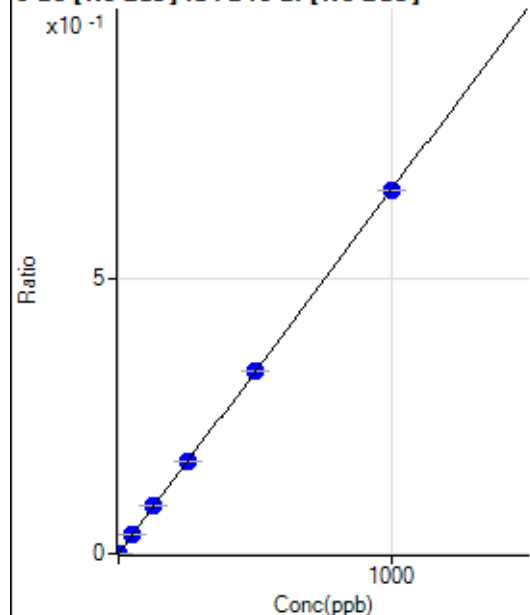


Calibration for 003CALS.d

Batch Folder: D:\ICP-MS Data\P709019-MS.b\
 Analysis File: P709019-MS.batch.bin
 DA Date-Time: 2019-09-09 13:40:07
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-09-09 11:31:24
2	003CALS.d	S02	2019-09-09 11:34:59
3	004CALS.d	S03	2019-09-09 11:39:58
4	005CALS.d	S04	2019-09-09 11:44:09
5	006CALS.d	S05	2019-09-09 11:47:57
6	007CALS.d	S06	2019-09-09 11:51:43
7	008CALS.d	S07	2019-09-09 11:55:29
8	009CALS.d	S08	2019-09-09 11:59:16

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.34	0.0000	P	7.3
2	☐	1.000	0.942	2790.30	0.0006	P	3.4
3	☐	50.000	54.997	163466.06	0.0365	P	0.7
4	☐	125.000	129.996	371662.99	0.0862	P	0.8
5	☐	250.000	254.638	656869.00	0.1688	P	0.2
6	☐	500.000	502.779	1203294.69	0.3333	P	0.4
7	☐	1000.000	996.577	2341618.49	0.6607	P	0.1
8	☐			357.79	0.0001	P	8.6

$$y = 6.6292\text{E-}004 * x + 2.4372\text{E-}005$$

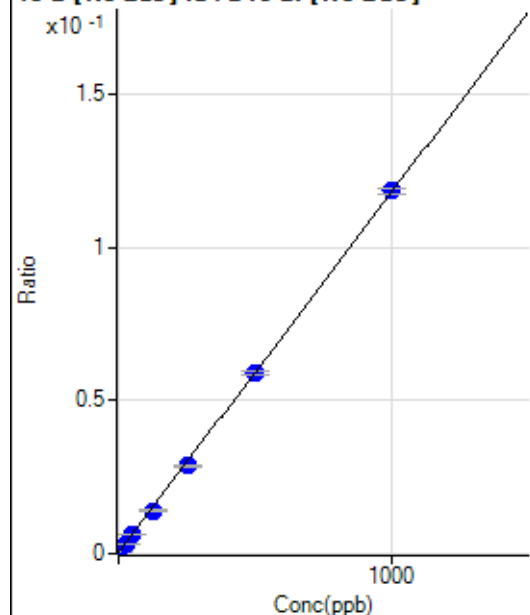
$$R = 1.0000$$

$$DL = 0.00807$$

$$BEC = 0.03676$$

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	1658.49	0.0004	P	6.3
2	☐	25.000	22.518	13058.88	0.0030	P	2.0
3	☐	50.000	49.309	27706.71	0.0062	P	2.7
4	☐	125.000	116.283	60572.44	0.0141	P	2.4
5	☐	250.000	240.902	111625.05	0.0287	P	1.5
6	☐	500.000	499.245	213125.01	0.0590	P	1.7
7	☐	1000.000	1003.838	419346.80	0.1183	P	1.6
8	☐			20945.78	0.0060	P	9.2

$$y = 1.1748\text{E-}004 * x + 3.9094\text{E-}004$$

$$R = 0.9999$$

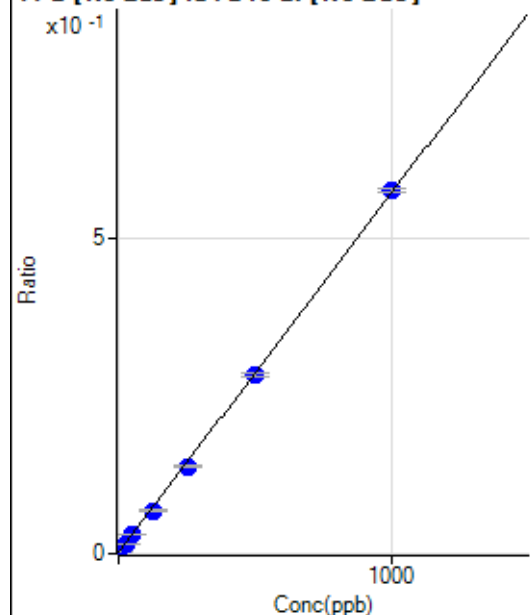
$$DL = 0.6281$$

$$BEC = 3.328$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7538.34	0.0018	P	1.1
2	☐	25.000	22.481	62706.02	0.0146	P	2.5
3	☐	50.000	48.926	132796.89	0.0296	P	0.9
4	☐	125.000	115.834	292009.32	0.0677	P	2.6
5	☐	250.000	239.215	536909.29	0.1380	P	1.9
6	☐	500.000	495.735	1025482.85	0.2841	P	1.9
7	☐	1000.000	1006.091	2036913.28	0.5747	P	1.1
8	☐			99633.93	0.0287	P	9.8

$$y = 5.6946\text{E-}004 * x + 0.0018$$

R = 0.9999

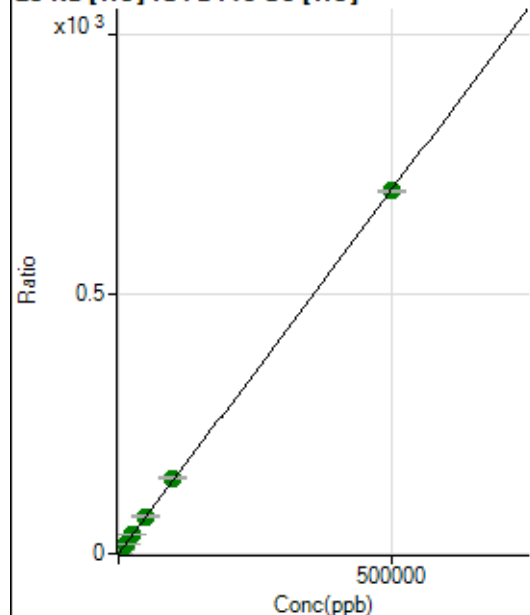
DL = 0.1011

BEC = 3.121

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38344.63	0.0681	P	1.3
2	☐	500.000	427.893	380192.93	0.6676	P	5.0
3	☐	5000.000	5457.922	4425934.43	7.7142	A	0.3
4	☐	12500.000	13257.156	9786570.79	18.6402	A	0.9
5	☐	25000.000	26439.638	18464850.59	37.1077	A	0.7
6	☐	50000.000	50946.943	35719087.60	71.4403	A	6.5
7	☐	100000.00	104210.88	71877802.99	146.0584	A	1.1
8	☐	500000.00	498967.71	361461394.19	699.0779	A	0.7

$$y = 0.0014 * x + 0.0681$$

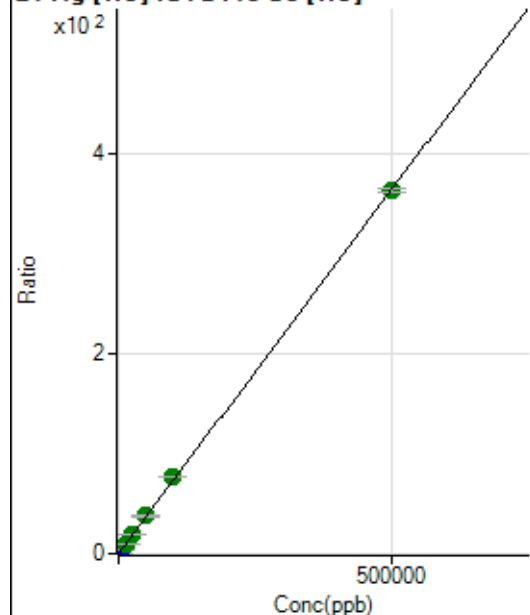
R = 1.0000

DL = 1.962

BEC = 48.62

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	472.25	0.0008	P	14.7
2	☐	500.000	418.232	174203.18	0.3058	P	7.6
3	☐	5000.000	5605.647	2345904.59	4.0888	P	0.1
4	☐	12500.000	13526.500	5179258.93	9.8652	A	0.4
5	☐	25000.000	26969.971	9787464.11	19.6690	A	0.1
6	☐	50000.000	51745.562	18867461.36	37.7368	A	6.5
7	☐	100000.00	105744.99	37951369.60	77.1165	A	1.0
8	☐	500000.00	498546.30	187982962.53	363.5710	A	0.9

$$y = 7.2926\text{E-}004 * x + 8.3889\text{E-}004$$

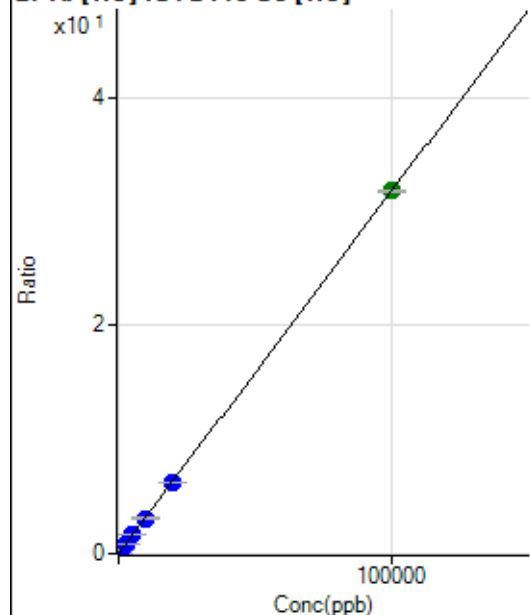
$$R = 0.9999$$

$$DL = 0.5063$$

$$BEC = 1.15$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.01	0.0002	P	44.2
2	☐	20.000	13.787	2600.35	0.0046	P	17.4
3	☐	1000.000	1058.653	193302.75	0.3369	P	1.3
4	☐	2500.000	2528.531	422386.23	0.8045	P	0.9
5	☐	5000.000	5061.169	801213.02	1.6101	P	0.4
6	☐	10000.000	9661.665	1536316.27	3.0736	P	7.0
7	☐	20000.000	19755.455	3092839.74	6.2844	P	0.7
8	☐	100000.00	100078.38	16460559.57	31.8352	A	0.7

$$y = 3.1810\text{E-}004 * x + 1.7764\text{E-}004$$

$$R = 1.0000$$

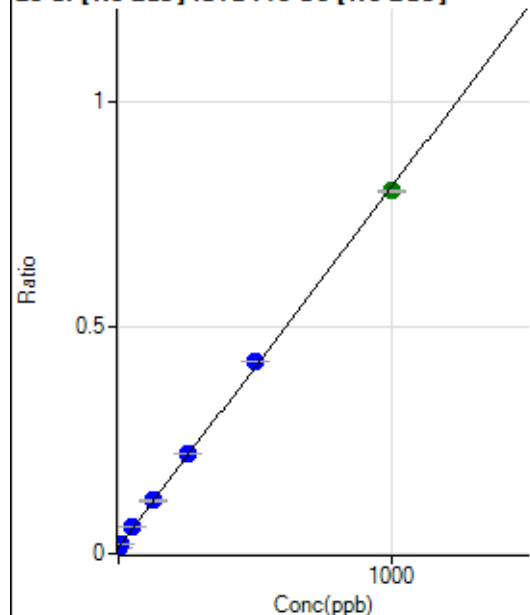
$$DL = 0.7398$$

$$BEC = 0.5584$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163009.03	0.0140	P	1.7
2	☐	10.000	8.515	246778.53	0.0207	P	0.6
3	☐	50.000	54.677	706286.74	0.0575	P	0.2
4	☐	125.000	129.593	1390357.16	0.1173	P	0.7
5	☐	250.000	259.361	2342170.47	0.2208	P	0.9
6	☐	500.000	515.413	4303588.38	0.4249	P	0.7
7	☐	1000.000	989.160	8145530.74	0.8027	A	0.5
8	☐			305386.26	0.0299	P	5.6

$$y = 7.9740\text{E-}004 * x + 0.0140$$

$$R = 0.9998$$

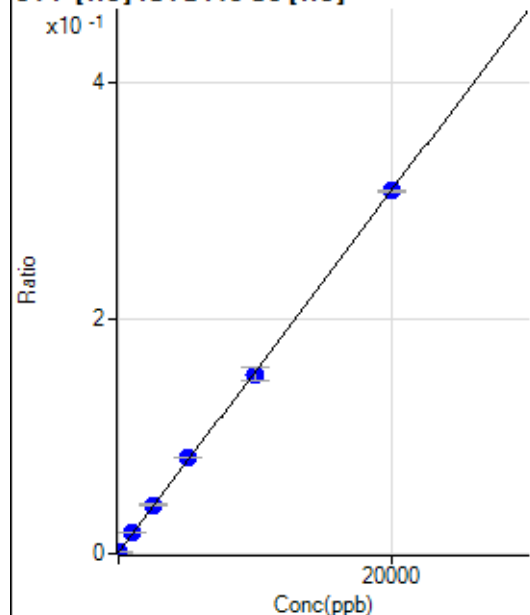
$$DL = 0.8688$$

$$BEC = 17.49$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-25.661	341.69	0.0006	P	7.1
2	☐	0.000	25.661	794.50	0.0014	P	4.4
3	☐	1000.000	1077.228	10067.67	0.0175	P	2.5
4	☐	2500.000	2621.205	21658.15	0.0413	P	1.9
5	☐	5000.000	5244.524	40581.34	0.0816	P	1.5
6	☐	10000.000	9856.425	76155.96	0.1524	P	7.5
7	☐	20000.000	19991.644	151605.20	0.3081	P	0.7
8	☐			466.70	0.0009	P	21.3

$$y = 1.5359\text{E-}005 * x + 0.0010$$

$$R = 0.9999$$

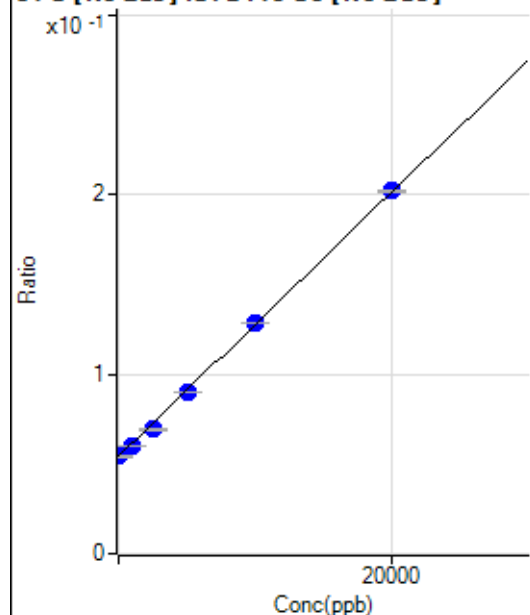
$$DL = 10.19$$

$$BEC = 65.18$$

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	21.155	635547.58	0.0544	P	0.5
2	☐	0.000	-21.155	643351.78	0.0541	P	1.2
3	☐	1000.000	749.193	733110.64	0.0597	P	0.0
4	☐	2500.000	2014.421	818341.08	0.0690	P	0.7
5	☐	5000.000	4841.636	952887.90	0.0898	P	0.6
6	☐	10000.000	10054.048	1297580.56	0.1281	P	0.3
7	☐	20000.000	20085.804	2048258.64	0.2019	P	0.8
8	☐			562126.82	0.0550	P	1.9

$$y = 7.3498\text{E-}006 * x + 0.0542$$

R = 0.9997

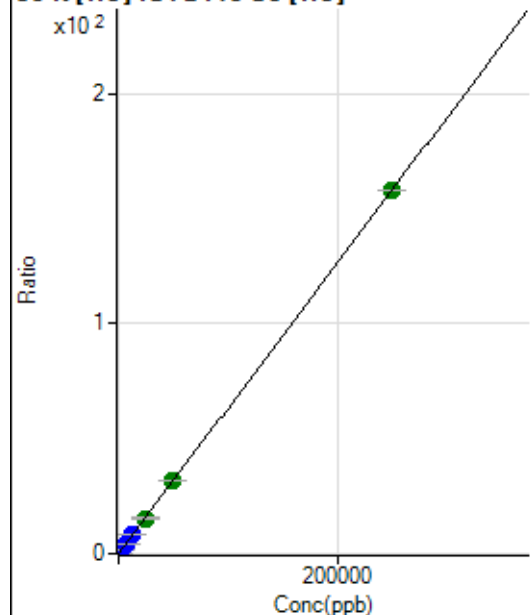
DL = 194.3

BEC = 7378

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	25856.56	0.0459	P	1.4
2	☐	500.000	433.236	181829.09	0.3193	P	3.2
3	☐	2500.000	2641.407	982549.12	1.7125	P	0.4
4	☐	6250.000	6278.770	2103935.64	4.0075	P	0.5
5	☐	12500.000	12557.344	3965420.44	7.9689	P	0.2
6	☐	25000.000	24382.976	7713844.27	15.4302	A	6.7
7	☐	50000.000	50380.087	15666952.26	31.8330	A	0.5
8	☐	250000.00	249980.81	81579732.38	157.7699	A	0.1

$$y = 6.3094\text{E-}004 * x + 0.0459$$

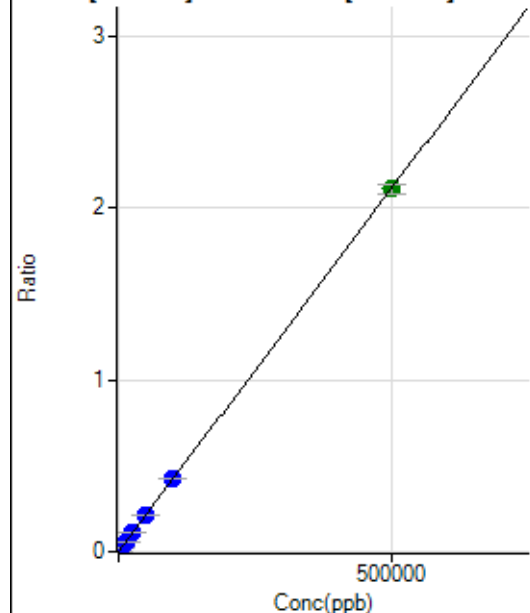
R = 1.0000

DL = 2.951

BEC = 72.8

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	180.56	0.0000	P	25.7
2	☐	500.000	468.234	23747.58	0.0020	P	3.6
3	☐	5000.000	5380.140	279428.28	0.0228	P	0.8
4	☐	12500.000	12711.071	637395.72	0.0538	P	0.8
5	☐	25000.000	25693.885	1153019.48	0.1087	P	0.4
6	☐	50000.000	51124.257	2189756.99	0.2162	P	0.2
7	☐	100000.00	101026.69	4335451.40	0.4273	P	0.6
8	☐	500000.00	499638.49	21579917.15	2.1130	A	2.7

$$y = 4.2290\text{E-}006 * x + 1.5453\text{E-}005$$

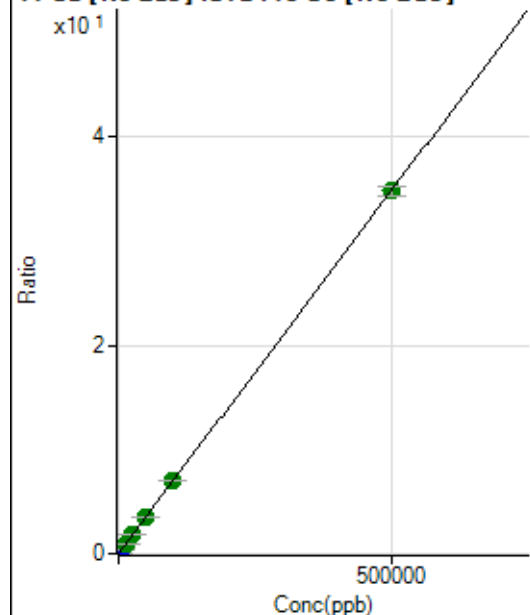
$$R = 1.0000$$

$$DL = 2.813$$

$$BEC = 3.654$$

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	24204.61	0.0021	P	1.9
2	☐	500.000	460.004	405628.99	0.0341	P	0.2
3	☐	5000.000	5348.184	4594164.30	0.3743	P	0.7
4	☐	12500.000	12659.735	10470736.34	0.8833	A	0.5
5	☐	25000.000	25582.478	18914550.77	1.7827	A	0.2
6	☐	50000.000	50906.597	35906488.65	3.5454	A	0.2
7	☐	100000.00	101091.89	71423206.46	7.0386	A	0.4
8	☐	500000.00	499654.40	355229871.83	34.7806	A	2.6

$$y = 6.9605\text{E-}005 * x + 0.0021$$

$$R = 1.0000$$

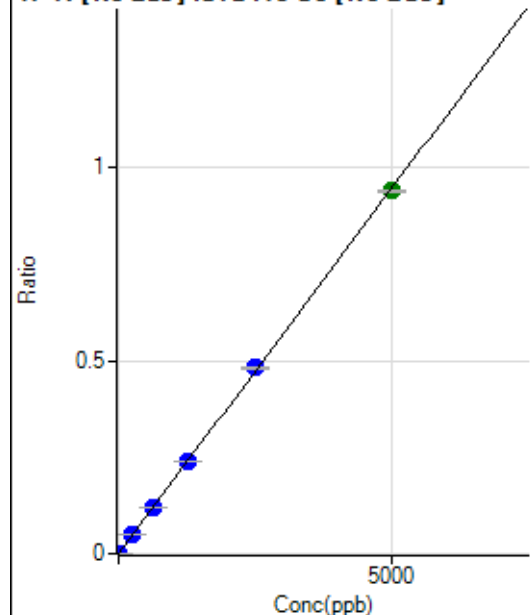
$$DL = 1.723$$

$$BEC = 29.76$$

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	183.34	0.0000	P	9.2
2	☐	5.000	5.020	11485.56	0.0010	P	2.9
3	☐	250.000	269.009	624814.97	0.0509	P	0.8
4	☐	625.000	633.529	1421172.18	0.1199	P	0.5
5	☐	1250.000	1271.210	2551888.21	0.2405	P	0.6
6	☐	2500.000	2545.949	4878520.51	0.4817	P	0.4
7	☐	5000.000	4969.706	9541295.87	0.9403	A	0.4
8	☐			1886.32	0.0002	P	5.7

$$y = 1.8920E-004 * x + 1.5689E-005$$

$$R = 0.9999$$

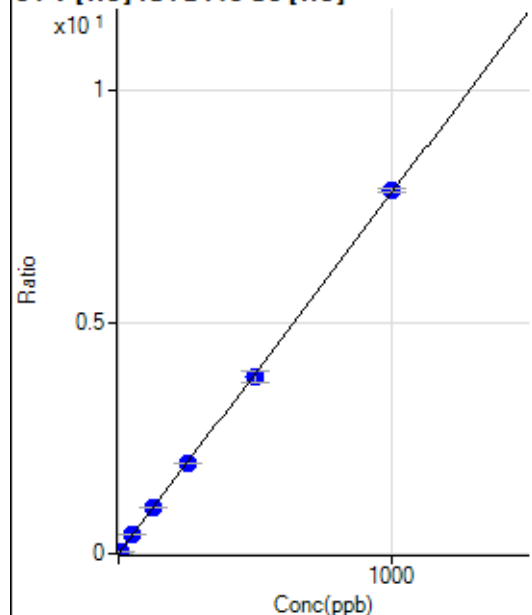
$$DL = 0.02278$$

$$BEC = 0.08292$$

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	7.78	0.0000	P	65.6
2	☐	5.000	4.001	17769.84	0.0312	P	8.2
3	☐	50.000	52.822	236185.20	0.4117	P	0.5
4	☐	125.000	126.656	518196.41	0.9870	P	0.5
5	☐	250.000	252.526	979281.88	1.9680	P	0.0
6	☐	500.000	487.629	1899885.02	3.8001	P	6.6
7	☐	1000.000	1005.211	3855193.14	7.8337	P	1.0
8	☐			676.69	0.0013	P	2.8

$$y = 0.0078 * x + 1.3835E-005$$

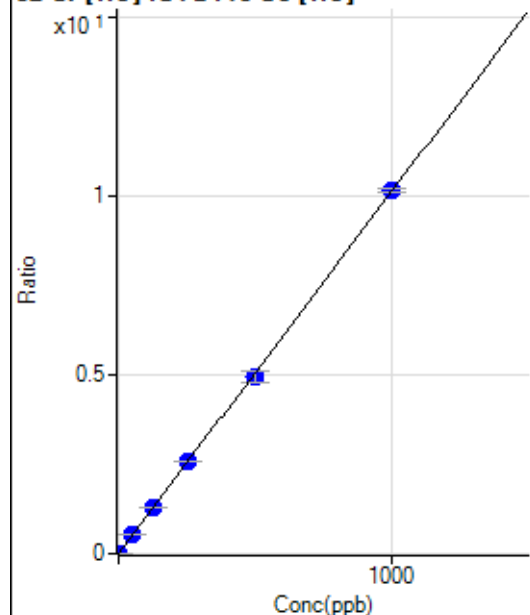
$$R = 0.9999$$

$$DL = 0.003492$$

$$BEC = 0.001775$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	936.71	0.0017	P	5.4
2	☐	2.000	1.493	9553.23	0.0168	P	8.3
3	☐	50.000	53.483	311553.31	0.5430	P	0.4
4	☐	125.000	128.578	684135.88	1.3031	P	0.5
5	☐	250.000	255.595	1288192.26	2.5888	P	0.5
6	☐	500.000	490.748	2484380.47	4.9690	P	6.5
7	☐	1000.000	1002.607	4995095.06	10.1501	P	1.0
8	☐			146901.78	0.2841	P	1.4

$$y = 0.0101 * x + 0.0017$$

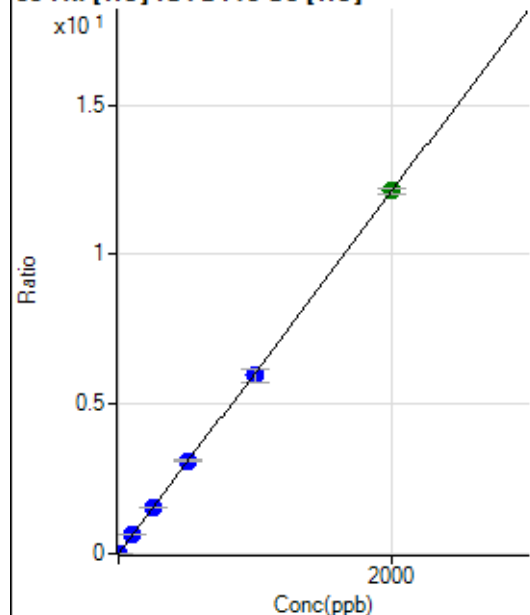
$$R = 0.9999$$

$$DL = 0.02675$$

$$BEC = 0.1644$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.34	0.0002	P	25.5
2	☐	1.000	0.826	2962.57	0.0052	P	6.1
3	☐	100.000	107.171	372392.31	0.6490	P	0.6
4	☐	250.000	257.180	817538.48	1.5572	P	0.1
5	☐	500.000	514.521	1550178.16	3.1153	P	0.5
6	☐	1000.000	983.642	2976809.89	5.9555	P	7.0
7	☐	2000.000	2003.293	5968617.90	12.1287	A	1.3
8	☐			20457.75	0.0396	P	1.8

$$y = 0.0061 * x + 2.0128E-004$$

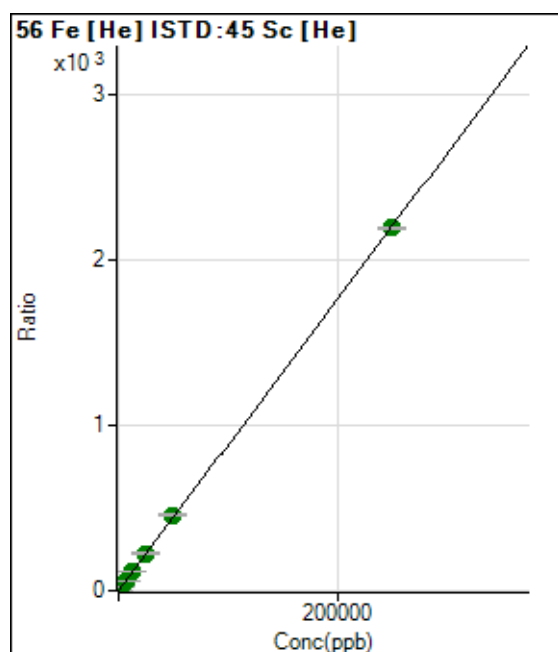
$$R = 0.9999$$

$$DL = 0.0254$$

$$BEC = 0.03325$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3889.53	0.0069	P	1.1
2	☐	50.000	40.755	208373.84	0.3658	P	7.9
3	☐	2500.000	2782.029	14060819.76	24.5074	A	0.3
4	☐	6250.000	6705.675	31007039.12	59.0617	A	0.2
5	☐	12500.000	13431.890	58865100.85	118.2975	A	0.9
6	☐	25000.000	25643.868	112893426.60	225.8447	A	6.9
7	☐	50000.000	52123.017	225911303.20	459.0385	A	0.8
8	☐	250000.00	249450.20	1135902032.8	2,196.839	A	0.6

