33	50	44.10	cps
Barium	137-1	50	67	92	69	30.20	cps
Beryllium	9-1	47	37	43	42	12.06	cps
Bismuth	209-1	6862421	6823345	6841375	6842381	0.29	cps
Bismuth	209-2	4108485	4069457	4077540	4085161	0.50	cps
Boron	10-1	592	575	633	600	5.01	cps
Boron	11-1	2300	2417	2259	2325	3.53	cps
Cadmium	111-1	3216	3283	3348	3282	2.02	cps
Cadmium	106-1	4593	4651	4776	4673	2.01	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	133	125	133	131	3.68	cps
Calcium	44-1	6753	7153	6844	6917	3.03	cps
Chromium	52-2	203	220	190	204	7.35	cps
Cobalt	59-2	47	23	50	40	36.33	cps
Copper	63-2	410	413	300	374	17.22	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	67	25	58	50	44.10	cps
Erbium	164-2	50	33	40	41	20.41	cps
Gadolinium	160-1	25	58	17	33	66.14	cps
Gadolinium	160-2	180	170	147	166	10.33	cps
Holmium	165-1	10046311	10053214	10178423	10092649	0.74	cps
Holmium	165-2	5234168	5261084	5210240	5235164	0.49	cps
Indium	115-1	7814152	7792629	7890000	7832261	0.65	cps
Indium	115-2	1585218	1596798	1594816	1592277	0.39	cps
Iron	56-2	2306	2372	2117	2265	5.85	cps
Iron	57-2	172	150	150	157	8.15	cps
Krypton	83-1	160	153	220	178	20.65	cps
Lead	206-1	522	517	539	526	2.20	cps
Lead	207-1	450	467	417	444	5.73	cps
Lead	208-1	1800	1811	1739	1783	2.18	cps
Lithium	6-1	2210276	2201753	2220023	2210684	0.41	cps
Magnesium	24-2	242	250	300	264	11.96	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:31:07	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	50	40	37	41.66	cps
Molybdenum	94-1	233	208	292	244	17.49	cps
Molybdenum	95-1	92	75	75	81	11.95	cps
Molybdenum	96-1	108	133	117	119	10.66	cps
Molybdenum	97-1	50	25	25	33	43.30	cps
Molybdenum	98-1	117	108	92	106	12.06	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	57	50	50	52	7.37	cps
Phosphorus	31-2	50	83	92	75	29.40	cps
Potassium	39-2	10421	9845	10312	10193	3.00	cps
Rhodium	103-1	6875437	6867826	6944607	6895957	0.61	cps
Rhodium	103-2	3219622	3231469	3223534	3224875	0.19	cps
Scandium	45-1	4288823	4260693	4304017	4284511	0.51	cps
Scandium	45-2	173886	173651	173054	173530	0.25	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	70	24	39	44	53.20	cps
Selenium	82-1	41	58	-3	32	97.41	cps
Silicon	28-1	73657	73883	72920	73487	0.69	cps
Silver	109-1	33	17	25	25	33.32	cps
Silver	107-1	108	100	108	106	4.56	cps
Sodium	23-2	3801	3709	3784	3765	1.30	cps
Strontium	86-1	300	233	267	267	12.50	cps
Strontium	88-1	117	108	42	89	46.24	cps
Sulfur	34-1	190925	194564	196015	193835	1.35	cps
Terbium	159-1	10474034	10441213	10579401	10498216	0.69	cps
Terbium	159-2	5196286	5214781	5180136	5197068	0.33	cps
Thallium	203-1	400	275	633	436	41.70	cps
Thallium	205-1	792	675	608	692	13.42	cps
Thorium	232-1	1156	1261	1428	1282	10.71	cps
Tin	118-1	642	867	767	758	14.87	cps
Titanium	47-1	58	92	83	78	22.30	cps
Uranium	238-1	1375	1442	1267	1361	6.49	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	15919298	15782188	15938234	15879907	0.54	cps
Yttrium	89-2	2214164	2223236	2201846	2213082	0.49	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:31:07	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1997	2074	2094	2055	2.48	cps
Zirconium	90-1	583	625	608	606	3.46	cps
Zirconium	91-1	167	125	67	119	42.05	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:34:43 DataFile Name : 003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	950	1100	1025	1025	7.32	cps
Antimony	121-1	12623	12756	12857	12745	0.92	cps
Arsenic	75-1	1474	1426	1078	1326	16.30	cps
Barium	135-1	17412	16477	17462	17117	3.24	cps
Barium	137-1	30267	30125	29123	29839	2.09	cps
Beryllium	9-1	1487	1357	1380	1408	4.92	cps
Bismuth	209-1	6804234	6799692	6789194	6797706	0.11	cps
Bismuth	209-2	4075864	4080845	4142230	4099646	0.90	cps
Boron	10-1	5101	5334	5451	5296	3.37	cps
Boron	11-1	22993	23628	24512	23711	3.22	cps
Cadmium	111-1	5596	5346	5314	5419	2.86	cps
Cadmium	106-1	5126	5160	5160	5148	0.37	cps
Cadmium	108-1	138	171	158	156	10.83	cps
Calcium	43-1	9312	9745	9303	9453	2.67	cps
Calcium	44-1	161053	162988	162761	162267	0.65	cps
Chromium	52-2	3607	3464	3534	3535	2.03	cps
Cobalt	59-2	3004	2850	2960	2938	2.69	cps
Copper	63-2	4321	4717	4604	4547	4.49	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	33	67	33	44	43.31	cps
Erbium	164-2	33	53	27	38	36.73	cps
Gadolinium	160-1	25	0	58	28	105.36	cps
Gadolinium	160-2	157	150	217	174	21.05	cps
Holmium	165-1	9900766	9943284	9952662	9932237	0.28	cps
Holmium	165-2	5252809	5233653	5333497	5273320	1.00	cps
Indium	115-1	7815265	7779213	7812722	7802400	0.26	cps
Indium	115-2	1589812	1608600	1621320	1606577	0.99	cps
Iron	56-2	81643	82520	81850	82004	0.56	cps
Iron	57-2	2211	2084	2189	2161	3.16	cps
Krypton	83-1	203	180	190	191	6.13	cps
Lead	206-1	6163	6474	6591	6409	3.45	cps
Lead	207-1	5774	5490	5479	5581	2.99	cps
Lead	208-1	25271	25338	25505	25371	0.47	cps
Lithium	6-1	2208581	2206716	2208199	2207832	0.04	cps
Magnesium	24-2	62857	63401	64389	63549	1.22	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:34:43	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1110	1267	1210	1196	6.64	cps
Molybdenum	94-1	13048	12840	12790	12892	1.06	cps
Molybdenum	95-1	16502	16427	16694	16541	0.83	cps
Molybdenum	96-1	17662	17695	18663	18007	3.16	cps
Molybdenum	97-1	9862	10546	10321	10243	3.40	cps
Molybdenum	98-1	26759	27018	26325	26701	1.31	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	843	857	843	848	0.91	cps
Phosphorus	31-2	142	192	258	197	29.68	cps
Potassium	39-2	72025	72662	72812	72500	0.58	cps
Rhodium	103-1	6849675	6900647	6902850	6884391	0.44	cps
Rhodium	103-2	3246487	3278782	3294203	3273157	0.74	cps
Scandium	45-1	4285994	4340769	4322326	4316363	0.65	cps
Scandium	45-2	174625	174740	176811	175392	0.70	cps
Selenium	77-2	33	37	20	30	29.40	cps
Selenium	78-2	167	165	120	151	17.40	cps
Selenium	82-1	816	762	761	780	4.08	cps
Silicon	28-1	112614	111882	112430	112309	0.34	cps
Silver	109-1	8311	9053	8786	8717	4.31	cps
Silver	107-1	8753	8736	8895	8795	0.99	cps
Sodium	23-2	120497	117608	118742	118949	1.22	cps
Strontium	86-1	2384	2234	2325	2314	3.27	cps
Strontium	88-1	18846	19138	17928	18638	3.39	cps
Sulfur	34-1	203494	203758	206336	204529	0.77	cps
Terbium	159-1	10346049	10428546	10416995	10397197	0.43	cps
Terbium	159-2	5185556	5220428	5256358	5220781	0.68	cps
Thallium	203-1	7194	7377	7486	7352	2.01	cps
Thallium	205-1	17479	17337	17546	17454	0.61	cps
Thorium	232-1	22024	21975	21440	21813	1.48	cps
Tin	118-1	29173	29783	29799	29585	1.21	cps
Titanium	47-1	4568	4718	4167	4484	6.34	cps
Uranium	238-1	24691	24958	24583	24744	0.78	cps
Vanadium	51-2	7025	6868	6972	6955	1.15	cps
Yttrium	89-1	15762814	15819446	15881890	15821383	0.38	cps
Yttrium	89-2	2238284	2235967	2254393	2242881	0.45	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:34:43	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3781	4037	3854	3891	3.40	cps
Zirconium	90-1	9654	9754	9996	9801	1.79	cps
Zirconium	91-1	1925	2242	1925	2031	9.00	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:39:08 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56508	56139	55404	56017	1.00	cps
Antimony	121-1	339566	339542	341821	340310	0.38	cps
Arsenic	75-1	73868	76047	76923	75613	2.08	cps
Barium	135-1	438429	440262	446094	441595	0.91	cps
Barium	137-1	761976	776108	774251	770779	1.00	cps
Beryllium	9-1	72626	72462	72553	72547	0.11	cps
Bismuth	209-1	6816021	6899982	6929183	6881729	0.85	cps
Bismuth	209-2	4112857	4088212	4078034	4093034	0.44	cps
Boron	10-1	10529	10120	10754	10468	3.07	cps
Boron	11-1	47074	47676	47584	47445	0.68	cps
Cadmium	111-1	104406	105556	105926	105296	0.75	cps
Cadmium	106-1	15726	16202	16727	16218	3.09	cps
Cadmium	108-1	7815	7581	7711	7702	1.52	cps
Calcium	43-1	100582	99995	102689	101089	1.40	cps
Calcium	44-1	1637315	1645991	1641008	1641438	0.27	cps
Chromium	52-2	86213	85469	84209	85297	1.19	cps
Cobalt	59-2	144601	142961	145044	144202	0.76	cps
Copper	63-2	209566	207843	208408	208606	0.42	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	20	13	17	17	20.01	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	27	23	43	31	34.44	cps
Gadolinium	160-1	50	25	67	47	44.41	cps
Gadolinium	160-2	153	157	160	157	2.13	cps
Holmium	165-1	9973087	10043987	10146015	10054363	0.86	cps
Holmium	165-2	5273915	5263649	5268211	5268592	0.10	cps
Indium	115-1	7773436	7793293	7859256	7808662	0.58	cps
Indium	115-2	1575099	1573970	1564903	1571324	0.36	cps
Iron	56-2	3802110	3811182	3792511	3801934	0.25	cps
Iron	57-2	96012	94653	94905	95190	0.76	cps
Krypton	83-1	197	210	147	184	18.10	cps
Lead	206-1	303129	306127	311020	306759	1.30	cps
Lead	207-1	271926	270442	276751	273040	1.21	cps
Lead	208-1	1226754	1239359	1251328	1239147	0.99	cps
Lithium	6-1	2204467	2215629	2221977	2214025	0.40	cps
Magnesium	24-2	629522	633835	633004	632120	0.36	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:39:08	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	109456	109474	108412	109114	0.56	cps
Molybdenum	94-1	693197	699001	700637	697612	0.56	cps
Molybdenum	95-1	865547	870784	864636	866989	0.38	cps
Molybdenum	96-1	963584	966360	969295	966413	0.30	cps
Molybdenum	97-1	543670	543862	539383	542305	0.47	cps
Molybdenum	98-1	1395826	1401286	1396160	1397757	0.22	cps
Neodymium	150-1	53	27	47	42	32.87	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	37745	37728	37675	37716	0.10	cps
Phosphorus	31-2	2992	3000	3301	3098	5.67	cps
Potassium	39-2	321012	320105	316136	319084	0.81	cps
Rhodium	103-1	6838480	6838140	6929601	6868740	0.77	cps
Rhodium	103-2	3188849	3190403	3178387	3185880	0.21	cps
Scandium	45-1	4284914	4315643	4300575	4300378	0.36	cps
Scandium	45-2	171499	169527	170461	170496	0.58	cps
Selenium	77-2	367	347	320	344	6.80	cps
Selenium	78-2	1193	1135	1156	1161	2.51	cps
Selenium	82-1	7708	7786	7837	7777	0.84	cps
Silicon	28-1	280304	281571	282513	281463	0.39	cps
Silver	109-1	434532	438526	439195	437418	0.58	cps
Silver	107-1	451665	452901	456434	453667	0.55	cps
Sodium	23-2	1181608	1183453	1172895	1179319	0.48	cps
Strontium	86-1	111145	111498	111338	111327	0.16	cps
Strontium	88-1	973949	982743	977761	978151	0.45	cps
Sulfur	34-1	239148	240945	237472	239188	0.73	cps
Terbium	159-1	10418796	10502695	10574647	10498713	0.74	cps
Terbium	159-2	5230002	5229656	5234302	5231320	0.05	cps
Thallium	203-1	370643	379202	379732	376526	1.35	cps
Thallium	205-1	905503	910800	911300	909201	0.35	cps
Thorium	232-1	1297775	1312179	1313754	1307902	0.67	cps
Tin	118-1	295826	297799	295102	296242	0.47	cps
Titanium	47-1	212832	212272	214344	213149	0.50	cps
Uranium	238-1	1280399	1285253	1293026	1286226	0.50	cps
Vanadium	51-2	66499	67306	66338	66715	0.78	cps
Yttrium	89-1	15844974	15886335	15895349	15875553	0.17	cps
Yttrium	89-2	2196234	2198705	2175585	2190175	0.58	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:39:08	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	36920	36305	36262	36496	1.01	cps
Zirconium	90-1	559029	564554	556838	560141	0.71	cps
Zirconium	91-1	125825	124689	126017	125510	0.57	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:43:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132868	132784	135332	133661	1.08	cps
Antimony	121-1	838675	840992	839753	839807	0.14	cps
Arsenic	75-1	180284	178952	177029	178755	0.92	cps
Barium	135-1	1098384	1093078	1085415	1092292	0.60	cps
Barium	137-1	1913261	1902681	1887136	1901026	0.69	cps
Beryllium	9-1	173885	173085	171245	172738	0.78	cps
Bismuth	209-1	6947076	6907811	6913632	6922840	0.31	cps
Bismuth	209-2	4033904	4044006	4078328	4052080	0.57	cps
Boron	10-1	24279	24880	25472	24877	2.40	cps
Boron	11-1	110201	112533	113684	112139	1.58	cps
Cadmium	111-1	252565	248241	248861	249889	0.94	cps
Cadmium	106-1	32146	31920	31528	31865	0.98	cps
Cadmium	108-1	18070	18458	17932	18154	1.50	cps
Calcium	43-1	242988	237588	236454	239010	1.46	cps
Calcium	44-1	3961592	3911300	3882331	3918408	1.02	cps
Chromium	52-2	198966	198572	199791	199110	0.31	cps
Cobalt	59-2	336195	335928	336939	336354	0.16	cps
Copper	63-2	483872	480958	483849	482893	0.35	cps
Dysprosium	156-1	67	8	8	28	121.26	cps
Dysprosium	156-2	40	33	27	33	20.00	cps
Erbium	164-1	42	25	8	25	66.68	cps
Erbium	164-2	37	47	53	46	18.41	cps
Gadolinium	160-1	75	33	25	44	60.28	cps
Gadolinium	160-2	140	177	183	167	14.00	cps
Holmium	165-1	10183689	10128721	10098549	10136986	0.43	cps
Holmium	165-2	5193257	5215745	5228623	5212542	0.34	cps
Indium	115-1	7681949	7613718	7639092	7644919	0.45	cps
Indium	115-2	1505357	1507493	1508857	1507236	0.12	cps
Iron	56-2	8914006	8873819	8918039	8901955	0.27	cps
Iron	57-2	223384	223442	224260	223695	0.22	cps
Krypton	83-1	167	187	170	174	6.14	cps
Lead	206-1	772865	776279	779528	776224	0.43	cps
Lead	207-1	689954	690404	691689	690683	0.13	cps
Lead	208-1	3126333	3135431	3141547	3134437	0.24	cps
Lithium	6-1	2164774	2141448	2130131	2145451	0.82	cps
Magnesium	24-2	1501390	1503372	1519295	1508019	0.65	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:43:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257250	257079	257788	257372	0.14	cps
Molybdenum	94-1	1709268	1702780	1683457	1698502	0.79	cps
Molybdenum	95-1	2127983	2111406	2098661	2112683	0.70	cps
Molybdenum	96-1	2353510	2342127	2314696	2336778	0.85	cps
Molybdenum	97-1	1319453	1310196	1305048	1311566	0.56	cps
Molybdenum	98-1	3435078	3392906	3398888	3408957	0.67	cps
Neodymium	150-1	113	160	113	129	20.90	cps
Neodymium	150-2	23	17	20	20	16.65	cps
Nickel	60-2	87858	87432	88243	87844	0.46	cps
Phosphorus	31-2	7436	7094	7544	7358	3.19	cps
Potassium	39-2	738796	739438	738141	738791	0.09	cps
Rhodium	103-1	6671014	6568107	6572937	6604019	0.88	cps
Rhodium	103-2	3016825	3009960	3020713	3015833	0.18	cps
Scandium	45-1	4141158	4097679	4082022	4106953	0.75	cps
Scandium	45-2	161040	160586	161530	161052	0.29	cps
Selenium	77-2	800	803	743	782	4.31	cps
Selenium	78-2	2700	2802	2765	2756	1.87	cps
Selenium	82-1	18742	18449	18449	18547	0.91	cps
Silicon	28-1	554220	548685	539955	547620	1.31	cps
Silver	109-1	1055013	1050800	1039699	1048504	0.75	cps
Silver	107-1	1100414	1094965	1085694	1093691	0.68	cps
Sodium	23-2	2811108	2834456	2838858	2828140	0.53	cps
Strontium	86-1	272748	269638	271170	271185	0.57	cps
Strontium	88-1	2385954	2355435	2350321	2363903	0.82	cps
Sulfur	34-1	275272	270479	264865	270205	1.93	cps
Terbium	159-1	10559863	10494625	10485452	10513313	0.39	cps
Terbium	159-2	5130517	5149648	5185929	5155365	0.55	cps
Thallium	203-1	956531	941950	946096	948192	0.79	cps
Thallium	205-1	2301437	2294321	2293069	2296275	0.20	cps
Thorium	232-1	3392243	3382308	3369400	3381317	0.34	cps
Tin	118-1	730714	726914	720825	726151	0.69	cps
Titanium	47-1	513792	507546	502185	507841	1.14	cps
Uranium	238-1	3322245	3326583	3323281	3324037	0.07	cps
Vanadium	51-2	156975	156362	158392	157243	0.66	cps
Yttrium	89-1	15467499	15251770	15312694	15343988	0.72	cps
Yttrium	89-2	2100332	2095223	2090405	2095320	0.24	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:43:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	83483	83098	84875	83819	1.12	cps
Zirconium	90-1	1366500	1354037	1354932	1358489	0.51	cps
Zirconium	91-1	308364	301130	302789	304094	1.25	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:46:57	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	266396	262436	263794	264209	0.76	cps
Antimony	121-1	1644258	1653419	1648724	1648800	0.28	cps
Arsenic	75-1	338704	337721	335586	337337	0.47	cps
Barium	135-1	2146465	2147638	2171180	2155094	0.65	cps
Barium	137-1	3736358	3747783	3778721	3754287	0.58	cps
Beryllium	9-1	324795	324067	326420	325094	0.37	cps
Bismuth	209-1	6823130	6840848	6858823	6840934	0.26	cps
Bismuth	209-2	3983423	3980348	4030182	3997985	0.70	cps
Boron	10-1	47317	47225	48512	47685	1.51	cps
Boron	11-1	215101	214377	218761	216080	1.09	cps
Cadmium	111-1	477566	476416	482288	478757	0.65	cps