$$y = 0.0088 * x + 0.0069$$

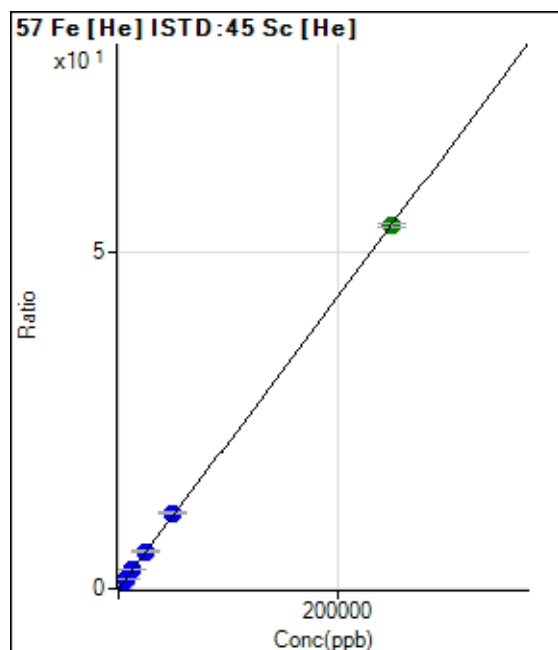
$$R = 1.0000$$

$$DL = 0.0254$$

$$BEC = 0.7846$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0002	P	8.9
2	☐	50.000	42.736	5393.75	0.0095	P	12.8
3	☐	2500.000	2791.946	347221.43	0.6052	P	0.1
4	☐	6250.000	6707.023	763132.62	1.4536	P	0.6
5	☐	12500.000	13424.636	1447630.41	2.9092	P	0.7
6	☐	25000.000	25673.538	2781354.87	5.5635	P	6.7
7	☐	50000.000	52112.104	5557257.13	11.2925	P	1.1
8	☐	250000.00	249449.65	27948844.14	54.0539	A	1.0

$$y = 2.1669E-004 * x + 2.0733E-004$$

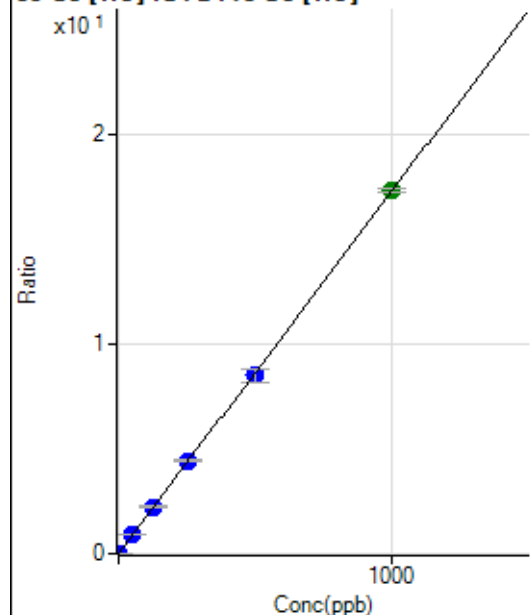
$$R = 1.0000$$

$$DL = 0.2544$$

$$BEC = 0.9568$$

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	120.00	0.0002	P	18.9
2	☐	1.000	0.794	7950.09	0.0140	P	4.5
3	☐	50.000	54.261	539214.29	0.9398	P	0.2
4	☐	125.000	130.057	1182485.98	2.2524	P	0.3
5	☐	250.000	256.636	2211482.21	4.4443	P	0.8
6	☐	500.000	491.448	4254194.83	8.5105	P	6.9
7	☐	1000.000	1001.772	8536890.01	17.3476	A	1.2
8	☐			103813.86	0.2008	P	1.4

$$y = 0.0173 * x + 2.1301E-004$$

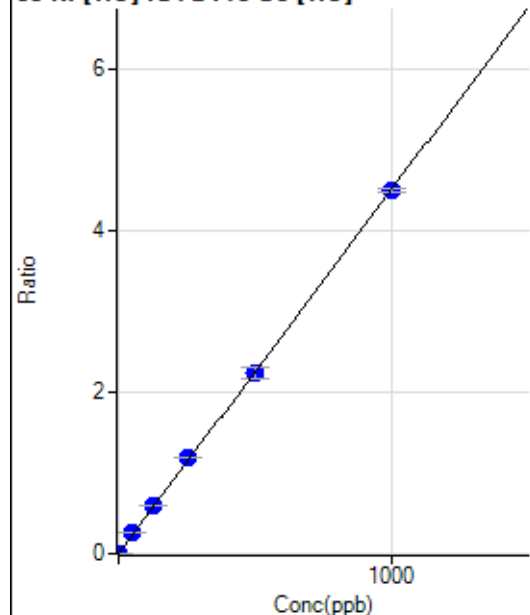
$$R = 0.9999$$

$$DL = 0.006965$$

$$BEC = 0.0123$$

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	240.01	0.0004	P	27.9
2	☐	1.000	0.828	2368.02	0.0042	P	8.2
3	☐	50.000	56.198	145488.41	0.2536	P	0.8
4	☐	125.000	133.674	316367.48	0.6026	P	0.3
5	☐	250.000	262.108	587767.33	1.1812	P	0.4
6	☐	500.000	498.253	1122395.63	2.2450	P	6.6
7	☐	1000.000	996.452	2209305.39	4.4893	P	1.0
8	☐			61230.68	0.1184	P	0.9

$$y = 0.0045 * x + 4.2650E-004$$

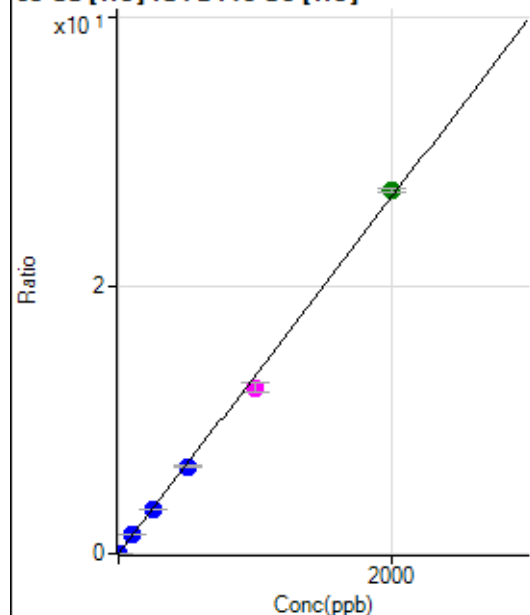
$$R = 0.9999$$

$$DL = 0.07923$$

$$BEC = 0.09467$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1602.34	0.0028	P	4.4
2	☐	2.000	1.530	13201.73	0.0232	P	5.3
3	☐	100.000	104.341	797262.63	1.3896	P	0.2
4	☐	250.000	249.082	1739440.82	3.3133	P	0.5
5	☐	500.000	490.443	3244896.83	6.5211	P	0.7
6	☐	1000.000	933.024	6200221.29	12.4032	M	6.9
7	☐	2000.000	2035.776	13316414.52	27.0594	A	1.1
8	☐			19410.83	0.0375	P	2.4

$$y = 0.0133 * x + 0.0028$$

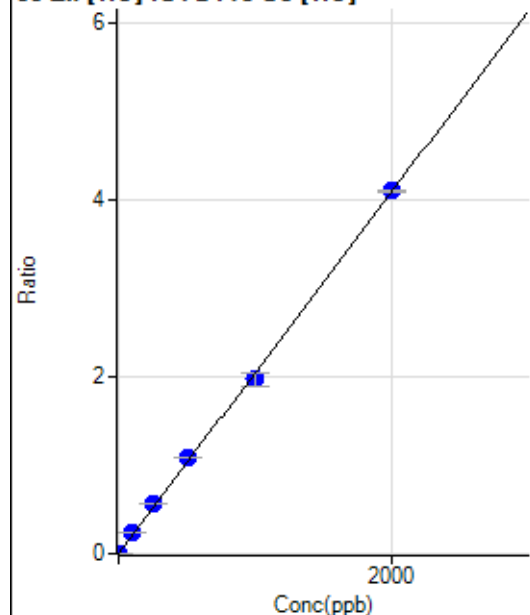
$$R = 0.9991$$

$$DL = 0.02796$$

$$BEC = 0.2142$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	691.14	0.0012	P	0.5
2	☐	2.000	1.822	2816.98	0.0049	P	2.5
3	☐	100.000	115.955	136474.95	0.2379	P	0.6
4	☐	250.000	275.020	295299.48	0.5625	P	0.3
5	☐	500.000	530.418	539246.36	1.0837	P	0.7
6	☐	1000.000	963.366	983399.11	1.9672	P	6.9
7	☐	2000.000	2006.787	2016123.23	4.0966	P	0.8
8	☐			17922.33	0.0347	P	1.7

$$y = 0.0020 * x + 0.0012$$

$$R = 0.9996$$

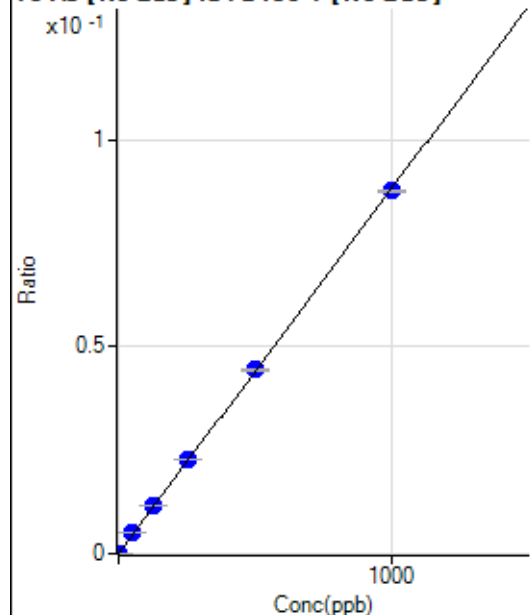
$$DL = 0.008798$$

$$BEC = 0.6016$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-702.00	0.0000	P	-1.4
2	☐	1.000	0.792	2370.55	0.0001	P	16.8
3	☐	50.000	56.814	230359.15	0.0050	P	1.6
4	☐	125.000	133.803	529287.51	0.0118	P	0.9
5	☐	250.000	258.477	932402.57	0.0228	P	0.4
6	☐	500.000	504.016	1733970.37	0.0444	P	0.8
7	☐	1000.000	994.432	3421536.47	0.0876	P	0.3
8	☐			4121.19	0.0001	P	4.8

$$y = 8.8141\text{E-}005 * x - 1.6346\text{E-}005$$

$$R = 0.9999$$

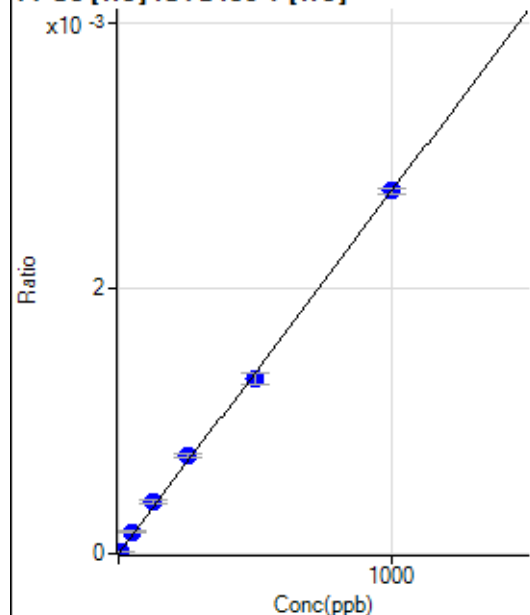
$$DL = 0.007964$$

$$BEC = -0.1855$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.268	73.33	0.0000	P	28.9
3	☐	50.000	60.839	1048.95	0.0002	P	2.4
4	☐	125.000	142.045	2266.88	0.0004	P	5.6
5	☐	250.000	268.143	4085.09	0.0007	P	3.9
6	☐	500.000	483.867	7427.58	0.0013	P	6.5
7	☐	1000.000	1000.862	14854.48	0.0027	P	1.3
8	☐			6.67	0.0000	P	0.2

$$y = 2.7329\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

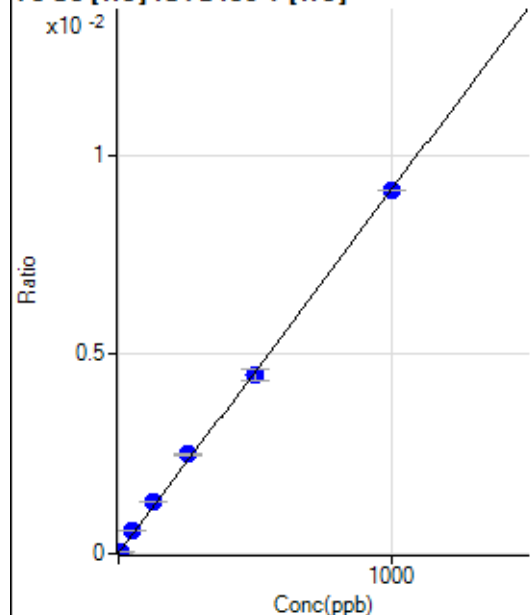
$$DL = 0$$

$$BEC = 0$$

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	45.06	0.0000	P	22.7
2	☐	5.000	4.598	311.73	0.0000	P	7.9
3	☐	50.000	60.786	3545.53	0.0006	P	0.4
4	☐	125.000	143.413	7685.43	0.0013	P	0.9
5	☐	250.000	273.588	13948.76	0.0025	P	2.0
6	☐	500.000	488.935	25085.93	0.0045	P	6.7
7	☐	1000.000	996.796	49409.11	0.0091	P	0.1
8	☐			59.88	0.0000	P	29.1

$$y = 9.1198\text{E-}006 * x + 7.5765\text{E-}006$$

$$R = 0.9995$$

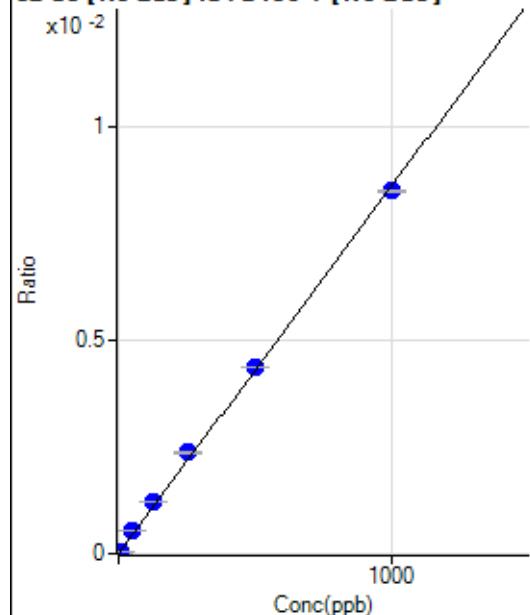
$$DL = 0.5657$$

$$BEC = 0.8308$$

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	-22.52	0.0000	P	-97.
2	☐	5.000	5.368	2025.53	0.0000	P	1.8
3	☐	50.000	60.606	24082.17	0.0005	P	0.6
4	☐	125.000	143.109	55397.05	0.0012	P	0.3
5	☐	250.000	275.241	97118.55	0.0024	P	0.6
6	☐	500.000	506.602	170441.91	0.0044	P	0.1
7	☐	1000.000	987.593	332258.65	0.0085	P	0.5
8	☐			158.85	0.0000	P	7.8

$$y = 8.6175\text{E-}006 * x - 5.2656\text{E-}007$$

$$R = 0.9995$$

$$DL = 0.1792$$

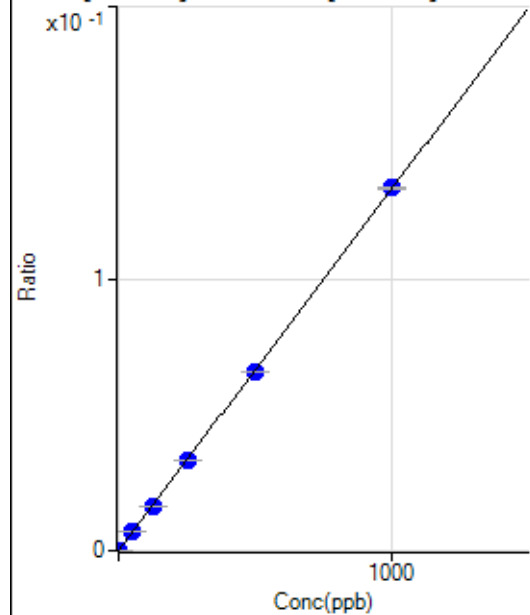
$$BEC = -0.0611$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			501.13		P	8.1
2	☐			505.57		P	8.3
3	☐			485.57		P	10.7
4	☐			473.35		P	2.8
5	☐			432.24		P	6.6
6	☐			410.01		P	7.8
7	☐			422.23		P	7.2
8	☐			422.24		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	772.28	0.0000	P	13.2
2	☐	1.000	0.944	6357.26	0.0001	P	3.9
3	☐	50.000	52.083	320435.61	0.0069	P	0.5
4	☐	125.000	122.972	735563.93	0.0164	P	0.4
5	☐	250.000	247.884	1350485.09	0.0330	P	0.5
6	☐	500.000	494.209	2566304.61	0.0657	P	0.3
7	☐	1000.000	1003.574	5210245.43	0.1334	P	0.4
8	☐			21205.32	0.0006	P	5.3

$$y = 1.3295E-004 * x + 1.7994E-005$$

$$R = 1.0000$$

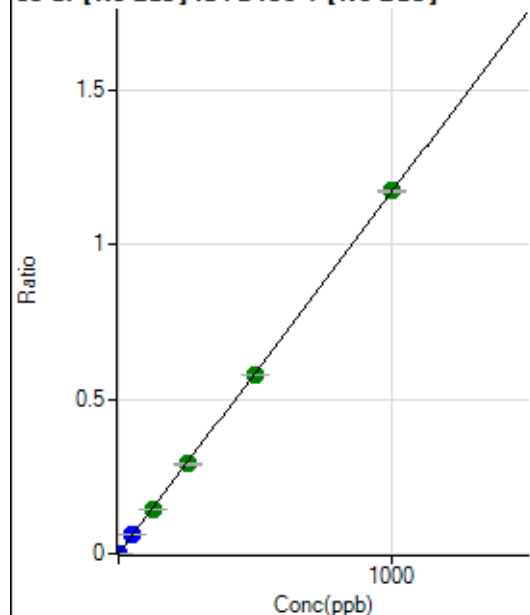
$$DL = 0.05351$$

$$BEC = 0.1353$$

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	147.23	0.0000	P	41.1
2	☐	1.000	0.910	47348.43	0.0011	P	1.2
3	☐	50.000	51.943	2807483.79	0.0608	P	0.2
4	☐	125.000	123.176	6482049.62	0.1442	A	0.4
5	☐	250.000	247.440	11866570.06	0.2897	A	0.4
6	☐	500.000	494.422	22605933.14	0.5790	A	0.1
7	☐	1000.000	1003.560	45880722.55	1.1751	A	0.5
8	☐			183397.16	0.0048	P	3.2

$$y = 0.0012 * x + 3.4405E-006$$

$$R = 1.0000$$

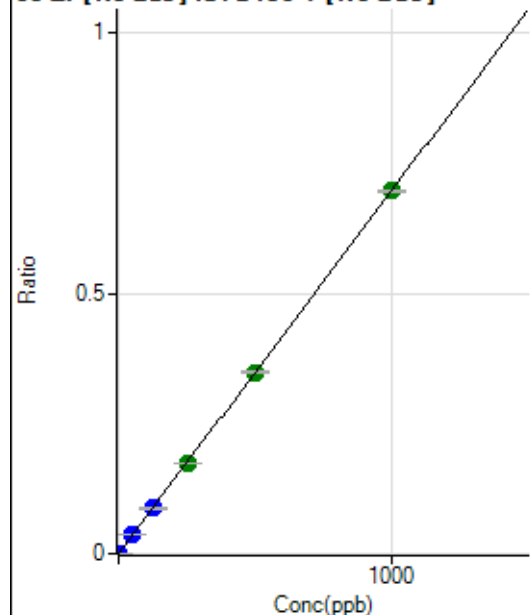
$$DL = 0.003621$$

$$BEC = 0.002938$$

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	2330.85	0.0001	P	7.8
2	☐	1.000	0.821	27750.00	0.0006	P	2.7
3	☐	50.000	52.575	1693203.60	0.0367	P	0.3
4	☐	125.000	124.676	3906047.44	0.0869	P	0.6
5	☐	250.000	250.168	7140556.85	0.1744	A	0.4
6	☐	500.000	499.890	13601323.22	0.3483	A	0.5
7	☐	1000.000	999.925	27202638.45	0.6967	A	0.5
8	☐			7621.79	0.0002	P	3.6

$$y = 6.9672E-004 * x + 5.4242E-005$$

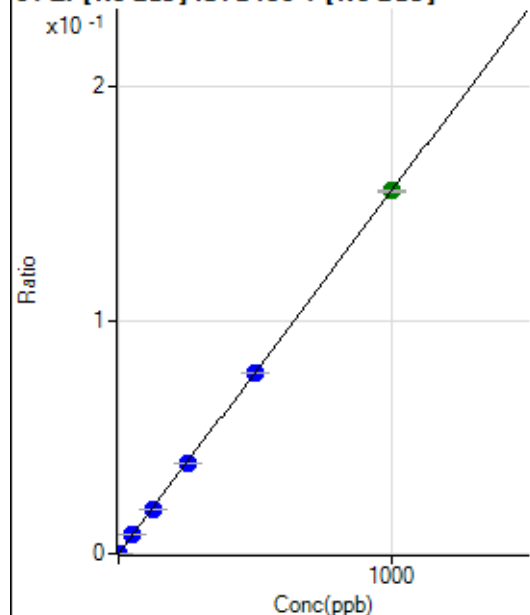
$$R = 1.0000$$

$$DL = 0.01816$$

$$BEC = 0.07785$$

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	372.24	0.0000	P	16.6
2	☐	1.000	0.839	6162.68	0.0001	P	2.0
3	☐	50.000	52.194	375111.58	0.0081	P	0.4
4	☐	125.000	123.661	864762.68	0.0192	P	0.2
5	☐	250.000	249.073	1586979.51	0.0387	P	0.5
6	☐	500.000	499.999	3036965.04	0.0778	P	0.3
7	☐	1000.000	1000.290	6074934.03	0.1556	A	0.5
8	☐			1605.72	0.0000	P	7.1

$$y = 1.5554\text{E-}004 * x + 8.6640\text{E-}006$$

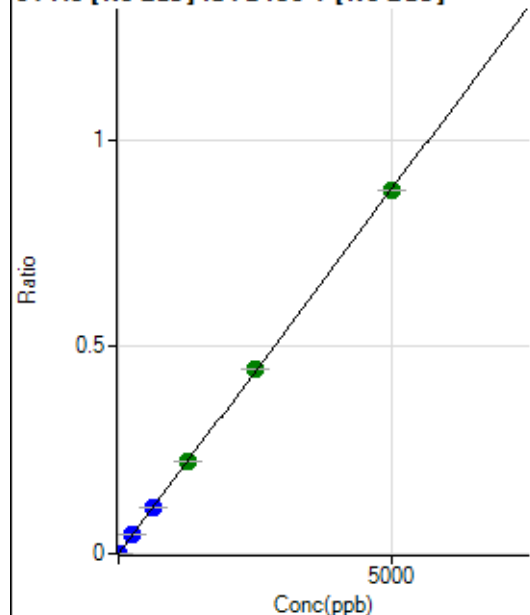
$$R = 1.0000$$

$$DL = 0.02781$$

$$BEC = 0.0557$$

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	783.39	0.0000	P	20.6
2	☐	5.000	4.480	35720.62	0.0008	P	0.9
3	☐	250.000	267.960	2176352.76	0.0472	P	0.3
4	☐	625.000	635.084	5021006.27	0.1117	P	0.4
5	☐	1250.000	1267.698	9133227.11	0.2230	A	0.6
6	☐	2500.000	2529.810	17376145.70	0.4450	A	0.3
7	☐	5000.000	4978.513	34192170.56	0.8757	A	0.1
8	☐			27605.39	0.0007	P	6.8

$$y = 1.7590\text{E-}004 * x + 1.8263\text{E-}005$$

$$R = 1.0000$$

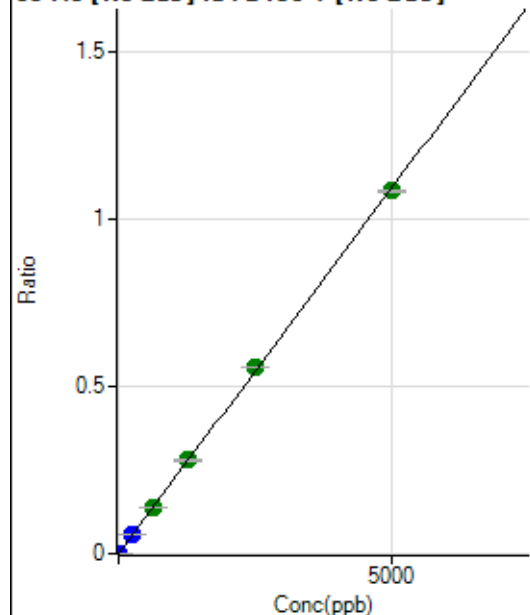
$$DL = 0.06406$$

$$BEC = 0.1038$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	23.6
2	☐	5.000	4.683	45392.89	0.0010	P	2.8
3	☐	250.000	269.384	2715151.67	0.0588	P	0.1
4	☐	625.000	634.264	6224162.51	0.1385	A	0.4
5	☐	1250.000	1277.738	11426913.54	0.2790	A	0.6
6	☐	2500.000	2551.194	21752265.42	0.5571	A	0.6
7	☐	5000.000	4965.342	42333067.96	1.0843	A	0.4
8	☐			43052.19	0.0011	P	7.2

$$y = 2.1836\text{E-}004 * x + 2.0694\text{E-}006$$

$$R = 0.9999$$

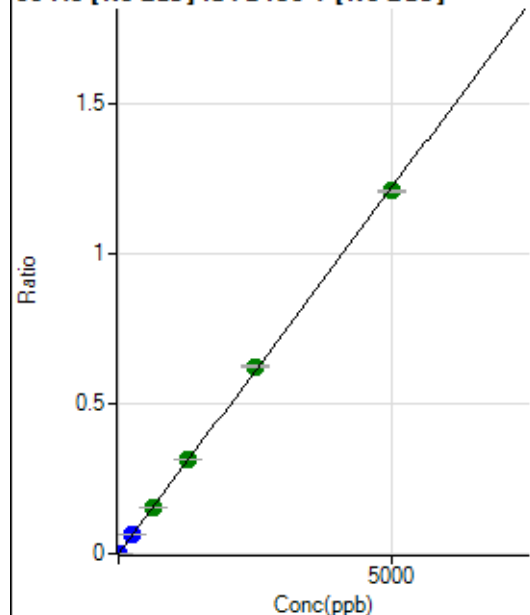
$$DL = 0.006713$$

$$BEC = 0.009477$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	36.7
2	☐	5.000	4.538	49272.41	0.0011	P	1.7
3	☐	250.000	267.135	3010943.84	0.0652	P	0.4
4	☐	625.000	636.113	6980745.38	0.1553	A	0.1
5	☐	1250.000	1283.949	12840549.42	0.3135	A	0.7
6	☐	2500.000	2561.466	24422814.09	0.6255	A	0.2
7	☐	5000.000	4958.534	47274593.07	1.2108	A	0.2
8	☐			47599.87	0.0012	P	8.4

$$y = 2.4419\text{E-}004 * x + 4.4051\text{E-}006$$

$$R = 0.9999$$

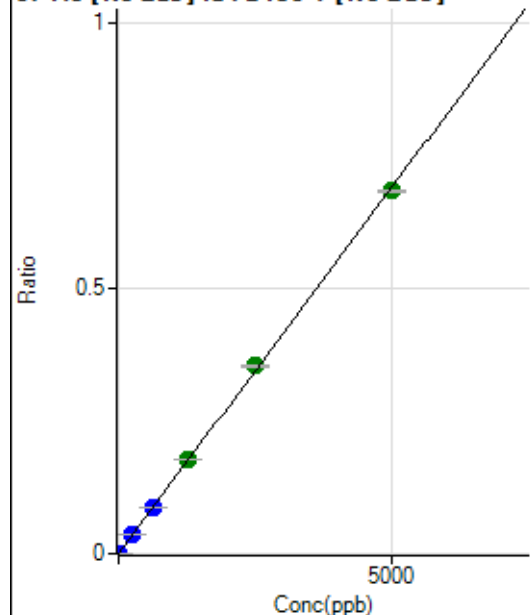
$$DL = 0.01985$$

$$BEC = 0.01804$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.44	0.0000	P	49.3
2	☐	5.000	4.664	28545.94	0.0006	P	3.5
3	☐	250.000	267.458	1701794.92	0.0369	P	0.9
4	☐	625.000	635.814	3938982.94	0.0877	P	0.3
5	☐	1250.000	1279.210	7222295.21	0.1763	A	0.4
6	☐	2500.000	2565.353	13808628.78	0.3536	A	0.4
7	☐	5000.000	4957.797	26684718.65	0.6835	A	0.3
8	☐			26481.08	0.0007	P	8.8

$$y = 1.3785E-004 * x + 1.6237E-006$$

$$R = 0.9999$$

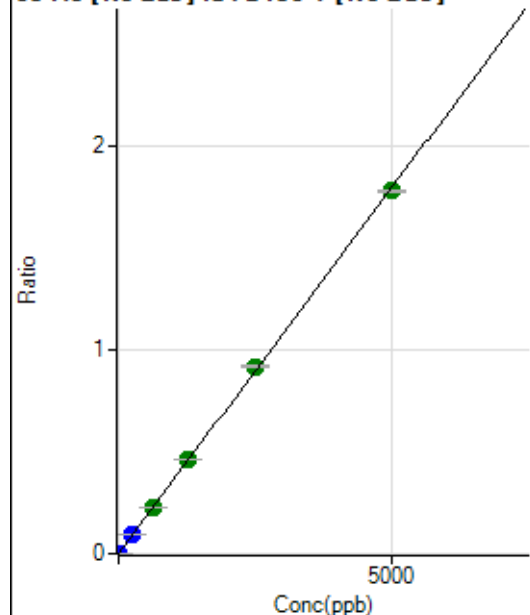
$$DL = 0.01741$$

$$BEC = 0.01178$$

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	116.67	0.0000	P	31.8
2	☐	5.000	4.611	73222.11	0.0017	P	1.1
3	☐	250.000	266.177	4397475.14	0.0953	P	0.8
4	☐	625.000	636.196	10233738.85	0.2277	A	0.4
5	☐	1250.000	1278.514	18742570.38	0.4576	A	0.4
6	☐	2500.000	2558.840	35763112.61	0.9159	A	0.7
7	☐	5000.000	4961.244	69334904.33	1.7758	A	0.4
8	☐			68325.50	0.0018	P	7.6

$$y = 3.5794E-004 * x + 2.7197E-006$$

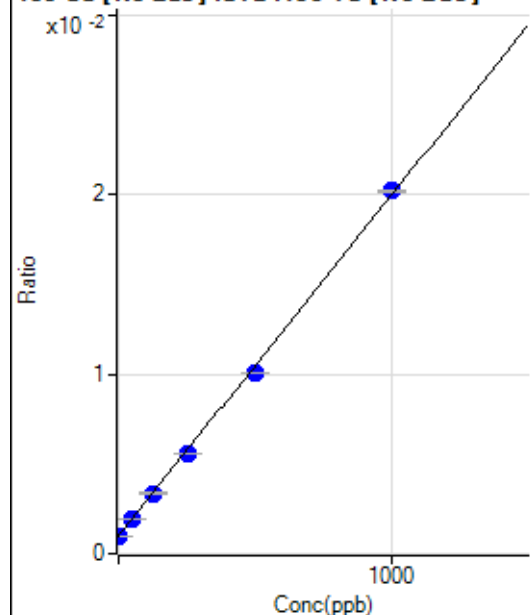
$$R = 0.9999$$

$$DL = 0.007243$$

$$BEC = 0.007598$$

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	32003.75	0.0010	P	2.3
2	☐	1.000	-2.652	31967.48	0.0009	P	1.0
3	☐	50.000	50.789	69981.55	0.0020	P	1.1
4	☐	125.000	124.473	118781.64	0.0034	P	1.3
5	☐	250.000	241.366	186455.52	0.0056	P	1.4
6	☐	500.000	479.873	322233.60	0.0101	P	0.2
7	☐	1000.000	1012.252	644120.20	0.0202	P	0.2
8	☐			24700.11	0.0008	P	1.0

$$y = 1.8981\text{E-}005 * x + 9.9771\text{E-}004$$

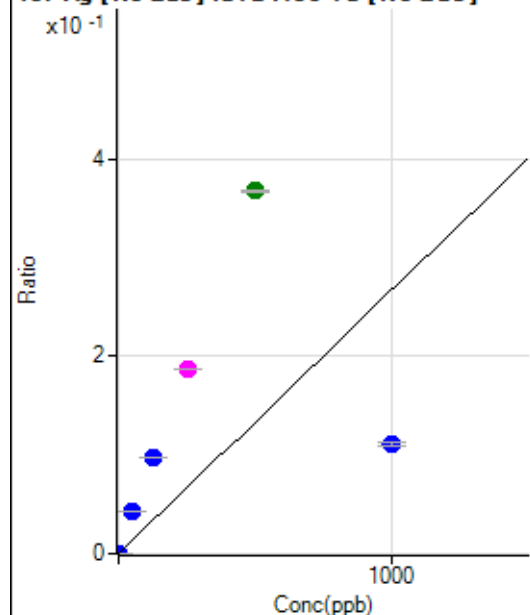
$$R = 0.9997$$

$$DL = 3.623$$

$$BEC = 52.56$$

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	480.59	0.0000	P	3.9
2	☐	1.000	2.270	20988.41	0.0006	P	1.6
3	☐	50.000	158.863	1515742.64	0.0425	P	0.8
4	☐	125.000	367.157	3470644.91	0.0982	P	0.3
5	☐	250.000	701.310	6267128.87	0.1875	M	0.4
6	☐	500.000	1375.381	11725242.10	0.3677	A	0.4
7	☐	1000.000	413.768	3526040.22	0.1106	P	3.4
8	☐			3947.94	0.0001	P	3.5

$$y = 2.6736\text{E-}004 * x + 1.4989\text{E-}005$$

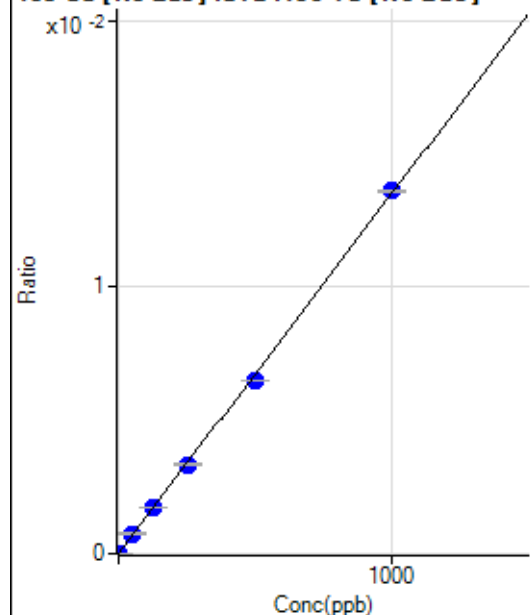
$$R = 0.4701$$

$$DL = 0.006563$$

$$BEC = 0.05606$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	24.4
2	☐	1.000	1.040	548.64	0.0000	P	12.0
3	☐	50.000	55.403	26736.66	0.0007	P	2.2
4	☐	125.000	129.149	61655.87	0.0017	P	0.8
5	☐	250.000	248.086	111898.52	0.0033	P	0.6
6	☐	500.000	482.209	207430.75	0.0065	P	0.4
7	☐	1000.000	1008.585	433571.52	0.0136	P	0.8
8	☐			112.50	0.0000	P	19.0

$$y = 1.3487\text{E-}005 * x + 2.2529\text{E-}006$$

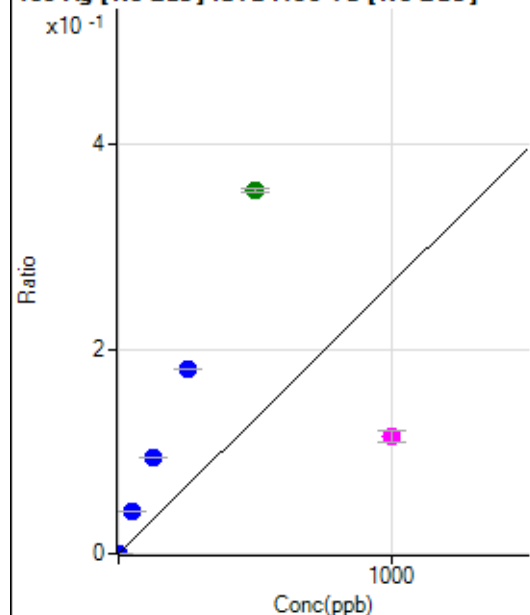
$$R = 0.9997$$

$$DL = 0.1223$$

$$BEC = 0.167$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	16.8
2	☐	1.000	2.207	19822.99	0.0006	P	1.1
3	☐	50.000	154.172	1451093.72	0.0407	P	0.6
4	☐	125.000	355.025	3310966.89	0.0937	P	0.3
5	☐	250.000	684.226	6032629.69	0.1805	P	0.3
6	☐	500.000	1343.178	11297388.79	0.3543	A	1.0
7	☐	1000.000	435.891	3664729.90	0.1150	M	10.5
8	☐			3522.82	0.0001	P	4.6

$$y = 2.6379\text{E-}004 * x + 5.2890\text{E-}006$$

$$R = 0.4930$$

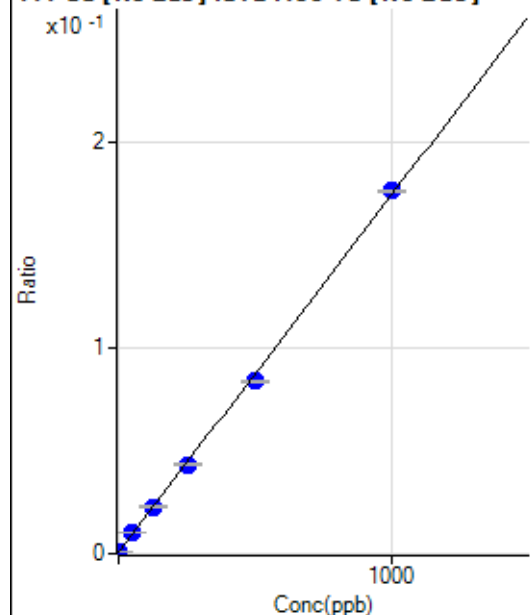
$$DL = 0.01008$$

$$BEC = 0.02005$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22410.40	0.0007	P	2.4
2	☐	1.000	0.673	27508.28	0.0008	P	1.1
3	☐	50.000	54.770	363403.14	0.0102	P	0.2
4	☐	125.000	127.834	807513.01	0.0228	P	1.0
5	☐	250.000	246.039	1447852.78	0.0433	P	0.2
6	☐	500.000	477.773	2661228.27	0.0835	P	0.6
7	☐	1000.000	1011.511	5606713.92	0.1759	P	0.5
8	☐			17775.24	0.0006	P	0.8

$$y = 1.7323\text{E-}004 * x + 6.9863\text{E-}004$$

$$R = 0.9996$$

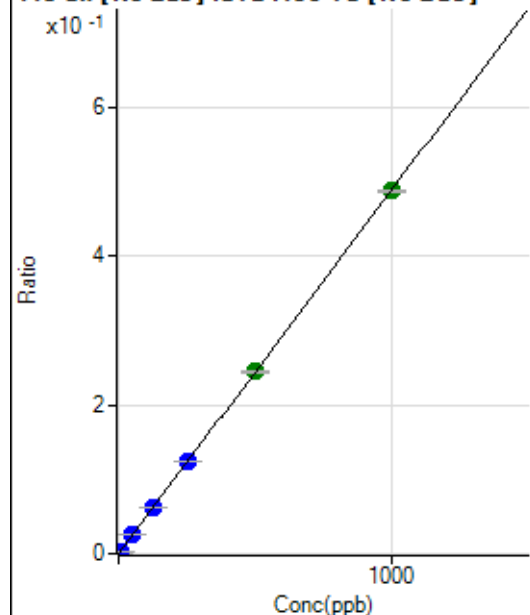
$$DL = 0.2854$$

$$BEC = 4.033$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2222.50	0.0001	P	2.5
2	☐	5.000	5.062	85759.28	0.0025	P	0.9
3	☐	50.000	54.615	954029.65	0.0267	P	1.1
4	☐	125.000	128.640	2223299.01	0.0629	P	0.5
5	☐	250.000	252.289	4120233.25	0.1233	P	0.5
6	☐	500.000	501.021	7803811.28	0.2448	A	0.7
7	☐	1000.000	998.231	15539021.35	0.4876	A	0.4
8	☐			7249.43	0.0002	P	2.8

$$y = 4.8837\text{E-}004 * x + 6.9283\text{E-}005$$

$$R = 1.0000$$

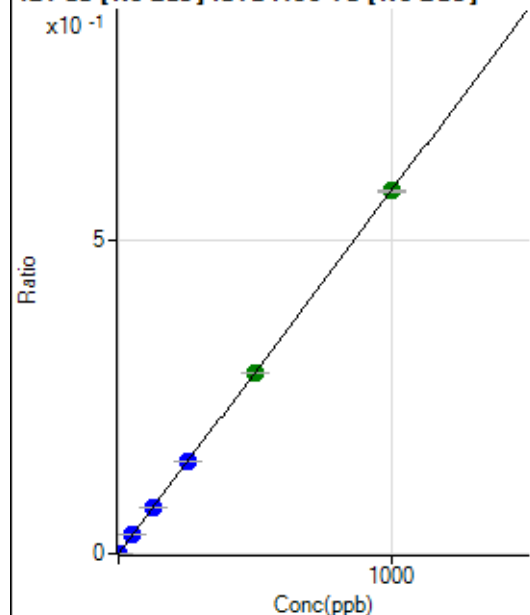
$$DL = 0.01069$$

$$BEC = 0.1419$$

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	316.68	0.0000	P	14.3
2	☐	2.000	1.841	36261.72	0.0011	P	2.8
3	☐	50.000	54.174	1118011.68	0.0313	P	0.5
4	☐	125.000	128.532	2627994.72	0.0743	P	0.6
5	☐	250.000	253.342	4896979.62	0.1465	P	0.6
6	☐	500.000	498.696	9195820.17	0.2884	A	0.7
7	☐	1000.000	999.167	18415585.66	0.5778	A	0.7
8	☐			27179.94	0.0009	P	2.7

$$y = 5.7831\text{E-}004 * x + 9.8795\text{E-}006$$

$$R = 1.0000$$

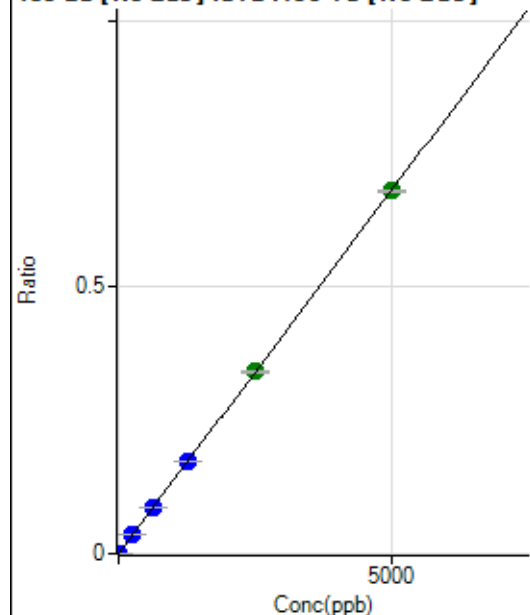
$$DL = 0.007317$$

$$BEC = 0.01708$$

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	113.90	0.0000	P	16.3
2	☐	10.000	9.731	44865.18	0.0013	P	0.8
3	☐	250.000	270.727	1316155.36	0.0369	P	0.5
4	☐	625.000	635.520	3061388.02	0.0866	P	0.6
5	☐	1250.000	1264.037	5756632.38	0.1722	P	0.5
6	☐	2500.000	2501.468	10867974.29	0.3409	A	0.5
7	☐	5000.000	4993.406	21684445.62	0.6804	A	0.6
8	☐			1936.33	0.0001	P	8.2

$$y = 1.3626\text{E-}004 * x + 3.5485\text{E-}006$$

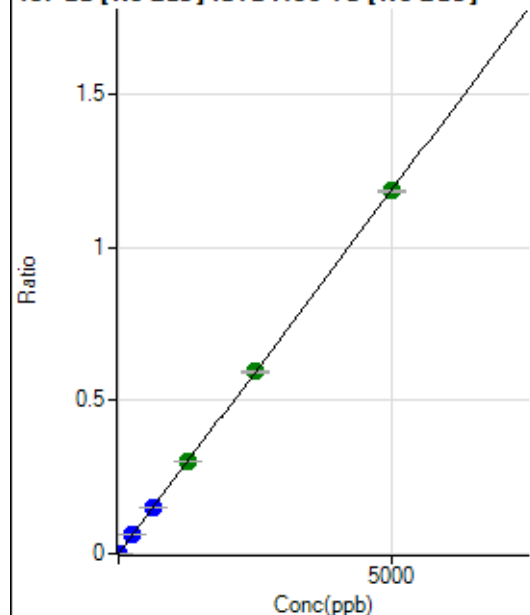
$$R = 1.0000$$

$$DL = 0.01271$$

$$BEC = 0.02604$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	71.1
2	☐	10.000	9.825	78611.90	0.0023	P	1.4
3	☐	250.000	273.094	2308953.63	0.0647	P	0.1
4	☐	625.000	643.720	5392881.20	0.1526	P	1.3
5	☐	1250.000	1259.163	9973407.95	0.2984	A	0.2
6	☐	2500.000	2503.280	18915558.58	0.5933	A	0.7
7	☐	5000.000	4992.575	37708401.19	1.1832	A	0.7
8	☐			3345.00	0.0001	P	6.5

$$y = 2.3699E-004 * x + 1.3835E-006$$

$$R = 1.0000$$

$$DL = 0.01245$$

$$BEC = 0.005838$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	34.6
2	☐			17.78		P	78.1
3	☐			155.56		P	17.8
4	☐			266.68		P	13.2
5	☐			495.59		P	20.7
6	☐			1002.30		P	2.1
7	☐			1657.95		P	6.9
8	☐			213.35		P	36.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	90.2
2	☐			8.89		P	21.6
3	☐			18.89		P	51.0
4	☐			20.00		P	33.4
5	☐			42.22		P	31.9
6	☐			125.56		P	22.9
7	☐			142.23		P	12.9
8	☐			86.67		P	37.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	32.7
2	☐			52.78		P	24.1
3	☐			52.78		P	48.2
4	☐			88.90		P	10.8
5	☐			125.01		P	30.6
6	☐			300.02		P	9.6
7	☐			402.80		P	13.8
8	☐			102.78		P	24.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	54.5
2	☐			33.33		P	60.8
3	☐			47.78		P	10.7
4	☐			70.00		P	16.5
5	☐			98.89		P	17.3
6	☐			216.67		P	14.1
7	☐			341.12		P	20.9
8	☐			61.11		P	8.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			452.81		P	26.1
2	☐			336.13		P	14.1
3	☐			383.36		P	29.9
4	☐			383.36		P	19.9
5	☐			288.91		P	31.9
6	☐			286.13		P	19.0
7	☐			352.80		P	15.2
8	☐			341.69		P	14.6

160 Gd [He] No available calibration points

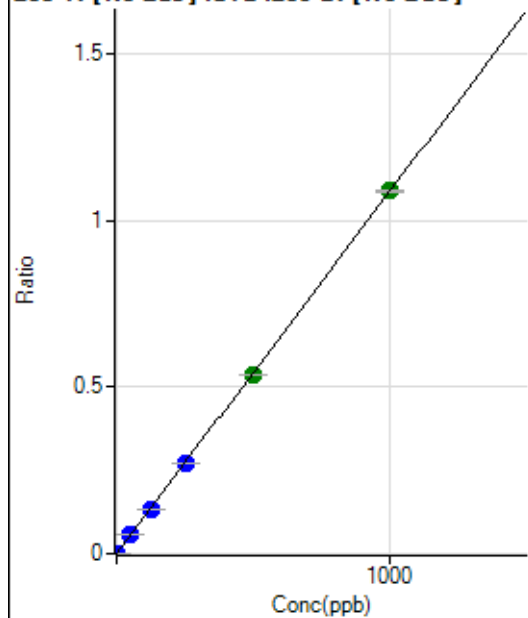
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			511.13		P	11.8
2	☐			465.57		P	9.9
3	☐			498.91		P	7.0
4	☐			420.02		P	8.1
5	☐			426.68		P	6.9
6	☐			526.69		P	7.8
7	☐			423.35		P	13.7
8	☐			447.79		P	3.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			166.67		P	13.2
2	☐			158.34		P	19.0
3	☐			141.67		P	41.2
4	☐			111.12		P	22.9
5	☐			163.90		P	30.7
6	☐			202.79		P	29.2
7	☐			147.23		P	21.4
8	☐			155.56		P	24.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			97.78		P	5.2
2	☐			106.67		P	16.5
3	☐			108.89		P	36.9
4	☐			86.67		P	31.5
5	☐			86.67		P	20.4
6	☐			127.78		P	10.9
7	☐			115.56		P	22.0
8	☐			113.34		P	19.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	983.42	0.0000	P	11.6
2	☐	1.000	0.904	24275.82	0.0010	P	1.0
3	☐	50.000	51.299	1386968.10	0.0557	P	0.6
4	☐	125.000	121.852	3278212.62	0.1323	P	1.0
5	☐	250.000	249.415	6301622.06	0.2707	P	0.5
6	☐	500.000	495.707	11691306.69	0.5380	A	0.3
7	☐	1000.000	1002.622	23139637.50	1.0880	A	0.8
8	☐			5893.22	0.0003	P	7.9

$$y = 0.0011 * x + 4.3660E-005$$

$$R = 1.0000$$

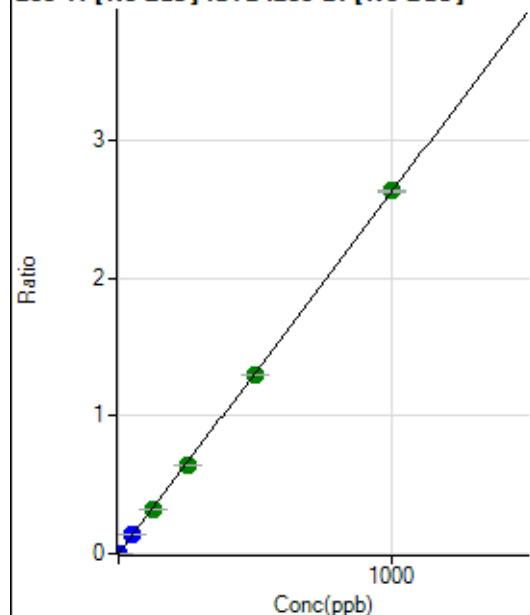
$$DL = 0.01395$$

$$BEC = 0.04023$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1377.91	0.0001	P	4.2
2	☐	1.000	0.879	56172.46	0.0024	P	0.8
3	☐	50.000	51.319	3358887.40	0.1349	P	0.6
4	☐	125.000	121.175	7893571.27	0.3185	A	0.6
5	☐	250.000	245.330	15009373.43	0.6448	A	0.3
6	☐	500.000	496.193	28339014.87	1.3040	A	0.3
7	☐	1000.000	1003.483	56083176.25	2.6371	A	0.8
8	☐			12681.76	0.0007	P	8.3

$$y = 0.0026 * x + 6.1193E-005$$

$$R = 1.0000$$

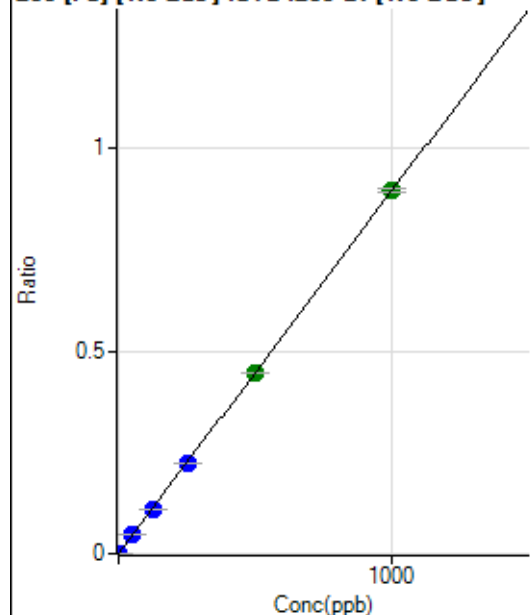
$$DL = 0.002963$$

$$BEC = 0.02329$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1852.04	0.0001	P	6.0
2	☐	1.000	0.900	20993.00	0.0009	P	0.6
3	☐	50.000	51.174	1140172.36	0.0458	P	0.6
4	☐	125.000	121.598	2694334.96	0.1087	P	0.5
5	☐	250.000	247.316	5145263.37	0.2210	P	0.4
6	☐	500.000	499.785	9705105.66	0.4466	A	0.5
7	☐	1000.000	1001.145	19022721.49	0.8945	A	0.9
8	☐			9259.01	0.0005	P	4.6

$$y = 8.9337E-004 * x + 8.2276E-005$$

$$R = 1.0000$$

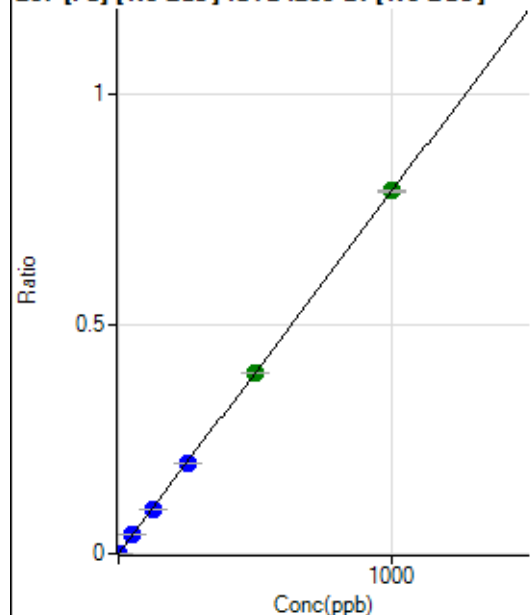
$$DL = 0.01657$$

$$BEC = 0.0921$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1794.62	0.0001	P	5.9
2	☐	1.000	0.888	18494.80	0.0008	P	2.3
3	☐	50.000	51.389	1012159.94	0.0407	P	0.1
4	☐	125.000	122.532	2399804.89	0.0968	P	0.6
5	☐	250.000	248.117	4562462.20	0.1960	P	0.8
6	☐	500.000	498.026	8547814.14	0.3933	A	0.4
7	☐	1000.000	1001.697	16822734.86	0.7910	A	0.7
8	☐			8030.44	0.0004	P	4.2

$$y = 7.8960E-004 * x + 7.9775E-005$$

$$R = 1.0000$$

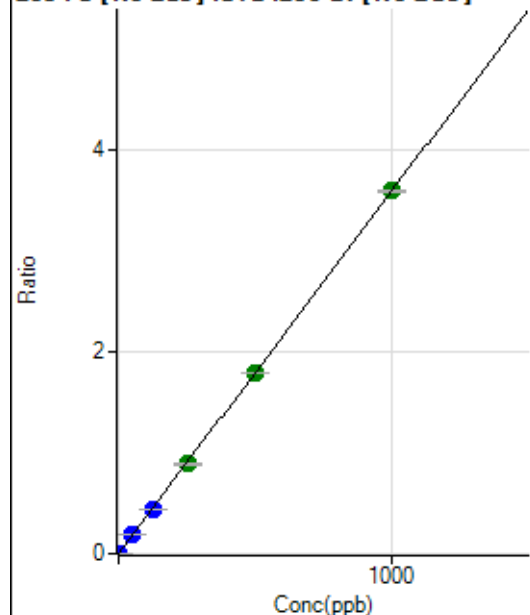
$$DL = 0.01787$$

$$BEC = 0.101$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6684.14	0.0003	P	2.9
2	☐	1.000	0.890	82777.31	0.0035	P	1.3
3	☐	50.000	51.376	4605992.97	0.1850	P	0.4
4	☐	125.000	122.945	10962501.90	0.4423	P	0.7
5	☐	250.000	247.053	20684405.44	0.8885	A	0.6
6	☐	500.000	498.782	38979577.20	1.7936	A	0.2
7	☐	1000.000	1001.534	76587883.65	3.6012	A	0.4
8	☐			36629.92	0.0020	P	3.9