Cadmium	106-1	55719	55484	57192	56132	1.65	cps
Cadmium	108-1	35302	35633	36013	35649	1.00	cps
Calcium	43-1	458006	457529	464860	460132	0.89	cps
Calcium	44-1	7488373	7519953	7532856	7513728	0.30	cps
Chromium	52-2	390522	389854	389825	390067	0.10	cps
Cobalt	59-2	656068	657542	659290	657633	0.25	cps
Copper	63-2	937400	930507	940392	936100	0.54	cps
Dysprosium	156-1	58	58	50	56	8.67	cps
Dysprosium	156-2	50	43	70	54	25.49	cps
Erbium	164-1	75	42	58	58	28.57	cps
Erbium	164-2	40	20	33	31	32.73	cps
Gadolinium	160-1	42	17	58	39	53.93	cps
Gadolinium	160-2	183	157	163	168	8.27	cps
Holmium	165-1	9956325	10046762	10078675	10027254	0.63	cps
Holmium	165-2	5157320	5204337	5237183	5199613	0.77	cps
Indium	115-1	7263110	7328881	7398620	7330204	0.92	cps
Indium	115-2	1464277	1473435	1476117	1471276	0.42	cps
Iron	56-2	17577155	17532777	17545564	17551832	0.13	cps
Iron	57-2	439215	437450	439582	438749	0.26	cps
Krypton	83-1	210	130	133	158	28.69	cps
Lead	206-1	1575510	1575440	1590735	1580562	0.56	cps
Lead	207-1	1392047	1394399	1412901	1399782	0.82	cps
Lead	208-1	6344835	6337371	6408043	6363417	0.61	cps
Lithium	6-1	2044117	2033685	2044770	2040857	0.30	cps
Magnesium	24-2	2987704	2964365	2996707	2982925	0.56	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:46:57	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	509269	504626	511993	508630	0.73	cps
Molybdenum	94-1	3281463	3286157	3293192	3286937	0.18	cps
Molybdenum	95-1	4100668	4096157	4088653	4095160	0.15	cps
Molybdenum	96-1	4526494	4543593	4543945	4538010	0.22	cps
Molybdenum	97-1	2549954	2535834	2567926	2551238	0.63	cps
Molybdenum	98-1	6620446	6614081	6661026	6631851	0.38	cps
Neodymium	150-1	147	213	167	176	19.49	cps
Neodymium	150-2	13	27	23	21	32.88	cps
Nickel	60-2	171668	171594	171365	171543	0.09	cps
Phosphorus	31-2	14491	14407	14049	14316	1.64	cps
Potassium	39-2	1455690	1435549	1451865	1447702	0.74	cps
Rhodium	103-1	6219023	6221461	6260141	6233542	0.37	cps
Rhodium	103-2	2931303	2923046	2963812	2939387	0.73	cps
Scandium	45-1	3849988	3842018	3829492	3840500	0.27	cps
Scandium	45-2	157901	155692	156893	156828	0.71	cps
Selenium	77-2	1533	1433	1590	1519	5.22	cps
Selenium	78-2	4840	5106	5025	4990	2.74	cps
Selenium	82-1	34215	34713	34882	34603	1.00	cps
Silicon	28-1	960029	966389	969762	965393	0.51	cps
Silver	109-1	2024417	2030405	2042005	2032276	0.44	cps
Silver	107-1	2105682	2099789	2134510	2113327	0.88	cps
Sodium	23-2	5622065	5578608	5612789	5604488	0.41	cps
Strontium	86-1	522677	526626	525473	524925	0.39	cps
Strontium	88-1	4621748	4609094	4635980	4622274	0.29	cps
Sulfur	34-1	322632	318991	321893	321172	0.60	cps
Terbium	159-1	10302977	10294944	10437743	10345221	0.78	cps
Terbium	159-2	5108424	5135618	5132131	5125391	0.29	cps
Thallium	203-1	1911190	1928686	1935532	1925136	0.65	cps
Thallium	205-1	4646276	4694537	4708942	4683252	0.70	cps
Thorium	232-1	6895464	6958302	6975817	6943194	0.61	cps
Tin	118-1	1419328	1422135	1437501	1426321	0.69	cps
Titanium	47-1	956372	961038	959958	959123	0.25	cps
Uranium	238-1	6843579	6859041	6914116	6872245	0.54	cps
Vanadium	51-2	311211	310442	312233	311295	0.29	cps
Yttrium	89-1	14700403	14629982	14709035	14679807	0.30	cps
Yttrium	89-2	2041941	2038918	2045579	2042146	0.16	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:46:57	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	161994	162533	163853	162793	0.59	cps
Zirconium	90-1	2646118	2636942	2650371	2644477	0.26	cps
Zirconium	91-1	588347	588512	595363	590740	0.68	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:50:46 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	521107	519977	521994	521026	0.19	cps
Antimony	121-1	3246933	3271078	3290996	3269669	0.67	cps
Arsenic	75-1	645904	652812	649530	649415	0.53	cps
Barium	135-1	4268180	4281100	4346430	4298570	0.98	cps
Barium	137-1	7479981	7522068	7576274	7526108	0.64	cps
Beryllium	9-1	632056	635440	634015	633837	0.27	cps
Bismuth	209-1	6786982	6839325	6828108	6818139	0.40	cps
Bismuth	209-2	3952372	3986300	3973114	3970595	0.43	cps
Boron	10-1	93632	96214	94730	94858	1.37	cps
Boron	11-1	427939	431103	438621	432554	1.27	cps
Cadmium	111-1	921987	930086	926728	926267	0.44	cps
Cadmium	106-1	103838	106112	104349	104766	1.14	cps
Cadmium	108-1	68728	68548	68946	68741	0.29	cps
Calcium	43-1	901531	908193	903504	904409	0.38	cps
Calcium	44-1	14753841	14885443	14876289	14838524	0.50	cps
Chromium	52-2	768778	772205	774559	771847	0.38	cps
Cobalt	59-2	1275354	1298749	1293263	1289122	0.95	cps
Copper	63-2	1805938	1822222	1811589	1813250	0.46	cps
Dysprosium	156-1	75	75	92	81	11.95	cps
Dysprosium	156-2	93	77	100	90	13.35	cps
Erbium	164-1	92	17	33	47	83.40	cps
Erbium	164-2	37	33	30	33	10.01	cps
Gadolinium	160-1	17	50	67	44	57.28	cps
Gadolinium	160-2	190	200	147	179	15.85	cps
Holmium	165-1	10121317	10126408	10240449	10162725	0.66	cps
Holmium	165-2	5207030	5266359	5264124	5245838	0.64	cps
Indium	115-1	7197714	7257181	7305215	7253370	0.74	cps
Indium	115-2	1447923	1452754	1453566	1451414	0.21	cps
Iron	56-2	34659867	34686124	34785018	34710337	0.19	cps
Iron	57-2	861111	867394	877788	868765	0.97	cps
Krypton	83-1	163	150	153	156	4.46	cps
Lead	206-1	3120556	3149523	3141530	3137203	0.48	cps
Lead	207-1	2780849	2799737	2789593	2790059	0.34	cps
Lead	208-1	12666130	12744810	12724815	12711918	0.32	cps
Lithium	6-1	2032088	2033700	2043008	2036265	0.29	cps
Magnesium	24-2	5981632	5991111	5944932	5972558	0.41	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:50:46 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1000435	1002319	1005281	1002678	0.24	cps
Molybdenum	94-1	6569320	6590081	6617959	6592453	0.37	cps
Molybdenum	95-1	8152035	8199792	8219994	8190607	0.43	cps
Molybdenum	96-1	8917181	9011280	9067018	8998493	0.84	cps
Molybdenum	97-1	5007752	5046085	5062767	5038868	0.56	cps
Molybdenum	98-1	13032583	13092400	13271461	13132148	0.95	cps
Neodymium	150-1	333	387	400	373	9.45	cps
Neodymium	150-2	27	43	43	38	25.46	cps
Nickel	60-2	328070	332657	331031	330586	0.70	cps
Phosphorus	31-2	27969	27535	28461	27988	1.66	cps
Potassium	39-2	2863028	2857515	2873193	2864579	0.28	cps
Rhodium	103-1	6068536	6089827	6103554	6087306	0.29	cps
Rhodium	103-2	2874479	2903081	2891539	2889700	0.50	cps
Scandium	45-1	3795886	3821406	3812869	3810053	0.34	cps
Scandium	45-2	156981	156624	157614	157073	0.32	cps
Selenium	77-2	2714	2817	2994	2841	4.98	cps
Selenium	78-2	9829	9711	9648	9729	0.95	cps
Selenium	82-1	64806	65919	66184	65636	1.11	cps
Silicon	28-1	1820625	1836244	1834875	1830581	0.47	cps
Silver	109-1	3989072	3946416	3971211	3968900	0.54	cps
Silver	107-1	4087462	4113954	4115850	4105755	0.39	cps
Sodium	23-2	11179902	11192820	11176090	11182937	0.08	cps
Strontium	86-1	1039078	1045973	1043265	1042772	0.33	cps
Strontium	88-1	9147410	9217467	9191616	9185497	0.39	cps
Sulfur	34-1	470999	474311	470876	472062	0.41	cps
Terbium	159-1	10435773	10405981	10507899	10449884	0.50	cps
Terbium	159-2	5152472	5169857	5182806	5168378	0.29	cps
Thallium	203-1	3872847	3861230	3858719	3864265	0.20	cps
Thallium	205-1	9262299	9347234	9274575	9294703	0.49	cps
Thorium	232-1	13985875	14073713	14142260	14067282	0.56	cps
Tin	118-1	2808933	2834665	2858524	2834041	0.88	cps
Titanium	47-1	1896813	1891573	1901353	1896580	0.26	cps
Uranium	238-1	13892632	13815352	13936562	13881515	0.44	cps
Vanadium	51-2	614129	617721	618598	616816	0.38	cps
Yttrium	89-1	14537471	14610228	14657923	14601874	0.42	cps
Yttrium	89-2	2028268	2052042	2055785	2045365	0.73	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:50:46	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	307621	310840	313782	310748	0.99	cps
Zirconium	90-1	5227436	5255985	5288344	5257255	0.58	cps
Zirconium	91-1	1162768	1170787	1169310	1167621	0.37	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 13:54:34 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1042639	1047960	1044047	1044882	0.26	cps
Antimony	121-1	6562769	6638593	6602277	6601213	0.57	cps
Arsenic	75-1	1287190	1314677	1302583	1301483	1.06	cps
Barium	135-1	8654084	8755769	8691013	8700289	0.59	cps
Barium	137-1	15086544	15280946	15252714	15206735	0.69	cps
Beryllium	9-1	1257961	1270850	1264865	1264559	0.51	cps
Bismuth	209-1	6752451	6837092	6812921	6800821	0.64	cps
Bismuth	209-2	3935462	3940937	3948491	3941630	0.17	cps
Boron	10-1	189115	194053	192990	192053	1.35	cps
Boron	11-1	856042	876345	880459	870949	1.50	cps
Cadmium	111-1	1993643	2001171	2005130	1999981	0.29	cps
Cadmium	106-1	218215	219847	218085	218716	0.45	cps
Cadmium	108-1	147663	150005	147104	148258	1.04	cps
Calcium	43-1	1808049	1833652	1826551	1822751	0.73	cps
Calcium	44-1	29752143	29909943	29899438	29853842	0.30	cps
Chromium	52-2	1529727	1538354	1533224	1533768	0.28	cps
Cobalt	59-2	2532083	2543905	2530654	2535547	0.29	cps
Copper	63-2	3856090	3880321	3865054	3867155	0.32	cps
Dysprosium	156-1	150	92	117	119	24.50	cps
Dysprosium	156-2	170	180	173	174	2.92	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	37	40	30	36	14.32	cps
Gadolinium	160-1	17	67	58	47	56.72	cps
Gadolinium	160-2	180	207	197	194	6.93	cps
Holmium	165-1	10264732	10460021	10369685	10364812	0.94	cps
Holmium	165-2	5272578	5311271	5337702	5307184	0.62	cps
Indium	115-1	7201478	7321345	7267282	7263369	0.83	cps
Indium	115-2	1439729	1433195	1433842	1435589	0.25	cps
Iron	56-2	68809182	68976595	68382792	68722856	0.45	cps
Iron	57-2	1715446	1712826	1714737	1714336	0.08	cps
Krypton	83-1	200	177	210	196	8.75	cps
Lead	206-1	6250515	6351330	6327199	6309681	0.83	cps
Lead	207-1	5552709	5647057	5610568	5603445	0.85	cps
Lead	208-1	25451066	25835216	25733259	25673180	0.78	cps
Lithium	6-1	2055395	2085719	2071735	2070950	0.73	cps
Magnesium	24-2	11946921	11879459	11878082	11901487	0.33	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:54:34	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1992131	2003863	1991812	1995936	0.34	cps
Molybdenum	94-1	13174142	13433714	13404153	13337336	1.07	cps
Molybdenum	95-1	16443201	16759403	16666888	16623164	0.98	cps
Molybdenum	96-1	18110373	18456830	18346788	18304664	0.97	cps
Molybdenum	97-1	10309611	10443429	10377777	10376939	0.64	cps
Molybdenum	98-1	26448426	26802474	26751689	26667530	0.72	cps
Neodymium	150-1	647	747	727	707	7.49	cps
Neodymium	150-2	67	80	83	77	11.50	cps
Nickel	60-2	648011	649163	645873	647682	0.26	cps
Phosphorus	31-2	55203	55011	54852	55022	0.32	cps
Potassium	39-2	5711209	5719046	5689959	5706738	0.26	cps
Rhodium	103-1	5933730	6137588	6086681	6052666	1.75	cps
Rhodium	103-2	2845504	2852951	2850826	2849760	0.13	cps
Scandium	45-1	3859027	3890194	3877895	3875705	0.41	cps
Scandium	45-2	160768	159706	159447	159974	0.44	cps
Selenium	77-2	5394	5448	5798	5547	3.95	cps
Selenium	78-2	18812	18690	18873	18792	0.50	cps
Selenium	82-1	129138	130429	128935	129500	0.63	cps
Silicon	28-1	3606292	3665155	3650742	3640729	0.84	cps
Silver	109-1	8434839	8537129	8527188	8499719	0.66	cps
Silver	107-1	8911442	9055031	9015154	8993876	0.82	cps
Sodium	23-2	22377067	22374605	22339148	22363607	0.09	cps
Strontium	86-1	2087274	2101453	2093708	2094145	0.34	cps
Strontium	88-1	18355822	18680312	18714735	18583623	1.07	cps
Sulfur	34-1	796669	806019	802288	801659	0.59	cps
Terbium	159-1	10536233	10737213	10706111	10659852	1.01	cps
Terbium	159-2	5207005	5232656	5251450	5230370	0.43	cps
Thallium	203-1	7646505	7847084	7819298	7770963	1.40	cps
Thallium	205-1	18509173	18870683	18897375	18759077	1.16	cps
Thorium	232-1	28459849	28834195	28846043	28713362	0.76	cps
Tin	118-1	5698173	5751382	5704226	5717927	0.51	cps
Titanium	47-1	3828095	3861939	3858814	3849616	0.49	cps
Uranium	238-1	27936005	28381945	28498842	28272264	1.05	cps
Vanadium	51-2	1242909	1238600	1238281	1239930	0.21	cps
Yttrium	89-1	14765776	14963489	14870791	14866685	0.67	cps
Yttrium	89-2	2059355	2057183	2052906	2056482	0.16	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:54:34	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	619757	622190	623668	621871	0.32	cps
Zirconium	90-1	10722833	10870331	10813355	10802173	0.69	cps
Zirconium	91-1	2350763	2381029	2384727	2372173	0.79	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:58:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5370715	5430716	5361992	5387808	0.69	cps
Antimony	121-1	9795	9829	10579	10068	4.40	cps
Arsenic	75-1	1684	1622	1751	1686	3.80	cps
Barium	135-1	1725	1358	1142	1408	20.94	cps
Barium	137-1	2642	2209	2150	2334	11.51	cps
Beryllium	9-1	273	297	180	250	24.70	cps
Bismuth	209-1	6216998	6123772	6108580	6149783	0.95	cps
Bismuth	209-2	3476119	3501340	3474299	3483920	0.43	cps
Boron	10-1	10154	9295	8461	9303	9.10	cps
Boron	11-1	46380	41951	39837	42723	7.82	cps
Cadmium	111-1	3938	3583	3940	3820	5.38	cps
Cadmium	106-1	5051	4684	5210	4982	5.41	cps
Cadmium	108-1	33	42	63	46	32.78	cps
Calcium	43-1	9149849	9039472	9041024	9076782	0.70	cps
Calcium	44-1	149718791	148180287	147889932	148596337	0.66	cps
Chromium	52-2	40830	41475	40673	40993	1.04	cps
Cobalt	59-2	30759	31086	31511	31119	1.21	cps
Copper	63-2	5231	5368	5341	5313	1.36	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	40	23	10	24	61.49	cps
Erbium	164-1	17	42	75	44	65.84	cps
Erbium	164-2	40	47	33	40	16.68	cps
Gadolinium	160-1	25	50	58	44	39.04	cps
Gadolinium	160-2	227	150	163	180	22.76	cps
Holmium	165-1	10307138	10196655	10180479	10228091	0.67	cps
Holmium	165-2	5135618	5152887	5104986	5131164	0.47	cps
Indium	115-1	7187719	7067598	7080127	7111815	0.93	cps
Indium	115-2	1409452	1424001	1413918	1415791	0.53	cps
Iron	56-2	335233307	337825908	334779107	335946108	0.49	cps
Iron	57-2	8370522	8444973	8366633	8394043	0.53	cps
Krypton	83-1	217	190	167	191	13.09	cps
Lead	206-1	3928	3667	3601	3732	4.64	cps
Lead	207-1	3095	3217	2928	3080	4.71	cps
Lead	208-1	15154	14426	13792	14457	4.71	cps
Lithium	6-1	2126083	2113253	2114809	2118049	0.33	cps
Magnesium	24-2	57619064	58283933	58005780	57969592	0.58	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:58:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6275	6315	6628	6406	3.02	cps
Molybdenum	94-1	9912	9353	8603	9290	7.07	cps
Molybdenum	95-1	14416	13957	12956	13777	5.42	cps
Molybdenum	96-1	20899	20883	20474	20752	1.16	cps
Molybdenum	97-1	9128	8870	8303	8767	4.82	cps
Molybdenum	98-1	22443	21584	20924	21650	3.52	cps
Neodymium	150-1	93	67	100	87	20.35	cps
Neodymium	150-2	20	23	33	26	27.15	cps
Nickel	60-2	17003	17124	17397	17175	1.17	cps
Phosphorus	31-2	58	92	50	67	33.07	cps
Potassium	39-2	28582980	28900300	28502395	28661892	0.73	cps
Rhodium	103-1	5739684	5630969	5668200	5679618	0.97	cps
Rhodium	103-2	2645173	2669287	2649513	2654658	0.48	cps
Scandium	45-1	4007519	3953947	3968271	3976579	0.70	cps
Scandium	45-2	162844	164141	163130	163372	0.42	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	65	22	46	44	48.06	cps
Selenium	82-1	111	146	173	143	21.85	cps
Silicon	28-1	153690	154398	150417	152835	1.39	cps
Silver	109-1	1067	700	600	789	31.15	cps
Silver	107-1	933	1050	725	903	18.24	cps
Sodium	23-2	109548990	110982948	109360052	109963997	0.81	cps
Strontium	86-1	8528	9128	8853	8836	3.40	cps
Strontium	88-1	75734	74167	74669	74857	1.07	cps
Sulfur	34-1	177816	177231	176123	177057	0.49	cps
Terbium	159-1	10677909	10483739	10500439	10554029	1.02	cps
Terbium	159-2	4994980	5062867	5009665	5022504	0.71	cps
Thallium	203-1	2375	2075	2142	2198	7.17	cps
Thallium	205-1	5835	5301	4334	5157	14.75	cps
Thorium	232-1	7625	6585	6118	6776	11.38	cps
Tin	118-1	3159	2809	3134	3034	6.44	cps
Titanium	47-1	1242	1067	1167	1158	7.58	cps
Uranium	238-1	4418	3776	3659	3951	10.34	cps
Vanadium	51-2	183	190	267	213	21.71	cps
Yttrium	89-1	15046297	14817183	14793686	14885722	0.94	cps
Yttrium	89-2	2062042	2068421	2054255	2061573	0.34	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 13:58:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4661	4751	4621	4677	1.42	cps