$$y = 0.0036 * x + 2.9703E-004$$

$$R = 1.0000$$

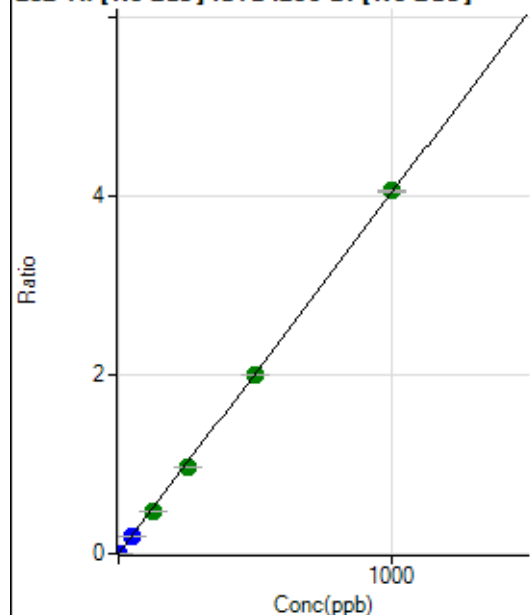
$$DL = 0.007197$$

$$BEC = 0.08262$$

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	4419.40	0.0002	P	5.4
2	☐	1.000	0.778	78854.98	0.0033	P	1.1
3	☐	50.000	48.880	4908513.36	0.1972	P	0.5
4	☐	125.000	117.866	11776455.93	0.4752	A	0.0
5	☐	250.000	240.354	22551650.74	0.9687	A	0.6
6	☐	500.000	494.846	43340205.60	1.9943	A	0.3
7	☐	1000.000	1005.936	86212302.86	4.0538	A	0.7
8	☐			16419.93	0.0009	P	4.1

$$y = 0.0040 * x + 1.9643E-004$$

$$R = 0.9999$$

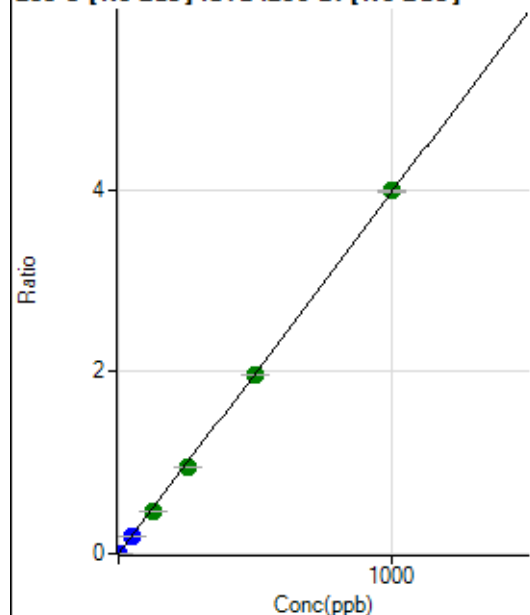
$$DL = 0.007944$$

$$BEC = 0.04875$$

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	4423.19	0.0002	P	7.0
2	☐	1.000	0.827	82272.93	0.0035	P	0.2
3	☐	50.000	49.863	4924747.51	0.1978	P	0.7
4	☐	125.000	119.337	11727138.37	0.4732	A	0.2
5	☐	250.000	240.092	22155679.49	0.9517	A	0.5
6	☐	500.000	496.338	42754454.08	1.9673	A	0.7
7	☐	1000.000	1005.023	84716308.14	3.9834	A	0.5
8	☐			6399.06	0.0003	P	7.5

$$y = 0.0040 * x + 1.9664E-004$$

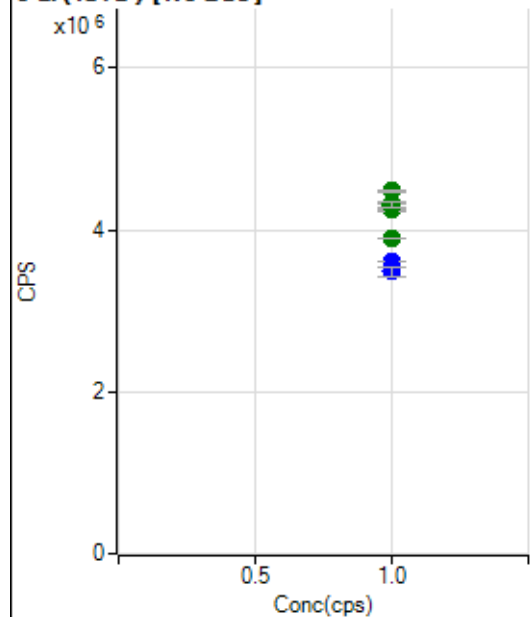
$$R = 0.9999$$

$$DL = 0.01043$$

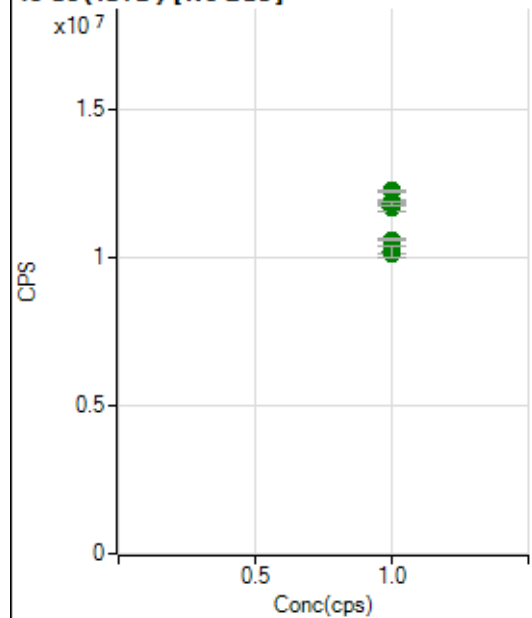
$$BEC = 0.04962$$

Weight: <None>

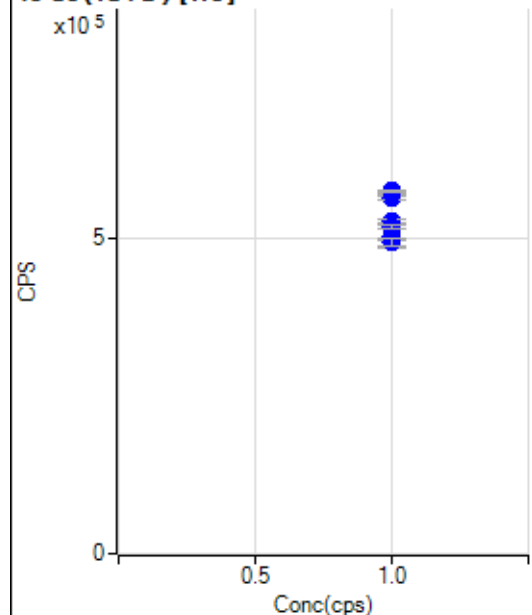
Min Conc: 0

6 Li (ISTD) [No Gas]

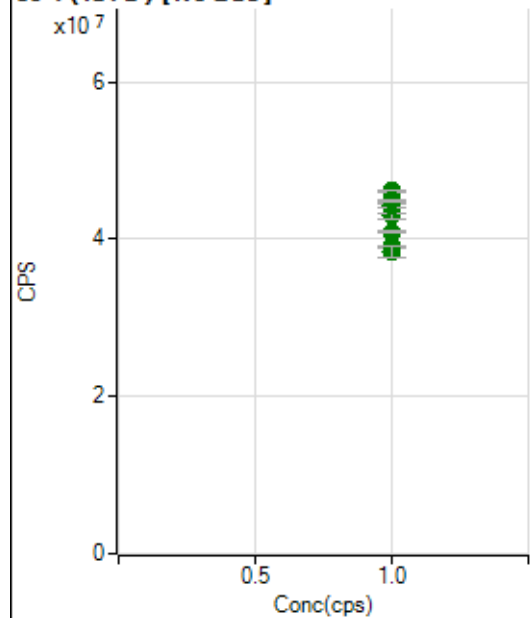
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4241767.78		A	0.9
2	☐	1.000		4301031.88		A	1.0
3	☐	1.000		4480569.88		A	0.5
4	☐	1.000		4311865.52		A	1.6
5	☐	1.000		3890709.34		A	0.3
6	☐	1.000		3609915.34		P	0.2
7	☐	1.000		3544255.75		P	0.0
8	☐	1.000		3479777.56		P	3.6

45 Sc (ISTD) [No Gas]

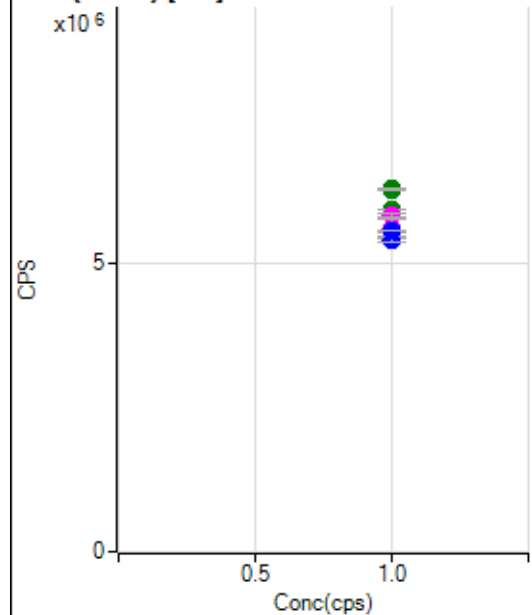
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11686832.90		A	1.3
2	☐	1.000		11899075.18		A	1.3
3	☐	1.000		12272717.64		A	0.4
4	☐	1.000		11854808.86		A	1.2
5	☐	1.000		10609741.47		A	0.6
6	☐	1.000		10127546.15		A	0.1
7	☐	1.000		10147462.12		A	0.6
8	☐	1.000		10219361.17		A	3.4

45 Sc (ISTD) [He]

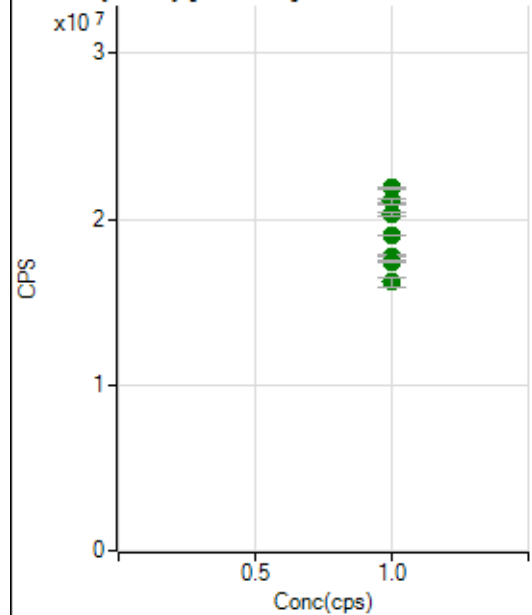
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		562922.24		P	0.7
2	☐	1.000		569413.43		P	0.6
3	☐	1.000		573734.76		P	0.8
4	☐	1.000		524987.41		P	1.2
5	☐	1.000		497610.61		P	0.5
6	☐	1.000		501499.87		P	7.0
7	☐	1.000		492193.59		P	2.1
8	☐	1.000		517081.23		P	1.2

89 Y (ISTD) [No Gas]

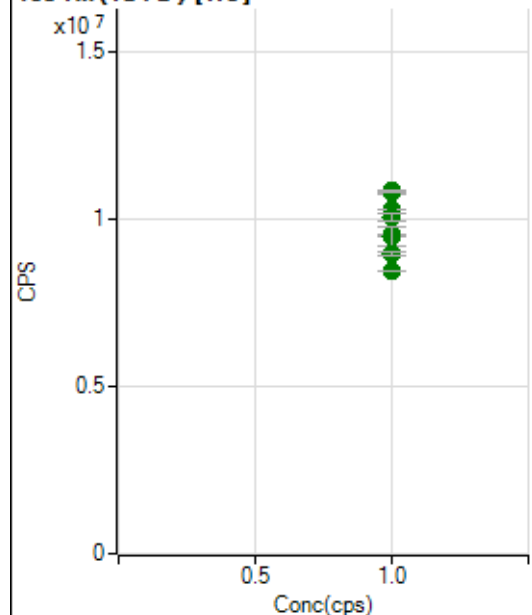
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		42947064.36		A	1.4
2	☐	1.000		44296109.90		A	1.1
3	☐	1.000		46155730.98		A	0.7
4	☐	1.000		44939617.66		A	0.9
5	☐	1.000		40955548.84		A	0.5
6	☐	1.000		39046283.03		A	0.1
7	☐	1.000		39043455.81		A	0.4
8	☐	1.000		38459254.98		A	3.7

89 Y(ISTD) [He]

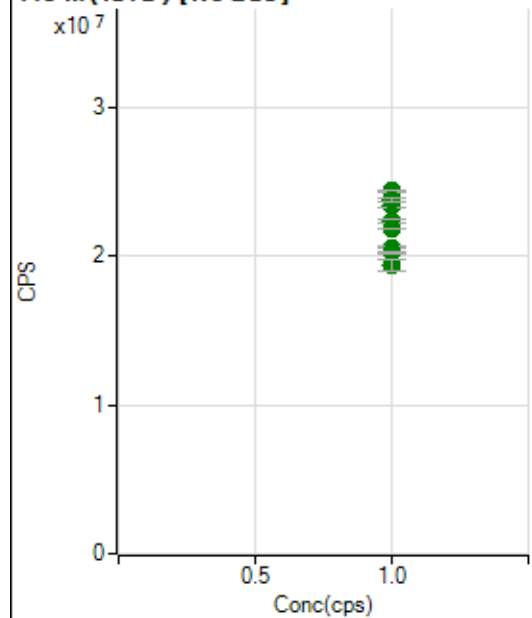
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5948779.01		A	0.4
2	☐	1.000		6294119.97		A	0.7
3	☐	1.000		6309475.53		A	0.7
4	☐	1.000		5841712.55		M	2.0
5	☐	1.000		5573918.11		P	0.5
6	☐	1.000		5632043.18		M	6.3
7	☐	1.000		5430587.59		P	1.4
8	☐	1.000		5586306.24		P	0.2

103 Rh(ISTD) [No Gas]

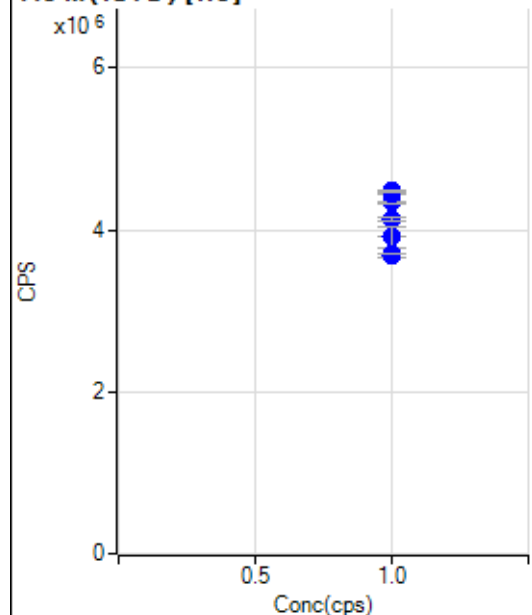
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20322731.53		A	0.9
2	☐	1.000		21116847.52		A	0.9
3	☐	1.000		21883172.88		A	0.5
4	☐	1.000		21079704.29		A	1.4
5	☐	1.000		18999572.47		A	0.2
6	☐	1.000		17798881.47		A	0.1
7	☐	1.000		17424434.24		A	0.4
8	☐	1.000		16230105.57		A	3.6

103 Rh (ISTD) [He]

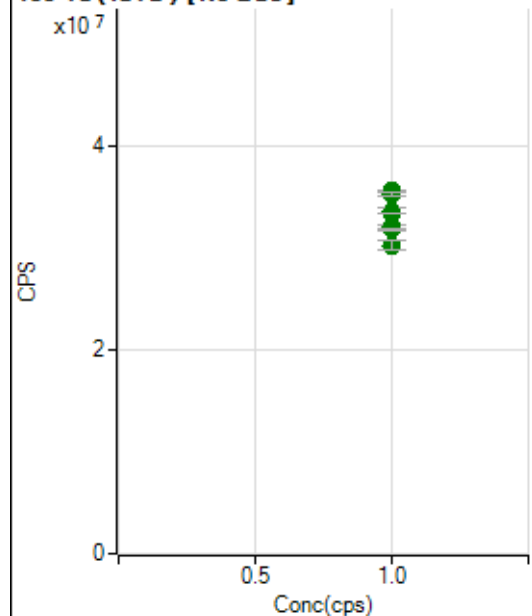
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10274564.64		A	0.4
2	☐	1.000		10779513.17		A	0.2
3	☐	1.000		10836722.62		A	0.8
4	☐	1.000		10055286.38		A	2.3
5	☐	1.000		9509468.75		A	0.4
6	☐	1.000		9472479.72		A	5.8
7	☐	1.000		8955739.94		A	1.5
8	☐	1.000		8448860.71		A	0.5

115 In (ISTD) [No Gas]

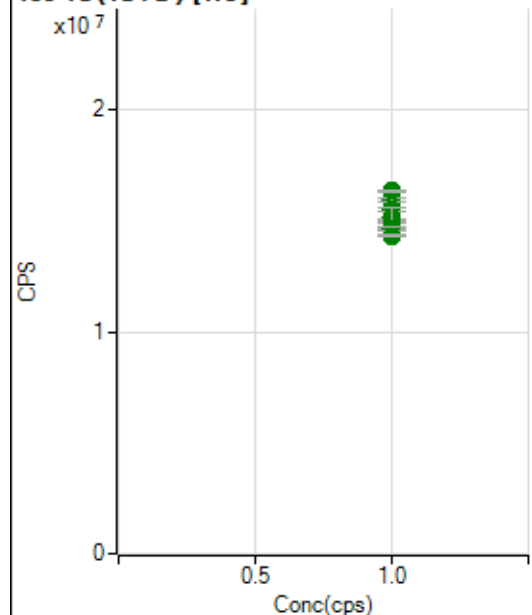
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22356873.27		A	0.8
2	☐	1.000		23417524.39		A	1.3
3	☐	1.000		24366693.46		A	0.7
4	☐	1.000		23753301.37		A	0.7
5	☐	1.000		21839030.07		A	0.1
6	☐	1.000		20594794.69		A	0.7
7	☐	1.000		20247178.94		A	0.4
8	☐	1.000		19372877.68		A	3.6

115 In (ISTD) [He]

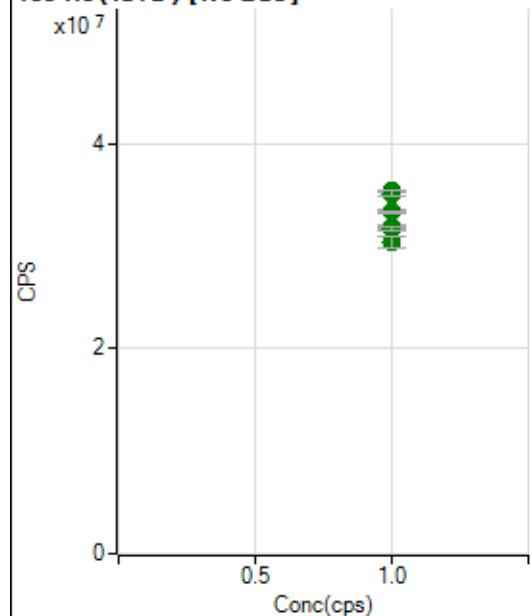
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4343276.94		P	0.6
2	☐	1.000		4445353.46		P	0.4
3	☐	1.000		4482919.40		P	0.5
4	☐	1.000		4140891.59		P	1.4
5	☐	1.000		3920768.72		P	0.2
6	☐	1.000		3912900.40		P	6.6
7	☐	1.000		3693057.59		P	1.2
8	☐	1.000		3704352.15		P	0.3

159 Tb (ISTD) [No Gas]

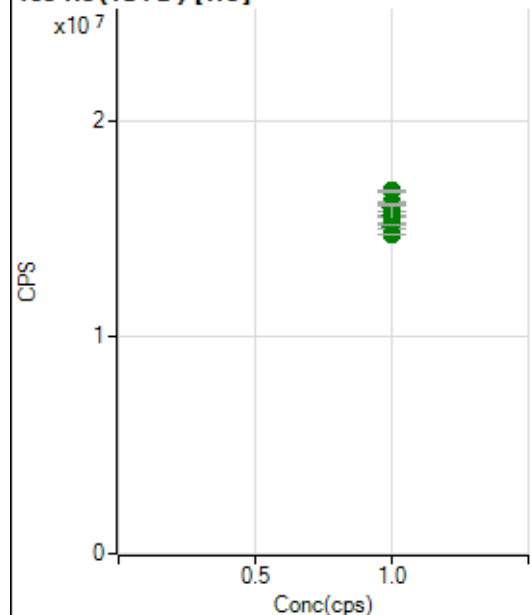
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		32073384.52		A	1.3
2	☐	1.000		33743482.28		A	1.2
3	☐	1.000		35674792.80		A	0.5
4	☐	1.000		35351244.20		A	0.9
5	☐	1.000		33421717.84		A	0.2
6	☐	1.000		31885240.91		A	0.6
7	☐	1.000		31870103.69		A	0.3
8	☐	1.000		30344038.99		A	3.3

159 Tb (ISTD) [He]

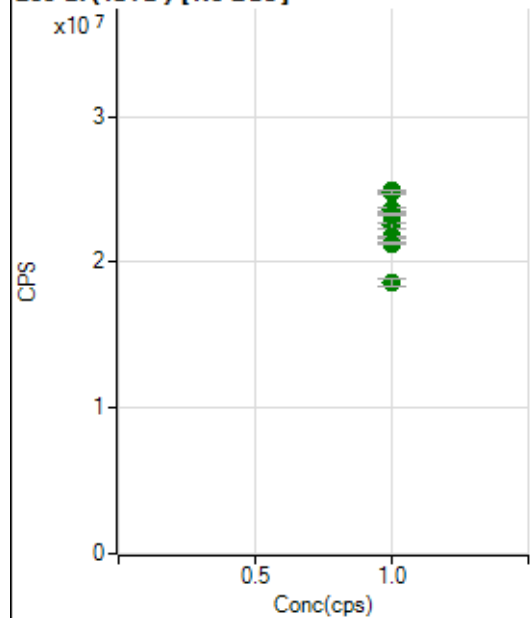
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14971635.19		A	0.4
2	☐	1.000		15964477.40		A	0.8
3	☐	1.000		16359631.01		A	0.7
4	☐	1.000		15502475.19		A	1.3
5	☐	1.000		15036957.42		A	0.2
6	☐	1.000		15162033.66		A	6.2
7	☐	1.000		14629265.75		A	1.0
8	☐	1.000		14339364.09		A	0.5

165 Ho (ISTD) [No Gas]

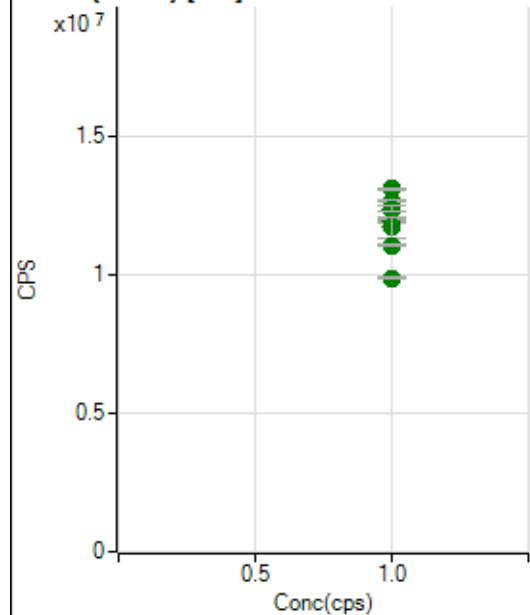
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		31881792.73		A	1.8
2	☐	1.000		33423851.79		A	1.1
3	☐	1.000		35422467.46		A	0.8
4	☐	1.000		35149429.26		A	1.5
5	☐	1.000		33346024.70		A	0.4
6	☐	1.000		31904628.84		A	0.6
7	☐	1.000		31752405.57		A	0.8
8	☐	1.000		30401926.37		A	3.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15279391.44		A	0.4
2	☐	1.000		16275945.59		A	0.3
3	☐	1.000		16764276.69		A	0.6
4	☐	1.000		15956576.29		A	2.0
5	☐	1.000		15571972.27		A	0.7
6	☐	1.000		15668528.38		A	6.5
7	☐	1.000		15109459.36		A	1.0
8	☐	1.000		14759565.34		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22508205.50		A	1.5
2	☐	1.000		23681145.20		A	1.1
3	☐	1.000		24895864.35		A	0.8
4	☐	1.000		24784374.08		A	0.9
5	☐	1.000		23279376.88		A	0.6
6	☐	1.000		21732559.40		A	0.3
7	☐	1.000		21267718.16		A	0.6
8	☐	1.000		18590891.11		A	3.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11898467.60		A	0.5
2	☐	1.000		12643437.31		A	0.7
3	☐	1.000		13078764.80		A	0.7
4	☐	1.000		12364320.09		A	1.6
5	☐	1.000		11904390.52		A	1.0
6	☐	1.000		11698669.55		A	6.3
7	☐	1.000		11051900.95		A	1.0
8	☐	1.000		9875339.30		A	0.5

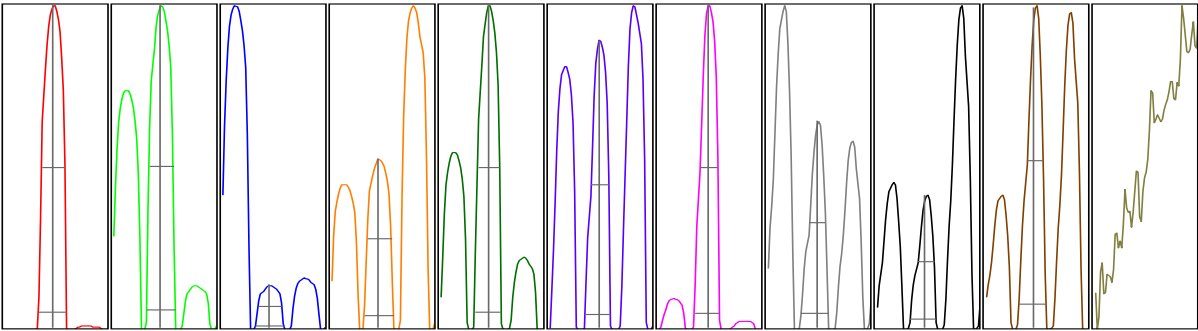
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P709019-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	14848	1.07	5.00	
24	204962	0.93	5.00	
25	27723	1.00	5.00	
26	32905	0.99	5.00	
59	179696	0.84	5.00	
113	28443	2.07	5.00	
115	336772	2.20	5.00	
206	85068	0.84	5.00	
207	78098	0.73	5.00	
208	185881	1.09	5.00	
220	187	8.83		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	14798	14926	14886	15027	14604
24	204701	205945	205511	206828	201824
25	27596	27810	27749	28105	27353
26	32878	32998	33052	33230	32365
59	179819	180417	180150	180981	177113
113	29029	28783	28629	28253	27519
115	340301	335018	329823	347791	330927
206	85381	84864	85671	85510	83914
207	78437	78251	77761	78735	77305
208	187810	185223	186551	187125	182698
220	197	202	198	172	166

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	23242	8.95	8.9 - 9.1		0.819	0.900	
24	313411	23.90	23.9 - 24.1		0.833	0.900	
25	42164	24.90	24.9 - 25.1		0.816	0.900	
26	49549	25.90	25.9 - 26.1		0.859	0.900	
59	295386	58.95	58.9 - 59.1		0.786	0.900	
113	53423	113.00	112.9 - 113.1		0.732	0.900	
115	635711	115.00	114.9 - 115.1		0.730	0.900	
206	170195	206.00	205.9 - 206.1		0.782	0.900	
207	153423	206.95	206.9 - 207.1		0.741	0.900	
208	371199	207.95	207.9 - 208.1		0.786	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.9	V	Deflect	11.8	V
Extract 2	-150.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-75	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	52368	0.79	
89	64997	0.64	
205	78046	1.03	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	51760	52217	52376	52796	52690
89	65657	65105	64716	64889	64618
205	76698	78359	77975	78728	78468

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	7.5	V	Deflect	1.0	V
Extract 2	-160.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-80	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 11:31:24 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.18	0.28	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	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	0.05	0.18	-0.23	0.00	N/A	ppb
Boron	11-1	0.02	0.01	-0.04	0.00	N/A	ppb
Cadmium	111-1	0.06	-0.11	0.05	0.00	N/A	ppb
Cadmium	106-1	0.71	-1.39	0.69	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.03	0.05	0.00	N/A	ppb
Calcium	43-1	0.00	0.94	-0.94	0.00	N/A	ppb
Calcium	44-1	-0.19	0.65	-0.45	0.00	N/A	ppb
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.00	0.01	-0.01	0.00	N/A	ppb
Iron	57-2	-0.05	0.10	-0.04	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	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	-0.06	-0.13	0.19	0.00	N/A	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:31:24	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-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	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Phosphorus	31-2	-25.96	-28.30	-22.71	-25.66		ppb
Potassium	39-2	-1.11	0.77	0.34	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.18	0.19	-0.01	0.00	N/A	ppb
Selenium	82-1	0.03	0.03	-0.07	0.00	N/A	ppb
Silicon	28-1	-0.33	0.21	0.12	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	0.63	-0.68	0.05	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-23.32	40.73	46.05	21.16	182.49	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	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 :	LB105034	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:31:24	DataFile Name :	002CALB.d

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

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:34:59	DataFile Name :	003CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.37	13.60	11.40	13.79	18.08	ppb
Antimony	121-1	1.82	1.90	1.80	1.84	2.82	ppb
Arsenic	75-1	0.75	0.71	0.91	0.79	12.90	ppb
Barium	135-1	9.77	9.64	9.78	9.73	0.80	ppb
Barium	137-1	9.84	9.96	9.68	9.83	1.40	ppb
Beryllium	9-1	0.97	0.90	0.95	0.94	3.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	21.93	22.84	22.79	22.52	2.26	ppb
Boron	11-1	21.75	22.76	22.93	22.48	2.86	ppb
Cadmium	111-1	0.63	0.73	0.66	0.67	7.58	ppb
Cadmium	106-1	-3.14	-2.15	-2.66	-2.65		ppb
Cadmium	108-1	1.18	1.05	0.89	1.04	13.89	ppb
Calcium	43-1	485.59	451.74	467.37	468.23	3.62	ppb
Calcium	44-1	460.11	461.17	458.74	460.00	0.26	ppb
Chromium	52-2	1.64	1.47	1.37	1.49	9.22	ppb
Cobalt	59-2	0.83	0.79	0.76	0.79	4.62	ppb
Copper	63-2	1.62	1.53	1.43	1.53	6.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	44.18	40.42	37.66	40.75	8.03	ppb
Iron	57-2	49.06	40.74	38.41	42.74	13.11	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.90	0.89	0.90	0.63	ppb
Lead	207-1	0.88	0.91	0.87	0.89	2.52	ppb
Lead	208-1	0.89	0.90	0.88	0.89	1.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	451.89	413.95	388.86	418.23	7.59	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:34:59	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.87	0.84	0.77	0.83	6.33	ppb
Molybdenum	94-1	4.49	4.43	4.52	4.48	0.96	ppb
Molybdenum	95-1	4.74	4.53	4.78	4.68	2.80	ppb
Molybdenum	96-1	4.48	4.63	4.51	4.54	1.76	ppb
Molybdenum	97-1	4.76	4.76	4.47	4.66	3.55	ppb
Molybdenum	98-1	4.61	4.66	4.56	4.61	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.83	0.75	0.83	9.19	ppb
Phosphorus	31-2	24.84	30.00	22.15	25.66	15.54	ppb
Potassium	39-2	447.66	436.23	415.81	433.24	3.72	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	2.88	5.24	4.68	4.27	28.85	ppb
Selenium	78-2	4.83	4.86	4.10	4.60	9.30	ppb
Selenium	82-1	5.27	5.46	5.38	5.37	1.80	ppb
Silicon	28-1	8.50	8.66	8.38	8.52	1.68	ppb
Silver	109-1	2.19	2.20	2.23	2.21	1.07	ppb
Silver	107-1	2.23	2.30	2.28	2.27	1.60	ppb
Sodium	23-2	452.27	426.54	404.87	427.89	5.55	ppb
Strontium	86-1	0.91	0.99	0.94	0.94	4.42	ppb
Strontium	88-1	0.91	0.92	0.90	0.91	1.17	ppb
Sulfur	34-1	-15.99	67.10	-114.57	-21.16		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.91	0.89	0.91	0.90	1.05	ppb
Thallium	205-1	0.89	0.88	0.88	0.88	0.78	ppb
Thorium	232-1	0.79	0.78	0.77	0.78	1.18	ppb
Tin	118-1	5.11	5.06	5.01	5.06	0.97	ppb
Titanium	47-1	5.09	5.12	4.85	5.02	2.95	ppb
Uranium	238-1	0.83	0.83	0.83	0.83	0.22	ppb
Vanadium	51-2	4.34	3.98	3.68	4.00	8.25	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:34:59	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.88	1.76	1.82	1.82	3.31	ppb
Zirconium	90-1	0.85	0.81	0.81	0.82	2.93	ppb
Zirconium	91-1	0.82	0.85	0.85	0.84	2.13	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 11:39:58 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1053.85	1047.89	1074.23	1058.65	1.30	ppb
Antimony	121-1	54.08	53.94	54.51	54.17	0.55	ppb
Arsenic	75-1	55.84	57.00	57.60	56.81	1.58	ppb
Barium	135-1	271.81	269.23	271.14	270.73	0.49	ppb
Barium	137-1	273.39	272.84	273.05	273.09	0.10	ppb
Beryllium	9-1	55.47	54.76	54.75	55.00	0.75	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	50.97	48.51	48.45	49.31	2.91	ppb
Boron	11-1	48.38	49.13	49.27	48.93	0.98	ppb
Cadmium	111-1	54.63	54.90	54.78	54.77	0.25	ppb
Cadmium	106-1	49.47	51.67	51.23	50.79	2.29	ppb
Cadmium	108-1	55.91	54.01	56.28	55.40	2.20	ppb
Calcium	43-1	5414.47	5393.85	5332.10	5380.14	0.80	ppb
Calcium	44-1	5391.11	5317.39	5336.05	5348.18	0.72	ppb
Chromium	52-2	53.73	53.31	53.40	53.48	0.42	ppb
Cobalt	59-2	54.24	54.17	54.37	54.26	0.18	ppb
Copper	63-2	104.53	104.17	104.33	104.34	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	56-2	2789.23	2772.26	2784.60	2782.03	0.32	ppb
Iron	57-2	2788.52	2790.76	2796.56	2791.95	0.15	ppb
Krypton	83-1						cps
Lead	206-1	50.86	51.45	51.21	51.17	0.58	ppb
Lead	207-1	51.31	51.46	51.39	51.39	0.15	ppb
Lead	208-1	51.15	51.47	51.51	51.38	0.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	5609.14	5606.74	5601.06	5605.65	0.07	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:39:58	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.95	106.75	106.82	107.17	0.63	ppb
Molybdenum	94-1	267.79	267.19	268.90	267.96	0.32	ppb
Molybdenum	95-1	269.74	269.17	269.24	269.38	0.11	ppb
Molybdenum	96-1	266.13	267.23	268.05	267.13	0.36	ppb
Molybdenum	97-1	264.85	269.92	267.61	267.46	0.95	ppb
Molybdenum	98-1	263.72	266.88	267.93	266.18	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.89	56.01	56.69	56.20	0.77	ppb
Phosphorus	31-2	1107.64	1050.77	1073.27	1077.23	2.66	ppb
Potassium	39-2	2648.54	2647.16	2628.52	2641.41	0.42	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	59.30	62.26	60.95	60.84	2.44	ppb
Selenium	78-2	60.90	60.94	60.51	60.79	0.39	ppb
Selenium	82-1	60.92	60.71	60.19	60.61	0.62	ppb
Silicon	28-1	54.59	54.61	54.83	54.68	0.25	ppb
Silver	109-1	155.22	153.47	153.83	154.17	0.60	ppb
Silver	107-1	158.29	158.06	160.24	158.86	0.75	ppb
Sodium	23-2	5462.01	5469.66	5442.09	5457.92	0.26	ppb
Strontium	86-1	51.87	52.02	52.36	52.08	0.48	ppb
Strontium	88-1	51.93	51.85	52.05	51.94	0.19	ppb
Sulfur	34-1	752.50	747.85	747.23	749.19	0.38	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	51.39	51.56	50.94	51.30	0.63	ppb
Thallium	205-1	50.94	51.50	51.51	51.32	0.63	ppb
Thorium	232-1	48.67	49.16	48.81	48.88	0.51	ppb
Tin	118-1	55.09	53.97	54.79	54.62	1.07	ppb
Titanium	47-1	266.69	271.23	269.11	269.01	0.85	ppb
Uranium	238-1	49.61	50.24	49.74	49.86	0.67	ppb
Vanadium	51-2	52.71	53.12	52.64	52.82	0.49	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:39:58	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	116.18	116.46	115.22	115.95	0.56	ppb
Zirconium	90-1	52.60	52.71	52.41	52.58	0.29	ppb
Zirconium	91-1	52.42	52.12	52.04	52.19	0.39	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:44:09	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2547.72	2535.66	2502.22	2528.53	0.93	ppb
Antimony	121-1	127.87	129.37	128.36	128.53	0.59	ppb
Arsenic	75-1	135.10	133.35	132.96	133.80	0.85	ppb
Barium	135-1	635.44	639.64	631.48	635.52	0.64	ppb
Barium	137-1	639.94	653.12	638.09	643.72	1.27	ppb
Beryllium	9-1	128.87	130.91	130.21	130.00	0.80	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	113.03	117.96	117.86	116.28	2.42	ppb
Boron	11-1	112.53	116.36	118.61	115.83	2.66	ppb
Cadmium	111-1	126.62	129.13	127.75	127.83	0.99	ppb
Cadmium	106-1	121.96	125.29	126.16	124.47	1.78	ppb
Cadmium	108-1	130.33	128.89	128.23	129.15	0.83	ppb
Calcium	43-1	12613.00	12808.70	12711.51	12711.07	0.77	ppb
Calcium	44-1	12671.60	12712.73	12594.87	12659.74	0.47	ppb
Chromium	52-2	129.30	128.01	128.42	128.58	0.51	ppb
Cobalt	59-2	130.44	130.05	129.68	130.06	0.29	ppb
Copper	63-2	248.13	250.46	248.65	249.08	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				110		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	6703.86	6720.05	6693.11	6705.67	0.20	ppb
Iron	57-2	6755.75	6692.86	6672.45	6707.02	0.65	ppb
Krypton	83-1						cps
Lead	206-1	120.91	121.93	121.95	121.60	0.49	ppb
Lead	207-1	121.82	123.34	122.43	122.53	0.62	ppb
Lead	208-1	122.12	123.80	122.92	122.95	0.68	ppb
Lithium	6-1				102		%
Magnesium	24-2	13577.20	13536.82	13465.47	13526.50	0.42	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:44:09	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	257.19	257.41	256.94	257.18	0.09	ppb
Molybdenum	94-1	632.49	636.43	636.33	635.08	0.35	ppb
Molybdenum	95-1	633.01	637.30	632.48	634.26	0.42	ppb
Molybdenum	96-1	636.63	636.35	635.35	636.11	0.11	ppb
Molybdenum	97-1	634.42	637.86	635.16	635.81	0.28	ppb
Molybdenum	98-1	635.46	639.19	633.94	636.20	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.08	133.41	133.53	133.67	0.27	ppb
Phosphorus	31-2	2617.37	2571.86	2674.38	2621.20	1.96	ppb
Potassium	39-2	6313.17	6265.86	6257.28	6278.77	0.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	77-2	142.34	133.94	149.85	142.05	5.60	ppb
Selenium	78-2	143.97	144.41	141.85	143.41	0.95	ppb
Selenium	82-1	142.70	143.45	143.18	143.11	0.26	ppb
Silicon	28-1	129.04	130.84	128.89	129.59	0.84	ppb
Silver	109-1	355.46	355.72	353.89	355.02	0.28	ppb
Silver	107-1	366.13	367.30	368.04	367.16	0.26	ppb
Sodium	23-2	13349.11	13301.56	13120.80	13257.16	0.91	ppb
Strontium	86-1	123.49	122.40	123.03	122.97	0.44	ppb
Strontium	88-1	123.46	123.42	122.65	123.18	0.37	ppb
Sulfur	34-1	1938.45	2061.38	2043.43	2014.42	3.30	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	121.69	123.17	120.70	121.85	1.02	ppb
Thallium	205-1	121.14	121.97	120.41	121.17	0.65	ppb
Thorium	232-1	117.82	117.92	117.86	117.87	0.04	ppb
Tin	118-1	127.85	129.20	128.87	128.64	0.55	ppb
Titanium	47-1	636.29	633.76	630.54	633.53	0.45	ppb
Uranium	238-1	119.58	119.30	119.12	119.34	0.20	ppb
Vanadium	51-2	127.33	126.22	126.41	126.66	0.47	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:44:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	274.44	275.99	274.63	275.02	0.31	ppb
Zirconium	90-1	124.41	125.57	124.05	124.68	0.64	ppb
Zirconium	91-1	123.46	123.88	123.64	123.66	0.17	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 11:47:57 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5086.90	5043.94	5052.67	5061.17	0.45	ppb
Antimony	121-1	255.07	252.34	252.62	253.34	0.59	ppb
Arsenic	75-1	258.85	259.19	257.39	258.48	0.37	ppb
Barium	135-1	1270.19	1263.11	1258.81	1264.04	0.45	ppb
Barium	137-1	1256.59	1262.22	1258.69	1259.16	0.23	ppb
Beryllium	9-1	255.33	254.09	254.50	254.64	0.25	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	240.23	237.53	244.94	240.90	1.56	ppb
Boron	11-1	234.12	240.13	243.40	239.22	1.97	ppb
Cadmium	111-1	246.55	245.35	246.21	246.04	0.25	ppb
Cadmium	106-1	237.58	240.83	245.69	241.37	1.69	ppb
Cadmium	108-1	249.33	246.62	248.31	248.09	0.55	ppb
Calcium	43-1	25787.86	25698.03	25595.76	25693.88	0.37	ppb
Calcium	44-1	25629.32	25574.64	25543.48	25582.48	0.17	ppb
Chromium	52-2	256.87	254.10	255.82	255.59	0.55	ppb
Cobalt	59-2	257.81	254.32	257.78	256.64	0.78	ppb
Copper	63-2	493.66	487.09	490.58	490.44	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	13437.58	13311.87	13546.22	13431.89	0.87	ppb
Iron	57-2	13474.13	13322.36	13477.42	13424.64	0.66	ppb
Krypton	83-1						cps
Lead	206-1	247.06	246.58	248.31	247.32	0.36	ppb
Lead	207-1	249.17	245.85	249.33	248.12	0.79	ppb
Lead	208-1	247.97	245.27	247.92	247.05	0.62	ppb
Lithium	6-1				92		%
Magnesium	24-2	26994.50	26950.35	26965.06	26969.97	0.08	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:47:57	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	514.01	512.34	517.20	514.52	0.48	ppb
Molybdenum	94-1	1272.26	1259.64	1271.19	1267.70	0.55	ppb
Molybdenum	95-1	1285.50	1270.37	1277.35	1277.74	0.59	ppb
Molybdenum	96-1	1284.79	1275.08	1291.98	1283.95	0.66	ppb
Molybdenum	97-1	1281.39	1273.56	1282.68	1279.21	0.39	ppb
Molybdenum	98-1	1284.52	1276.41	1274.61	1278.51	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.38	261.10	261.84	262.11	0.44	ppb
Phosphorus	31-2	5267.14	5308.44	5158.00	5244.52	1.48	ppb
Potassium	39-2	12541.10	12546.62	12584.31	12557.34	0.19	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				88		%
Selenium	77-2	256.15	272.11	276.17	268.14	3.95	ppb
Selenium	78-2	279.86	270.56	270.35	273.59	1.99	ppb
Selenium	82-1	277.10	273.65	274.97	275.24	0.63	ppb
Silicon	28-1	257.53	258.46	262.09	259.36	0.93	ppb
Silver	109-1	685.51	682.26	684.91	684.23	0.25	ppb
Silver	107-1	703.47	702.41	698.05	701.31	0.41	ppb
Sodium	23-2	26505.34	26217.22	26596.35	26439.64	0.75	ppb
Strontium	86-1	248.98	246.66	248.02	247.88	0.47	ppb
Strontium	88-1	248.47	246.47	247.38	247.44	0.41	ppb
Sulfur	34-1	4876.03	4763.17	4885.71	4841.64	1.41	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	250.43	247.97	249.84	249.42	0.52	ppb
Thallium	205-1	245.05	244.74	246.19	245.33	0.31	ppb
Thorium	232-1	242.02	239.13	239.91	240.35	0.62	ppb
Tin	118-1	253.44	250.88	252.55	252.29	0.52	ppb
Titanium	47-1	1272.84	1263.19	1277.60	1271.21	0.58	ppb
Uranium	238-1	240.38	238.88	241.01	240.09	0.46	ppb
Vanadium	51-2	252.45	252.64	252.49	252.53	0.04	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:47:57	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	534.55	527.01	529.69	530.42	0.72	ppb
Zirconium	90-1	251.24	249.18	250.09	250.17	0.41	ppb
Zirconium	91-1	250.35	247.91	248.95	249.07	0.49	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:51:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9997.71	10108.30	8878.98	9661.66	7.04	ppb
Antimony	121-1	495.71	497.87	502.51	498.70	0.70	ppb
Arsenic	75-1	507.30	499.38	505.36	504.02	0.82	ppb
Barium	135-1	2487.31	2504.19	2512.90	2501.47	0.52	ppb
Barium	137-1	2485.40	2505.81	2518.62	2503.28	0.67	ppb
Beryllium	9-1	505.00	500.74	502.60	502.78	0.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	492.26	496.92	508.56	499.25	1.68	ppb
Boron	11-1	490.71	489.73	506.77	495.74	1.93	ppb
Cadmium	111-1	475.04	477.34	480.94	477.77	0.62	ppb
Cadmium	106-1	480.52	480.73	478.37	479.87	0.27	ppb
Cadmium	108-1	480.93	484.17	481.53	482.21	0.36	ppb
Calcium	43-1	51019.30	51127.10	51226.37	51124.26	0.20	ppb
Calcium	44-1	50772.96	50941.61	51005.22	50906.60	0.24	ppb
Chromium	52-2	506.62	511.67	453.96	490.75	6.51	ppb
Cobalt	59-2	510.10	511.94	452.30	491.45	6.90	ppb
Copper	63-2	967.62	972.30	859.15	933.02	6.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	26685.47	26654.70	23591.44	25643.87	6.93	ppb
Iron	57-2	26539.89	26780.96	23699.77	25673.54	6.67	ppb
Krypton	83-1						cps
Lead	206-1	497.12	500.90	501.34	499.79	0.46	ppb
Lead	207-1	496.68	497.08	500.32	498.03	0.40	ppb
Lead	208-1	497.78	499.90	498.67	498.78	0.21	ppb
Lithium	6-1				85		%
Magnesium	24-2	53835.65	53539.50	47861.54	51745.56	6.51	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:51:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1021.10	1026.10	903.73	983.64	7.04	ppb
Molybdenum	94-1	2538.75	2521.36	2529.32	2529.81	0.34	ppb
Molybdenum	95-1	2568.22	2541.32	2544.04	2551.19	0.58	ppb
Molybdenum	96-1	2566.44	2563.17	2554.78	2561.47	0.23	ppb
Molybdenum	97-1	2576.97	2556.46	2562.63	2565.35	0.41	ppb
Molybdenum	98-1	2569.11	2538.71	2568.70	2558.84	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.55	517.83	460.38	498.25	6.58	ppb
Phosphorus	31-2	10347.09	10215.99	9006.20	9856.43	7.50	ppb
Potassium	39-2	25280.46	25386.01	22482.46	24382.98	6.75	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	77-2	507.93	495.48	448.19	483.87	6.51	ppb
Selenium	78-2	507.21	508.60	450.99	488.94	6.72	ppb
Selenium	82-1	506.42	506.18	507.20	506.60	0.11	ppb
Silicon	28-1	511.41	515.86	518.96	515.41	0.74	ppb
Silver	109-1	1328.93	1346.63	1353.97	1343.18	0.96	ppb
Silver	107-1	1375.82	1370.36	1379.96	1375.38	0.35	ppb
Sodium	23-2	52960.31	52733.91	47146.61	50946.94	6.46	ppb
Strontium	86-1	492.98	494.14	495.50	494.21	0.26	ppb
Strontium	88-1	494.03	494.59	494.64	494.42	0.07	ppb
Sulfur	34-1	10004.75	10044.77	10112.62	10054.05	0.54	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	495.03	497.66	494.43	495.71	0.35	ppb
Thallium	205-1	495.16	497.79	495.63	496.19	0.28	ppb
Thorium	232-1	493.91	494.25	496.39	494.85	0.27	ppb
Tin	118-1	497.28	501.66	504.12	501.02	0.69	ppb
Titanium	47-1	2553.86	2548.81	2535.18	2545.95	0.38	ppb
Uranium	238-1	492.66	498.92	497.44	496.34	0.66	ppb
Vanadium	51-2	504.43	507.88	450.58	487.63	6.59	ppb
Yttrium	89-1				91		%
Yttrium	89-2				95		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:51:43	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1003.01	1000.26	886.83	963.37	6.88	ppb
Zirconium	90-1	501.96	500.31	497.40	499.89	0.46	ppb
Zirconium	91-1	501.83	499.58	498.59	500.00	0.33	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:55:29	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19920.24	19695.86	19650.27	19755.46	0.73	ppb
Antimony	121-1	999.79	991.97	1005.74	999.17	0.69	ppb
Arsenic	75-1	991.69	994.43	997.18	994.43	0.28	ppb
Barium	135-1	4986.41	4969.17	5024.63	4993.41	0.57	ppb
Barium	137-1	4969.41	4976.30	5032.01	4992.57	0.69	ppb
Beryllium	9-1	995.74	997.02	996.97	996.58	0.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	986.55	1007.61	1017.35	1003.84	1.57	ppb
Boron	11-1	996.95	1002.63	1018.70	1006.09	1.12	ppb
Cadmium	111-1	1014.22	1005.11	1015.21	1011.51	0.55	ppb
Cadmium	106-1	1014.76	1012.21	1009.79	1012.25	0.25	ppb
Cadmium	108-1	1013.09	999.18	1013.49	1008.58	0.81	ppb
Calcium	43-1	101464.80	101217.24	100398.04	101026.70	0.55	ppb
Calcium	44-1	101422.20	100700.70	101152.80	101091.90	0.36	ppb
Chromium	52-2	1014.10	994.83	998.89	1002.61	1.01	ppb
Cobalt	59-2	1015.57	991.99	997.76	1001.77	1.23	ppb
Copper	63-2	2060.12	2014.29	2032.91	2035.78	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	52577.65	51823.89	51967.52	52123.02	0.77	ppb
Iron	57-2	52734.87	51677.52	51923.93	52112.10	1.06	ppb
Krypton	83-1						cps
Lead	206-1	997.59	994.09	1011.76	1001.15	0.93	ppb
Lead	207-1	1005.73	993.77	1005.59	1001.70	0.69	ppb
Lead	208-1	1000.77	997.47	1006.36	1001.53	0.45	ppb
Lithium	6-1				84		%
Magnesium	24-2	106804.65	104805.39	105624.95	105745.00	0.95	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:55:29	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2032.41	1986.82	1990.64	2003.29	1.26	ppb
Molybdenum	94-1	4972.63	4986.39	4976.52	4978.51	0.14	ppb
Molybdenum	95-1	4969.95	4980.37	4945.71	4965.34	0.36	ppb
Molybdenum	96-1	4963.46	4963.73	4948.42	4958.53	0.18	ppb
Molybdenum	97-1	4941.23	4970.07	4962.09	4957.80	0.30	ppb
Molybdenum	98-1	4943.65	4958.07	4982.02	4961.24	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1007.93	988.56	992.87	996.45	1.02	ppb
Phosphorus	31-2	20158.63	19909.49	19906.81	19991.64	0.72	ppb
Potassium	39-2	50637.08	50140.22	50362.96	50380.09	0.49	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	77-2	999.62	1014.02	988.95	1000.86	1.26	ppb
Selenium	78-2	995.64	998.15	996.60	996.80	0.13	ppb
Selenium	82-1	989.50	981.83	991.45	987.59	0.52	ppb
Silicon	28-1	987.49	984.93	995.06	989.16	0.53	ppb
Silver	109-1	396.62	424.78	486.28	435.89	10.52	ppb
Silver	107-1	403.16	408.36	429.78	413.77	3.41	ppb
Sodium	23-2	105554.90	103604.46	103473.29	104210.88	1.12	ppb
Strontium	86-1	998.65	1005.89	1006.18	1003.57	0.43	ppb
Strontium	88-1	1006.50	998.09	1006.09	1003.56	0.47	ppb
Sulfur	34-1	20313.71	20039.34	19904.37	20085.80	1.04	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	998.20	997.38	1012.29	1002.62	0.84	ppb
Thallium	205-1	1000.26	997.56	1012.63	1003.48	0.80	ppb
Thorium	232-1	1006.74	998.93	1012.14	1005.94	0.66	ppb
Tin	118-1	999.14	993.91	1001.64	998.23	0.39	ppb
Titanium	47-1	4991.20	4965.37	4952.55	4969.71	0.40	ppb
Uranium	238-1	1009.46	999.46	1006.16	1005.02	0.51	ppb
Vanadium	51-2	1016.13	1001.80	997.70	1005.21	0.96	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:55:29	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2023.94	1992.32	2004.10	2006.79	0.80	ppb
Zirconium	90-1	994.69	1001.48	1003.61	999.92	0.47	ppb
Zirconium	91-1	995.81	999.40	1005.67	1000.29	0.50	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:59:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100561.96	100447.74	99225.47	100078.39	0.74	ppb
Antimony	121-1	1.58	1.49	1.53	1.53	2.74	ppb
Arsenic	75-1	1.47	1.36	1.38	1.40	4.18	ppb
Barium	135-1	0.49	0.41	0.43	0.44	8.70	ppb
Barium	137-1	0.48	0.47	0.43	0.46	6.55	ppb
Beryllium	9-1	0.13	0.11	0.12	0.12	11.24	ppb
Bismuth	209-1				83		%
Bismuth	209-2				83		%
Boron	10-1	53.42	46.01	44.64	48.02	9.83	ppb
Boron	11-1	52.87	45.41	43.55	47.28	10.44	ppb
Cadmium	111-1	-0.62	-0.68	-0.65	-0.65		ppb
Cadmium	106-1	-9.22	-10.07	-9.73	-9.67		ppb
Cadmium	108-1	0.12	0.15	0.05	0.11	48.44	ppb
Calcium	43-1	514582.96	496564.18	487768.35	499638.49	2.74	ppb
Calcium	44-1	513259.79	498053.79	487649.63	499654.40	2.58	ppb
Chromium	52-2	28.32	27.88	27.52	27.91	1.43	ppb
Cobalt	59-2	11.64	11.70	11.40	11.58	1.40	ppb
Copper	63-2	2.68	2.55	2.60	2.61	2.65	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				95		%
Holmium	165-2				97		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	251052.04	248533.10	248765.48	249450.21	0.56	ppb
Iron	57-2	250072.15	251638.94	246637.86	249449.65	1.03	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.45	0.46	0.47	5.45	ppb
Lead	207-1	0.47	0.43	0.44	0.45	5.09	ppb
Lead	208-1	0.49	0.46	0.45	0.47	4.60	ppb
Lithium	6-1				82		%
Magnesium	24-2	502187.14	499997.06	493454.72	498546.31	0.91	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:59:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.38	6.52	6.61	6.50	1.80	ppb
Molybdenum	94-1	4.24	4.02	3.69	3.98	6.97	ppb
Molybdenum	95-1	5.55	4.96	4.87	5.13	7.22	ppb
Molybdenum	96-1	5.55	4.90	4.74	5.06	8.48	ppb
Molybdenum	97-1	5.47	4.91	4.60	4.99	8.79	ppb
Molybdenum	98-1	5.40	4.82	4.68	4.97	7.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.28	25.91	26.38	26.19	0.94	ppb
Phosphorus	31-2	8.12	-12.74	-14.34	-6.32		ppb
Potassium	39-2	249926.18	250204.35	249811.93	249980.82	0.08	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	77-2	0.44	0.44	0.44	0.44	0.23	ppb
Selenium	78-2	0.23	0.08	0.73	0.34	99.18	ppb
Selenium	82-1	0.54	0.58	0.50	0.54	6.93	ppb
Silicon	28-1	22.34	19.47	18.28	20.03	10.41	ppb
Silver	109-1	0.44	0.41	0.41	0.42	4.83	ppb
Silver	107-1	0.45	0.43	0.41	0.43	4.01	ppb
Sodium	23-2	501962.95	499595.68	495344.50	498967.71	0.67	ppb
Strontium	86-1	4.27	3.87	3.91	4.02	5.52	ppb
Strontium	88-1	4.22	4.02	3.98	4.07	3.18	ppb
Sulfur	34-1	269.15	64.14	-6.31	109.00	131.29	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.28	0.24	0.24	0.25	9.11	ppb
Thallium	205-1	0.26	0.23	0.22	0.24	9.15	ppb
Thorium	232-1	0.18	0.17	0.16	0.17	5.31	ppb
Tin	118-1	0.36	0.33	0.35	0.35	3.91	ppb
Titanium	47-1	0.93	0.92	0.83	0.89	6.26	ppb
Uranium	238-1	0.04	0.03	0.03	0.04	17.53	ppb
Vanadium	51-2	0.16	0.17	0.17	0.17	2.85	ppb
Yttrium	89-1				90		%
Yttrium	89-2				94		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:59:16	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.66	16.40	16.09	16.38	1.73	ppb
Zirconium	90-1	0.22	0.20	0.20	0.21	5.00	ppb
Zirconium	91-1	0.23	0.19	0.22	0.21	8.96	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:05:06	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.14	481.72	492.73	486.87	1.14	ppb
Antimony	121-1	194.33	195.40	195.83	195.18	0.40	ppb
Arsenic	75-1	205.74	200.49	205.05	203.76	1.40	ppb
Barium	135-1	98.87	99.43	98.85	99.05	0.33	ppb
Barium	137-1	99.95	100.14	99.70	99.93	0.22	ppb
Beryllium	9-1	95.63	95.41	95.88	95.64	0.24	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	16.03	15.49	16.08	15.87	2.08	ppb
Boron	11-1	16.39	16.34	15.44	16.06	3.36	ppb
Cadmium	111-1	94.87	96.30	96.46	95.88	0.91	ppb
Cadmium	106-1	64.56	67.05	64.81	65.47	2.09	ppb
Cadmium	108-1	78.96	80.24	80.96	80.06	1.27	ppb
Calcium	43-1	1897.52	1898.48	1909.47	1901.82	0.35	ppb
Calcium	44-1	1901.39	1901.52	1916.70	1906.54	0.46	ppb
Chromium	52-2	98.21	97.40	99.11	98.24	0.87	ppb
Cobalt	59-2	101.38	100.81	101.64	101.28	0.42	ppb
Copper	63-2	97.00	97.41	97.63	97.35	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				106		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	1025.64	1022.43	1037.74	1028.60	0.78	ppb
Iron	57-2	1031.23	1044.81	1058.93	1044.99	1.33	ppb
Krypton	83-1						cps
Lead	206-1	191.28	190.25	191.23	190.92	0.30	ppb
Lead	207-1	187.85	186.09	185.86	186.60	0.58	ppb
Lead	208-1	190.69	190.27	189.45	190.14	0.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	1266.62	1238.64	1258.67	1254.65	1.15	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:05:06	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.98	97.13	98.36	97.49	0.78	ppb
Molybdenum	94-1	0.23	0.21	0.22	0.22	5.35	ppb
Molybdenum	95-1	0.23	0.23	0.23	0.23	1.58	ppb
Molybdenum	96-1	0.23	0.28	0.29	0.27	12.45	ppb
Molybdenum	97-1	0.22	0.23	0.25	0.23	7.45	ppb
Molybdenum	98-1	0.24	0.24	0.24	0.24	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.70	103.42	104.70	104.27	0.71	ppb
Phosphorus	31-2	-18.82	-20.80	-21.34	-20.32		ppb
Potassium	39-2	2009.35	1998.79	2026.37	2011.51	0.69	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	199.27	201.77	194.15	198.39	1.96	ppb
Selenium	78-2	206.20	210.79	205.83	207.61	1.33	ppb
Selenium	82-1	202.80	208.25	206.24	205.76	1.34	ppb
Silicon	28-1	2.86	2.32	2.73	2.64	10.70	ppb
Silver	109-1	247.17	249.78	248.25	248.40	0.53	ppb
Silver	107-1	254.43	255.29	256.30	255.34	0.37	ppb
Sodium	23-2	2055.20	2060.56	2061.52	2059.09	0.17	ppb
Strontium	86-1	2.25	2.29	2.26	2.27	1.07	ppb
Strontium	88-1	2.20	2.22	2.18	2.20	0.93	ppb
Sulfur	34-1	-170.14	-200.29	-128.57	-166.33		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	193.36	195.61	194.71	194.56	0.58	ppb