Zirconium	90-1	3701	3059	3284	3348	9.73	cps
Zirconium	91-1	925	758	742	808	12.54	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:04:29	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27852	26917	27084	27284	1.83	cps
Antimony	121-1	1394844	1383869	1380260	1386324	0.55	cps
Arsenic	75-1	302871	305103	295924	301299	1.59	cps
Barium	135-1	182954	184355	180768	182693	0.99	cps
Barium	137-1	320161	320235	314368	318255	1.06	cps
Beryllium	9-1	145195	145997	142770	144654	1.16	cps
Bismuth	209-1	7357052	7365928	7288279	7337086	0.58	cps
Bismuth	209-2	4181593	4196386	4245890	4207956	0.80	cps
Boron	10-1	4167	4309	4684	4387	6.09	cps
Boron	11-1	20715	19630	18420	19588	5.86	cps
Cadmium	111-1	209100	206708	205564	207124	0.87	cps
Cadmium	106-1	22402	22168	23078	22549	2.10	cps
Cadmium	108-1	15651	16055	15721	15809	1.37	cps
Calcium	43-1	41367	41927	40799	41365	1.36	cps
Calcium	44-1	667609	667504	659990	665034	0.66	cps
Chromium	52-2	167688	164890	166943	166507	0.87	cps
Cobalt	59-2	289707	288426	285582	287905	0.73	cps
Copper	63-2	206688	204352	206721	205920	0.66	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	30	17	7	18	65.83	cps
Erbium	164-1	92	67	67	75	19.24	cps
Erbium	164-2	63	67	77	69	10.08	cps
Gadolinium	160-1	42	100	33	58	62.27	cps
Gadolinium	160-2	220	143	197	187	21.05	cps
Holmium	165-1	10616909	10616012	10432283	10555068	1.01	cps
Holmium	165-2	5335123	5351679	5389956	5358919	0.52	cps
Indium	115-1	8078729	8009744	7922836	8003770	0.98	cps
Indium	115-2	1574337	1584301	1589019	1582552	0.47	cps
Iron	56-2	1539477	1532815	1531739	1534677	0.27	cps
Iron	57-2	39376	37638	37454	38156	2.78	cps
Krypton	83-1	203	127	147	159	25.03	cps
Lead	206-1	1330370	1320993	1313030	1321464	0.66	cps
Lead	207-1	1156996	1148814	1143856	1149889	0.58	cps
Lead	208-1	5298209	5280428	5251571	5276736	0.45	cps
Lithium	6-1	2326941	2305789	2279353	2304028	1.03	cps
Magnesium	24-2	158125	153260	156777	156054	1.61	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:04:29 DataFile Name : 010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	106898	108735	107495	107709	0.87	cps
Molybdenum	94-1	4877873	4820659	4795027	4831186	0.88	cps
Molybdenum	95-1	8709555	8657296	8587061	8651304	0.71	cps
Molybdenum	96-1	9253158	9208961	9117359	9193159	0.75	cps
Molybdenum	97-1	5340340	5311377	5247648	5299788	0.89	cps
Molybdenum	98-1	13992307	13882082	13707359	13860583	1.04	cps
Neodymium	150-1	27	33	13	24	41.66	cps
Neodymium	150-2	20	10	0	10	100.00	cps
Nickel	60-2	76063	75711	76230	76001	0.35	cps
Phosphorus	31-2	100	108	100	103	4.68	cps
Potassium	39-2	258005	259313	259633	258983	0.33	cps
Rhodium	103-1	6987012	6991511	6862429	6946984	1.05	cps
Rhodium	103-2	3177696	3182903	3208523	3189707	0.52	cps
Scandium	45-1	4322030	4295171	4239656	4285619	0.98	cps
Scandium	45-2	169510	171712	172001	171074	0.80	cps
Selenium	77-2	1340	1253	1227	1273	4.65	cps
Selenium	78-2	4475	4408	4679	4521	3.12	cps
Selenium	82-1	31333	31299	31020	31217	0.55	cps
Silicon	28-1	94388	95831	96979	95733	1.36	cps
Silver	109-1	809808	807186	799447	805480	0.67	cps
Silver	107-1	855320	832596	826638	838185	1.81	cps
Sodium	23-2	495953	486025	491285	491088	1.01	cps
Strontium	86-1	5543	5293	5660	5499	3.41	cps
Strontium	88-1	47295	45949	45498	46248	2.02	cps
Sulfur	34-1	182149	180041	172598	178263	2.81	cps
Terbium	159-1	10981271	10954876	10855561	10930569	0.61	cps
Terbium	159-2	5302045	5310057	5355103	5322402	0.54	cps
Thallium	203-1	1789906	1796463	1781685	1789351	0.41	cps
Thallium	205-1	4332112	4293054	4291388	4305518	0.54	cps
Thorium	232-1	4262	4129	4145	4179	1.74	cps
Tin	118-1	1308	1183	1383	1292	7.82	cps
Titanium	47-1	2141618	2118101	2107088	2122269	0.83	cps
Uranium	238-1	1525	1433	1584	1514	5.00	cps
Vanadium	51-2	133881	131193	131682	132252	1.08	cps
Yttrium	89-1	16194277	16104322	15863940	16054180	1.06	cps
Yttrium	89-2	2182948	2185134	2197860	2188648	0.37	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:04:29	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	71822	71926	71598	71782	0.23	cps
Zirconium	90-1	3075	2717	2900	2898	6.19	cps
Zirconium	91-1	900	842	758	833	8.54	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:08:06	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	25	31	31.50	cps
Antimony	121-1	1250	1208	1592	1350	15.58	cps
Arsenic	75-1	-68	-41	-14	-41	-66.60	cps
Barium	135-1	33	33	33	33	0.00	cps
Barium	137-1	92	100	67	86	20.15	cps
Beryllium	9-1	100	107	130	112	14.04	cps
Bismuth	209-1	7148521	7219203	7143601	7170442	0.59	cps
Bismuth	209-2	4108654	4113483	4188013	4136716	1.08	cps
Boron	10-1	2559	2567	2209	2445	8.37	cps
Boron	11-1	10679	10421	9779	10293	4.51	cps
Cadmium	111-1	3424	3462	3218	3368	3.91	cps
Cadmium	106-1	4843	4859	4568	4757	3.44	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	67	100	42	69	42.14	cps
Calcium	44-1	5860	6036	5935	5944	1.48	cps
Chromium	52-2	243	197	210	217	11.09	cps
Cobalt	59-2	33	57	30	40	36.33	cps
Copper	63-2	357	340	327	341	4.41	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	13	17	13	14	13.35	cps
Erbium	164-1	33	58	50	47	26.97	cps
Erbium	164-2	43	33	43	40	14.43	cps
Gadolinium	160-1	25	42	50	39	32.73	cps
Gadolinium	160-2	197	180	150	176	13.47	cps
Holmium	165-1	10327253	10272546	10273408	10291069	0.30	cps
Holmium	165-2	5219820	5212965	5299584	5244123	0.92	cps
Indium	115-1	7857118	7844540	7819805	7840488	0.24	cps
Indium	115-2	1548127	1558384	1573117	1559876	0.81	cps
Iron	56-2	3489	3073	3162	3241	6.77	cps
Iron	57-2	167	122	183	157	20.07	cps
Krypton	83-1	153	190	190	178	11.91	cps
Lead	206-1	744	722	706	724	2.70	cps
Lead	207-1	694	650	711	685	4.61	cps
Lead	208-1	2834	2639	2672	2715	3.83	cps
Lithium	6-1	2232258	2240172	2241108	2237846	0.22	cps
Magnesium	24-2	308	225	200	244	23.21	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:08:06	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	30	20	27	21.65	cps
Molybdenum	94-1	1025	1108	725	953	21.16	cps
Molybdenum	95-1	1500	1467	1225	1397	10.74	cps
Molybdenum	96-1	1725	1575	1358	1553	11.87	cps
Molybdenum	97-1	1025	983	858	956	9.08	cps
Molybdenum	98-1	2575	2375	1867	2273	16.07	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	57	47	40	48	17.56	cps
Phosphorus	31-2	50	67	50	56	17.32	cps
Potassium	39-2	9904	10404	9770	10026	3.33	cps
Rhodium	103-1	6806752	6783821	6815407	6801993	0.24	cps
Rhodium	103-2	3138518	3148047	3192024	3159530	0.90	cps
Scandium	45-1	4132183	4157978	4151222	4147128	0.32	cps
Scandium	45-2	168181	168505	170620	169102	0.78	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	37	44	37	40	10.81	cps
Selenium	82-1	81	52	27	53	50.48	cps
Silicon	28-1	75122	72233	73221	73526	2.00	cps
Silver	109-1	192	100	83	125	46.67	cps
Silver	107-1	142	167	208	172	19.56	cps
Sodium	23-2	8603	8611	8720	8645	0.75	cps
Strontium	86-1	275	242	217	244	11.97	cps
Strontium	88-1	83	92	75	83	10.00	cps
Sulfur	34-1	170784	172522	173955	172420	0.92	cps
Terbium	159-1	10738544	10735702	10647959	10707402	0.48	cps
Terbium	159-2	5168734	5163552	5223748	5185345	0.64	cps
Thallium	203-1	800	867	792	820	5.02	cps
Thallium	205-1	1934	1759	1767	1820	5.43	cps
Thorium	232-1	1567	1522	1545	1545	1.44	cps
Tin	118-1	817	733	892	814	9.73	cps
Titanium	47-1	208	175	208	197	9.76	cps
Uranium	238-1	1433	1350	1383	1389	3.02	cps
Vanadium	51-2	17	3	0	7	132.33	cps
Yttrium	89-1	15581536	15685276	15698648	15655153	0.41	cps
Yttrium	89-2	2158249	2145192	2184833	2162758	0.93	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:08:06	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	250	263	271	9.55	cps
Zirconium	90-1	625	750	650	675	9.80	cps
Zirconium	91-1	58	183	175	139	50.32	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:11:43	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5000893	4993312	4996416	4996874	0.08	cps
Antimony	121-1	7577	8228	8520	8108	5.95	cps
Arsenic	75-1	1823	2388	1970	2060	14.23	cps
Barium	135-1	2734	2742	2500	2659	5.16	cps
Barium	137-1	4451	4468	4434	4451	0.37	cps
Beryllium	9-1	433	520	457	470	9.54	cps
Bismuth	209-1	6784553	6822305	6907231	6838030	0.92	cps
Bismuth	209-2	3994606	4009737	3982513	3995618	0.34	cps
Boron	10-1	1900	2092	1825	1939	7.09	cps
Boron	11-1	9362	9211	9378	9317	0.99	cps
Cadmium	111-1	3594	3981	3916	3830	5.41	cps
Cadmium	106-1	4459	4659	4559	4559	2.19	cps
Cadmium	108-1	1575	1467	1442	1495	4.74	cps
Calcium	43-1	1803302	1819537	1833246	1818695	0.82	cps
Calcium	44-1	29746300	30037726	30332810	30038945	0.98	cps
Chromium	52-2	31444	31698	32352	31831	1.47	cps
Cobalt	59-2	3380	3304	3304	3329	1.33	cps
Copper	63-2	14347	15101	14604	14684	2.61	cps
Dysprosium	156-1	50	8	42	33	66.15	cps
Dysprosium	156-2	30	27	37	31	16.37	cps
Erbium	164-1	58	58	42	53	18.23	cps
Erbium	164-2	43	43	60	49	19.69	cps
Gadolinium	160-1	67	42	67	58	24.74	cps
Gadolinium	160-2	223	143	210	192	22.30	cps
Holmium	165-1	10555511	10648300	10745876	10649896	0.89	cps
Holmium	165-2	5490389	5499194	5492334	5493972	0.08	cps
Indium	115-1	7565603	7653572	7707887	7642354	0.94	cps
Indium	115-2	1525369	1537659	1519311	1527446	0.61	cps
Iron	56-2	141702659	140236089	140771503	140903417	0.53	cps
Iron	57-2	3488847	3485227	3479195	3484423	0.14	cps
Krypton	83-1	193	173	147	171	13.68	cps
Lead	206-1	30686	30575	30842	30701	0.44	cps
Lead	207-1	24445	24384	24122	24317	0.71	cps
Lead	208-1	115390	115468	115647	115502	0.11	cps
Lithium	6-1	2216890	2231074	2243628	2230530	0.60	cps
Magnesium	24-2	12185881	12210123	12183288	12193097	0.12	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:11:43	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7796	8246	8256	8099	3.25	cps
Molybdenum	94-1	3420106	3399642	3438446	3419398	0.57	cps
Molybdenum	95-1	6136821	6148594	6188358	6157924	0.44	cps
Molybdenum	96-1	6469755	6521772	6584387	6525305	0.88	cps
Molybdenum	97-1	3736794	3747807	3820881	3768494	1.21	cps
Molybdenum	98-1	9794724	9846679	9989819	9877074	1.02	cps
Neodymium	150-1	47	47	40	44	8.66	cps
Neodymium	150-2	23	17	23	21	18.21	cps
Nickel	60-2	3694	3794	3867	3785	2.30	cps
Phosphorus	31-2	286159	285008	283861	285009	0.40	cps
Potassium	39-2	11812549	11778521	11728986	11773352	0.36	cps
Rhodium	103-1	6298953	6340830	6421250	6353678	0.98	cps
Rhodium	103-2	2994848	2991090	2971523	2985820	0.42	cps
Scandium	45-1	4092003	4124239	4134081	4116774	0.53	cps
Scandium	45-2	168937	169617	170950	169835	0.60	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	39	35	44	40	11.78	cps
Selenium	82-1	26	49	74	50	48.05	cps
Silicon	28-1	146428	148993	149171	148197	1.04	cps
Silver	109-1	258	275	317	283	10.60	cps
Silver	107-1	342	483	358	394	19.63	cps
Sodium	23-2	23077251	23088922	22791122	22985765	0.73	cps
Strontium	86-1	72140	72400	73346	72629	0.87	cps
Strontium	88-1	623249	627384	635113	628582	0.96	cps
Sulfur	34-1	3429996	3446918	3485325	3454080	0.82	cps
Terbium	159-1	10889357	11027702	11087205	11001422	0.92	cps
Terbium	159-2	5417209	5403200	5416031	5412147	0.14	cps
Thallium	203-1	1934	2234	2067	2078	7.23	cps
Thallium	205-1	4301	4509	4935	4582	7.05	cps
Thorium	232-1	1756	1689	1845	1763	4.43	cps
Tin	118-1	1809	1892	1750	1817	3.92	cps
Titanium	47-1	1585236	1581996	1595926	1587719	0.46	cps
Uranium	238-1	1759	1917	1650	1775	7.56	cps
Vanadium	51-2	240	233	243	239	2.13	cps
Yttrium	89-1	15445602	15643434	15734123	15607720	0.95	cps
Yttrium	89-2	2183236	2181535	2160584	2175119	0.58	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:11:43	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5601	5658	5758	5672	1.40	cps
Zirconium	90-1	717	817	842	792	8.36	cps
Zirconium	91-1	192	167	258	206	23.05	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:15:20 DataFile Name : 013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4847739	4841044	4815315	4834699	0.35	cps
Antimony	121-1	133674	135592	136061	135109	0.94	cps
Arsenic	75-1	26858	28011	27797	27556	2.22	cps
Barium	135-1	37000	37384	37359	37248	0.58	cps
Barium	137-1	62340	63982	63396	63239	1.32	cps
Beryllium	9-1	25849	26443	26093	26128	1.14	cps
Bismuth	209-1	6676386	6785235	6761716	6741112	0.85	cps
Bismuth	209-2	3923542	3915218	3960530	3933097	0.61	cps
Boron	10-1	14224	15692	14624	14847	5.11	cps
Boron	11-1	65384	67225	67677	66762	1.82	cps
Cadmium	111-1	39872	39854	39579	39768	0.41	cps
Cadmium	106-1	9762	9629	9979	9790	1.81	cps
Cadmium	108-1	4655	4547	4705	4636	1.75	cps
Calcium	43-1	1751974	1759320	1778948	1763414	0.79	cps
Calcium	44-1	29000678	29268745	29461970	29243798	0.79	cps
Chromium	52-2	60550	60945	61601	61032	0.87	cps
Cobalt	59-2	54986	54250	54752	54663	0.69	cps
Copper	63-2	50330	50169	50410	50303	0.24	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	17	27	23	22	22.91	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	33	57	40	43	27.74	cps
Gadolinium	160-1	83	83	125	97	24.74	cps
Gadolinium	160-2	183	153	187	174	10.52	cps
Holmium	165-1	10360970	10519628	10551559	10477385	0.97	cps
Holmium	165-2	5394370	5376780	5445703	5405618	0.66	cps
Indium	115-1	7441069	7558989	7522020	7507359	0.80	cps
Indium	115-2	1499879	1494024	1518231	1504045	0.84	cps
Iron	56-2	136254711	136720464	136217184	136397453	0.21	cps
Iron	57-2	3370555	3383887	3386089	3380177	0.25	cps
Krypton	83-1	217	167	167	183	15.75	cps
Lead	206-1	152974	153216	154419	153536	0.50	cps
Lead	207-1	127179	128155	128122	127819	0.43	cps
Lead	208-1	589030	595020	596749	593600	0.68	cps
Lithium	6-1	2122863	2168342	2149787	2146997	1.07	cps
Magnesium	24-2	11796272	11800481	11770566	11789107	0.14	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:15:20 DataFile Name : 013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27105	27673	27646	27475	1.17	cps
Molybdenum	94-1	3658563	3693826	3710284	3687558	0.72	cps
Molybdenum	95-1	6132171	6197634	6244915	6191574	0.91	cps
Molybdenum	96-1	6550334	6641319	6662332	6617995	0.90	cps
Molybdenum	97-1	3751256	3815101	3805146	3790501	0.91	cps
Molybdenum	98-1	9844642	10034169	9980531	9953114	0.98	cps
Neodymium	150-1	47	53	33	44	22.91	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	17070	16850	16983	16968	0.65	cps
Phosphorus	31-2	272028	274090	273573	273231	0.39	cps
Potassium	39-2	11409272	11401868	11355078	11388739	0.26	cps
Rhodium	103-1	6160946	6307026	6274225	6247399	1.23	cps
Rhodium	103-2	2929964	2908233	2962207	2933468	0.93	cps
Scandium	45-1	3991677	4034325	4012409	4012804	0.53	cps
Scandium	45-2	165499	164152	168374	166009	1.30	cps
Selenium	77-2	133	137	67	112	35.19	cps
Selenium	78-2	457	424	406	429	6.12	cps
Selenium	82-1	2606	2581	2695	2627	2.30	cps
Silicon	28-1	366293	371737	373907	370646	1.06	cps
Silver	109-1	144884	149019	147580	147161	1.43	cps
Silver	107-1	152529	155234	154163	153975	0.88	cps
Sodium	23-2	22288945	22227630	22158181	22224919	0.29	cps
Strontium	86-1	220559	224267	224230	223018	0.96	cps
Strontium	88-1	1952993	1960832	1975172	1962999	0.57	cps
Sulfur	34-1	3311879	3349076	3383727	3348227	1.07	cps
Terbium	159-1	10644603	10870583	10832603	10782596	1.12	cps
Terbium	159-2	5302766	5284152	5347601	5311506	0.61	cps
Thallium	203-1	149319	150593	151597	150503	0.76	cps
Thallium	205-1	361756	365676	372994	366809	1.55	cps
Thorium	232-1	2700	2867	2756	2774	3.06	cps
Tin	118-1	353660	352853	354608	353707	0.25	cps
Titanium	47-1	1568860	1577108	1585312	1577093	0.52	cps
Uranium	238-1	1661404	1682684	1673866	1672651	0.64	cps
Vanadium	51-2	24454	24861	24524	24613	0.88	cps
Yttrium	89-1	15210802	15490851	15410938	15370864	0.94	cps
Yttrium	89-2	2128878	2125792	2147777	2134149	0.56	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:15:20	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10240	10707	10964	10637	3.45	cps
Zirconium	90-1	648961	659080	656501	654848	0.80	cps
Zirconium	91-1	144185	147384	145466	145679	1.11	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : CCV81 Instrumnet Name : P7