Thallium	205-1	196.08	194.81	195.58	195.49	0.33	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.06	ppb
Tin	118-1	0.05	0.05	0.09	0.06	32.10	ppb
Titanium	47-1	0.08	0.08	0.04	0.06	38.13	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	97.69	96.37	97.38	97.15	0.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:05:06	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	202.43	203.27	203.22	202.97	0.23	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	29.07	ppb
Zirconium	91-1	0.20	0.16	0.20	0.19	10.01	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 12:10:54 DataFile Name : 011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	-0.23	-0.23	-0.15		ppb
Antimony	121-1	0.12	0.14	0.14	0.13	6.51	ppb
Arsenic	75-1	-0.02	0.01	0.02	0.00	790.27	ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.01	0.00	0.00	0.00	221.28	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	40.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	9.69	8.91	8.60	9.07	6.19	ppb
Boron	11-1	8.46	8.22	8.66	8.45	2.60	ppb
Cadmium	111-1	-0.93	-0.88	-0.87	-0.89		ppb
Cadmium	106-1	-12.28	-11.59	-11.56	-11.81		ppb
Cadmium	108-1	0.01	-0.06	-0.08	-0.04		ppb
Calcium	43-1	-0.46	-0.49	0.02	-0.31		ppb
Calcium	44-1	-1.61	-2.79	-1.67	-2.02		ppb
Chromium	52-2	0.01	0.03	0.03	0.02	46.37	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	214.64	ppb
Copper	63-2	0.01	0.00	0.00	0.00	127.85	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				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	0.40	0.30	0.37	0.36	13.33	ppb
Iron	57-2	0.67	0.10	0.05	0.27	124.66	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.01	0.00	203.16	ppb
Lead	207-1	0.01	0.00	0.00	0.00	114.16	ppb
Lead	208-1	0.01	0.00	0.01	0.01	40.82	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.59	0.57	1.00	0.72	33.32	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:10:54	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.05	0.05	0.07	0.06	14.80	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	3.43	ppb
Molybdenum	96-1	0.10	0.10	0.10	0.10	0.63	ppb
Molybdenum	97-1	0.10	0.10	0.12	0.11	7.75	ppb
Molybdenum	98-1	0.10	0.09	0.12	0.10	12.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-17.04	-22.28	-27.32	-22.21		ppb
Potassium	39-2	25.84	24.81	24.05	24.90	3.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.12	0.05	-0.35	-0.06		ppb
Selenium	82-1	0.02	0.13	-0.10	0.02	744.35	ppb
Silicon	28-1	-0.05	-0.21	0.07	-0.06		ppb
Silver	109-1	0.26	0.25	0.25	0.26	2.71	ppb
Silver	107-1	0.24	0.22	0.27	0.24	10.67	ppb
Sodium	23-2	33.17	30.16	31.50	31.61	4.78	ppb
Strontium	86-1	-0.02	0.00	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	53.85	ppb
Sulfur	34-1	25.10	-47.86	-4.49	-9.09		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.04	0.04	0.04	12.21	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	1.23	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	3.62	ppb
Tin	118-1	0.02	0.02	0.02	0.02	20.47	ppb
Titanium	47-1	-0.02	0.01	-0.03	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	57.78	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:10:54	DataFile Name :	011CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.08	-0.14	-0.11	-0.11		ppb
Zirconium	90-1	0.00	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	61.45	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 12:14:31 DataFile Name : 012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89275.22	88503.26	88856.93	88878.47	0.43	ppb
Antimony	121-1	1.10	1.16	1.10	1.12	3.13	ppb
Arsenic	75-1	1.09	1.20	1.19	1.16	5.26	ppb
Barium	135-1	1.37	1.35	1.38	1.37	1.34	ppb
Barium	137-1	1.40	1.39	1.38	1.39	0.68	ppb
Beryllium	9-1	0.26	0.28	0.31	0.28	8.28	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	6.12	7.51	6.88	6.84	10.14	ppb
Boron	11-1	6.99	6.74	6.96	6.90	1.99	ppb
Cadmium	111-1	-0.24	-0.22	-0.25	-0.24		ppb
Cadmium	106-1	-13.09	-13.08	-12.93	-13.03		ppb
Cadmium	108-1	20.33	20.37	20.96	20.55	1.72	ppb
Calcium	43-1	93400.61	93662.29	92877.13	93313.34	0.43	ppb
Calcium	44-1	94464.50	94388.98	94497.66	94450.38	0.06	ppb
Chromium	52-2	19.25	18.85	19.08	19.06	1.06	ppb
Cobalt	59-2	1.16	1.11	1.13	1.14	2.30	ppb
Copper	63-2	6.95	6.94	6.75	6.88	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	100618.76	100235.90	100226.09	100360.25	0.22	ppb
Iron	57-2	99959.60	99360.91	99536.48	99619.00	0.31	ppb
Krypton	83-1						cps
Lead	206-1	4.54	4.58	4.58	4.56	0.47	ppb
Lead	207-1	4.06	4.07	4.17	4.10	1.48	ppb
Lead	208-1	4.23	4.28	4.30	4.27	0.80	ppb
Lithium	6-1				94		%
Magnesium	24-2	101400.56	100579.01	101021.16	101000.24	0.41	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 12:14:31 DataFile Name : 012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.65	7.60	7.56	7.60	0.63	ppb
Molybdenum	94-1	1270.14	1265.35	1264.98	1266.82	0.23	ppb
Molybdenum	95-1	1808.51	1804.19	1785.15	1799.28	0.69	ppb
Molybdenum	96-1	1738.53	1747.95	1722.30	1736.26	0.75	ppb
Molybdenum	97-1	1797.55	1804.29	1786.28	1796.04	0.51	ppb
Molybdenum	98-1	1791.30	1797.53	1793.52	1794.12	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.32	5.09	5.20	5.20	2.17	ppb
Phosphorus	31-2	95943.84	94607.67	94938.15	95163.22	0.73	ppb
Potassium	39-2	97962.49	97136.70	97469.41	97522.87	0.43	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.60	0.20	173.21	ppb
Selenium	78-2	-0.09	-0.07	-0.13	-0.10		ppb
Selenium	82-1	0.20	-0.30	0.04	-0.02		ppb
Silicon	28-1	22.11	22.43	22.18	22.24	0.76	ppb
Silver	109-1	0.08	0.13	0.12	0.11	24.47	ppb
Silver	107-1	0.09	0.11	0.08	0.10	16.86	ppb
Sodium	23-2	100399.57	99663.91	100500.85	100188.11	0.46	ppb
Strontium	86-1	31.34	31.76	31.89	31.66	0.90	ppb
Strontium	88-1	31.68	31.63	31.40	31.57	0.47	ppb
Sulfur	34-1	71074.26	71195.55	70712.11	70993.97	0.35	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.15	0.17	0.20	0.17	13.39	ppb
Thallium	205-1	0.15	0.17	0.18	0.17	10.27	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	3.84	ppb
Tin	118-1	0.15	0.18	0.17	0.17	8.39	ppb
Titanium	47-1	1979.07	1965.75	1983.58	1976.13	0.47	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.83	ppb
Vanadium	51-2	0.17	0.15	0.16	0.16	6.54	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:14:31	DataFile Name :	012ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.07	10.08	10.17	10.11	0.52	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.84	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	17.17	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:18:08	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86154.97	87809.67	88669.38	87544.67	1.46	ppb
Antimony	121-1	19.92	20.31	20.08	20.10	0.97	ppb
Arsenic	75-1	20.17	20.27	19.73	20.06	1.44	ppb
Barium	135-1	20.78	20.99	20.69	20.82	0.73	ppb
Barium	137-1	20.86	21.09	20.80	20.92	0.73	ppb
Beryllium	9-1	19.32	19.27	19.39	19.33	0.31	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	12.95	13.97	13.37	13.43	3.81	ppb
Boron	11-1	13.54	13.59	13.86	13.67	1.25	ppb
Cadmium	111-1	17.06	17.53	17.09	17.22	1.53	ppb
Cadmium	106-1	1.82	3.35	2.34	2.50	30.96	ppb
Cadmium	108-1	35.70	36.46	34.69	35.61	2.49	ppb
Calcium	43-1	91215.75	92704.78	93400.40	92440.31	1.21	ppb
Calcium	44-1	92795.03	94092.07	94463.75	93783.62	0.93	ppb
Chromium	52-2	37.56	38.12	37.97	37.88	0.76	ppb
Cobalt	59-2	20.11	20.28	20.31	20.23	0.54	ppb
Copper	63-2	24.92	24.98	25.09	25.00	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				105		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	97825.19	99622.66	100153.03	99200.29	1.23	ppb
Iron	57-2	97314.39	98712.18	98970.65	98332.41	0.91	ppb
Krypton	83-1						cps
Lead	206-1	23.94	24.18	24.05	24.06	0.49	ppb
Lead	207-1	22.59	22.60	22.58	22.59	0.06	ppb
Lead	208-1	23.09	23.14	23.13	23.12	0.11	ppb
Lithium	6-1				95		%
Magnesium	24-2	98804.18	100242.47	100835.38	99960.68	1.04	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:18:08	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.24	26.67	26.03	26.31	1.24	ppb
Molybdenum	94-1	1265.34	1269.29	1267.93	1267.52	0.16	ppb
Molybdenum	95-1	1779.39	1792.43	1786.78	1786.20	0.37	ppb
Molybdenum	96-1	1721.79	1735.86	1723.34	1727.00	0.45	ppb
Molybdenum	97-1	1778.11	1790.48	1780.17	1782.92	0.37	ppb
Molybdenum	98-1	1786.03	1772.99	1767.55	1775.52	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.83	24.13	24.29	24.08	0.97	ppb
Phosphorus	31-2	92857.42	94171.88	94786.82	93938.71	1.05	ppb
Potassium	39-2	95792.70	97303.16	97217.88	96771.25	0.88	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	18.71	21.98	23.30	21.33	11.07	ppb
Selenium	78-2	19.38	18.65	19.23	19.09	2.03	ppb
Selenium	82-1	18.42	18.26	19.22	18.63	2.78	ppb
Silicon	28-1	32.21	32.48	33.10	32.60	1.40	ppb
Silver	109-1	49.13	49.82	49.17	49.38	0.78	ppb
Silver	107-1	50.58	51.14	50.63	50.78	0.61	ppb
Sodium	23-2	98471.68	100229.17	100721.37	99807.41	1.18	ppb
Strontium	86-1	40.91	40.64	40.88	40.81	0.36	ppb
Strontium	88-1	40.75	40.67	40.75	40.72	0.11	ppb
Sulfur	34-1	70101.08	70410.85	70778.46	70430.13	0.48	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	19.49	19.63	19.18	19.43	1.19	ppb
Thallium	205-1	19.37	19.54	19.43	19.44	0.44	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	33.48	ppb
Tin	118-1	8.24	8.22	8.19	8.22	0.34	ppb
Titanium	47-1	1953.69	1950.99	1973.41	1959.36	0.62	ppb
Uranium	238-1	7.96	7.89	7.85	7.90	0.71	ppb
Vanadium	51-2	19.08	19.05	19.15	19.09	0.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:18:08	DataFile Name :	013ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.21	28.49	28.57	28.42	0.66	ppb
Zirconium	90-1	7.76	7.89	7.82	7.82	0.81	ppb
Zirconium	91-1	7.87	7.88	7.81	7.85	0.50	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:21:46	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52377.64	51349.84	51807.51	51845.00	0.99	ppb
Antimony	121-1	480.87	482.25	483.46	482.19	0.27	ppb
Arsenic	75-1	490.84	492.50	489.62	490.99	0.29	ppb
Barium	135-1	2451.42	2438.28	2476.89	2455.53	0.80	ppb
Barium	137-1	2469.40	2443.79	2468.56	2460.59	0.59	ppb
Beryllium	9-1	475.35	474.35	474.67	474.79	0.11	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	467.83	471.84	477.53	472.40	1.03	ppb
Boron	11-1	467.78	470.09	470.67	469.51	0.33	ppb
Cadmium	111-1	484.89	479.30	487.16	483.78	0.84	ppb
Cadmium	106-1	492.71	484.96	487.89	488.52	0.80	ppb
Cadmium	108-1	486.08	492.32	492.96	490.45	0.78	ppb
Calcium	43-1	231661.93	232169.07	233607.48	232479.49	0.43	ppb
Calcium	44-1	231615.33	231289.32	234094.55	232333.06	0.66	ppb
Chromium	52-2	484.16	478.57	480.38	481.04	0.59	ppb
Cobalt	59-2	470.85	460.56	460.94	464.11	1.26	ppb
Copper	63-2	1007.03	991.22	999.21	999.16	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	123015.27	120686.69	121051.74	121584.56	1.03	ppb
Iron	57-2	123289.23	120397.85	121435.16	121707.41	1.20	ppb
Krypton	83-1						cps
Lead	206-1	494.52	493.47	489.60	492.53	0.53	ppb
Lead	207-1	492.68	489.83	487.16	489.89	0.56	ppb
Lead	208-1	492.23	491.27	488.90	490.80	0.35	ppb
Lithium	6-1				92		%
Magnesium	24-2	248560.57	241256.42	243688.93	244501.97	1.52	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:21:46	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	950.27	937.76	943.31	943.78	0.66	ppb
Molybdenum	94-1	2460.06	2481.40	2458.46	2466.64	0.52	ppb
Molybdenum	95-1	2478.10	2495.33	2482.44	2485.29	0.36	ppb
Molybdenum	96-1	2469.43	2488.85	2474.39	2477.56	0.41	ppb
Molybdenum	97-1	2475.04	2481.27	2475.86	2477.39	0.14	ppb
Molybdenum	98-1	2470.41	2477.91	2460.92	2469.75	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.34	463.60	464.17	466.37	0.93	ppb
Phosphorus	31-2	9759.11	9582.46	9496.26	9612.61	1.39	ppb
Potassium	39-2	122551.45	120576.01	121548.12	121558.53	0.81	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	468.21	456.93	442.28	455.80	2.85	ppb
Selenium	78-2	466.05	454.29	456.56	458.97	1.36	ppb
Selenium	82-1	456.47	462.00	456.06	458.18	0.72	ppb
Silicon	28-1	604.81	629.91	644.47	626.40	3.20	ppb
Silver	109-1	1301.49	1294.34	1304.86	1300.23	0.41	ppb
Silver	107-1	1343.00	1337.97	1338.69	1339.89	0.20	ppb
Sodium	23-2	241630.92	236657.17	240312.94	239533.68	1.08	ppb
Strontium	86-1	469.23	471.34	472.65	471.07	0.37	ppb
Strontium	88-1	474.94	479.93	474.20	476.36	0.65	ppb
Sulfur	34-1	9359.89	9308.44	9518.85	9395.73	1.17	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	497.13	492.46	493.04	494.21	0.52	ppb
Thallium	205-1	493.50	493.26	488.67	491.81	0.55	ppb
Thorium	232-1	504.49	503.11	500.93	502.84	0.36	ppb
Tin	118-1	491.62	494.49	493.50	493.21	0.30	ppb
Titanium	47-1	2456.55	2450.62	2472.70	2459.95	0.46	ppb
Uranium	238-1	509.88	503.40	501.09	504.79	0.90	ppb
Vanadium	51-2	483.66	476.63	477.28	479.19	0.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:21:46	DataFile Name :	014CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	927.65	914.82	912.81	918.43	0.88	ppb
Zirconium	90-1	489.78	489.58	488.05	489.13	0.19	ppb
Zirconium	91-1	479.07	483.02	477.73	479.94	0.57	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:25:28	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.31	0.21	0.23	32.84	ppb
Antimony	121-1	0.37	0.40	0.42	0.40	5.61	ppb
Arsenic	75-1	0.18	0.05	0.05	0.09	82.72	ppb
Barium	135-1	0.02	0.01	0.02	0.02	54.34	ppb
Barium	137-1	0.04	0.03	0.02	0.03	25.11	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	12.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	17.01	15.71	13.56	15.43	11.28	ppb
Boron	11-1	16.03	15.69	14.00	15.24	7.14	ppb
Cadmium	111-1	-1.07	-1.03	-0.93	-1.01		ppb
Cadmium	106-1	-14.21	-13.90	-12.36	-13.49		ppb
Cadmium	108-1	-0.05	0.03	0.07	0.02	326.55	ppb
Calcium	43-1	3.05	1.48	1.67	2.07	41.26	ppb
Calcium	44-1	0.73	0.35	0.36	0.48	45.96	ppb
Chromium	52-2	0.04	0.02	0.03	0.03	41.54	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	66.54	ppb
Copper	63-2	0.08	0.09	0.06	0.08	14.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	2.06	2.02	1.90	1.99	4.09	ppb
Iron	57-2	1.91	1.72	2.27	1.97	14.07	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.12	0.11	6.36	ppb
Lead	207-1	0.10	0.12	0.12	0.11	12.53	ppb
Lead	208-1	0.11	0.12	0.13	0.12	7.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.56	2.37	2.52	2.48	3.99	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:25:28	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.01	0.01	81.29	ppb
Molybdenum	94-1	0.66	0.59	0.56	0.60	8.94	ppb
Molybdenum	95-1	0.83	0.76	0.65	0.75	12.42	ppb
Molybdenum	96-1	0.81	0.75	0.68	0.75	9.15	ppb
Molybdenum	97-1	0.92	0.76	0.70	0.79	14.24	ppb
Molybdenum	98-1	0.80	0.74	0.65	0.73	10.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-19.38	-36.31	-35.49	-30.39		ppb
Potassium	39-2	63.19	63.85	62.79	63.28	0.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	0.39	0.02	0.20	91.08	ppb
Selenium	82-1	0.18	0.14	0.22	0.18	24.48	ppb
Silicon	28-1	2.88	1.89	1.45	2.07	35.32	ppb
Silver	109-1	0.23	0.23	0.19	0.22	12.35	ppb
Silver	107-1	0.25	0.24	0.23	0.24	2.87	ppb
Sodium	23-2	68.23	67.85	64.20	66.76	3.33	ppb
Strontium	86-1	-0.03	-0.01	0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	6.59	ppb
Sulfur	34-1	-149.97	-201.61	-186.42	-179.34		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.19	0.16	0.17	6.79	ppb
Thallium	205-1	0.20	0.18	0.16	0.18	11.02	ppb
Thorium	232-1	0.11	0.11	0.09	0.10	8.12	ppb
Tin	118-1	0.16	0.16	0.17	0.16	3.34	ppb
Titanium	47-1	0.10	0.07	0.08	0.08	24.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	22.94	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	34.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:25:28	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	-0.04	0.04	0.01	393.03	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	13.10	ppb
Zirconium	91-1	0.06	0.03	0.04	0.04	26.47	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:29:04	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.55	21.39	18.82	20.25	6.49	ppb
Antimony	121-1	1.92	2.00	1.91	1.95	2.44	ppb
Arsenic	75-1	1.04	0.91	0.85	0.93	10.19	ppb
Barium	135-1	9.95	9.66	9.88	9.83	1.56	ppb
Barium	137-1	9.78	9.84	9.79	9.80	0.30	ppb
Beryllium	9-1	1.02	0.98	0.95	0.98	3.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	30.05	29.09	30.59	29.91	2.53	ppb
Boron	11-1	29.77	29.73	30.74	30.08	1.89	ppb
Cadmium	111-1	0.03	-0.03	0.00	0.00		ppb
Cadmium	106-1	-12.04	-11.63	-11.25	-11.64		ppb
Cadmium	108-1	0.92	1.03	1.01	0.99	5.80	ppb
Calcium	43-1	474.28	480.65	476.89	477.27	0.67	ppb
Calcium	44-1	462.69	472.08	462.72	465.83	1.16	ppb
Chromium	52-2	2.01	2.11	1.97	2.03	3.51	ppb
Cobalt	59-2	0.99	1.07	0.99	1.02	4.62	ppb
Copper	63-2	1.98	2.07	1.99	2.01	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				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	54.36	55.55	54.41	54.77	1.23	ppb
Iron	57-2	53.95	59.23	55.11	56.10	4.95	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.94	0.96	0.96	2.81	ppb
Lead	207-1	0.96	0.94	0.98	0.96	2.25	ppb
Lead	208-1	0.99	0.96	0.97	0.97	1.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	537.16	540.55	537.19	538.30	0.36	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:29:04	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	1.05	1.05	1.06	2.23	ppb
Molybdenum	94-1	4.83	4.81	4.61	4.75	2.57	ppb
Molybdenum	95-1	5.03	4.82	4.86	4.90	2.27	ppb
Molybdenum	96-1	4.76	4.71	4.89	4.79	1.89	ppb
Molybdenum	97-1	4.84	4.71	4.93	4.83	2.35	ppb
Molybdenum	98-1	4.82	4.73	4.77	4.77	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.12	1.17	1.11	5.97	ppb
Phosphorus	31-2	44.62	43.76	23.77	37.38	31.56	ppb
Potassium	39-2	545.38	545.89	541.03	544.10	0.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	6.41	4.39	4.20	5.00	24.52	ppb
Selenium	78-2	5.05	4.75	5.33	5.05	5.69	ppb
Selenium	82-1	5.19	5.37	5.46	5.34	2.53	ppb
Silicon	28-1	8.38	8.04	8.34	8.25	2.23	ppb
Silver	109-1	2.65	2.65	2.64	2.65	0.26	ppb
Silver	107-1	2.77	2.75	2.73	2.75	0.72	ppb
Sodium	23-2	554.02	562.51	552.09	556.21	1.00	ppb
Strontium	86-1	0.91	0.90	0.92	0.91	1.16	ppb
Strontium	88-1	0.93	0.91	0.93	0.93	1.40	ppb
Sulfur	34-1	-148.19	40.66	9.71	-32.61		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	1.02	1.00	1.00	1.01	1.23	ppb
Thallium	205-1	0.97	0.98	0.97	0.98	0.78	ppb
Thorium	232-1	0.84	0.85	0.85	0.85	0.94	ppb
Tin	118-1	5.17	5.14	5.29	5.20	1.49	ppb
Titanium	47-1	4.95	4.93	4.86	4.91	0.96	ppb
Uranium	238-1	0.83	0.84	0.83	0.83	0.40	ppb
Vanadium	51-2	5.14	5.20	5.29	5.21	1.51	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:29:04	DataFile Name :	016LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.15	2.24	2.20	2.20	2.07	ppb
Zirconium	90-1	0.89	0.90	0.87	0.89	1.47	ppb
Zirconium	91-1	0.92	0.91	0.91	0.91	0.38	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : PB122913BL Instrumnet Name : P7
 Client Sample ID : PB122913BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 12:32:39 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.04	-0.14	-0.12		ppb
Antimony	121-1	0.03	0.04	0.05	0.04	18.91	ppb
Arsenic	75-1	0.02	0.06	0.08	0.05	61.71	ppb
Barium	135-1	-0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	86.49	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	44.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	7.18	6.12	6.47	6.59	8.21	ppb
Boron	11-1	6.99	6.72	6.08	6.59	7.13	ppb
Cadmium	111-1	-0.95	-0.97	-1.02	-0.98		ppb
Cadmium	106-1	-12.52	-12.87	-13.35	-12.91		ppb
Cadmium	108-1	0.03	-0.10	0.05	-0.01		ppb
Calcium	43-1	-2.67	-2.01	-0.05	-1.57		ppb
Calcium	44-1	-2.84	-1.62	-3.17	-2.55		ppb
Chromium	52-2	0.02	0.04	0.02	0.03	29.97	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.02	0.03	0.04	48.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	0.37	0.35	0.38	0.37	4.40	ppb
Iron	57-2	0.34	0.34	0.23	0.30	20.70	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.05	9.40	ppb
Lead	207-1	0.04	0.04	0.04	0.04	10.70	ppb
Lead	208-1	0.05	0.05	0.05	0.05	2.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.87	0.75	0.91	0.84	9.80	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BL	Instrumnet Name :	P7
Client Sample ID :	PB122913BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:32:39	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.10	0.10	0.09	0.10	5.55	ppb
Molybdenum	95-1	0.13	0.12	0.12	0.12	4.39	ppb
Molybdenum	96-1	0.14	0.14	0.12	0.13	11.41	ppb
Molybdenum	97-1	0.14	0.13	0.12	0.13	6.13	ppb
Molybdenum	98-1	0.14	0.13	0.13	0.13	6.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-26.91	-36.72	-31.31	-31.65		ppb
Potassium	39-2	40.48	38.71	38.00	39.06	3.26	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	0.20	0.00	0.00	0.07	173.21	ppb
Selenium	78-2	-0.21	0.11	-0.09	-0.06		ppb
Selenium	82-1	0.14	0.05	0.20	0.13	57.76	ppb
Silicon	28-1	-1.28	-1.35	-1.16	-1.26		ppb
Silver	109-1	0.10	0.07	0.08	0.08	14.02	ppb
Silver	107-1	0.08	0.09	0.11	0.09	16.35	ppb
Sodium	23-2	41.15	39.57	39.79	40.17	2.13	ppb
Strontium	86-1	-0.01	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	13.14	ppb
Sulfur	34-1	97.68	175.33	146.75	139.92	28.07	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.06	0.06	0.06	9.30	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	7.02	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	5.77	ppb
Tin	118-1	0.01	0.02	0.02	0.02	22.69	ppb
Titanium	47-1	0.01	0.02	0.01	0.02	51.30	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	57.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BL	Instrumnet Name :	P7
Client Sample ID :	PB122913BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:32:39	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	-0.03	-0.11	-0.06		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	72.17	ppb
Zirconium	91-1	0.02	0.02	0.04	0.02	42.42	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BS	Instrumnet Name :	P7
Client Sample ID :	PB122913BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:36:14	DataFile Name :	018DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9786.49	9576.45	9654.67	9672.54	1.10	ppb
Antimony	121-1	498.01	497.85	497.10	497.66	0.10	ppb
Arsenic	75-1	491.62	488.54	495.97	492.04	0.76	ppb
Barium	135-1	2476.48	2473.76	2500.35	2483.53	0.59	ppb
Barium	137-1	2489.66	2480.39	2488.66	2486.24	0.20	ppb
Beryllium	9-1	475.22	478.27	482.22	478.57	0.73	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	442.61	458.46	459.02	453.36	2.05	ppb
Boron	11-1	446.52	455.46	468.77	456.92	2.45	ppb
Cadmium	111-1	472.43	471.33	471.68	471.82	0.12	ppb
Cadmium	106-1	473.97	475.55	474.45	474.66	0.17	ppb
Cadmium	108-1	479.81	481.55	477.97	479.77	0.37	ppb
Calcium	43-1	48477.36	48525.64	48150.67	48384.56	0.42	ppb
Calcium	44-1	49152.57	49302.92	49074.15	49176.55	0.24	ppb
Chromium	52-2	494.63	484.31	488.26	489.06	1.06	ppb
Cobalt	59-2	496.16	487.28	486.40	489.95	1.10	ppb
Copper	63-2	948.36	931.57	930.85	936.93	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	26115.82	25598.99	25795.83	25836.88	1.01	ppb
Iron	57-2	25824.35	25432.76	25427.07	25561.39	0.89	ppb
Krypton	83-1						cps
Lead	206-1	485.24	476.85	478.28	480.12	0.93	ppb
Lead	207-1	484.68	479.99	475.60	480.09	0.95	ppb
Lead	208-1	484.03	479.59	475.66	479.76	0.87	ppb
Lithium	6-1				97		%
Magnesium	24-2	52941.75	51958.50	52320.31	52406.85	0.95	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BS	Instrumnet Name :	P7
Client Sample ID :	PB122913BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:36:14	DataFile Name :	018DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.50	969.23	977.47	978.73	1.04	ppb
Molybdenum	94-1	2440.81	2443.88	2445.57	2443.42	0.10	ppb
Molybdenum	95-1	2482.19	2464.79	2476.02	2474.33	0.36	ppb
Molybdenum	96-1	2474.01	2467.04	2478.66	2473.24	0.24	ppb
Molybdenum	97-1	2468.86	2462.82	2456.64	2462.77	0.25	ppb
Molybdenum	98-1	2455.17	2446.14	2452.09	2451.14	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.73	490.18	493.03	493.98	0.88	ppb
Phosphorus	31-2	10097.42	9926.75	9942.42	9988.86	0.94	ppb
Potassium	39-2	25150.86	24858.69	24885.63	24965.06	0.65	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	484.33	475.52	504.37	488.07	3.03	ppb
Selenium	78-2	499.21	491.12	498.83	496.39	0.92	ppb
Selenium	82-1	486.43	488.74	494.79	489.99	0.88	ppb
Silicon	28-1	703.81	731.34	740.94	725.36	2.66	ppb
Silver	109-1	1359.54	1363.56	1344.96	1356.02	0.72	ppb
Silver	107-1	1403.40	1405.14	1391.48	1400.00	0.53	ppb
Sodium	23-2	52104.54	51381.43	51536.74	51674.24	0.74	ppb
Strontium	86-1	467.06	468.23	472.98	469.42	0.67	ppb
Strontium	88-1	476.87	477.94	479.65	478.15	0.29	ppb
Sulfur	34-1	9722.90	9749.66	9642.08	9704.88	0.58	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	485.52	481.67	478.20	481.80	0.76	ppb
Thallium	205-1	482.48	481.59	477.10	480.39	0.60	ppb
Thorium	232-1	469.62	467.30	471.97	469.63	0.50	ppb
Tin	118-1	499.67	499.24	502.50	500.47	0.35	ppb
Titanium	47-1	2479.25	2465.15	2482.91	2475.77	0.38	ppb
Uranium	238-1	470.02	465.91	467.91	467.95	0.44	ppb
Vanadium	51-2	490.43	485.25	486.41	487.36	0.56	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BS	Instrumnet Name :	P7
Client Sample ID :	PB122913BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:36:14	DataFile Name :	018DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	961.70	952.23	955.60	956.51	0.50	ppb
Zirconium	90-1	480.54	480.87	486.57	482.66	0.70	ppb
Zirconium	91-1	468.83	472.01	477.73	472.86	0.95	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:39:50	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	105.30	105.38	103.69	104.79	0.91	ppb
Antimony	121-1	0.47	0.53	0.56	0.52	9.31	ppb
Arsenic	75-1	0.20	0.28	0.24	0.24	16.81	ppb
Barium	135-1	38.40	37.87	37.86	38.04	0.81	ppb
Barium	137-1	38.39	38.18	39.09	38.55	1.24	ppb
Beryllium	9-1	0.04	0.04	0.06	0.05	22.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	52.23	50.86	49.45	50.84	2.74	ppb
Boron	11-1	51.71	50.25	50.79	50.92	1.45	ppb
Cadmium	111-1	-1.04	-1.09	-1.03	-1.05		ppb
Cadmium	106-1	-13.86	-14.68	-13.74	-14.10		ppb
Cadmium	108-1	0.16	0.01	-0.02	0.05	202.57	ppb
Calcium	43-1	25802.98	25595.42	25747.77	25715.39	0.42	ppb
Calcium	44-1	26075.35	25958.91	25909.46	25981.24	0.33	ppb
Chromium	52-2	0.34	0.34	0.34	0.34	1.22	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	2.55	ppb
Copper	63-2	222.38	221.07	219.31	220.92	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	21.26	20.89	20.80	20.98	1.17	ppb
Iron	57-2	91.25	86.08	93.32	90.21	4.13	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.24	0.24	2.88	ppb
Lead	207-1	0.22	0.24	0.21	0.22	7.38	ppb
Lead	208-1	0.24	0.24	0.23	0.23	3.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	8815.85	8822.52	8697.43	8778.60	0.80	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:39:50	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.55	5.60	5.45	5.54	1.35	ppb
Molybdenum	94-1	1.23	0.94	0.97	1.05	15.17	ppb
Molybdenum	95-1	1.51	1.38	1.30	1.39	7.63	ppb
Molybdenum	96-1	1.44	1.33	1.26	1.34	6.88	ppb
Molybdenum	97-1	1.40	1.45	1.33	1.39	4.48	ppb
Molybdenum	98-1	1.50	1.32	1.26	1.36	9.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.77	9.52	9.68	9.66	1.29	ppb
Phosphorus	31-2	732.51	763.59	726.32	740.81	2.70	ppb
Potassium	39-2	2044.07	2040.34	2010.52	2031.64	0.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.20	0.40	0.00	0.20	99.87	ppb
Selenium	78-2	-0.06	-0.06	0.02	-0.03		ppb
Selenium	82-1	0.39	0.34	0.40	0.38	8.88	ppb
Silicon	28-1	3579.20	3578.26	3622.15	3593.20	0.70	ppb
Silver	109-1	0.05	0.04	0.03	0.04	19.09	ppb
Silver	107-1	0.05	0.05	0.03	0.04	35.36	ppb
Sodium	23-2	29618.91	29443.02	29116.59	29392.84	0.87	ppb
Strontium	86-1	116.25	114.81	114.68	115.24	0.76	ppb
Strontium	88-1	117.17	116.57	116.76	116.83	0.26	ppb
Sulfur	34-1	16998.88	17161.00	17235.56	17131.81	0.71	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.08	0.09	0.09	11.33	ppb
Thallium	205-1	0.10	0.09	0.09	0.10	7.48	ppb
Thorium	232-1	0.11	0.10	0.11	0.10	4.00	ppb
Tin	118-1	0.27	0.26	0.29	0.27	5.14	ppb
Titanium	47-1	1.08	1.16	1.16	1.13	4.14	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	15.81	ppb
Vanadium	51-2	0.49	0.53	0.50	0.51	3.93	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:39:50	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	475.16	471.48	469.02	471.88	0.65	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	20.40	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	13.19	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01DUP	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-ADUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:43:50	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	108.68	108.91	104.28	107.29	2.43	ppb
Antimony	121-1	0.18	0.18	0.19	0.18	4.61	ppb
Arsenic	75-1	0.35	0.27	0.21	0.27	26.15	ppb
Barium	135-1	37.86	38.46	37.98	38.10	0.84	ppb
Barium	137-1	38.49	38.79	38.45	38.58	0.48	ppb
Beryllium	9-1	0.02	0.02	0.03	0.03	32.94	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	40.52	40.30	42.10	40.97	2.40	ppb
Boron	11-1	42.59	42.14	42.02	42.25	0.72	ppb
Cadmium	111-1	-1.08	-1.11	-0.97	-1.05		ppb
Cadmium	106-1	-14.45	-14.67	-12.85	-13.99		ppb
Cadmium	108-1	-0.07	-0.01	0.01	-0.02		ppb
Calcium	43-1	25602.36	25471.44	25674.27	25582.69	0.40	ppb
Calcium	44-1	26049.06	25923.49	26052.24	26008.26	0.28	ppb
Chromium	52-2	0.38	0.41	0.40	0.40	2.98	ppb
Cobalt	59-2	0.06	0.05	0.05	0.05	5.38	ppb
Copper	63-2	223.27	224.76	221.82	223.28	0.66	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				107		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	21.74	22.09	21.92	21.92	0.80	ppb
Iron	57-2	88.30	86.93	89.96	88.40	1.72	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.29	0.28	0.29	4.06	ppb
Lead	207-1	0.25	0.28	0.27	0.27	4.39	ppb
Lead	208-1	0.28	0.28	0.28	0.28	1.31	ppb
Lithium	6-1				97		%
Magnesium	24-2	8834.27	8908.05	8723.86	8822.06	1.05	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01DUP	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-ADUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:43:50	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.51	5.45	5.43	5.46	0.67	ppb
Molybdenum	94-1	0.55	0.51	0.56	0.54	4.92	ppb
Molybdenum	95-1	0.78	0.73	0.82	0.78	5.59	ppb
Molybdenum	96-1	0.73	0.71	0.74	0.73	1.83	ppb
Molybdenum	97-1	0.81	0.80	0.80	0.80	1.02	ppb
Molybdenum	98-1	0.81	0.73	0.75	0.76	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.69	10.04	9.46	9.73	3.00	ppb
Phosphorus	31-2	736.18	708.87	703.77	716.27	2.43	ppb
Potassium	39-2	2033.54	2055.67	2027.18	2038.80	0.73	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.20	0.20	0.13	86.60	ppb
Selenium	78-2	-0.15	0.05	-0.11	-0.07		ppb
Selenium	82-1	0.30	0.55	0.41	0.42	30.64	ppb
Silicon	28-1	3610.27	3573.94	3608.64	3597.62	0.57	ppb
Silver	109-1	0.04	0.03	0.02	0.03	28.10	ppb
Silver	107-1	0.02	0.01	0.03	0.02	43.96	ppb
Sodium	23-2	29652.20	29919.38	29475.96	29682.52	0.75	ppb
Strontium	86-1	114.23	114.42	114.71	114.45	0.21	ppb
Strontium	88-1	116.20	116.81	116.64	116.55	0.27	ppb
Sulfur	34-1	17244.30	17025.76	17041.49	17103.85	0.71	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.05	0.04	0.04	16.79	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	7.74	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	19.82	ppb
Tin	118-1	0.16	0.15	0.20	0.17	13.25	ppb
Titanium	47-1	1.13	1.00	1.08	1.07	6.10	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.72	ppb
Vanadium	51-2	0.52	0.47	0.53	0.51	6.08	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01DUP	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-ADUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:43:50	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	475.49	479.35	472.32	475.72	0.74	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	95.38	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	46.78	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-09 12:47:26	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.90	21.71	21.11	21.57	1.92	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	7.16	ppb
Arsenic	75-1	0.02	0.05	0.10	0.06	62.98	ppb
Barium	135-1	7.52	7.29	7.54	7.45	1.86	ppb
Barium	137-1	7.67	7.48	7.58	7.57	1.23	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	54.53	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	13.24	13.77	13.24	13.42	2.28	ppb
Boron	11-1	13.59	13.68	13.28	13.52	1.54	ppb
Cadmium	111-1	-1.03	-1.20	-1.20	-1.14		ppb
Cadmium	106-1	-13.68	-15.87	-15.79	-15.11		ppb
Cadmium	108-1	-0.08	-0.07	-0.03	-0.06		ppb
Calcium	43-1	5024.16	4983.25	5046.22	5017.87	0.64	ppb
Calcium	44-1	5041.14	4980.20	5008.10	5009.82	0.61	ppb
Chromium	52-2	0.11	0.09	0.11	0.10	6.94	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	15.59	ppb
Copper	63-2	44.46	44.75	44.96	44.72	0.56	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				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	4.03	4.08	4.26	4.13	2.91	ppb
Iron	57-2	17.13	17.97	16.83	17.31	3.41	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.05	0.05	6.93	ppb
Lead	207-1	0.03	0.04	0.04	0.04	23.99	ppb
Lead	208-1	0.04	0.05	0.05	0.04	8.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	1747.86	1766.88	1752.43	1755.72	0.57	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-09 12:47:26	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.10	1.13	1.10	3.14	ppb
Molybdenum	94-1	0.12	0.16	0.14	0.14	15.14	ppb
Molybdenum	95-1	0.22	0.22	0.20	0.21	6.17	ppb
Molybdenum	96-1	0.18	0.19	0.20	0.19	6.98	ppb
Molybdenum	97-1	0.16	0.23	0.23	0.21	18.87	ppb
Molybdenum	98-1	0.22	0.22	0.20	0.21	5.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.96	1.95	2.00	1.97	1.40	ppb
Phosphorus	31-2	132.05	114.15	126.55	124.25	7.38	ppb
Potassium	39-2	418.62	417.23	428.81	421.55	1.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.40	0.00	0.13	173.21	ppb
Selenium	78-2	-0.21	-0.10	-0.23	-0.18		ppb
Selenium	82-1	0.06	0.04	0.01	0.04	70.91	ppb
Silicon	28-1	703.26	699.40	698.93	700.53	0.34	ppb
Silver	109-1	0.03	0.02	0.01	0.02	25.44	ppb
Silver	107-1	0.02	0.01	0.02	0.02	52.49	ppb
Sodium	23-2	5867.03	5936.98	5927.06	5910.35	0.64	ppb
Strontium	86-1	22.68	22.20	22.87	22.58	1.54	ppb
Strontium	88-1	22.49	22.35	22.40	22.41	0.32	ppb
Sulfur	34-1	3149.56	3062.40	3041.53	3084.50	1.86	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.35	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.28	ppb
Thorium	232-1	0.00	0.01	0.01	0.01	51.99	ppb
Tin	118-1	0.04	0.03	0.04	0.04	15.45	ppb
Titanium	47-1	0.25	0.21	0.19	0.22	16.01	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.10	0.09	0.10	0.10	9.39	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-09 12:47:26	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	96.62	97.32	97.92	97.28	0.67	ppb
Zirconium	90-1	0.00	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	230.80	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MS	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:51:02	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1939.53	1928.97	1915.38	1927.96	0.63	ppb
Antimony	121-1	798.78	803.46	796.64	799.62	0.44	ppb
Arsenic	75-1	766.36	764.57	758.90	763.28	0.51	ppb
Barium	135-1	230.55	232.52	234.16	232.41	0.78	ppb
Barium	137-1	233.91	236.42	235.59	235.31	0.54	ppb
Beryllium	9-1	186.84	185.28	183.93	185.35	0.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	299.88	304.46	302.15	302.16	0.76	ppb
Boron	11-1	298.53	301.37	304.08	301.33	0.92	ppb
Cadmium	111-1	184.87	185.56	183.70	184.71	0.51	ppb
Cadmium	106-1	134.12	133.37	133.49	133.66	0.30	ppb
Cadmium	108-1	158.51	160.07	158.38	158.98	0.59	ppb
Calcium	43-1	26347.25	26290.28	26640.85	26426.13	0.71	ppb
Calcium	44-1	26879.44	26859.00	26914.27	26884.24	0.10	ppb
Chromium	52-2	392.63	385.01	387.72	388.45	0.99	ppb
Cobalt	59-2	198.68	196.72	199.38	198.26	0.70	ppb
Copper	63-2	510.01	503.54	504.11	505.89	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	3142.69	3090.29	3096.72	3109.90	0.92	ppb
Iron	57-2	3167.25	3123.72	3124.12	3138.36	0.80	ppb
Krypton	83-1						cps
Lead	206-1	939.95	954.70	947.50	947.39	0.78	ppb
Lead	207-1	932.42	945.47	938.33	938.74	0.70	ppb
Lead	208-1	940.35	948.01	945.78	944.71	0.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	10857.27	10789.02	10848.46	10831.58	0.34	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MS	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:51:02	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.22	196.41	196.24	196.63	0.27	ppb
Molybdenum	94-1	260.12	258.68	258.84	259.22	0.31	ppb
Molybdenum	95-1	370.35	369.50	367.51	369.12	0.40	ppb
Molybdenum	96-1	356.06	351.47	351.90	353.14	0.72	ppb
Molybdenum	97-1	366.99	363.34	365.27	365.20	0.50	ppb
Molybdenum	98-1	367.31	363.82	367.29	366.14	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.28	511.35	514.92	513.85	0.42	ppb
Phosphorus	31-2	6595.54	6526.51	6709.40	6610.49	1.40	ppb
Potassium	39-2	11827.65	11690.07	11701.35	11739.69	0.65	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	1906.88	1898.67	1952.61	1919.39	1.51	ppb
Selenium	78-2	1953.10	1959.34	1926.39	1946.27	0.90	ppb
Selenium	82-1	1942.33	1942.52	1926.31	1937.05	0.48	ppb
Silicon	28-1	4450.50	4454.05	4419.02	4441.19	0.43	ppb
Silver	109-1	200.09	202.60	199.95	200.88	0.74	ppb
Silver	107-1	207.09	206.49	206.26	206.62	0.21	ppb
Sodium	23-2	32786.00	32311.08	32334.56	32477.21	0.82	ppb
Strontium	86-1	303.13	303.05	302.34	302.84	0.14	ppb
Strontium	88-1	308.85	308.76	307.56	308.39	0.23	ppb
Sulfur	34-1	16769.70	16442.25	16117.44	16443.13	1.98	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1896.52	1918.07	1913.91	1909.50	0.60	ppb
Thallium	205-1	1903.04	1895.65	1892.59	1897.09	0.28	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	0.84	ppb
Tin	118-1	706.01	710.05	711.12	709.06	0.38	ppb
Titanium	47-1	198.38	201.17	199.24	199.60	0.72	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.88	ppb
Vanadium	51-2	292.91	288.99	287.84	289.91	0.92	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MS	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:51:02	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	670.00	658.92	662.30	663.74	0.86	ppb
Zirconium	90-1	0.25	0.23	0.23	0.24	5.90	ppb
Zirconium	91-1	0.79	0.74	0.71	0.75	5.49	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MSD	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:54:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1913.02	1898.59	1896.01	1902.54	0.48	ppb
Antimony	121-1	792.26	793.57	787.22	791.01	0.42	ppb
Arsenic	75-1	740.04	745.99	756.41	747.48	1.11	ppb
Barium	135-1	232.67	232.68	231.00	232.11	0.42	ppb
Barium	137-1	232.69	234.50	233.24	233.48	0.40	ppb
Beryllium	9-1	182.17	181.73	183.18	182.36	0.41	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	298.43	309.38	315.73	307.85	2.84	ppb
Boron	11-1	300.72	308.36	312.96	307.35	2.01	ppb
Cadmium	111-1	184.07	183.48	182.45	183.34	0.45	ppb
Cadmium	106-1	132.26	132.58	132.29	132.37	0.13	ppb
Cadmium	108-1	158.61	157.28	160.19	158.69	0.92	ppb
Calcium	43-1	26363.87	26006.68	25907.95	26092.83	0.92	ppb
Calcium	44-1	26761.15	26606.68	26263.58	26543.80	0.96	ppb
Chromium	52-2	389.04	387.76	387.93	388.25	0.18	ppb
Cobalt	59-2	198.69	197.41	198.07	198.06	0.32	ppb
Copper	63-2	504.33	504.43	503.49	504.08	0.10	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				100		%
Indium	115-2				93		%
Iron	56-2	3127.38	3116.01	3082.58	3108.66	0.75	ppb
Iron	57-2	3114.12	3107.35	3099.83	3107.10	0.23	ppb
Krypton	83-1						cps
Lead	206-1	936.81	942.65	954.24	944.57	0.94	ppb
Lead	207-1	927.91	928.19	933.93	930.01	0.37	ppb
Lead	208-1	939.36	938.36	942.56	940.09	0.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	10736.61	10794.47	10677.28	10736.12	0.55	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MSD	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:54:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	197.43	197.20	196.72	197.11	0.18	ppb
Molybdenum	94-1	256.52	256.76	255.51	256.26	0.26	ppb
Molybdenum	95-1	365.40	364.52	363.73	364.55	0.23	ppb
Molybdenum	96-1	350.55	348.71	350.03	349.76	0.27	ppb
Molybdenum	97-1	361.18	359.64	364.01	361.61	0.61	ppb
Molybdenum	98-1	361.67	361.42	363.31	362.13	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.37	509.84	513.23	511.48	0.33	ppb
Phosphorus	31-2	6583.87	6348.25	6582.27	6504.80	2.08	ppb
Potassium	39-2	11694.60	11650.25	11586.22	11643.69	0.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	1915.21	1923.59	1852.45	1897.08	2.05	ppb
Selenium	78-2	1915.99	1907.51	1918.75	1914.08	0.31	ppb
Selenium	82-1	1912.48	1902.17	1910.11	1908.26	0.28	ppb
Silicon	28-1	4443.60	4404.21	4376.65	4408.15	0.76	ppb
Silver	109-1	199.98	197.52	198.38	198.62	0.63	ppb
Silver	107-1	206.82	203.96	205.04	205.27	0.70	ppb
Sodium	23-2	32291.52	32201.17	31933.53	32142.07	0.58	ppb
Strontium	86-1	300.34	300.87	300.56	300.59	0.09	ppb
Strontium	88-1	304.19	304.61	303.94	304.25	0.11	ppb
Sulfur	34-1	16426.95	16163.18	16281.74	16290.62	0.81	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1880.50	1891.66	1899.78	1890.65	0.51	ppb
Thallium	205-1	1884.15	1894.32	1883.46	1887.31	0.32	ppb
Thorium	232-1	0.03	0.03	0.04	0.03	7.38	ppb
Tin	118-1	700.50	704.92	698.35	701.25	0.48	ppb
Titanium	47-1	196.98	197.23	196.67	196.96	0.14	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	8.05	ppb
Vanadium	51-2	290.38	290.02	287.65	289.35	0.51	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MSD	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:54:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	667.16	660.86	660.24	662.75	0.58	ppb
Zirconium	90-1	0.12	0.12	0.12	0.12	2.69	ppb
Zirconium	91-1	0.66	0.60	0.62	0.63	5.06	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01A	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AA	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:58:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1903.14	1938.75	1917.11	1919.67	0.93	ppb
Antimony	121-1	798.10	790.63	790.31	793.01	0.56	ppb
Arsenic	75-1	751.67	747.05	747.86	748.86	0.33	ppb
Barium	135-1	231.10	231.80	231.04	231.32	0.18	ppb
Barium	137-1	232.46	233.75	231.35	232.52	0.52	ppb
Beryllium	9-1	182.68	183.38	182.49	182.85	0.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	303.33	313.13	315.70	310.72	2.10	ppb
Boron	11-1	302.09	311.47	317.98	310.51	2.57	ppb
Cadmium	111-1	182.17	181.86	180.87	181.64	0.38	ppb
Cadmium	106-1	128.95	133.28	131.25	131.16	1.65	ppb
Cadmium	108-1	158.97	158.81	156.51	158.10	0.87	ppb
Calcium	43-1	26195.21	26036.89	26417.13	26216.41	0.73	ppb
Calcium	44-1	26655.34	26473.01	26757.51	26628.62	0.54	ppb
Chromium	52-2	384.64	390.72	388.56	387.97	0.79	ppb
Cobalt	59-2	195.36	199.78	198.04	197.73	1.12	ppb
Copper	63-2	501.09	509.52	509.35	506.65	0.95	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				100		%
Indium	115-2				93		%
Iron	56-2	3088.19	3138.38	3128.76	3118.44	0.85	ppb
Iron	57-2	3100.13	3158.99	3143.88	3134.33	0.98	ppb
Krypton	83-1						cps
Lead	206-1	947.47	958.07	952.24	952.59	0.56	ppb
Lead	207-1	934.92	946.00	932.17	937.70	0.78	ppb
Lead	208-1	942.59	949.13	943.57	945.10	0.37	ppb
Lithium	6-1				96		%
Magnesium	24-2	10710.88	10880.99	10881.66	10824.51	0.91	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01A	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AA	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:58:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	194.47	197.09	197.20	196.25	0.79	ppb
Molybdenum	94-1	257.49	257.43	255.50	256.81	0.44	ppb
Molybdenum	95-1	366.45	363.82	366.06	365.44	0.39	ppb
Molybdenum	96-1	353.17	346.47	350.41	350.02	0.96	ppb
Molybdenum	97-1	361.59	361.53	364.35	362.49	0.44	ppb
Molybdenum	98-1	361.74	361.94	364.03	362.57	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.92	516.93	517.03	513.63	1.13	ppb
Phosphorus	31-2	6504.11	6617.20	6697.49	6606.27	1.47	ppb
Potassium	39-2	11567.67	11746.56	11738.24	11684.16	0.86	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	1877.55	1993.03	1944.33	1938.30	2.99	ppb
Selenium	78-2	1896.17	1961.57	1948.88	1935.54	1.79	ppb
Selenium	82-1	1927.77	1916.74	1935.49	1926.67	0.49	ppb
Silicon	28-1	4380.46	4420.83	4455.43	4418.90	0.85	ppb
Silver	109-1	196.11	197.72	196.46	196.76	0.43	ppb
Silver	107-1	203.35	203.01	202.92	203.09	0.11	ppb
Sodium	23-2	32017.85	32540.86	32574.37	32377.69	0.96	ppb
Strontium	86-1	301.60	301.66	300.61	301.29	0.20	ppb
Strontium	88-1	304.62	307.17	305.61	305.80	0.42	ppb
Sulfur	34-1	16370.94	16536.89	16578.84	16495.56	0.67	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1924.46	1899.81	1913.63	1912.63	0.65	ppb
Thallium	205-1	1905.43	1899.49	1897.67	1900.86	0.21	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	16.43	ppb
Tin	118-1	708.34	703.44	700.86	704.21	0.54	ppb
Titanium	47-1	198.26	196.26	197.98	197.50	0.55	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.54	ppb
Vanadium	51-2	287.61	291.35	289.43	289.46	0.65	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01A	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AA	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:58:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	659.99	672.91	669.27	667.39	1.00	ppb
Zirconium	90-1	0.09	0.09	0.10	0.09	3.95	ppb
Zirconium	91-1	0.61	0.61	0.64	0.62	2.70	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4778-01	Instrumnet Name :	P7
Client Sample ID :	390826178	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:01:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.02	16.07	17.50	16.19	7.69	ppb
Antimony	121-1	0.41	0.44	0.46	0.44	5.45	ppb
Arsenic	75-1	0.25	0.42	0.32	0.33	25.44	ppb
Barium	135-1	29.79	29.29	28.78	29.29	1.73	ppb
Barium	137-1	29.75	29.73	29.42	29.63	0.63	ppb
Beryllium	9-1	0.05	0.02	0.04	0.04	34.39	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	56.04	56.93	55.72	56.23	1.11	ppb
Boron	11-1	56.43	55.95	53.99	55.46	2.34	ppb
Cadmium	111-1	-1.05	-1.09	-1.12	-1.09		ppb
Cadmium	106-1	-13.94	-14.42	-14.88	-14.42		ppb
Cadmium	108-1	-0.07	0.03	0.04	0.00	11232.45	ppb
Calcium	43-1	90182.04	91106.44	91054.07	90780.85	0.57	ppb
Calcium	44-1	91453.42	91722.02	91544.61	91573.35	0.15	ppb
Chromium	52-2	1.38	1.52	1.48	1.46	4.98	ppb
Cobalt	59-2	0.20	0.20	0.22	0.21	4.77	ppb
Copper	63-2	6.35	6.33	6.29	6.32	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	145.67	143.05	144.28	144.33	0.91	ppb
Iron	57-2	377.76	384.05	376.21	379.34	1.09	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.81	0.82	0.81	1.21	ppb
Lead	207-1	0.77	0.74	0.77	0.76	2.29	ppb
Lead	208-1	0.79	0.77	0.78	0.78	1.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	30388.26	30595.86	30505.34	30496.49	0.34	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4778-01	Instrumnet Name :	P7
Client Sample ID :	390826178	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:01:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.76	9.10	8.85	8.90	1.96	ppb
Molybdenum	94-1	0.19	0.18	0.18	0.18	2.90	ppb
Molybdenum	95-1	0.20	0.20	0.19	0.19	2.10	ppb
Molybdenum	96-1	0.23	0.20	0.21	0.21	7.43	ppb
Molybdenum	97-1	0.19	0.15	0.15	0.16	12.87	ppb
Molybdenum	98-1	0.20	0.18	0.18	0.19	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.28	1.41	1.32	5.68	ppb
Phosphorus	31-2	-13.09	-20.75	-12.93	-15.59		ppb
Potassium	39-2	2293.92	2274.31	2280.83	2283.02	0.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.20	0.61	0.00	0.27	114.78	ppb
Selenium	78-2	0.18	0.42	0.20	0.26	50.15	ppb
Selenium	82-1	0.51	0.32	0.73	0.52	40.31	ppb
Silicon	28-1	711.67	732.85	714.99	719.84	1.58	ppb
Silver	109-1	0.02	0.03	0.02	0.02	23.72	ppb
Silver	107-1	0.02	0.02	0.03	0.02	37.67	ppb
Sodium	23-2	79953.36	79944.62	79533.77	79810.58	0.30	ppb
Strontium	86-1	752.65	743.32	749.47	748.48	0.63	ppb
Strontium	88-1	756.98	757.17	758.53	757.56	0.11	ppb
Sulfur	34-1	9548.28	9755.44	9801.68	9701.80	1.39	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.40	0.37	0.35	0.37	7.71	ppb
Thallium	205-1	0.40	0.36	0.35	0.37	6.40	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.50	0.48	0.85	0.61	34.59	ppb
Titanium	47-1	0.33	0.31	0.32	0.32	3.18	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	9.30	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	1.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4778-01	Instrumnet Name :	P7
Client Sample ID :	390826178	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:01:52	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	35.74	36.59	36.66	36.33	1.42	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	29.76	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	23.99	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:05:27	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51699.61	52142.77	52133.37	51991.92	0.49	ppb
Antimony	121-1	476.27	479.58	480.38	478.75	0.45	ppb
Arsenic	75-1	484.02	484.55	487.40	485.32	0.37	ppb
Barium	135-1	2429.78	2427.32	2451.72	2436.27	0.55	ppb
Barium	137-1	2445.42	2429.08	2452.35	2442.28	0.49	ppb
Beryllium	9-1	476.32	471.52	471.40	473.08	0.59	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	465.11	468.31	467.16	466.86	0.35	ppb
Boron	11-1	462.06	467.32	480.63	470.00	2.04	ppb
Cadmium	111-1	476.12	480.51	480.41	479.01	0.52	ppb
Cadmium	106-1	484.51	483.65	474.44	480.86	1.16	ppb
Cadmium	108-1	487.11	479.82	482.38	483.11	0.77	ppb
Calcium	43-1	232976.09	233013.97	230778.31	232256.12	0.55	ppb
Calcium	44-1	231486.85	232631.48	231299.62	231805.98	0.31	ppb
Chromium	52-2	484.52	491.27	485.99	487.26	0.73	ppb
Cobalt	59-2	466.72	474.21	471.73	470.89	0.81	ppb
Copper	63-2	1006.13	1013.68	1007.69	1009.16	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	122520.35	122820.25	122815.77	122718.79	0.14	ppb
Iron	57-2	122014.70	123334.90	123656.92	123002.17	0.71	ppb
Krypton	83-1						cps
Lead	206-1	490.11	492.38	486.59	489.69	0.60	ppb
Lead	207-1	485.16	488.82	484.16	486.05	0.50	ppb