 Client Sample ID : CCV81 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:18:58 DataFile Name : 014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2829352	2835347	2825241	2829980	0.18	cps
Antimony	121-1	3192213	3197897	3203960	3198023	0.18	cps
Arsenic	75-1	697145	700844	708307	702098	0.81	cps
Barium	135-1	4260308	4292746	4335551	4296202	0.88	cps
Barium	137-1	7537289	7563422	7640012	7580241	0.70	cps
Beryllium	9-1	639641	646673	655723	647346	1.25	cps
Bismuth	209-1	6537244	6535837	6578396	6550492	0.37	cps
Bismuth	209-2	3832801	3819022	3810159	3820661	0.30	cps
Boron	10-1	92391	97043	97060	95498	2.82	cps
Boron	11-1	413033	431654	448008	430898	4.06	cps
Cadmium	111-1	1011581	1006100	1022563	1013414	0.83	cps
Cadmium	106-1	113148	114225	115325	114233	0.95	cps
Cadmium	108-1	75361	74880	76694	75645	1.24	cps
Calcium	43-1	4427326	4458878	4523892	4470032	1.10	cps
Calcium	44-1	73206643	73939375	74596304	73914107	0.94	cps
Chromium	52-2	807695	806071	809698	807821	0.22	cps
Cobalt	59-2	1312125	1313537	1308069	1311244	0.22	cps
Copper	63-2	2007265	2016303	2005983	2009851	0.28	cps
Dysprosium	156-1	125	133	100	119	14.53	cps
Dysprosium	156-2	127	127	150	134	10.02	cps
Erbium	164-1	75	125	108	103	24.77	cps
Erbium	164-2	83	50	57	63	27.85	cps
Gadolinium	160-1	183	92	100	125	40.55	cps
Gadolinium	160-2	193	203	203	200	2.89	cps
Holmium	165-1	10447114	10516740	10608867	10524240	0.77	cps
Holmium	165-2	5388219	5404649	5380766	5391211	0.23	cps
Indium	115-1	7351420	7368333	7503410	7407721	1.12	cps
Indium	115-2	1478897	1486208	1481552	1482219	0.25	cps
Iron	56-2	174914732	174086387	174295754	174432291	0.25	cps
Iron	57-2	4316879	4349198	4344727	4336935	0.40	cps
Krypton	83-1	157	163	203	174	14.47	cps
Lead	206-1	2966527	2997268	3001490	2988428	0.64	cps
Lead	207-1	2636854	2655786	2658529	2650390	0.45	cps
Lead	208-1	12037250	12137354	12167974	12114193	0.56	cps
Lithium	6-1	2128130	2131976	2175230	2145112	1.22	cps
Magnesium	24-2	30002814	30151885	30124495	30093065	0.26	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:18:58	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1027058	1026082	1027055	1026732	0.05	cps
Molybdenum	94-1	6714123	6754942	6838789	6769285	0.94	cps
Molybdenum	95-1	8335526	8392930	8508600	8412352	1.05	cps
Molybdenum	96-1	9197810	9243383	9365865	9269019	0.94	cps
Molybdenum	97-1	5109441	5113968	5181110	5134840	0.78	cps
Molybdenum	98-1	13416589	13507670	13609657	13511305	0.71	cps
Neodymium	150-1	473	513	520	502	5.03	cps
Neodymium	150-2	83	73	107	88	19.48	cps
Nickel	60-2	334906	334207	334679	334597	0.11	cps
Phosphorus	31-2	28420	28970	29505	28965	1.87	cps
Potassium	39-2	14826462	14922555	14850891	14866636	0.34	cps
Rhodium	103-1	6109582	6134539	6192430	6145517	0.69	cps
Rhodium	103-2	2875587	2890605	2890010	2885400	0.29	cps
Scandium	45-1	4022503	4072380	4121705	4072196	1.22	cps
Scandium	45-2	169092	171615	168340	169682	1.01	cps
Selenium	77-2	2750	2707	2630	2696	2.25	cps
Selenium	78-2	8973	9157	9427	9186	2.49	cps
Selenium	82-1	61729	62392	62543	62221	0.70	cps
Silicon	28-1	2130990	2208649	2272291	2203976	3.21	cps
Silver	109-1	4178564	4199482	4222278	4200108	0.52	cps
Silver	107-1	4337606	4333568	4383011	4351395	0.63	cps
Sodium	23-2	56647374	56831785	56893951	56791037	0.23	cps
Strontium	86-1	1039669	1048951	1060392	1049671	0.99	cps
Strontium	88-1	9278136	9347611	9392850	9339533	0.62	cps
Sulfur	34-1	504994	507365	513552	508637	0.87	cps
Terbium	159-1	10729345	10799680	10940922	10823316	1.00	cps
Terbium	159-2	5286631	5289026	5286991	5287550	0.02	cps
Thallium	203-1	3663012	3689545	3720393	3690983	0.78	cps
Thallium	205-1	8953829	8983554	8986563	8974649	0.20	cps
Thorium	232-1	13894186	13913636	14046165	13951329	0.59	cps
Tin	118-1	2752854	2791053	2806888	2783598	1.00	cps
Titanium	47-1	1964063	1962107	1993233	1973134	0.88	cps
Uranium	238-1	13698132	13744839	13843721	13762231	0.54	cps
Vanadium	51-2	649917	646401	649248	648522	0.29	cps
Yttrium	89-1	15290958	15358046	15496142	15381715	0.68	cps
Yttrium	89-2	2150328	2151758	2149142	2150409	0.06	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P7
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:18:58	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	333127	332304	334943	333458	0.40	cps
Zirconium	90-1	5317717	5375237	5505529	5399494	1.78	cps
Zirconium	91-1	1185782	1193784	1201390	1193652	0.65	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : CCB81 Instrumnet Name : P7
 Client Sample ID : CCB81 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:22:35 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	92	117	97	17.84	cps
Antimony	121-1	2717	2534	2984	2745	8.25	cps
Arsenic	75-1	215	470	10	232	99.43	cps
Barium	135-1	375	283	225	294	25.68	cps
Barium	137-1	708	383	308	467	45.56	cps
Beryllium	9-1	177	183	133	164	16.51	cps
Bismuth	209-1	7396609	7280407	7206289	7294435	1.32	cps
Bismuth	209-2	4229254	4222500	4262657	4238137	0.51	cps
Boron	10-1	4468	4176	4042	4229	5.14	cps
Boron	11-1	19513	18062	16902	18159	7.21	cps
Cadmium	111-1	3402	3667	3415	3495	4.28	cps
Cadmium	106-1	4651	5009	4726	4795	3.94	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	550	350	208	369	46.47	cps
Calcium	44-1	12824	10030	9012	10622	18.58	cps
Chromium	52-2	237	253	293	261	11.15	cps
Cobalt	59-2	67	73	43	61	25.78	cps
Copper	63-2	530	523	587	547	6.37	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	58	50	25	44	39.04	cps
Erbium	164-2	30	37	43	37	18.18	cps
Gadolinium	160-1	17	58	17	31	78.72	cps
Gadolinium	160-2	133	160	163	152	10.80	cps
Holmium	165-1	10671563	10476420	10457587	10535190	1.12	cps
Holmium	165-2	5376801	5417934	5466818	5420518	0.83	cps
Indium	115-1	8113293	8048607	8024482	8062127	0.57	cps
Indium	115-2	1618544	1625670	1622193	1622136	0.22	cps
Iron	56-2	8319	7997	8152	8156	1.98	cps
Iron	57-2	278	272	328	293	10.46	cps
Krypton	83-1	153	140	150	148	4.70	cps
Lead	206-1	1678	1656	1356	1563	11.51	cps
Lead	207-1	1517	1522	1195	1411	13.30	cps
Lead	208-1	6729	6312	5501	6180	10.10	cps
Lithium	6-1	2263464	2241067	2233596	2246042	0.69	cps
Magnesium	24-2	783	958	683	808	17.22	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : CCB81 Instrumnet Name : P7
 Client Sample ID : CCB81 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:22:35 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	47	23	42	40.52	cps
Molybdenum	94-1	1800	1375	1342	1506	16.97	cps
Molybdenum	95-1	1992	1433	1558	1661	17.64	cps
Molybdenum	96-1	2000	1800	1825	1875	5.81	cps
Molybdenum	97-1	1200	958	808	989	19.98	cps
Molybdenum	98-1	2975	2625	2334	2645	12.15	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	27	57	63	49	39.94	cps
Phosphorus	31-2	33	50	42	42	20.00	cps
Potassium	39-2	11914	11839	11305	11686	2.84	cps
Rhodium	103-1	7103326	7030319	7007306	7046984	0.71	cps
Rhodium	103-2	3250492	3276054	3283590	3270045	0.53	cps
Scandium	45-1	4304399	4283401	4241878	4276559	0.74	cps
Scandium	45-2	173509	175310	176173	174997	0.78	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	39	46	39	19.05	cps
Selenium	82-1	75	34	66	58	36.88	cps
Silicon	28-1	85125	81371	80576	82358	2.95	cps
Silver	109-1	592	575	400	522	20.33	cps
Silver	107-1	650	483	525	553	15.69	cps
Sodium	23-2	15025	14841	15442	15103	2.04	cps
Strontium	86-1	342	333	325	333	2.50	cps
Strontium	88-1	792	575	467	611	27.08	cps
Sulfur	34-1	180918	181416	180936	181090	0.16	cps
Terbium	159-1	11017584	10915492	10877905	10936994	0.66	cps
Terbium	159-2	5359989	5382860	5385683	5376177	0.26	cps
Thallium	203-1	2000	1617	1842	1820	10.59	cps
Thallium	205-1	4793	4067	3876	4245	11.39	cps
Thorium	232-1	3878	3401	3278	3519	9.01	cps
Tin	118-1	1834	1892	1775	1834	3.18	cps
Titanium	47-1	242	300	175	239	26.18	cps
Uranium	238-1	2709	2284	1817	2270	19.65	cps
Vanadium	51-2	7	27	3	12	103.26	cps
Yttrium	89-1	16271087	16097094	16098397	16155526	0.62	cps
Yttrium	89-2	2239307	2260202	2256332	2251947	0.49	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P7
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:22:35	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	280	257	313	283	10.05	cps
Zirconium	90-1	1667	1225	1350	1414	16.10	cps
Zirconium	91-1	233	208	225	222	5.73	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:26:11	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1075	1317	1075	1156	12.08	cps
Antimony	121-1	14834	14291	14233	14453	2.29	cps
Arsenic	75-1	1149	1750	1596	1498	20.84	cps
Barium	135-1	18638	18613	18496	18582	0.41	cps
Barium	137-1	32113	31378	31503	31665	1.24	cps
Beryllium	9-1	1813	1523	1553	1630	9.78	cps
Bismuth	209-1	7436944	7349962	7353889	7380265	0.67	cps
Bismuth	209-2	4268099	4298462	4298075	4288212	0.41	cps
Boron	10-1	7135	6944	7836	7305	6.43	cps
Boron	11-1	34616	33062	32035	33238	3.91	cps
Cadmium	111-1	5593	5393	5271	5419	3.00	cps
Cadmium	106-1	5326	5051	4818	5065	5.03	cps
Cadmium	108-1	200	217	175	197	10.63	cps
Calcium	43-1	9754	10304	10254	10104	3.01	cps
Calcium	44-1	171483	168651	166992	169042	1.34	cps
Chromium	52-2	3727	3671	3430	3609	4.36	cps
Cobalt	59-2	3044	3007	3030	3027	0.61	cps
Copper	63-2	4698	4788	4791	4759	1.11	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	17	3	7	9	78.08	cps
Erbium	164-1	58	58	50	56	8.67	cps
Erbium	164-2	20	30	13	21	39.75	cps
Gadolinium	160-1	58	33	67	53	32.88	cps
Gadolinium	160-2	97	143	170	137	27.16	cps
Holmium	165-1	10858318	10771837	10688385	10772847	0.79	cps
Holmium	165-2	5476660	5493378	5501435	5490491	0.23	cps
Indium	115-1	8327046	8350576	8300091	8325904	0.30	cps
Indium	115-2	1661342	1661810	1671989	1665047	0.36	cps
Iron	56-2	86174	85889	87236	86433	0.82	cps
Iron	57-2	2061	2406	2134	2200	8.26	cps
Krypton	83-1	170	187	200	186	8.10	cps
Lead	206-1	7853	7185	7130	7389	5.44	cps
Lead	207-1	6913	6568	6657	6713	2.67	cps
Lead	208-1	30297	29636	29202	29712	1.86	cps
Lithium	6-1	2309840	2310246	2309083	2309723	0.03	cps
Magnesium	24-2	67377	68139	67603	67707	0.58	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:26:11	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1213	1323	1120	1219	8.35	cps
Molybdenum	94-1	13941	13941	14233	14038	1.20	cps
Molybdenum	95-1	18054	16744	17194	17331	3.84	cps
Molybdenum	96-1	19973	20532	20006	20171	1.55	cps
Molybdenum	97-1	10771	10846	11747	11121	4.88	cps
Molybdenum	98-1	28454	27769	28789	28337	1.83	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	863	887	923	891	3.39	cps
Phosphorus	31-2	200	167	258	208	22.27	cps
Potassium	39-2	76363	75400	76983	76249	1.05	cps
Rhodium	103-1	7279690	7235574	7202342	7239202	0.54	cps
Rhodium	103-2	3365399	3363158	3387500	3372019	0.40	cps
Scandium	45-1	4473008	4448487	4454462	4458653	0.29	cps
Scandium	45-2	180286	181287	182724	181432	0.68	cps
Selenium	77-2	23	27	27	26	7.55	cps
Selenium	78-2	152	172	176	167	7.78	cps
Selenium	82-1	886	866	872	875	1.13	cps
Silicon	28-1	114721	115300	114428	114816	0.39	cps
Silver	109-1	9203	9062	9112	9126	0.79	cps
Silver	107-1	9620	9687	8828	9379	5.10	cps
Sodium	23-2	130295	132405	131253	131318	0.80	cps
Strontium	86-1	2509	2642	2475	2542	3.47	cps
Strontium	88-1	19873	20173	19664	19904	1.29	cps
Sulfur	34-1	192958	189000	193230	191729	1.23	cps
Terbium	159-1	11254879	11164665	11100749	11173431	0.69	cps
Terbium	159-2	5433313	5449911	5497489	5460237	0.61	cps
Thallium	203-1	8495	8445	8678	8539	1.44	cps
Thallium	205-1	20492	20492	19841	20275	1.85	cps
Thorium	232-1	26784	26850	26990	26874	0.39	cps
Tin	118-1	31828	32488	31536	31951	1.53	cps
Titanium	47-1	4584	4526	4451	4520	1.48	cps
Uranium	238-1	27279	27722	27079	27360	1.20	cps
Vanadium	51-2	7082	7239	7285	7202	1.48	cps
Yttrium	89-1	16798485	16838598	16726065	16787716	0.34	cps
Yttrium	89-2	2303827	2317588	2331978	2317798	0.61	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:26:11	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3901	3851	4157	3969	4.15	cps
Zirconium	90-1	11589	11338	11038	11322	2.43	cps
Zirconium	91-1	2525	2567	2417	2503	3.09	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : PB122580BL Instrumnet Name : P7
 Client Sample ID : PB122580BL Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:29:47 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	50	33	44	21.66	cps
Antimony	121-1	425	392	417	411	4.22	cps
Arsenic	75-1	-34	95	-115	-18	-587.91	cps
Barium	135-1	33	50	100	61	56.78	cps
Barium	137-1	133	133	125	131	3.68	cps
Beryllium	9-1	120	73	73	89	30.31	cps
Bismuth	209-1	7368341	7316539	7139984	7274955	1.65	cps
Bismuth	209-2	4234286	4207920	4252748	4231651	0.53	cps
Boron	10-1	2059	1767	1784	1870	8.76	cps
Boron	11-1	8786	8386	8861	8678	2.94	cps
Cadmium	111-1	3693	3457	3401	3517	4.40	cps
Cadmium	106-1	5226	4901	4826	4984	4.27	cps
Cadmium	108-1	17	4	21	14	62.43	cps
Calcium	43-1	200	133	183	172	20.15	cps
Calcium	44-1	6878	7486	7645	7336	5.52	cps
Chromium	52-2	227	230	223	227	1.47	cps
Cobalt	59-2	40	30	43	38	18.36	cps
Copper	63-2	497	530	447	491	8.54	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	20	13	10	14	35.26	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	27	37	57	40	38.18	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	157	150	130	146	9.54	cps
Holmium	165-1	10695402	10600312	10461557	10585757	1.11	cps
Holmium	165-2	5447837	5420242	5451693	5439924	0.32	cps
Indium	115-1	8350228	8277510	8183073	8270270	1.01	cps
Indium	115-2	1648494	1642416	1654267	1648392	0.36	cps
Iron	56-2	2861	2806	3084	2917	5.04	cps
Iron	57-2	144	111	106	120	17.47	cps
Krypton	83-1	210	173	157	180	15.16	cps
Lead	206-1	933	989	1011	978	4.10	cps
Lead	207-1	961	995	744	900	15.08	cps
Lead	208-1	3706	3756	3484	3648	3.97	cps
Lithium	6-1	2323371	2310585	2277998	2303985	1.02	cps
Magnesium	24-2	525	558	525	536	3.59	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	PB122580BL	Instrumnet Name :	P7
Client Sample ID :	PB122580BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:29:47	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	30	70	43	53.29	cps
Molybdenum	94-1	333	350	392	358	8.39	cps
Molybdenum	95-1	175	233	242	217	16.76	cps
Molybdenum	96-1	250	275	258	261	4.87	cps
Molybdenum	97-1	142	117	175	144	20.26	cps
Molybdenum	98-1	375	383	342	367	6.01	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	50	40	60	50	20.00	cps
Phosphorus	31-2	67	58	50	58	14.29	cps
Potassium	39-2	11338	10721	11680	11246	4.32	cps
Rhodium	103-1	7319654	7233444	7161651	7238250	1.09	cps
Rhodium	103-2	3346034	3316992	3344828	3335952	0.49	cps
Scandium	45-1	4487062	4456480	4386977	4443506	1.15	cps
Scandium	45-2	181398	181962	181435	181598	0.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	31	43	48	41	20.83	cps
Selenium	82-1	-8	59	45	32	109.31	cps
Silicon	28-1	78883	78004	77468	78118	0.91	cps
Silver	109-1	108	150	167	142	21.21	cps
Silver	107-1	225	292	108	208	44.54	cps
Sodium	23-2	8278	8444	8253	8325	1.25	cps
Strontium	86-1	300	292	367	319	12.87	cps
Strontium	88-1	150	200	183	178	14.32	cps
Sulfur	34-1	191237	191092	190393	190908	0.24	cps
Terbium	159-1	11147752	11030367	10954058	11044059	0.88	cps
Terbium	159-2	5413287	5360728	5391318	5388444	0.49	cps
Thallium	203-1	825	717	550	697	19.87	cps
Thallium	205-1	1542	1400	1467	1470	4.82	cps
Thorium	232-1	1511	1661	1456	1543	6.89	cps
Tin	118-1	1025	1000	825	950	11.47	cps
Titanium	47-1	117	75	75	89	27.07	cps
Uranium	238-1	1434	1575	1442	1483	5.36	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	16757496	16716869	16485256	16653207	0.88	cps
Yttrium	89-2	2318799	2311884	2316751	2315812	0.15	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	PB122580BL	Instrumnet Name :	P7
Client Sample ID :	PB122580BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:29:47	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3290	3324	3150	3255	2.83	cps
Zirconium	90-1	783	842	883	836	6.01	cps
Zirconium	91-1	175	125	142	147	17.29	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : PB122580BS Instrumnet Name : P7
 Client Sample ID : PB122580BS Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:33:23 DataFile Name : 018DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533260	534476	535246	534327	0.19	cps
Antimony	121-1	3199850	3234396	3277911	3237386	1.21	cps
Arsenic	75-1	665441	670591	675940	670657	0.78	cps
Barium	135-1	4173402	4266451	4275284	4238379	1.33	cps
Barium	137-1	7321470	7502856	7513468	7445932	1.45	cps
Beryllium	9-1	650228	653896	661620	655248	0.89	cps
Bismuth	209-1	6511497	6652689	6681503	6615229	1.38	cps
Bismuth	209-2	3954356	3952881	3961028	3956088	0.11	cps
Boron	10-1	90931	94133	95241	93435	2.40	cps
Boron	11-1	412982	427762	431658	424134	2.32	cps
Cadmium	111-1	914078	924533	928044	922218	0.79	cps
Cadmium	106-1	105432	104383	106264	105360	0.89	cps
Cadmium	108-1	68753	69830	68385	68989	1.09	cps
Calcium	43-1	924029	934884	944625	934513	1.10	cps
Calcium	44-1	15319013	15493763	15592419	15468398	0.90	cps
Chromium	52-2	787199	779794	787417	784803	0.55	cps
Cobalt	59-2	1313695	1308257	1310817	1310923	0.21	cps
Copper	63-2	1854435	1848813	1860495	1854581	0.32	cps
Dysprosium	156-1	158	125	133	139	12.49	cps
Dysprosium	156-2	160	150	127	146	11.75	cps
Erbium	164-1	83	50	75	69	24.98	cps
Erbium	164-2	47	67	40	51	27.15	cps
Gadolinium	160-1	75	25	150	83	75.50	cps
Gadolinium	160-2	177	213	213	201	10.53	cps
Holmium	165-1	9939747	10228691	10181296	10116578	1.53	cps
Holmium	165-2	5289117	5261266	5271685	5274022	0.27	cps
Indium	115-1	7304893	7485510	7495730	7428711	1.45	cps
Indium	115-2	1488998	1486773	1490549	1488774	0.13	cps
Iron	56-2	35770317	35506492	35580405	35619072	0.38	cps
Iron	57-2	882116	876418	888373	882302	0.68	cps
Krypton	83-1	157	193	233	194	19.72	cps
Lead	206-1	2944539	3012727	3028554	2995273	1.49	cps
Lead	207-1	2615855	2659269	2671965	2649030	1.11	cps
Lead	208-1	11888373	12143419	12214807	12082199	1.42	cps
Lithium	6-1	2094713	2128995	2137820	2120509	1.07	cps
Magnesium	24-2	6195217	6179621	6162778	6179205	0.26	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	PB122580BS	Instrumnet Name :	P7
Client Sample ID :	PB122580BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:33:23	DataFile Name :	018DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1025171	1020138	1026770	1024026	0.34	cps
Molybdenum	94-1	6620194	6705929	6750556	6692226	0.99	cps
Molybdenum	95-1	8236135	8364064	8391431	8330544	1.00	cps
Molybdenum	96-1	9062092	9211849	9246713	9173551	1.07	cps
Molybdenum	97-1	5040449	5105416	5140065	5095310	0.99	cps
Molybdenum	98-1	13217777	13399767	13501261	13372935	1.07	cps
Neodymium	150-1	493	447	427	456	7.51	cps
Neodymium	150-2	83	53	87	74	24.66	cps
Nickel	60-2	340693	338563	340481	339912	0.35	cps
Phosphorus	31-2	29272	28645	27885	28601	2.43	cps
Potassium	39-2	2960884	2935411	2952359	2949551	0.44	cps
Rhodium	103-1	6289596	6333433	6416786	6346605	1.02	cps
Rhodium	103-2	2959339	2947374	2962039	2956251	0.26	cps
Scandium	45-1	3969286	4021971	4035397	4008885	0.87	cps
Scandium	45-2	164548	164821	163443	164271	0.44	cps
Selenium	77-2	3024	2884	2887	2931	2.73	cps
Selenium	78-2	9978	9998	9944	9973	0.27	cps
Selenium	82-1	66855	67797	67514	67389	0.72	cps
Silicon	28-1	2384448	2476364	2501265	2454026	2.51	cps
Silver	109-1	3890732	3937658	3961429	3929940	0.92	cps
Silver	107-1	4057770	4112556	4136629	4102318	0.99	cps
Sodium	23-2	11536953	11497926	11546853	11527244	0.22	cps
Strontium	86-1	1032406	1040746	1046292	1039815	0.67	cps
Strontium	88-1	9200808	9328527	9327718	9285684	0.79	cps
Sulfur	34-1	511426	510331	508405	510054	0.30	cps
Terbium	159-1	10299276	10531423	10629437	10486712	1.62	cps
Terbium	159-2	5160586	5197066	5186454	5181369	0.36	cps
Thallium	203-1	3610810	3688594	3711731	3670378	1.44	cps
Thallium	205-1	8798184	9071997	9051675	8973952	1.70	cps
Thorium	232-1	13095210	13394764	13589059	13359678	1.86	cps
Tin	118-1	2761910	2799799	2827299	2796336	1.17	cps
Titanium	47-1	1936842	1966994	1978164	1960666	1.09	cps
Uranium	238-1	12994091	13194785	13490548	13226475	1.89	cps
Vanadium	51-2	634684	629541	630626	631617	0.43	cps
Yttrium	89-1	15035874	15181390	15306757	15174674	0.89	cps
Yttrium	89-2	2102507	2102082	2111686	2105425	0.26	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	PB122580BS	Instrumnet Name :	P7
Client Sample ID :	PB122580BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:33:23	DataFile Name :	018DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	324353	324878	324248	324493	0.10	cps
Zirconium	90-1	5234105	5300379	5293039	5275841	0.69	cps
Zirconium	91-1	1160060	1172582	1178136	1170259	0.79	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4531-01	Instrumnet Name :	P7
Client Sample ID :	390819185.9	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:36:59	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525	558	525	536	3.59	cps
Antimony	121-1	4576	3959	4668	4401	8.76	cps
Arsenic	75-1	783	702	1020	835	19.79	cps
Barium	135-1	62902	61328	60658	61630	1.87	cps
Barium	137-1	107657	108991	108329	108326	0.62	cps
Beryllium	9-1	120	143	107	123	15.05	cps
Bismuth	209-1	7198588	7202851	7131829	7177756	0.55	cps
Bismuth	209-2	4132845	4131919	4095262	4120009	0.52	cps
Boron	10-1	9904	10170	9520	9865	3.31	cps
Boron	11-1	46222	46640	44784	45882	2.12	cps
Cadmium	111-1	3921	3651	3690	3754	3.89	cps
Cadmium	106-1	5343	5068	5068	5160	3.08	cps
Cadmium	108-1	33	25	29	29	14.28	cps
Calcium	43-1	1626886	1637461	1628997	1631114	0.34	cps
Calcium	44-1	27191985	27238480	27077944	27169470	0.30	cps
Chromium	52-2	3607	3651	3487	3582	2.36	cps
Cobalt	59-2	750	767	727	748	2.69	cps
Copper	63-2	2619867	2644841	2623779	2629496	0.51	cps
Dysprosium	156-1	250	233	200	228	11.18	cps
Dysprosium	156-2	130	153	153	146	9.26	cps
Erbium	164-1	433	458	583	492	16.35	cps
Erbium	164-2	253	240	193	229	13.76	cps
Gadolinium	160-1	308	308	308	308	0.00	cps
Gadolinium	160-2	323	323	383	343	10.09	cps
Holmium	165-1	10935615	10996310	10840240	10924055	0.72	cps
Holmium	165-2	5586456	5560062	5538984	5561834	0.43	cps
Indium	115-1	8202209	8137333	8041133	8126892	1.00	cps
Indium	115-2	1615855	1613351	1594944	1608050	0.71	cps
Iron	56-2	3442523	3449315	3458739	3450193	0.24	cps
Iron	57-2	94145	95044	95537	94909	0.74	cps
Krypton	83-1	133	180	160	158	14.84	cps
Lead	206-1	4489957	4458320	4415134	4454470	0.84	cps
Lead	207-1	3737656	3700744	3684388	3707596	0.74	cps
Lead	208-1	17695438	17564564	17430468	17563490	0.75	cps
Lithium	6-1	2330945	2333626	2315896	2326822	0.41	cps
Magnesium	24-2	5997842	6036316	5990906	6008354	0.41	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4531-01	Instrumnet Name :	P7
Client Sample ID :	390819185.9	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:36:59	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18081	17918	18278	18092	1.00	cps
Molybdenum	94-1	1583	1333	1067	1328	19.46	cps
Molybdenum	95-1	1542	1292	1442	1425	8.83	cps
Molybdenum	96-1	1875	1717	1450	1681	12.78	cps
Molybdenum	97-1	1033	942	817	931	11.69	cps
Molybdenum	98-1	2742	2175	2009	2309	16.66	cps
Neodymium	150-1	227	247	200	224	10.43	cps
Neodymium	150-2	80	67	87	78	13.09	cps
Nickel	60-2	1023	937	947	969	4.89	cps
Phosphorus	31-2	75	92	117	94	22.21	cps
Potassium	39-2	380641	377308	380904	379617	0.53	cps
Rhodium	103-1	6909119	6919563	6841180	6889954	0.62	cps
Rhodium	103-2	3182782	3171942	3143801	3166175	0.64	cps
Scandium	45-1	4417857	4421903	4387198	4408986	0.43	cps
Scandium	45-2	177850	178719	178429	178333	0.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	52	52	43	49	10.96	cps
Selenium	82-1	200	143	150	164	18.82	cps
Silicon	28-1	33631247	33778756	33377810	33595938	0.60	cps
Silver	109-1	1775	1392	1525	1564	12.44	cps
Silver	107-1	1775	2125	1659	1853	13.11	cps
Sodium	23-2	27529865	27523678	27351065	27468203	0.37	cps
Strontium	86-1	457546	459944	451093	456194	1.00	cps
Strontium	88-1	4021276	4034091	3980735	4012034	0.69	cps
Sulfur	34-1	395292	393031	390386	392903	0.62	cps
Terbium	159-1	11357612	11367855	11234214	11319894	0.66	cps
Terbium	159-2	5461941	5479851	5449611	5463801	0.28	cps
Thallium	203-1	1325	1358	1075	1253	12.36	cps
Thallium	205-1	3467	3267	2934	3223	8.36	cps
Thorium	232-1	3973	3962	3367	3767	9.20	cps
Tin	118-1	16702	15543	19843	17363	12.82	cps
Titanium	47-1	883	842	825	850	3.53	cps
Uranium	238-1	12707	12156	11656	12173	4.32	cps
Vanadium	51-2	180	117	173	157	22.21	cps
Yttrium	89-1	16551452	16638570	16504262	16564761	0.41	cps
Yttrium	89-2	2278418	2280414	2250550	2269794	0.74	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4531-01	Instrumnet Name :	P7
Client Sample ID :	390819185.9	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:36:59	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	31748	31872	31988	31869	0.38	cps
Zirconium	90-1	1308	1292	1383	1328	3.68	cps
Zirconium	91-1	342	375	267	328	16.93	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : K4532-01 Instrumnet Name : P7
 Client Sample ID : 390816110.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 14:40:36 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9554	10550	10456	10187	5.40	cps
Antimony	121-1	1692	1492	1542	1575	6.61	cps
Arsenic	75-1	242	215	180	212	14.69	cps
Barium	135-1	43260	43594	42106	42987	1.82	cps
Barium	137-1	75179	74937	73445	74520	1.26	cps
Beryllium	9-1	123	103	137	121	13.85	cps
Bismuth	209-1	7423286	7292872	7202690	7306282	1.52	cps
Bismuth	209-2	4173829	4193018	4153900	4173583	0.47	cps
Boron	10-1	27534	28545	29647	28575	3.70	cps
Boron	11-1	127585	131761	131360	130236	1.77	cps
Cadmium	111-1	3402	3550	3381	3444	2.67	cps
Cadmium	106-1	4784	5001	4776	4854	2.63	cps
Cadmium	108-1	25	25	29	26	9.12	cps
Calcium	43-1	143903	143911	145197	144337	0.52	cps
Calcium	44-1	2357387	2334817	2309829	2334011	1.02	cps
Chromium	52-2	1267	1207	1233	1236	2.43	cps
Cobalt	59-2	340	280	257	292	14.71	cps
Copper	63-2	19717	19847	19780	19781	0.33	cps
Dysprosium	156-1	258	242	242	247	3.89	cps
Dysprosium	156-2	97	133	107	112	16.89	cps
Erbium	164-1	158	200	200	186	12.93	cps
Erbium	164-2	120	100	83	101	18.16	cps
Gadolinium	160-1	250	258	183	231	17.83	cps
Gadolinium	160-2	277	293	233	268	11.57	cps
Holmium	165-1	10888618	10803993	10606933	10766515	1.34	cps
Holmium	165-2	5454665	5463471	5412938	5443691	0.50	cps
Indium	115-1	8140261	8090087	8008148	8079499	0.83	cps
Indium	115-2	1607887	1598421	1574905	1593738	1.07	cps
Iron	56-2	1570817	1575712	1563098	1569875	0.41	cps
Iron	57-2	40540	39548	40807	40298	1.65	cps
Krypton	83-1	183	170	170	174	4.42	cps
Lead	206-1	9031	9209	9148	9129	0.99	cps
Lead	207-1	7986	7903	7808	7899	1.13	cps
Lead	208-1	35920	35809	35853	35861	0.16	cps
Lithium	6-1	2310838	2274904	2267706	2284482	1.01	cps
Magnesium	24-2	432051	438356	438312	436239	0.83	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4532-01	Instrumnet Name :	P7
Client Sample ID :	390816110.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:40:36	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12222	12676	12262	12386	2.03	cps
Molybdenum	94-1	2267	2217	4630	3038	45.40	cps
Molybdenum	95-1	2909	2517	2467	2631	9.20	cps
Molybdenum	96-1	3251	3042	3175	3156	3.34	cps
Molybdenum	97-1	1625	1642	1650	1639	0.78	cps
Molybdenum	98-1	4334	4251	4634	4406	4.58	cps
Neodymium	150-1	327	267	300	298	10.09	cps
Neodymium	150-2	107	97	120	108	10.86	cps
Nickel	60-2	860	730	733	774	9.57	cps
Phosphorus	31-2	92	117	83	97	17.84	cps
Potassium	39-2	115094	115727	114046	114955	0.74	cps
Rhodium	103-1	6992439	6908927	6819157	6906841	1.25	cps
Rhodium	103-2	3203348	3175481	3166832	3181887	0.60	cps
Scandium	45-1	4323067	4265000	4215301	4267789	1.26	cps
Scandium	45-2	173574	172709	172427	172903	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	33	46	41	16.40	cps
Selenium	82-1	35	34	19	29	30.80	cps
Silicon	28-1	16935848	17040855	16884052	16953585	0.47	cps
Silver	109-1	192	67	133	131	47.91	cps
Silver	107-1	200	217	267	228	15.23	cps
Sodium	23-2	12643410	12738967	12634926	12672434	0.46	cps
Strontium	86-1	1021508	1007771	1012263	1013848	0.69	cps
Strontium	88-1	9146068	9141606	9026290	9104655	0.75	cps
Sulfur	34-1	452681	454825	449985	452497	0.54	cps
Terbium	159-1	11262394	11186289	10977129	11141937	1.33	cps
Terbium	159-2	5370237	5392897	5332226	5365120	0.57	cps
Thallium	203-1	700	642	700	681	4.95	cps
Thallium	205-1	1458	1125	1400	1328	13.41	cps
Thorium	232-1	2778	2850	2867	2832	1.67	cps
Tin	118-1	2650	2459	2917	2675	8.61	cps
Titanium	47-1	3836	3817	5159	4271	18.02	cps
Uranium	238-1	2642	2792	2984	2806	6.10	cps
Vanadium	51-2	280	367	410	352	18.79	cps
Yttrium	89-1	16387634	16202031	16040206	16209957	1.07	cps
Yttrium	89-2	2239939	2210769	2204492	2218400	0.85	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4532-01	Instrumnet Name :	P7
Client Sample ID :	390816110.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:40:36	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	26187	26394	26140	26240	0.51	cps
Zirconium	90-1	2275	4036	2200	2837	36.62	cps
Zirconium	91-1	867	567	558	664	26.50	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4534-01	Instrumnet Name :	P7
Client Sample ID :	390820014.0-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:44:13	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6610	6710	6535	6618	1.33	cps
Antimony	121-1	958	883	1050	964	8.66	cps
Arsenic	75-1	292	313	308	304	3.69	cps
Barium	135-1	18396	17670	17996	18021	2.02	cps
Barium	137-1	31236	29733	29616	30195	2.99	cps
Beryllium	9-1	53	97	97	82	30.43	cps
Bismuth	209-1	7491650	7317982	7318829	7376154	1.36	cps
Bismuth	209-2	4195653	4180644	4169116	4181804	0.32	cps
Boron	10-1	4826	4634	4192	4551	7.14	cps
Boron	11-1	21299	19305	20314	20306	4.91	cps
Cadmium	111-1	3740	3599	3231	3523	7.45	cps
Cadmium	106-1	5235	5043	4559	4946	7.04	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	246734	245283	241227	244415	1.17	cps
Calcium	44-1	4026365	3943554	3956782	3975567	1.12	cps
Chromium	52-2	370	343	307	340	9.35	cps
Cobalt	59-2	353	353	257	321	17.38	cps
Copper	63-2	13580	13216	13530	13442	1.47	cps
Dysprosium	156-1	67	150	108	108	38.46	cps
Dysprosium	156-2	77	63	77	72	10.66	cps
Erbium	164-1	92	108	142	114	22.35	cps
Erbium	164-2	70	87	90	82	13.03	cps
Gadolinium	160-1	200	142	125	156	25.32	cps
Gadolinium	160-2	243	177	237	219	16.77	cps
Holmium	165-1	10870372	10703627	10763978	10779326	0.78	cps
Holmium	165-2	5445350	5415303	5399712	5420122	0.43	cps
Indium	115-1	8209096	8125647	8085207	8139983	0.78	cps
Indium	115-2	1595405	1592342	1588805	1592184	0.21	cps
Iron	56-2	103109	105324	104363	104266	1.07	cps
Iron	57-2	4195	3834	4084	4038	4.58	cps
Krypton	83-1	180	133	197	170	19.31	cps
Lead	206-1	3098416	3067758	3025942	3064039	1.19	cps
Lead	207-1	2683582	2623925	2623986	2643831	1.30	cps
Lead	208-1	12383700	12164341	12038764	12195601	1.43	cps
Lithium	6-1	2294851	2267652	2270023	2277509	0.66	cps
Magnesium	24-2	450280	455734	459048	455020	0.97	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4534-01	Instrumnet Name :	P7
Client Sample ID :	390820014.0-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:44:13	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	369745	370225	368658	369543	0.22	cps
Molybdenum	94-1	1850	1775	1692	1772	4.47	cps
Molybdenum	95-1	492	658	525	558	15.80	cps
Molybdenum	96-1	717	800	783	767	5.75	cps
Molybdenum	97-1	317	250	342	303	15.65	cps
Molybdenum	98-1	800	867	883	850	5.19	cps
Neodymium	150-1	113	93	133	113	17.65	cps
Neodymium	150-2	40	47	33	40	16.68	cps
Nickel	60-2	640	587	567	598	6.34	cps
Phosphorus	31-2	1817	2009	1617	1814	10.80	cps
Potassium	39-2	96287	95348	96429	96021	0.61	cps
Rhodium	103-1	7023072	6963131	6968924	6985042	0.47	cps
Rhodium	103-2	3189056	3188605	3177683	3185115	0.20	cps
Scandium	45-1	4344710	4268536	4250316	4287854	1.17	cps
Scandium	45-2	172538	172221	172704	172488	0.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	31	48	39	21.82	cps
Selenium	82-1	36	94	22	51	75.38	cps
Silicon	28-1	12645339	12435225	12476101	12518888	0.89	cps
Silver	109-1	167	83	108	119	35.80	cps
Silver	107-1	283	250	158	231	28.08	cps
Sodium	23-2	6107329	6113276	6119006	6113204	0.10	cps
Strontium	86-1	75758	75222	74117	75032	1.12	cps
Strontium	88-1	661195	650601	655275	655690	0.81	cps
Sulfur	34-1	281366	274901	280502	278923	1.26	cps
Terbium	159-1	11252396	11131893	10941607	11108632	1.41	cps
Terbium	159-2	5345053	5332472	5335567	5337697	0.12	cps
Thallium	203-1	592	542	467	533	11.80	cps
Thallium	205-1	1250	1042	1092	1128	9.64	cps
Thorium	232-1	1806	1717	1667	1730	4.07	cps
Tin	118-1	908	933	908	917	1.57	cps
Titanium	47-1	1884	1884	2000	1922	3.50	cps
Uranium	238-1	1609	1667	1600	1625	2.24	cps
Vanadium	51-2	317	293	300	303	3.96	cps
Yttrium	89-1	16463289	16182587	16273178	16306351	0.88	cps
Yttrium	89-2	2217650	2214887	2197741	2210093	0.49	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4534-01	Instrumnet Name :	P7
Client Sample ID :	390820014.0-KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:44:13	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	58473	57269	56777	57506	1.52	cps
Zirconium	90-1	4659	4934	4609	4734	3.70	cps
Zirconium	91-1	1033	825	983	947	11.48	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4535-01	Instrumnet Name :	P7
Client Sample ID :	390814141.4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:47:50	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	300	383	411	30.96	cps
Antimony	121-1	575	617	642	611	5.51	cps
Arsenic	75-1	2117	1858	1526	1834	16.15	cps
Barium	135-1	61511	61302	61872	61562	0.47	cps
Barium	137-1	107522	104978	106027	106176	1.20	cps
Beryllium	9-1	83	100	87	90	9.80	cps
Bismuth	209-1	7095212	7117347	7194771	7135777	0.73	cps
Bismuth	209-2	4061438	4045904	4058090	4055144	0.20	cps
Boron	10-1	464073	482623	488487	478394	2.66	cps
Boron	11-1	2177903	2254664	2280006	2237524	2.38	cps
Cadmium	111-1	3474	3500	3442	3472	0.84	cps
Cadmium	106-1	4893	4901	4884	4893	0.17	cps
Cadmium	108-1	25	50	21	32	49.39	cps
Calcium	43-1	7159081	7187629	7239810	7195507	0.57	cps
Calcium	44-1	115355048	116148957	116844019	116116008	0.64	cps
Chromium	52-2	647	613	703	654	6.95	cps
Cobalt	59-2	707	773	700	727	5.58	cps
Copper	63-2	877	893	943	904	3.84	cps
Dysprosium	156-1	17	33	67	39	65.46	cps
Dysprosium	156-2	37	40	33	37	9.10	cps
Erbium	164-1	100	42	92	78	40.56	cps
Erbium	164-2	63	90	50	68	30.05	cps
Gadolinium	160-1	83	92	175	117	43.45	cps
Gadolinium	160-2	180	210	160	183	13.73	cps
Holmium	165-1	10973165	11032455	11098295	11034638	0.57	cps
Holmium	165-2	5590826	5576483	5569969	5579093	0.19	cps
Indium	115-1	8109573	8140706	8225414	8158564	0.73	cps
Indium	115-2	1596132	1588942	1591198	1592091	0.23	cps
Iron	56-2	272427	269304	272327	271353	0.65	cps
Iron	57-2	44852	45677	46062	45530	1.36	cps
Krypton	83-1	217	213	217	216	0.89	cps
Lead	206-1	1456	1083	1156	1232	16.03	cps
Lead	207-1	1245	1167	1106	1172	5.94	cps
Lead	208-1	5512	4628	4528	4889	11.07	cps
Lithium	6-1	2331012	2331834	2358196	2340347	0.66	cps
Magnesium	24-2	3237739	3229780	3237023	3234847	0.14	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4535-01	Instrumnet Name :	P7
Client Sample ID :	390814141.4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:47:50	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	273815	271476	270391	271894	0.64	cps
Molybdenum	94-1	39639	39004	39397	39347	0.81	cps
Molybdenum	95-1	67436	68774	67627	67946	1.07	cps
Molybdenum	96-1	73657	71714	74134	73168	1.75	cps
Molybdenum	97-1	42489	41453	41921	41954	1.24	cps
Molybdenum	98-1	111752	110745	111475	111324	0.47	cps
Neodymium	150-1	40	33	20	31	32.73	cps
Neodymium	150-2	30	23	13	22	37.76	cps
Nickel	60-2	413	523	477	471	11.72	cps
Phosphorus	31-2	108	108	75	97	19.80	cps
Potassium	39-2	209619	207228	207617	208155	0.62	cps
Rhodium	103-1	6775303	6792064	6895394	6820920	0.95	cps
Rhodium	103-2	3124590	3121433	3132442	3126155	0.18	cps
Scandium	45-1	4382474	4388179	4420142	4396932	0.46	cps
Scandium	45-2	179289	178710	177552	178517	0.50	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	39	44	38	16.99	cps
Selenium	82-1	106	166	162	145	23.38	cps
Silicon	28-1	29118323	29289109	29670909	29359447	0.96	cps
Silver	109-1	100	92	42	78	40.56	cps
Silver	107-1	292	258	192	247	20.59	cps
Sodium	23-2	27103424	26879478	26952075	26978325	0.42	cps
Strontium	86-1	24451125	24516118	24585091	24517445	0.27	cps
Strontium	88-1	211694359	213880538	215702663	213759187	0.94	cps
Sulfur	34-1	10999800	11108610	11196924	11101778	0.89	cps
Terbium	159-1	11373624	11400147	11547230	11440334	0.82	cps
Terbium	159-2	5496081	5489745	5455815	5480547	0.40	cps
Thallium	203-1	767	608	517	631	20.06	cps
Thallium	205-1	1417	1025	1392	1278	17.16	cps
Thorium	232-1	1972	2056	1845	1958	5.43	cps
Tin	118-1	992	992	933	972	3.46	cps
Titanium	47-1	733	625	542	633	15.18	cps
Uranium	238-1	85992	85639	86964	86198	0.80	cps
Vanadium	51-2	1200	1163	1067	1143	6.02	cps
Yttrium	89-1	16498824	16670977	16843310	16671037	1.03	cps
Yttrium	89-2	2270282	2270067	2259084	2266477	0.28	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4535-01	Instrumnet Name :	P7
Client Sample ID :	390814141.4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:47:50	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1417	1360	1413	1397	2.28	cps
Zirconium	90-1	1308	1150	1142	1200	7.83	cps
Zirconium	91-1	275	125	208	203	37.06	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01	Instrumnet Name :	P7
Client Sample ID :	390814061.0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:51:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18971	17903	18729	18534	3.02	cps
Antimony	121-1	6227	6585	6010	6274	4.63	cps
Arsenic	75-1	1067	1312	1182	1187	10.33	cps
Barium	135-1	12173	11480	11922	11858	2.96	cps
Barium	137-1	21092	20916	20866	20958	0.56	cps
Beryllium	9-1	107	77	80	88	18.73	cps
Bismuth	209-1	7504953	7550027	7509671	7521550	0.33	cps
Bismuth	209-2	4285057	4279383	4264427	4276289	0.25	cps
Boron	10-1	21925	20164	19621	20570	5.85	cps
Boron	11-1	103075	98453	92190	97906	5.58	cps
Cadmium	111-1	3839	3669	3489	3666	4.78	cps
Cadmium	106-1	5393	5093	4976	5154	4.17	cps
Cadmium	108-1	88	83	129	100	25.34	cps
Calcium	43-1	271524	266237	263717	267159	1.49	cps
Calcium	44-1	4425766	4358902	4353455	4379374	0.92	cps
Chromium	52-2	393	450	487	443	10.61	cps
Cobalt	59-2	250	260	250	253	2.28	cps
Copper	63-2	1131198	1121593	1122674	1125155	0.47	cps
Dysprosium	156-1	50	17	67	44	57.28	cps
Dysprosium	156-2	33	20	23	26	27.15	cps
Erbium	164-1	92	100	75	89	14.32	cps
Erbium	164-2	40	33	63	46	34.58	cps
Gadolinium	160-1	50	117	108	92	39.63	cps
Gadolinium	160-2	180	203	197	193	6.22	cps
Holmium	165-1	11094170	11267634	11036586	11132797	1.08	cps
Holmium	165-2	5604463	5559125	5543354	5568980	0.57	cps
Indium	115-1	8549848	8554476	8412021	8505448	0.95	cps
Indium	115-2	1656024	1645510	1636089	1645874	0.61	cps
Iron	56-2	220812	218106	214707	217875	1.40	cps
Iron	57-2	7174	7230	6818	7074	3.15	cps
Krypton	83-1	153	193	193	180	12.83	cps
Lead	206-1	790857	783123	780740	784907	0.67	cps
Lead	207-1	658974	655332	652217	655508	0.52	cps
Lead	208-1	3080545	3059894	3044414	3061618	0.59	cps
Lithium	6-1	2452157	2433602	2407079	2430946	0.93	cps
Magnesium	24-2	458313	450184	450581	453026	1.01	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01	Instrumnet Name :	P7
Client Sample ID :	390814061.0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:51:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20721	21005	20969	20898	0.74	cps
Molybdenum	94-1	1042	925	975	981	5.97	cps
Molybdenum	95-1	600	608	700	636	8.72	cps
Molybdenum	96-1	925	842	733	833	11.53	cps
Molybdenum	97-1	408	392	358	386	6.59	cps
Molybdenum	98-1	1033	1033	892	986	8.30	cps
Neodymium	150-1	20	20	53	31	61.87	cps
Neodymium	150-2	20	13	20	18	21.66	cps
Nickel	60-2	23155	23372	22945	23157	0.92	cps
Phosphorus	31-2	1800	2042	1725	1856	8.92	cps
Potassium	39-2	100061	98492	98585	99046	0.89	cps
Rhodium	103-1	7359168	7385667	7234074	7326303	1.11	cps
Rhodium	103-2	3320554	3290718	3292140	3301137	0.51	cps
Scandium	45-1	4597477	4594224	4541051	4577584	0.69	cps
Scandium	45-2	183396	180241	178666	180768	1.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	54	35	41	25.84	cps
Selenium	82-1	80	31	39	50	52.39	cps
Silicon	28-1	12560271	12455937	12258643	12424950	1.23	cps
Silver	109-1	408	383	325	372	11.49	cps
Silver	107-1	458	433	392	428	7.87	cps
Sodium	23-2	6213880	6151886	6119769	6161845	0.78	cps
Strontium	86-1	81531	81112	78909	80517	1.75	cps
Strontium	88-1	700256	701067	688613	696645	1.00	cps
Sulfur	34-1	320622	315136	305514	313758	2.44	cps
Terbium	159-1	11598181	11628806	11533801	11586929	0.42	cps
Terbium	159-2	5533526	5510712	5516744	5520327	0.21	cps
Thallium	203-1	525	500	508	511	2.49	cps
Thallium	205-1	883	842	733	820	9.45	cps
Thorium	232-1	1439	1322	1456	1406	5.17	cps
Tin	118-1	16652	16352	16243	16416	1.29	cps
Titanium	47-1	850	858	925	878	4.68	cps
Uranium	238-1	1884	1942	1959	1928	2.04	cps
Vanadium	51-2	253	220	217	230	8.82	cps
Yttrium	89-1	17231737	17325815	17090578	17216043	0.69	cps
Yttrium	89-2	2327942	2301443	2289879	2306421	0.85	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01	Instrumnet Name :	P7
Client Sample ID :	390814061.0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:51:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	606517	608124	608860	607834	0.20	cps
Zirconium	90-1	2259	2250	1875	2128	10.29	cps
Zirconium	91-1	508	400	558	489	16.56	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01DUP	Instrumnet Name :	P7
Client Sample ID :	390814061.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:55:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17135	17911	17586	17544	2.22	cps
Antimony	121-1	5785	5635	5860	5760	1.99	cps
Arsenic	75-1	708	853	718	760	10.64	cps
Barium	135-1	11147	12289	11355	11597	5.25	cps
Barium	137-1	19932	19915	19757	19868	0.49	cps
Beryllium	9-1	73	87	80	80	8.34	cps
Bismuth	209-1	7319007	7406993	7345925	7357308	0.61	cps
Bismuth	209-2	4271875	4257924	4239868	4256556	0.38	cps
Boron	10-1	12189	11863	10721	11591	6.65	cps
Boron	11-1	55695	54415	52793	54301	2.68	cps
Cadmium	111-1	3684	3691	3579	3651	1.72	cps
Cadmium	106-1	5218	5218	4976	5137	2.72	cps
Cadmium	108-1	104	88	54	82	31.07	cps
Calcium	43-1	252773	248083	251389	250748	0.96	cps
Calcium	44-1	4181233	4159620	4119798	4153551	0.75	cps
Chromium	52-2	383	370	443	399	9.79	cps
Cobalt	59-2	227	220	233	227	2.94	cps
Copper	63-2	1099575	1102096	1100100	1100590	0.12	cps
Dysprosium	156-1	50	50	58	53	9.12	cps
Dysprosium	156-2	20	37	27	28	30.20	cps
Erbium	164-1	83	67	92	81	15.80	cps
Erbium	164-2	60	40	37	46	27.70	cps
Gadolinium	160-1	108	117	117	114	4.22	cps
Gadolinium	160-2	170	217	207	198	12.42	cps
Holmium	165-1	10792702	10792184	10790693	10791860	0.01	cps
Holmium	165-2	5530323	5518379	5492785	5513829	0.35	cps
Indium	115-1	8235392	8179662	8185461	8200172	0.37	cps
Indium	115-2	1631578	1626316	1627405	1628433	0.17	cps
Iron	56-2	214922	215079	212982	214328	0.54	cps
Iron	57-2	6502	6802	6641	6648	2.26	cps
Krypton	83-1	173	167	157	166	5.07	cps
Lead	206-1	761319	761218	758850	760462	0.18	cps
Lead	207-1	644081	643199	635698	640993	0.72	cps
Lead	208-1	2977892	2976244	2955193	2969776	0.43	cps
Lithium	6-1	2314119	2308950	2305757	2309609	0.18	cps
Magnesium	24-2	441945	439042	439665	440217	0.35	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01DUP	Instrumnet Name :	P7
Client Sample ID :	390814061.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:55:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20321	20474	20267	20354	0.53	cps
Molybdenum	94-1	967	1042	942	983	5.29	cps
Molybdenum	95-1	558	625	658	614	8.29	cps
Molybdenum	96-1	758	583	808	717	16.49	cps
Molybdenum	97-1	442	300	358	367	19.42	cps
Molybdenum	98-1	858	992	858	903	8.53	cps
Neodymium	150-1	40	27	33	33	19.99	cps
Neodymium	150-2	30	23	23	26	15.07	cps
Nickel	60-2	22634	23078	22795	22836	0.98	cps
Phosphorus	31-2	1759	1759	1809	1775	1.63	cps
Potassium	39-2	99021	98057	96697	97925	1.19	cps
Rhodium	103-1	7034801	7055390	6994294	7028162	0.44	cps
Rhodium	103-2	3259957	3254486	3249648	3254697	0.16	cps
Scandium	45-1	4376540	4358380	4340366	4358429	0.41	cps
Scandium	45-2	176626	177900	176375	176967	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	56	30	41	32.78	cps
Selenium	82-1	75	58	79	71	15.79	cps
Silicon	28-1	11826440	11713673	11682065	11740726	0.65	cps
Silver	109-1	208	300	408	306	32.77	cps
Silver	107-1	450	442	433	442	1.89	cps
Sodium	23-2	6029366	5991052	5978159	5999526	0.44	cps
Strontium	86-1	75440	75591	74326	75119	0.92	cps
Strontium	88-1	658926	658961	652747	656878	0.54	cps
Sulfur	34-1	301488	300099	296701	299429	0.82	cps
Terbium	159-1	11200414	11231632	11184707	11205584	0.21	cps
Terbium	159-2	5489092	5453478	5454287	5465619	0.37	cps
Thallium	203-1	492	400	483	458	11.06	cps
Thallium	205-1	700	783	692	725	6.99	cps
Thorium	232-1	1345	1378	1439	1387	3.45	cps
Tin	118-1	15559	15200	15209	15323	1.34	cps
Titanium	47-1	892	775	783	817	7.97	cps
Uranium	238-1	1975	2034	2167	2059	4.77	cps
Vanadium	51-2	263	237	227	242	7.83	cps
Yttrium	89-1	16497441	16438879	16448701	16461673	0.19	cps
Yttrium	89-2	2272057	2267632	2266737	2268809	0.13	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01DUP	Instrumnet Name :	P7
Client Sample ID :	390814061.0DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 14:55:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	594907	599607	596986	597167	0.39	cps
Zirconium	90-1	1892	1867	1850	1870	1.12	cps
Zirconium	91-1	392	458	450	433	8.38	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01LX5	Instrumnet Name :	P7
Client Sample ID :	390814061.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-28 14:58:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3225	3534	3726	3495	7.22	cps
Antimony	121-1	1167	1417	1383	1322	10.27	cps
Arsenic	75-1	112	85	95	97	13.64	cps
Barium	135-1	2309	2400	2159	2289	5.33	cps
Barium	137-1	3917	4092	4159	4056	3.08	cps
Beryllium	9-1	67	57	80	68	17.27	cps
Bismuth	209-1	7239536	7252171	7122410	7204705	0.99	cps
Bismuth	209-2	4106941	4127286	4083904	4106044	0.53	cps
Boron	10-1	6560	6201	6427	6396	2.83	cps
Boron	11-1	30665	30891	29154	30237	3.12	cps
Cadmium	111-1	3511	3219	3520	3416	5.02	cps
Cadmium	106-1	4993	4559	4943	4832	4.91	cps
Cadmium	108-1	25	21	33	26	24.12	cps
Calcium	43-1	47260	47410	47603	47424	0.36	cps
Calcium	44-1	799043	788433	788780	792085	0.76	cps
Chromium	52-2	257	303	233	264	13.48	cps
Cobalt	59-2	70	53	63	62	13.48	cps
Copper	63-2	208330	206920	210439	208563	0.85	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	40	30	27	32	21.53	cps
Gadolinium	160-1	25	75	50	50	50.00	cps
Gadolinium	160-2	170	160	140	157	9.75	cps
Holmium	165-1	10443360	10548315	10407335	10466337	0.70	cps
Holmium	165-2	5265910	5272695	5227894	5255500	0.46	cps
Indium	115-1	7983611	7993892	7897383	7958295	0.67	cps
Indium	115-2	1551472	1558210	1563699	1557794	0.39	cps
Iron	56-2	41933	42886	42166	42328	1.17	cps
Iron	57-2	1461	1178	1317	1319	10.75	cps
Krypton	83-1	170	177	153	167	7.21	cps
Lead	206-1	147334	148670	147279	147761	0.53	cps
Lead	207-1	125783	125352	122548	124561	1.41	cps
Lead	208-1	580574	579578	572190	577447	0.79	cps
Lithium	6-1	2209730	2210056	2189429	2203072	0.54	cps
Magnesium	24-2	81992	81991	82753	82245	0.53	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01LX5	Instrumnet Name :	P7
Client Sample ID :	390814061.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-28 14:58:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3807	3944	3724	3825	2.90	cps
Molybdenum	94-1	392	275	392	353	19.09	cps
Molybdenum	95-1	125	158	225	169	30.05	cps
Molybdenum	96-1	250	283	300	278	9.17	cps
Molybdenum	97-1	150	100	92	114	27.70	cps
Molybdenum	98-1	242	167	300	236	28.31	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	4264	4261	4441	4322	2.38	cps
Phosphorus	31-2	400	350	383	378	6.74	cps
Potassium	39-2	26449	26316	26675	26480	0.69	cps
Rhodium	103-1	6911097	6908973	6852859	6890976	0.48	cps
Rhodium	103-2	3128349	3141633	3139585	3136522	0.23	cps
Scandium	45-1	4170511	4166272	4150818	4162534	0.25	cps
Scandium	45-2	168277	166770	167073	167373	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	33	26	37	36.05	cps
Selenium	82-1	37	47	42	42	11.19	cps
Silicon	28-1	2289722	2302129	2271581	2287810	0.67	cps
Silver	109-1	125	108	167	133	22.53	cps
Silver	107-1	150	333	192	225	42.71	cps
Sodium	23-2	1109497	1110995	1109753	1110082	0.07	cps
Strontium	86-1	14842	15125	14358	14775	2.63	cps
Strontium	88-1	126621	125419	123368	125136	1.31	cps
Sulfur	34-1	207271	206224	209003	207500	0.68	cps
Terbium	159-1	10862289	10957587	10823445	10881107	0.63	cps
Terbium	159-2	5205574	5200765	5214163	5206834	0.13	cps
Thallium	203-1	433	400	392	408	5.40	cps
Thallium	205-1	750	775	825	783	4.88	cps
Thorium	232-1	1461	1256	1345	1354	7.62	cps
Tin	118-1	3884	3701	3459	3681	5.79	cps
Titanium	47-1	258	225	233	239	7.26	cps
Uranium	238-1	1559	1559	1592	1570	1.23	cps
Vanadium	51-2	60	47	53	53	12.50	cps
Yttrium	89-1	15869465	15913596	15828895	15870652	0.27	cps
Yttrium	89-2	2149876	2160888	2158008	2156257	0.26	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01LX5	Instrumnet Name :	P7
Client Sample ID :	390814061.0L	Dilution Factor :	5
Date & Time Acquired ::	2019-08-28 14:58:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	115704	114827	114685	115072	0.48	cps
Zirconium	90-1	1033	842	842	906	12.22	cps
Zirconium	91-1	142	200	150	164	19.25	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:02:29	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2858543	2862652	2865382	2862192	0.12	cps
Antimony	121-1	3204762	3182696	3238509	3208656	0.88	cps
Arsenic	75-1	713094	710738	717758	713863	0.50	cps
Barium	135-1	4349522	4299890	4313058	4320823	0.60	cps
Barium	137-1	7684747	7643310	7729023	7685693	0.56	cps
Beryllium	9-1	659144	659696	665599	661480	0.54	cps
Bismuth	209-1	6532365	6473144	6466409	6490639	0.56	cps
Bismuth	209-2	3798490	3831106	3783447	3804348	0.64	cps
Boron	10-1	99476	98354	101909	99913	1.82	cps
Boron	11-1	446696	454622	459662	453660	1.44	cps
Cadmium	111-1	1017753	1022593	1028902	1023083	0.55	cps
Cadmium	106-1	114956	115181	117593	115910	1.26	cps
Cadmium	108-1	75772	76693	76225	76230	0.60	cps
Calcium	43-1	4533300	4529216	4595807	4552774	0.82	cps
Calcium	44-1	75407143	75341152	75972516	75573604	0.46	cps
Chromium	52-2	819752	818053	820409	819405	0.15	cps
Cobalt	59-2	1318606	1317666	1328357	1321543	0.45	cps
Copper	63-2	2029240	2029961	2036618	2031940	0.20	cps
Dysprosium	156-1	92	150	117	119	24.50	cps
Dysprosium	156-2	157	127	140	141	10.65	cps
Erbium	164-1	42	92	133	89	51.63	cps
Erbium	164-2	57	70	63	63	10.52	cps
Gadolinium	160-1	142	125	83	117	25.75	cps
Gadolinium	160-2	177	237	207	207	14.52	cps
Holmium	165-1	10602226	10538140	10587009	10575791	0.32	cps
Holmium	165-2	5373072	5423391	5378660	5391708	0.51	cps
Indium	115-1	7521940	7536886	7489920	7516249	0.32	cps
Indium	115-2	1487599	1509638	1478444	1491894	1.07	cps
Iron	56-2	177284737	177129826	177653165	177355910	0.15	cps
Iron	57-2	4373593	4373507	4380744	4375948	0.09	cps
Krypton	83-1	200	120	127	149	29.82	cps
Lead	206-1	2982183	2967411	2993522	2981039	0.44	cps
Lead	207-1	2651715	2645109	2666077	2654301	0.40	cps
Lead	208-1	12081391	12044211	12148617	12091406	0.44	cps
Lithium	6-1	2203382	2208637	2198143	2203387	0.24	cps
Magnesium	24-2	30675381	30641815	30545711	30620969	0.22	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : CCV82 Instrumnet Name : P7
 Client Sample ID : CCV82 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 15:02:29 DataFile Name : 026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1037663	1036104	1036268	1036678	0.08	cps
Molybdenum	94-1	6888308	6867175	6943403	6899629	0.57	cps
Molybdenum	95-1	8531144	8489321	8640107	8553524	0.91	cps
Molybdenum	96-1	9421826	9392568	9477635	9430676	0.46	cps
Molybdenum	97-1	5173644	5178762	5216687	5189698	0.45	cps
Molybdenum	98-1	13750817	13685864	13815622	13750767	0.47	cps
Neodymium	150-1	507	473	480	487	3.63	cps
Neodymium	150-2	100	83	93	92	9.09	cps
Nickel	60-2	335043	337659	340529	337744	0.81	cps
Phosphorus	31-2	30148	29580	29513	29747	1.17	cps
Potassium	39-2	15150071	15178996	15088610	15139226	0.30	cps
Rhodium	103-1	6209731	6247618	6180074	6212474	0.54	cps
Rhodium	103-2	2887655	2936993	2887428	2904026	0.98	cps
Scandium	45-1	4149049	4121237	4093795	4121360	0.67	cps
Scandium	45-2	171395	174235	171284	172304	0.97	cps
Selenium	77-2	2867	2860	2607	2778	5.34	cps
Selenium	78-2	9268	9336	9131	9245	1.13	cps
Selenium	82-1	62727	62756	63627	63037	0.81	cps
Silicon	28-1	2183723	2242183	2286483	2237463	2.30	cps
Silver	109-1	4236287	4250925	4255876	4247696	0.24	cps
Silver	107-1	4389611	4391351	4406213	4395725	0.21	cps
Sodium	23-2	57939824	57938468	57965047	57947780	0.03	cps
Strontium	86-1	1064756	1057620	1071036	1064471	0.63	cps
Strontium	88-1	9530358	9525416	9631879	9562551	0.63	cps
Sulfur	34-1	533011	533481	533630	533374	0.06	cps
Terbium	159-1	10918393	10868577	10858228	10881732	0.30	cps
Terbium	159-2	5273106	5349645	5264860	5295870	0.88	cps
Thallium	203-1	3670330	3684801	3725898	3693676	0.78	cps
Thallium	205-1	9040937	9020688	9137711	9066445	0.69	cps
Thorium	232-1	13962074	13977613	14171862	14037183	0.83	cps
Tin	118-1	2811917	2800351	2835110	2815793	0.63	cps
Titanium	47-1	2002541	2002860	2021151	2008851	0.53	cps
Uranium	238-1	13812435	13687965	13865366	13788589	0.66	cps
Vanadium	51-2	654616	655171	654194	654660	0.07	cps
Yttrium	89-1	15658831	15671386	15540471	15623563	0.46	cps
Yttrium	89-2	2167692	2199142	2152198	2173011	1.10	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P7
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:02:29	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	332658	333480	334181	333440	0.23	cps
Zirconium	90-1	5455943	5402378	5603994	5487438	1.90	cps
Zirconium	91-1	1206711	1206189	1206551	1206484	0.02	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P7
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-28 15:06:07 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	75	50	58	24.74	cps
Antimony	121-1	2275	2759	2542	2525	9.59	cps
Arsenic	75-1	-172	-215	-193	-193	-11.12	cps
Barium	135-1	192	83	158	144	38.41	cps
Barium	137-1	250	200	275	242	15.80	cps
Beryllium	9-1	107	103	123	111	9.64	cps
Bismuth	209-1	7319627	7336624	7436256	7364169	0.86	cps
Bismuth	209-2	4160423	4196813	4201843	4186359	0.54	cps
Boron	10-1	5710	6235	5793	5913	4.77	cps
Boron	11-1	28194	26975	25439	26869	5.14	cps
Cadmium	111-1	3388	3801	3277	3489	7.92	cps
Cadmium	106-1	4726	5276	4601	4868	7.38	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Calcium	43-1	225	208	175	203	12.55	cps
Calcium	44-1	8186	7603	7353	7714	5.55	cps
Chromium	52-2	230	190	243	221	12.55	cps
Cobalt	59-2	93	43	40	59	50.74	cps
Copper	63-2	447	550	497	498	10.38	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	13	13	23	17	34.65	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	37	23	37	32	23.90	cps
Gadolinium	160-1	58	50	17	42	52.91	cps
Gadolinium	160-2	180	190	160	177	8.65	cps
Holmium	165-1	10577558	10599314	10768709	10648527	0.98	cps
Holmium	165-2	5296736	5378208	5346944	5340630	0.77	cps
Indium	115-1	8019910	8124789	8205028	8116576	1.14	cps
Indium	115-2	1574618	1588353	1595213	1586061	0.66	cps
Iron	56-2	6602	6774	6568	6648	1.66	cps
Iron	57-2	233	333	267	278	18.33	cps
Krypton	83-1	183	200	187	190	4.64	cps
Lead	206-1	800	811	811	807	0.79	cps
Lead	207-1	800	650	683	711	11.08	cps
Lead	208-1	3006	2761	2939	2902	4.35	cps
Lithium	6-1	2259515	2268194	2284149	2270619	0.55	cps
Magnesium	24-2	642	633	767	681	10.97	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:06:07	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	57	67	61	8.33	cps
Molybdenum	94-1	1233	1075	967	1092	12.29	cps
Molybdenum	95-1	1242	1392	1158	1264	9.36	cps
Molybdenum	96-1	1292	1158	1242	1231	5.47	cps
Molybdenum	97-1	650	750	667	689	7.78	cps
Molybdenum	98-1	2050	1967	1800	1939	6.57	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	47	30	43	40	22.05	cps
Phosphorus	31-2	42	50	50	47	10.18	cps
Potassium	39-2	11697	11530	11280	11502	1.83	cps
Rhodium	103-1	6968349	7023523	7125595	7039155	1.13	cps
Rhodium	103-2	3167857	3218908	3215272	3200679	0.89	cps
Scandium	45-1	4216952	4232374	4285803	4245043	0.85	cps
Scandium	45-2	171038	171499	173030	171856	0.61	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	33	37	54	41	26.23	cps
Selenium	82-1	27	19	26	24	18.70	cps
Silicon	28-1	85292	82636	82948	83626	1.74	cps
Silver	109-1	192	292	175	219	28.75	cps
Silver	107-1	350	383	267	333	18.03	cps
Sodium	23-2	8244	8578	8620	8481	2.43	cps
Strontium	86-1	400	317	250	322	23.32	cps
Strontium	88-1	458	458	467	461	1.04	cps
Sulfur	34-1	183011	185720	183669	184133	0.77	cps
Terbium	159-1	10937466	11061171	11170201	11056279	1.05	cps
Terbium	159-2	5271445	5312852	5298439	5294245	0.40	cps
Thallium	203-1	1125	1225	1133	1161	4.78	cps
Thallium	205-1	2684	2450	2075	2403	12.77	cps
Thorium	232-1	3684	3673	4079	3812	6.06	cps
Tin	118-1	1642	1600	1909	1717	9.75	cps
Titanium	47-1	125	167	158	150	14.70	cps
Uranium	238-1	1900	1850	1842	1864	1.69	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	16133260	16236395	16341254	16236970	0.64	cps
Yttrium	89-2	2190407	2206292	2210355	2202351	0.48	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P7
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:06:07	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	273	230	340	281	19.71	cps
Zirconium	90-1	1158	1283	1017	1153	11.57	cps
Zirconium	91-1	250	158	225	211	22.45	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MS	Instrumnet Name :	P7
Client Sample ID :	390814061.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:09:42	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132592	132145	132576	132438	0.19	cps
Antimony	121-1	5992274	5883583	5847602	5907820	1.27	cps
Arsenic	75-1	1242567	1223844	1231203	1232538	0.77	cps
Barium	135-1	406529	400075	396401	401002	1.28	cps
Barium	137-1	713006	698828	692588	701474	1.49	cps
Beryllium	9-1	315272	310596	309705	311858	0.96	cps
Bismuth	209-1	7752904	7684056	7711069	7716009	0.45	cps
Bismuth	209-2	4397002	4399010	4405124	4400379	0.10	cps
Boron	10-1	67125	68028	70749	68634	2.75	cps
Boron	11-1	312377	315374	319454	315735	1.13	cps
Cadmium	111-1	440276	430449	430901	433875	1.28	cps
Cadmium	106-1	44972	44554	42155	43894	3.46	cps
Cadmium	108-1	28955	28692	28608	28752	0.63	cps
Calcium	43-1	288468	283880	281397	284581	1.26	cps
Calcium	44-1	4678170	4631747	4617787	4642568	0.68	cps
Chromium	52-2	705248	709473	711889	708870	0.47	cps
Cobalt	59-2	603126	602687	606100	603971	0.31	cps
Copper	63-2	1749696	1749773	1752391	1750620	0.09	cps
Dysprosium	156-1	488860	480635	486726	485407	0.88	cps
Dysprosium	156-2	150230	152474	151099	151268	0.75	cps
Erbium	164-1	117	150	133	133	12.50	cps
Erbium	164-2	47	70	93	70	33.33	cps
Gadolinium	160-1	250	242	225	239	5.33	cps
Gadolinium	160-2	247	270	270	262	5.14	cps
Holmium	165-1	11479273	11325894	11375625	11393597	0.69	cps
Holmium	165-2	5702220	5686062	5730857	5706380	0.40	cps
Indium	115-1	8594729	8446982	8409909	8483873	1.15	cps
Indium	115-2	1625983	1645694	1640776	1637485	0.63	cps
Iron	56-2	4986220	5021493	5038130	5015281	0.53	cps
Iron	57-2	127645	126384	126822	126950	0.50	cps
Krypton	83-1	197	207	200	201	2.53	cps
Lead	206-1	7940494	7888843	7857285	7895540	0.53	cps
Lead	207-1	6795759	6670641	6909301	6791900	1.76	cps
Lead	208-1	31766532	31447182	31770231	31661315	0.59	cps
Lithium	6-1	2537638	2495984	2490873	2508165	1.02	cps
Magnesium	24-2	719457	719687	722024	720389	0.20	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MS	Instrumnet Name :	P7
Client Sample ID :	390814061.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:09:42	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	246781	246782	247794	247119	0.24	cps
Molybdenum	94-1	792402	776826	774312	781180	1.25	cps
Molybdenum	95-1	1385340	1358342	1356664	1366782	1.18	cps
Molybdenum	96-1	1481482	1448278	1441785	1457182	1.46	cps
Molybdenum	97-1	860266	841301	850114	850560	1.12	cps
Molybdenum	98-1	2228391	2193771	2192720	2204961	0.92	cps
Neodymium	150-1	113	73	87	91	22.35	cps
Neodymium	150-2	23	33	37	31	22.31	cps
Nickel	60-2	416548	417730	416500	416926	0.17	cps
Phosphorus	31-2	21658	20607	22584	21616	4.58	cps
Potassium	39-2	1410860	1412023	1429443	1417442	0.73	cps
Rhodium	103-1	7378343	7292642	7265450	7312145	0.81	cps
Rhodium	103-2	3309650	3328290	3338432	3325458	0.44	cps
Scandium	45-1	4559991	4519305	4492573	4523957	0.75	cps
Scandium	45-2	181931	180390	182683	181668	0.64	cps
Selenium	77-2	15005	14941	14357	14768	2.42	cps
Selenium	78-2	48800	49939	50134	49625	1.45	cps
Selenium	82-1	345274	340396	339536	341735	0.91	cps
Silicon	28-1	16091352	15947585	15889893	15976277	0.65	cps
Silver	109-1	687445	679051	673385	679961	1.04	cps
Silver	107-1	715693	707790	704089	709191	0.84	cps
Sodium	23-2	6919917	6858012	6899578	6892502	0.46	cps
Strontium	86-1	565767	552461	554875	557701	1.27	cps
Strontium	88-1	4916658	4870736	4861419	4882938	0.61	cps
Sulfur	34-1	280333	276048	271599	275993	1.58	cps
Terbium	159-1	11867832	11763800	11876986	11836206	0.53	cps
Terbium	159-2	5631158	5686015	5636369	5651181	0.54	cps
Thallium	203-1	17487148	17248445	17211034	17315542	0.87	cps
Thallium	205-1	41833163	41757699	41264486	41618450	0.74	cps
Thorium	232-1	3567	3817	3528	3638	4.31	cps
Tin	118-1	4542154	4436874	4422981	4467336	1.46	cps
Titanium	47-1	180651	179809	179470	179977	0.34	cps
Uranium	238-1	1809	1859	2000	1889	5.26	cps
Vanadium	51-2	424009	426132	426355	425499	0.30	cps
Yttrium	89-1	17382113	17154024	17133787	17223308	0.80	cps
Yttrium	89-2	2302558	2326174	2329201	2319311	0.63	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MS	Instrumnet Name :	P7
Client Sample ID :	390814061.0MS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:09:42	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	684081	688964	692549	688531	0.62	cps
Zirconium	90-1	6794	5943	6077	6271	7.29	cps
Zirconium	91-1	2217	2075	1934	2075	6.83	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MSD	Instrumnet Name :	P7
Client Sample ID :	390814061.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:13:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123910	122926	121910	122915	0.81	cps
Antimony	121-1	5486532	5466756	5383048	5445446	1.01	cps
Arsenic	75-1	1121026	1114564	1112530	1116040	0.40	cps
Barium	135-1	373813	371435	370651	371966	0.44	cps
Barium	137-1	654033	648697	648098	650276	0.50	cps
Beryllium	9-1	287039	286096	286199	286445	0.18	cps
Bismuth	209-1	7207918	7256523	7205251	7223231	0.40	cps
Bismuth	209-2	4094758	4173126	4146272	4138052	0.96	cps
Boron	10-1	66673	67803	67124	67200	0.85	cps
Boron	11-1	297758	305158	308159	303692	1.76	cps
Cadmium	111-1	399430	397247	393346	396674	0.78	cps
Cadmium	106-1	40918	39188	39782	39963	2.20	cps
Cadmium	108-1	26279	26475	26095	26283	0.72	cps
Calcium	43-1	259326	259988	261167	260160	0.36	cps
Calcium	44-1	4272914	4279557	4227664	4260045	0.66	cps
Chromium	52-2	663382	662080	660444	661968	0.22	cps
Cobalt	59-2	561197	564569	563241	563002	0.30	cps
Copper	63-2	1627630	1632433	1630328	1630130	0.15	cps
Dysprosium	156-1	462604	468319	459447	463457	0.97	cps
Dysprosium	156-2	142446	142132	142890	142489	0.27	cps
Erbium	164-1	83	75	108	89	19.52	cps
Erbium	164-2	70	87	73	77	11.51	cps
Gadolinium	160-1	242	142	208	197	25.82	cps
Gadolinium	160-2	253	220	240	238	7.06	cps
Holmium	165-1	10675545	10727121	10545167	10649277	0.88	cps
Holmium	165-2	5346065	5439982	5390245	5392097	0.87	cps
Indium	115-1	7907617	7942136	7865114	7904956	0.49	cps
Indium	115-2	1537242	1558188	1553397	1549609	0.71	cps
Iron	56-2	4677094	4678587	4692249	4682643	0.18	cps
Iron	57-2	116917	117680	118357	117651	0.61	cps
Krypton	83-1	177	147	267	197	31.75	cps
Lead	206-1	7376893	7377337	7295266	7349832	0.64	cps
Lead	207-1	6270777	6228894	6170306	6223326	0.81	cps
Lead	208-1	29440440	29354311	29147389	29314047	0.51	cps
Lithium	6-1	2336640	2335584	2317522	2329915	0.46	cps
Magnesium	24-2	671871	671802	669425	671033	0.21	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MSD	Instrumnet Name :	P7
Client Sample ID :	390814061.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:13:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	229654	228976	230066	229565	0.24	cps
Molybdenum	94-1	728932	721064	715931	721976	0.91	cps
Molybdenum	95-1	1278266	1270857	1259347	1269490	0.75	cps
Molybdenum	96-1	1365625	1359828	1348565	1358006	0.64	cps
Molybdenum	97-1	800159	797372	788146	795226	0.79	cps
Molybdenum	98-1	2055399	2051118	2030912	2045810	0.64	cps
Neodymium	150-1	100	120	80	100	20.00	cps
Neodymium	150-2	37	40	3	27	76.04	cps
Nickel	60-2	387789	388760	388452	388333	0.13	cps
Phosphorus	31-2	20598	20064	19638	20100	2.39	cps
Potassium	39-2	1320204	1320555	1316895	1319218	0.15	cps
Rhodium	103-1	6872245	6846005	6792159	6836803	0.60	cps
Rhodium	103-2	3131006	3168970	3149244	3149740	0.60	cps
Scandium	45-1	4231910	4232774	4175009	4213231	0.79	cps
Scandium	45-2	170040	173021	172784	171948	0.96	cps
Selenium	77-2	13220	12959	12763	12980	1.77	cps
Selenium	78-2	43935	43337	43790	43687	0.71	cps
Selenium	82-1	301468	297731	297529	298910	0.74	cps
Silicon	28-1	14872865	14834662	14724031	14810519	0.52	cps
Silver	109-1	634252	631834	629333	631806	0.39	cps
Silver	107-1	657754	661439	654542	657912	0.52	cps
Sodium	23-2	6439650	6435954	6394459	6423354	0.39	cps
Strontium	86-1	516637	513853	510168	513553	0.63	cps
Strontium	88-1	4543653	4523564	4492204	4519807	0.57	cps
Sulfur	34-1	273069	274917	273613	273866	0.35	cps
Terbium	159-1	11029597	11098027	10925844	11017823	0.79	cps
Terbium	159-2	5326556	5402172	5355283	5361337	0.71	cps
Thallium	203-1	16142790	16123057	15994540	16086796	0.50	cps
Thallium	205-1	38685206	38965581	38248754	38633180	0.94	cps
Thorium	232-1	2367	2678	2361	2469	7.34	cps
Tin	118-1	4155313	4147898	4107891	4137034	0.62	cps
Titanium	47-1	166276	167170	164068	165838	0.96	cps
Uranium	238-1	1975	1825	1684	1828	7.98	cps
Vanadium	51-2	398203	396912	396625	397247	0.21	cps
Yttrium	89-1	16116178	16139301	15978912	16078130	0.54	cps
Yttrium	89-2	2184353	2205738	2202544	2197545	0.52	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01MSD	Instrumnet Name :	P7
Client Sample ID :	390814061.0MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:13:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	619781	624301	615180	619754	0.74	cps
Zirconium	90-1	3534	3809	3651	3665	3.77	cps
Zirconium	91-1	1650	1250	1275	1392	16.10	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01A	Instrumnet Name :	P7
Client Sample ID :	390814061.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:16:55	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128515	128968	128002	128495	0.38	cps
Antimony	121-1	5692938	5673623	5629151	5665237	0.58	cps
Arsenic	75-1	1176524	1158749	1164394	1166556	0.78	cps
Barium	135-1	386174	385025	383428	384876	0.36	cps
Barium	137-1	672204	672441	668800	671149	0.30	cps
Beryllium	9-1	300487	299520	299917	299975	0.16	cps
Bismuth	209-1	7492243	7501915	7455847	7483335	0.32	cps
Bismuth	209-2	4215805	4253831	4243938	4237858	0.47	cps
Boron	10-1	68833	67744	71519	69365	2.80	cps
Boron	11-1	307644	308493	317829	311322	1.82	cps
Cadmium	111-1	416411	417886	413640	415979	0.52	cps
Cadmium	106-1	41997	41362	41152	41504	1.06	cps
Cadmium	108-1	27302	27431	26855	27196	1.11	cps
Calcium	43-1	271259	270705	270299	270754	0.18	cps
Calcium	44-1	4454777	4406444	4430441	4430554	0.55	cps
Chromium	52-2	682656	689461	690178	687432	0.60	cps
Cobalt	59-2	583311	585271	586746	585109	0.29	cps
Copper	63-2	1677916	1699068	1698488	1691824	0.71	cps
Dysprosium	156-1	489484	481356	479944	483595	1.06	cps
Dysprosium	156-2	146137	148983	148599	147906	1.04	cps
Erbium	164-1	133	200	175	169	19.88	cps
Erbium	164-2	80	90	73	81	10.34	cps
Gadolinium	160-1	167	242	208	206	18.28	cps
Gadolinium	160-2	210	243	213	222	8.26	cps
Holmium	165-1	11000596	10959852	10941415	10967288	0.28	cps
Holmium	165-2	5489737	5543792	5515400	5516310	0.49	cps
Indium	115-1	8176279	8129282	8066741	8124101	0.68	cps
Indium	115-2	1571584	1579964	1579715	1577088	0.30	cps
Iron	56-2	4830492	4871113	4868232	4856613	0.47	cps
Iron	57-2	121823	123263	123846	122977	0.85	cps
Krypton	83-1	160	170	223	184	18.46	cps
Lead	206-1	7608545	7589757	7593314	7597205	0.13	cps
Lead	207-1	6534909	6490479	6445831	6490406	0.69	cps
Lead	208-1	30699631	30525556	30322572	30515920	0.62	cps
Lithium	6-1	2404990	2397896	2402676	2401854	0.15	cps
Magnesium	24-2	695354	696847	695833	696011	0.11	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01A	Instrumnet Name :	P7
Client Sample ID :	390814061.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:16:55	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	238010	238087	240570	238889	0.61	cps
Molybdenum	94-1	753881	740570	739039	744496	1.10	cps
Molybdenum	95-1	1333032	1313484	1311051	1319189	0.91	cps
Molybdenum	96-1	1416211	1397742	1391785	1401913	0.91	cps
Molybdenum	97-1	827975	816967	817488	820810	0.76	cps
Molybdenum	98-1	2141476	2121604	2100774	2121285	0.96	cps
Neodymium	150-1	100	87	80	89	11.46	cps
Neodymium	150-2	33	23	43	33	30.00	cps
Nickel	60-2	401513	402089	401718	401773	0.07	cps
Phosphorus	31-2	20640	20940	20623	20734	0.86	cps
Potassium	39-2	1367580	1369235	1372659	1369825	0.19	cps
Rhodium	103-1	7102087	7043642	7015628	7053786	0.63	cps
Rhodium	103-2	3197862	3224846	3189175	3203961	0.58	cps
Scandium	45-1	4349397	4307826	4325444	4327556	0.48	cps
Scandium	45-2	172739	175090	174811	174214	0.74	cps
Selenium	77-2	13967	13770	14331	14023	2.03	cps
Selenium	78-2	46086	46875	46481	46481	0.85	cps
Selenium	82-1	322188	320240	322825	321751	0.42	cps
Silicon	28-1	15420093	15353644	15393815	15389184	0.22	cps
Silver	109-1	660463	661950	656474	659629	0.43	cps
Silver	107-1	684681	679378	671402	678487	0.99	cps
Sodium	23-2	6711844	6683371	6707770	6700995	0.23	cps
Strontium	86-1	541120	530367	531401	534296	1.11	cps
Strontium	88-1	4697528	4660567	4674906	4677667	0.40	cps
Sulfur	34-1	280223	281275	281028	280842	0.20	cps
Terbium	159-1	11405304	11345864	11267873	11339680	0.61	cps
Terbium	159-2	5398834	5487611	5445365	5443937	0.82	cps
Thallium	203-1	16758870	16646177	16613929	16672992	0.46	cps
Thallium	205-1	40393747	40207752	40132873	40244790	0.33	cps
Thorium	232-1	1911	1872	2122	1969	6.83	cps
Tin	118-1	4329487	4273630	4250120	4284412	0.95	cps
Titanium	47-1	174308	174497	171046	173284	1.12	cps
Uranium	238-1	1792	1909	1792	1831	3.68	cps
Vanadium	51-2	411293	413906	413641	412947	0.35	cps
Yttrium	89-1	16512346	16482242	16558624	16517737	0.23	cps
Yttrium	89-2	2233543	2257910	2227272	2239575	0.72	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	K4533-01A	Instrumnet Name :	P7
Client Sample ID :	390814061.0A	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:16:55	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	653716	655133	654737	654529	0.11	cps
Zirconium	90-1	3334	3284	3334	3317	0.87	cps
Zirconium	91-1	1517	1717	1600	1611	6.24	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:20:49	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2898243	2877194	2903616	2893017	0.48	cps
Antimony	121-1	3154380	3191322	3173335	3173012	0.58	cps
Arsenic	75-1	679085	691209	690625	686973	1.00	cps
Barium	135-1	4234827	4265758	4248149	4249578	0.37	cps
Barium	137-1	7545024	7592162	7633028	7590071	0.58	cps
Beryllium	9-1	657537	664866	668283	663562	0.83	cps
Bismuth	209-1	6445912	6426453	6532859	6468408	0.88	cps
Bismuth	209-2	3712136	3746043	3721679	3726619	0.47	cps
Boron	10-1	101388	104124	104433	103315	1.62	cps
Boron	11-1	453691	471031	473623	466115	2.32	cps
Cadmium	111-1	964531	975961	973301	971264	0.62	cps
Cadmium	106-1	111410	109908	110747	110689	0.68	cps
Cadmium	108-1	72635	72568	73158	72787	0.44	cps
Calcium	43-1	4469505	4522387	4525192	4505695	0.70	cps
Calcium	44-1	74381856	75577887	75968960	75309568	1.10	cps
Chromium	52-2	817416	817215	814151	816261	0.22	cps
Cobalt	59-2	1323522	1329812	1327648	1326994	0.24	cps
Copper	63-2	1961382	1970765	1964277	1965474	0.24	cps
Dysprosium	156-1	217	150	192	186	18.10	cps
Dysprosium	156-2	103	120	97	107	11.26	cps
Erbium	164-1	117	58	133	103	38.31	cps
Erbium	164-2	57	43	70	57	23.53	cps
Gadolinium	160-1	108	75	75	86	22.35	cps
Gadolinium	160-2	137	173	167	159	12.29	cps
Holmium	165-1	10502632	10450008	10719774	10557471	1.35	cps
Holmium	165-2	5297261	5346950	5311585	5318599	0.48	cps
Indium	115-1	7456888	7456093	7608173	7507052	1.17	cps
Indium	115-2	1468648	1476009	1486494	1477050	0.61	cps
Iron	56-2	178724582	177560282	177882621	178055828	0.34	cps
Iron	57-2	4354563	4362476	4371555	4362864	0.19	cps
Krypton	83-1	223	217	163	201	16.35	cps
Lead	206-1	2931677	2927538	2963733	2940983	0.67	cps
Lead	207-1	2599984	2611290	2609226	2606833	0.23	cps
Lead	208-1	11812197	11868393	11932441	11871010	0.51	cps
Lithium	6-1	2218604	2222281	2253025	2231303	0.85	cps
Magnesium	24-2	30861876	30896593	30921736	30893402	0.10	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:20:49	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1035113	1035308	1032787	1034402	0.14	cps
Molybdenum	94-1	6764089	6885086	6865624	6838266	0.95	cps
Molybdenum	95-1	8386221	8575691	8506369	8489427	1.13	cps
Molybdenum	96-1	9244942	9429844	9359783	9344856	1.00	cps
Molybdenum	97-1	5075509	5148167	5145060	5122912	0.80	cps
Molybdenum	98-1	13525089	13657840	13723760	13635563	0.74	cps
Neodymium	150-1	393	547	433	458	17.38	cps
Neodymium	150-2	97	93	63	84	21.75	cps
Nickel	60-2	335490	338937	338004	337477	0.53	cps
Phosphorus	31-2	29689	28779	30031	29500	2.19	cps
Potassium	39-2	15346650	15254139	15324299	15308363	0.32	cps
Rhodium	103-1	6196857	6169126	6295331	6220438	1.07	cps
Rhodium	103-2	2843990	2874252	2890844	2869695	0.83	cps
Scandium	45-1	4124726	4104014	4184461	4137734	1.01	cps
Scandium	45-2	171027	170950	170815	170931	0.06	cps
Selenium	77-2	3217	3127	3187	3177	1.44	cps
Selenium	78-2	10528	10511	10693	10577	0.95	cps
Selenium	82-1	70829	71159	71531	71173	0.49	cps
Silicon	28-1	2216518	2280123	2310251	2268964	2.11	cps
Silver	109-1	4037878	4074767	4055942	4056196	0.45	cps
Silver	107-1	4168763	4208181	4211740	4196228	0.57	cps
Sodium	23-2	58295205	58417118	58222049	58311458	0.17	cps
Strontium	86-1	1043863	1062826	1055477	1054056	0.91	cps
Strontium	88-1	9397263	9560051	9507959	9488424	0.88	cps
Sulfur	34-1	523486	527193	531016	527232	0.71	cps
Terbium	159-1	10909913	10779803	10969989	10886568	0.89	cps
Terbium	159-2	5188319	5221167	5230431	5213306	0.42	cps
Thallium	203-1	3613420	3615444	3638946	3622603	0.39	cps
Thallium	205-1	8925539	9010084	9019187	8984937	0.57	cps
Thorium	232-1	13764987	13889469	13928564	13861007	0.62	cps
Tin	118-1	2756771	2787989	2791155	2778638	0.68	cps
Titanium	47-1	1970852	2010043	2002543	1994479	1.04	cps
Uranium	238-1	13521564	13714956	13698617	13645046	0.79	cps
Vanadium	51-2	655445	653084	653379	653970	0.20	cps
Yttrium	89-1	15613640	15531858	15759425	15634974	0.74	cps
Yttrium	89-2	2139440	2160200	2166158	2155266	0.65	cps

LB Number :	LB104852	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P7
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2019-08-28 15:20:49	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	323199	322831	323874	323302	0.16	cps
Zirconium	90-1	5321827	5375295	5545296	5414139	2.16	cps
Zirconium	91-1	1171063	1197729	1193838	1187543	1.21	cps

LB Number : LB104852 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P7
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	108	108	103	9.36	cps
Antimony	121-1	2684	3034	3309	3009	10.41	cps
Arsenic	75-1	-34	71	-160	-41	-281.68	cps
Barium	135-1	217	158	292	222	30.08	cps
Barium	137-1	375	258	258	297	22.66	cps
Beryllium	9-1	147	157	180	161	10.62	cps
Bismuth	209-1	7318296	7214946	7244112	7259118	0.73	cps
Bismuth	209-2	4144494	4149340	4158010	4150615	0.16	cps
Boron	10-1	6869	7044	6260	6724	6.12	cps
Boron	11-1	31768	29238	28595	29867	5.62	cps
Cadmium	111-1	3727	3225	3273	3408	8.12	cps
Cadmium	106-1	5176	4526	4551	4751	7.75	cps
Cadmium	108-1	25	38	13	25	50.00	cps
Calcium	43-1	358	233	208	267	30.14	cps
Calcium	44-1	8979	8912	8653	8848	1.94	cps
Chromium	52-2	323	243	257	274	15.62	cps
Cobalt	59-2	73	100	47	73	36.36	cps
Copper	63-2	487	537	460	494	7.87	cps
Dysprosium	156-1	8	58	58	42	69.29	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	50	58	25	44	39.04	cps
Erbium	164-2	30	60	27	39	47.20	cps
Gadolinium	160-1	42	25	108	58	75.59	cps
Gadolinium	160-2	130	157	130	139	11.09	cps
Holmium	165-1	10511478	10464123	10474051	10483217	0.24	cps
Holmium	165-2	5305442	5347649	5314046	5322379	0.42	cps
Indium	115-1	8051509	8037101	8020207	8036272	0.19	cps
Indium	115-2	1596519	1591266	1593966	1593917	0.16	cps
Iron	56-2	9587	9409	9337	9444	1.36	cps
Iron	57-2	278	261	344	294	14.98	cps
Krypton	83-1	243	170	163	192	23.09	cps
Lead	206-1	1067	1017	928	1004	7.01	cps
Lead	207-1	972	744	633	783	22.06	cps
Lead	208-1	3934	3506	3367	3602	8.20	cps
Lithium	6-1	2286720	2286523	2272930	2282058	0.35	cps
Magnesium	24-2	1233	1092	1375	1233	11.49	cps

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Lab Sample ID :	CCB83	Instrumnet Name :	P7
Client Sample ID :	CCB83	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	53	90	78	27.22	cps
Molybdenum	94-1	1225	1008	1108	1114	9.74	cps
Molybdenum	95-1	1442	1358	1425	1408	3.13	cps
Molybdenum	96-1	1600	1292	1392	1428	11.02	cps
Molybdenum	97-1	1075	758	808	881	19.33	cps
Molybdenum	98-1	2167	2092	1850	2036	8.13	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	100	43	57	67	44.44	cps
Phosphorus	31-2	42	33	25	33	25.01	cps
Potassium	39-2	11939	11964	11897	11933	0.28	cps
Rhodium	103-1	6997063	6973315	6960428	6976935	0.27	cps
Rhodium	103-2	3217346	3213447	3207972	3212922	0.15	cps
Scandium	45-1	4226497	4222445	4214126	4221022	0.15	cps
Scandium	45-2	173893	172956	171499	172783	0.70	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	43	46	46	45	4.75	cps
Selenium	82-1	0	61	84	48	89.99	cps
Silicon	28-1	90155	88034	86199	88129	2.25	cps
Silver	109-1	342	458	267	356	27.16	cps
Silver	107-1	425	417	342	394	11.64	cps
Sodium	23-2	10604	10437	9970	10337	3.18	cps
Strontium	86-1	300	375	442	372	19.04	cps
Strontium	88-1	667	508	492	556	17.39	cps
Sulfur	34-1	187279	188324	185754	187119	0.69	cps
Terbium	159-1	10871883	10935309	10876864	10894685	0.32	cps
Terbium	159-2	5284163	5287167	5278316	5283216	0.09	cps
Thallium	203-1	2309	2292	2000	2200	7.88	cps
Thallium	205-1	5001	4951	4768	4907	2.50	cps
Thorium	232-1	3706	3478	3589	3591	3.17	cps
Tin	118-1	2509	2384	2250	2381	5.43	cps
Titanium	47-1	50	142	158	117	50.00	cps
Uranium	238-1	2125	1742	1892	1920	10.06	cps
Vanadium	51-2	20	23	30	24	20.83	cps
Yttrium	89-1	16079636	16117262	16120380	16105759	0.14	cps
Yttrium	89-2	2218950	2222893	2216888	2219577	0.14	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	360	277	343	327	13.50	cps
Zirconium	90-1	1108	1067	1142	1106	3.40	cps
Zirconium	91-1	217	217	350	261	29.48	cps