Lead	208-1	487.15	491.14	487.74	488.68	0.44	ppb
Lithium	6-1				89		%
Magnesium	24-2	244797.55	246981.05	247658.82	246479.14	0.61	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:05:27	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	951.80	960.68	955.04	955.84	0.47	ppb
Molybdenum	94-1	2431.81	2456.20	2468.55	2452.18	0.76	ppb
Molybdenum	95-1	2460.82	2462.10	2463.09	2462.00	0.05	ppb
Molybdenum	96-1	2470.89	2457.77	2467.82	2465.49	0.28	ppb
Molybdenum	97-1	2463.28	2453.03	2461.69	2459.33	0.22	ppb
Molybdenum	98-1	2456.36	2453.10	2455.31	2454.92	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.85	477.16	472.52	473.51	0.69	ppb
Phosphorus	31-2	9450.54	9721.45	9570.61	9580.87	1.42	ppb
Potassium	39-2	121413.67	121556.15	121649.26	121539.69	0.10	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	478.05	462.86	468.93	469.95	1.63	ppb
Selenium	78-2	464.91	475.93	470.52	470.45	1.17	ppb
Selenium	82-1	449.86	458.99	457.58	455.48	1.08	ppb
Silicon	28-1	607.35	627.27	640.33	624.98	2.66	ppb
Silver	109-1	1271.50	1269.97	1288.15	1276.54	0.79	ppb
Silver	107-1	1305.39	1321.77	1308.74	1311.97	0.66	ppb
Sodium	23-2	239814.70	243337.17	241042.83	241398.23	0.74	ppb
Strontium	86-1	469.17	471.18	469.72	470.02	0.22	ppb
Strontium	88-1	473.48	477.55	477.60	476.21	0.50	ppb
Sulfur	34-1	9731.35	9631.63	9606.25	9656.41	0.68	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	492.75	493.27	490.15	492.05	0.34	ppb
Thallium	205-1	492.25	494.27	489.44	491.99	0.49	ppb
Thorium	232-1	493.10	496.19	494.35	494.55	0.31	ppb
Tin	118-1	484.66	488.22	488.63	487.17	0.45	ppb
Titanium	47-1	2445.99	2437.78	2442.54	2442.10	0.17	ppb
Uranium	238-1	490.95	490.27	485.28	488.84	0.63	ppb
Vanadium	51-2	483.32	484.54	482.70	483.52	0.19	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:05:27	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	926.22	934.68	935.32	932.07	0.55	ppb
Zirconium	90-1	484.94	485.91	490.60	487.15	0.62	ppb
Zirconium	91-1	479.93	477.19	479.28	478.80	0.30	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 13:09:09 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.57	0.89	-0.01	0.49	93.65	ppb
Antimony	121-1	0.38	0.42	0.43	0.41	5.60	ppb
Arsenic	75-1	0.07	0.11	0.07	0.08	28.49	ppb
Barium	135-1	0.02	0.02	0.02	0.02	13.77	ppb
Barium	137-1	0.04	0.02	0.04	0.03	33.13	ppb
Beryllium	9-1	0.07	0.08	0.05	0.07	21.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	21.68	21.23	18.68	20.53	7.88	ppb
Boron	11-1	22.14	20.82	18.86	20.60	8.01	ppb
Cadmium	111-1	-1.17	-1.16	-1.29	-1.21		ppb
Cadmium	106-1	-15.49	-15.60	-17.03	-16.04		ppb
Cadmium	108-1	0.02	-0.02	-0.04	-0.01		ppb
Calcium	43-1	1.55	3.10	2.24	2.29	33.72	ppb
Calcium	44-1	-0.11	0.85	0.35	0.36	131.38	ppb
Chromium	52-2	0.04	0.02	0.03	0.03	21.09	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	51.34	ppb
Copper	63-2	0.05	0.03	0.05	0.04	25.17	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				103		%
Indium	115-2				95		%
Iron	56-2	2.62	2.47	2.71	2.60	4.60	ppb
Iron	57-2	2.61	2.57	3.12	2.76	11.11	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.04	0.04	15.68	ppb
Lead	207-1	0.04	0.03	0.04	0.04	5.04	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	3.30	4.50	3.60	3.80	16.46	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:09:09	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.01	0.01	51.05	ppb
Molybdenum	94-1	0.61	0.54	0.49	0.55	11.52	ppb
Molybdenum	95-1	0.79	0.73	0.65	0.72	9.16	ppb
Molybdenum	96-1	0.82	0.69	0.66	0.72	11.94	ppb
Molybdenum	97-1	0.75	0.70	0.63	0.69	8.75	ppb
Molybdenum	98-1	0.79	0.69	0.61	0.70	13.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-23.36	-41.36	-29.85	-31.53		ppb
Potassium	39-2	47.01	47.30	45.99	46.77	1.47	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.41	0.14	173.21	ppb
Selenium	78-2	0.04	0.06	-0.25	-0.05		ppb
Selenium	82-1	0.19	0.31	0.18	0.22	33.60	ppb
Silicon	28-1	2.96	2.34	2.13	2.47	17.39	ppb
Silver	109-1	0.05	0.05	0.06	0.06	14.73	ppb
Silver	107-1	0.04	0.06	0.04	0.05	21.56	ppb
Sodium	23-2	58.58	57.19	56.06	57.28	2.20	ppb
Strontium	86-1	-0.02	0.01	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	18.53	ppb
Sulfur	34-1	185.36	220.76	182.80	196.31	10.81	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.21	0.17	0.18	0.19	11.14	ppb
Thallium	205-1	0.20	0.20	0.19	0.20	3.11	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	4.83	ppb
Tin	118-1	0.15	0.19	0.16	0.17	11.25	ppb
Titanium	47-1	0.11	0.10	0.06	0.09	26.40	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	29.75	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	37.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:09:09	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	0.04	0.01	0.00		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	31.75	ppb
Zirconium	91-1	0.01	0.04	0.03	0.03	61.06	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-03	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-6-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:12:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.22	24.75	23.24	23.41	5.44	ppb
Antimony	121-1	0.20	0.25	0.26	0.23	13.76	ppb
Arsenic	75-1	0.19	0.26	0.19	0.21	17.68	ppb
Barium	135-1	35.02	37.49	35.70	36.07	3.53	ppb
Barium	137-1	35.44	38.07	35.81	36.44	3.92	ppb
Beryllium	9-1	0.01	0.04	0.04	0.03	47.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	41.56	45.51	45.31	44.13	5.05	ppb
Boron	11-1	42.96	46.69	44.62	44.76	4.17	ppb
Cadmium	111-1	-1.14	-1.09	-1.23	-1.16		ppb
Cadmium	106-1	-15.34	-14.55	-16.50	-15.46		ppb
Cadmium	108-1	-0.02	-0.04	-0.03	-0.03		ppb
Calcium	43-1	24594.36	26646.20	25283.67	25508.08	4.09	ppb
Calcium	44-1	25209.70	27045.80	25694.00	25983.17	3.66	ppb
Chromium	52-2	0.31	0.37	0.38	0.35	10.31	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	4.28	ppb
Copper	63-2	355.27	356.56	359.65	357.16	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				103		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	21.14	21.46	22.05	21.55	2.14	ppb
Iron	57-2	87.00	91.33	86.76	88.37	2.91	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.32	0.30	0.31	3.64	ppb
Lead	207-1	0.27	0.28	0.28	0.27	2.92	ppb
Lead	208-1	0.29	0.30	0.29	0.29	2.38	ppb
Lithium	6-1				93		%
Magnesium	24-2	8757.82	8927.84	8886.35	8857.34	1.00	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-03	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-6-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:12:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.90	4.97	4.97	4.95	0.79	ppb
Molybdenum	94-1	0.61	0.64	0.60	0.62	3.02	ppb
Molybdenum	95-1	0.75	0.82	0.80	0.79	4.82	ppb
Molybdenum	96-1	0.74	0.85	0.77	0.79	6.82	ppb
Molybdenum	97-1	0.79	0.70	0.73	0.74	5.67	ppb
Molybdenum	98-1	0.73	0.78	0.75	0.75	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.23	3.23	3.20	3.22	0.54	ppb
Phosphorus	31-2	784.46	833.92	854.29	824.22	4.36	ppb
Potassium	39-2	2063.44	2077.94	2079.41	2073.60	0.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	0.20	0.41	0.00	0.20	100.71	ppb
Selenium	78-2	0.07	-0.15	0.06	-0.01		ppb
Selenium	82-1	0.20	0.26	0.38	0.28	33.29	ppb
Silicon	28-1	3515.65	3808.27	3634.36	3652.76	4.03	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.06	ppb
Silver	107-1	0.02	0.02	0.02	0.02	23.33	ppb
Sodium	23-2	30104.74	30428.72	30327.16	30286.87	0.55	ppb
Strontium	86-1	113.12	119.66	114.80	115.86	2.93	ppb
Strontium	88-1	112.33	120.81	114.56	115.90	3.79	ppb
Sulfur	34-1	17191.53	19150.57	17959.64	18100.58	5.45	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.11	0.10	0.11	7.57	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	2.48	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	17.72	ppb
Tin	118-1	0.12	0.12	0.13	0.12	6.82	ppb
Titanium	47-1	1.23	1.36	1.13	1.24	9.46	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	42.15	ppb
Vanadium	51-2	0.43	0.44	0.45	0.44	2.29	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-03	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-6-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:12:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	119.14	120.95	121.31	120.47	0.96	ppb
Zirconium	90-1	0.02	0.01	0.04	0.02	46.44	ppb
Zirconium	91-1	0.04	0.02	0.04	0.03	31.30	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-05	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-7-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:16:20	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.32	15.64	15.36	15.44	1.11	ppb
Antimony	121-1	0.14	0.15	0.16	0.15	7.69	ppb
Arsenic	75-1	0.29	0.23	0.27	0.26	12.50	ppb
Barium	135-1	43.63	43.02	43.68	43.45	0.85	ppb
Barium	137-1	43.97	44.11	44.21	44.09	0.26	ppb
Beryllium	9-1	0.03	0.04	0.01	0.02	73.90	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	38.85	39.05	39.14	39.01	0.38	ppb
Boron	11-1	39.29	40.45	40.93	40.22	2.09	ppb
Cadmium	111-1	-1.22	-1.17	-1.18	-1.19		ppb
Cadmium	106-1	-16.15	-15.59	-15.68	-15.81		ppb
Cadmium	108-1	0.06	0.02	0.08	0.05	51.48	ppb
Calcium	43-1	28819.59	28708.80	28684.13	28737.51	0.25	ppb
Calcium	44-1	29358.87	29362.90	29121.09	29280.95	0.47	ppb
Chromium	52-2	0.26	0.31	0.29	0.29	8.41	ppb
Cobalt	59-2	0.06	0.07	0.06	0.06	6.80	ppb
Copper	63-2	181.32	198.69	177.49	185.83	6.08	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				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				90		%
Iron	56-2	24.22	26.43	23.73	24.79	5.80	ppb
Iron	57-2	101.78	112.73	102.07	105.53	5.91	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.32	0.31	0.32	5.45	ppb
Lead	207-1	0.29	0.30	0.30	0.29	2.51	ppb
Lead	208-1	0.31	0.31	0.30	0.31	0.71	ppb
Lithium	6-1				95		%
Magnesium	24-2	9539.69	10313.82	9248.88	9700.80	5.67	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-05	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-7-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:16:20	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.88	6.60	5.82	6.10	7.14	ppb
Molybdenum	94-1	0.53	0.53	0.51	0.52	2.68	ppb
Molybdenum	95-1	0.65	0.72	0.71	0.69	4.77	ppb
Molybdenum	96-1	0.66	0.71	0.70	0.69	3.74	ppb
Molybdenum	97-1	0.66	0.61	0.68	0.65	5.85	ppb
Molybdenum	98-1	0.66	0.71	0.68	0.68	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.11	0.95	1.01	8.75	ppb
Phosphorus	31-2	823.25	969.91	753.60	848.92	13.01	ppb
Potassium	39-2	2167.45	2364.94	2117.53	2216.64	5.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	77-2	0.21	0.69	0.41	0.44	54.77	ppb
Selenium	78-2	0.22	0.08	0.06	0.12	72.14	ppb
Selenium	82-1	0.35	0.39	0.28	0.34	17.03	ppb
Silicon	28-1	3790.82	3820.21	3804.85	3805.29	0.39	ppb
Silver	109-1	0.06	0.06	0.05	0.06	5.35	ppb
Silver	107-1	0.07	0.05	0.05	0.05	22.78	ppb
Sodium	23-2	30393.38	32975.86	29488.87	30952.70	5.85	ppb
Strontium	86-1	125.77	126.64	126.00	126.14	0.36	ppb
Strontium	88-1	127.96	128.19	128.45	128.20	0.19	ppb
Sulfur	34-1	16622.61	16898.67	16554.03	16691.77	1.09	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.09	0.07	0.08	8.94	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	3.29	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	31.28	ppb
Tin	118-1	0.10	0.09	0.10	0.10	10.06	ppb
Titanium	47-1	1.36	1.17	1.19	1.24	8.58	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	2.25	ppb
Vanadium	51-2	0.58	0.66	0.58	0.61	8.10	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-05	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-7-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:16:20	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	139.21	153.55	138.00	143.59	6.02	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	264.82	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	23.64	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-07	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-13-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:19:57	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.21	46.77	50.78	48.25	4.56	ppb
Antimony	121-1	0.10	0.13	0.14	0.13	15.24	ppb
Arsenic	75-1	0.26	0.27	0.32	0.28	12.15	ppb
Barium	135-1	37.02	37.93	36.53	37.16	1.91	ppb
Barium	137-1	37.02	37.61	37.15	37.26	0.82	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	34.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	34.97	37.52	37.49	36.66	3.99	ppb
Boron	11-1	37.54	38.02	37.02	37.53	1.33	ppb
Cadmium	111-1	-1.19	-1.31	-1.18	-1.23		ppb
Cadmium	106-1	-15.99	-17.40	-15.69	-16.36		ppb
Cadmium	108-1	-0.09	0.03	0.02	-0.01		ppb
Calcium	43-1	25938.30	26530.81	25844.50	26104.54	1.43	ppb
Calcium	44-1	26418.73	26892.90	26242.29	26517.97	1.27	ppb
Chromium	52-2	0.24	0.25	0.25	0.25	3.88	ppb
Cobalt	59-2	0.05	0.06	0.06	0.06	5.12	ppb
Copper	63-2	167.02	165.54	165.93	166.16	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	20.88	21.04	21.09	21.00	0.54	ppb
Iron	57-2	88.73	88.74	90.31	89.26	1.02	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.30	0.29	0.29	0.98	ppb
Lead	207-1	0.28	0.29	0.28	0.28	2.33	ppb
Lead	208-1	0.28	0.30	0.29	0.29	3.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	8958.16	8957.65	8953.31	8956.38	0.03	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-07	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-13-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:19:57	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.99	3.84	3.86	3.90	2.14	ppb
Molybdenum	94-1	0.54	0.50	0.51	0.52	4.01	ppb
Molybdenum	95-1	0.69	0.74	0.71	0.71	3.19	ppb
Molybdenum	96-1	0.72	0.73	0.70	0.72	2.14	ppb
Molybdenum	97-1	0.71	0.73	0.71	0.71	1.53	ppb
Molybdenum	98-1	0.69	0.74	0.72	0.72	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.89	53.27	53.73	53.63	0.60	ppb
Phosphorus	31-2	861.75	780.18	831.66	824.53	5.00	ppb
Potassium	39-2	2009.77	1987.96	1976.71	1991.48	0.84	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.41	0.20	0.20	99.94	ppb
Selenium	78-2	0.01	0.05	0.12	0.06	86.89	ppb
Selenium	82-1	0.56	0.36	0.37	0.43	26.23	ppb
Silicon	28-1	3599.86	3704.04	3611.94	3638.61	1.57	ppb
Silver	109-1	0.02	0.03	0.03	0.02	23.18	ppb
Silver	107-1	0.01	0.03	0.01	0.01	88.13	ppb
Sodium	23-2	29707.02	29539.86	29611.64	29619.51	0.28	ppb
Strontium	86-1	116.60	117.52	115.52	116.55	0.86	ppb
Strontium	88-1	117.22	119.66	116.21	117.70	1.51	ppb
Sulfur	34-1	17182.05	17811.98	17378.39	17457.47	1.85	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.54	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	7.02	ppb
Thorium	232-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.10	0.07	0.10	0.09	19.58	ppb
Titanium	47-1	1.18	1.14	1.18	1.17	2.01	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.09	ppb
Vanadium	51-2	0.51	0.50	0.48	0.50	2.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-07	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-13-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:19:57	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	408.35	404.59	404.52	405.82	0.54	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	96.02	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	84.02	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-09	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-14-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:23:33	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.59	34.27	34.21	34.02	1.10	ppb
Antimony	121-1	0.10	0.10	0.09	0.10	5.00	ppb
Arsenic	75-1	0.23	0.36	0.22	0.27	28.51	ppb
Barium	135-1	53.64	53.30	54.31	53.75	0.96	ppb
Barium	137-1	54.43	53.59	54.77	54.26	1.12	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	24.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	37.83	38.53	38.43	38.26	0.99	ppb
Boron	11-1	39.69	39.74	40.72	40.05	1.45	ppb
Cadmium	111-1	-1.22	-1.24	-1.32	-1.26		ppb
Cadmium	106-1	-16.26	-16.50	-17.52	-16.76		ppb
Cadmium	108-1	0.00	-0.02	0.00	-0.01		ppb
Calcium	43-1	35815.68	35828.83	35630.94	35758.48	0.31	ppb
Calcium	44-1	36260.89	36350.77	36365.33	36325.66	0.16	ppb
Chromium	52-2	0.27	0.29	0.28	0.28	2.87	ppb
Cobalt	59-2	0.06	0.06	0.05	0.06	10.95	ppb
Copper	63-2	77.61	78.49	78.34	78.15	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	22.74	23.34	22.62	22.90	1.69	ppb
Iron	57-2	116.55	120.11	118.20	118.29	1.50	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.27	0.26	0.27	3.55	ppb
Lead	207-1	0.25	0.24	0.23	0.24	4.66	ppb
Lead	208-1	0.27	0.26	0.25	0.26	3.67	ppb
Lithium	6-1				94		%
Magnesium	24-2	9833.49	9844.68	9840.22	9839.46	0.06	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-09	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-14-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:23:33	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.67	4.92	4.95	4.85	3.15	ppb
Molybdenum	94-1	0.48	0.46	0.46	0.47	2.17	ppb
Molybdenum	95-1	0.62	0.56	0.65	0.61	7.40	ppb
Molybdenum	96-1	0.60	0.63	0.64	0.62	3.58	ppb
Molybdenum	97-1	0.64	0.65	0.61	0.64	2.98	ppb
Molybdenum	98-1	0.61	0.60	0.61	0.61	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.52	1.45	1.47	1.48	2.26	ppb
Phosphorus	31-2	682.25	750.36	683.90	705.50	5.51	ppb
Potassium	39-2	1886.11	1896.18	1895.64	1892.65	0.30	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.41	0.00	0.21	0.21	99.67	ppb
Selenium	78-2	0.09	0.23	0.03	0.12	87.69	ppb
Selenium	82-1	0.49	0.32	0.33	0.38	24.69	ppb
Silicon	28-1	4257.51	4267.58	4265.15	4263.42	0.12	ppb
Silver	109-1	0.03	0.02	0.02	0.02	25.77	ppb
Silver	107-1	0.00	0.03	0.03	0.02	65.49	ppb
Sodium	23-2	30042.63	30080.09	29956.85	30026.52	0.21	ppb
Strontium	86-1	148.83	151.98	152.37	151.06	1.28	ppb
Strontium	88-1	152.06	152.18	153.04	152.43	0.35	ppb
Sulfur	34-1	17034.11	16967.61	16684.11	16895.28	1.10	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.05	0.04	0.04	12.26	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	3.49	ppb
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.08	0.06	0.09	0.08	19.42	ppb
Titanium	47-1	1.17	1.06	1.11	1.11	4.73	ppb
Uranium	238-1	0.25	0.26	0.25	0.25	2.88	ppb
Vanadium	51-2	0.73	0.76	0.75	0.75	1.64	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-09	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-14-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:23:33	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	221.07	221.16	222.03	221.42	0.24	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	29.79	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	23.30	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : K4701-11 Instrumnet Name : P7
 Client Sample ID : BATHROOM-BASEMENT Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 13:27:09 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.08	23.56	23.40	23.68	1.48	ppb
Antimony	121-1	0.08	0.09	0.11	0.09	14.83	ppb
Arsenic	75-1	0.21	0.28	0.29	0.26	16.30	ppb
Barium	135-1	56.20	56.15	54.82	55.72	1.41	ppb
Barium	137-1	56.85	56.23	55.83	56.30	0.91	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	102.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	41.89	43.03	42.74	42.55	1.39	ppb
Boron	11-1	43.62	44.02	43.13	43.59	1.01	ppb
Cadmium	111-1	-1.22	-1.19	-1.38	-1.26		ppb
Cadmium	106-1	-16.50	-15.98	-18.64	-17.04		ppb
Cadmium	108-1	0.03	0.15	0.00	0.06	140.13	ppb
Calcium	43-1	42176.48	41584.75	42225.40	41995.54	0.85	ppb
Calcium	44-1	42929.02	42233.34	42543.18	42568.51	0.82	ppb
Chromium	52-2	0.28	0.27	0.26	0.27	3.88	ppb
Cobalt	59-2	0.06	0.05	0.05	0.06	7.41	ppb
Copper	63-2	142.49	142.73	141.73	142.32	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	14.39	14.20	14.22	14.27	0.74	ppb
Iron	57-2	121.26	122.06	129.56	124.29	3.68	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.52	0.51	0.52	3.75	ppb
Lead	207-1	0.47	0.49	0.47	0.48	2.39	ppb
Lead	208-1	0.51	0.50	0.48	0.50	2.43	ppb
Lithium	6-1				93		%
Magnesium	24-2	10500.90	10528.50	10477.76	10502.39	0.24	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : K4701-11 Instrumnet Name : P7
 Client Sample ID : BATHROOM-BASEMENT Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 13:27:09 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.68	3.53	3.57	3.59	2.14	ppb
Molybdenum	94-1	0.44	0.42	0.42	0.43	2.69	ppb
Molybdenum	95-1	0.60	0.57	0.57	0.58	2.39	ppb
Molybdenum	96-1	0.61	0.59	0.57	0.59	3.63	ppb
Molybdenum	97-1	0.62	0.54	0.61	0.59	6.99	ppb
Molybdenum	98-1	0.56	0.55	0.58	0.57	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.63	2.70	2.69	2.67	1.49	ppb
Phosphorus	31-2	717.99	606.94	685.01	669.98	8.51	ppb
Potassium	39-2	1823.56	1834.60	1826.16	1828.11	0.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.21	0.07	173.21	ppb
Selenium	78-2	0.03	-0.20	0.25	0.03	835.23	ppb
Selenium	82-1	0.66	0.50	0.37	0.51	28.66	ppb
Silicon	28-1	4779.54	4740.11	4758.55	4759.40	0.41	ppb
Silver	109-1	0.05	0.04	0.04	0.04	14.60	ppb
Silver	107-1	0.04	0.03	0.05	0.04	26.77	ppb
Sodium	23-2	30625.93	30468.11	30447.90	30513.98	0.32	ppb
Strontium	86-1	174.67	173.57	171.77	173.33	0.84	ppb
Strontium	88-1	176.91	174.09	174.71	175.24	0.85	ppb
Sulfur	34-1	16791.73	16397.95	16503.22	16564.30	1.23	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.04	0.04	13.28	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.51	ppb
Thorium	232-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.06	0.05	0.05	0.05	11.21	ppb
Titanium	47-1	1.00	1.13	1.04	1.06	6.03	ppb
Uranium	238-1	0.39	0.37	0.38	0.38	1.90	ppb
Vanadium	51-2	0.86	0.85	0.82	0.84	2.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-11	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-BASEMEN	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:27:09	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	183.60	184.90	183.32	183.94	0.46	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	41.58	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	45.60	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-13	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:30:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.48	3.70	2.93	3.37	11.71	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	44.99	ppb
Arsenic	75-1	0.04	0.13	0.06	0.08	59.34	ppb
Barium	135-1	0.08	0.08	0.08	0.08	4.30	ppb
Barium	137-1	0.11	0.09	0.11	0.10	11.70	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	75.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	4.82	4.00	3.54	4.12	15.81	ppb
Boron	11-1	4.40	4.15	3.84	4.13	6.81	ppb
Cadmium	111-1	-1.31	-1.33	-1.46	-1.37		ppb
Cadmium	106-1	-17.34	-17.44	-19.19	-17.99		ppb
Cadmium	108-1	-0.08	-0.04	-0.05	-0.06		ppb
Calcium	43-1	19.02	18.60	22.66	20.09	11.13	ppb
Calcium	44-1	19.17	18.20	19.01	18.79	2.78	ppb
Chromium	52-2	0.23	0.22	0.18	0.21	12.25	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	134.60	ppb
Copper	63-2	0.05	0.05	0.06	0.05	4.81	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				103		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	5.34	5.36	5.35	5.35	0.16	ppb
Iron	57-2	5.17	5.77	5.53	5.49	5.56	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.14	0.17	0.16	6.95	ppb
Lead	207-1	0.15	0.14	0.14	0.14	3.71	ppb
Lead	208-1	0.16	0.15	0.16	0.16	3.12	ppb
Lithium	6-1				92		%
Magnesium	24-2	2.30	2.43	2.46	2.40	3.48	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-13	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:30:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.13	0.14	0.14	0.14	4.28	ppb
Molybdenum	94-1	0.03	0.02	0.01	0.02	55.49	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	16.88	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	5.23	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.03	19.33	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.02	12.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.10	0.11	0.10	12.89	ppb
Phosphorus	31-2	-25.55	-27.98	-32.21	-28.58		ppb
Potassium	39-2	22.14	22.35	27.56	24.02	12.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	-0.34	0.49	0.06	698.95	ppb
Selenium	82-1	0.15	0.03	-0.20	-0.01		ppb
Silicon	28-1	4.45	4.57	4.58	4.53	1.59	ppb
Silver	109-1	0.00	0.01	0.01	0.01	44.16	ppb
Silver	107-1	-0.01	-0.01	0.01	0.00		ppb
Sodium	23-2	37.67	39.64	38.21	38.50	2.64	ppb
Strontium	86-1	0.03	0.05	0.02	0.03	43.88	ppb
Strontium	88-1	0.05	0.05	0.05	0.05	3.42	ppb
Sulfur	34-1	398.36	263.50	164.88	275.58	42.53	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.03	0.04	15.14	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.24	ppb
Thorium	232-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.02	0.03	0.02	0.02	28.91	ppb
Titanium	47-1	0.07	0.10	0.08	0.08	20.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	35.38	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-13	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:30:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.09	6.78	7.07	6.98	2.47	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:34:23	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51866.86	51607.50	51548.60	51674.32	0.33	ppb
Antimony	121-1	467.61	470.02	474.55	470.73	0.75	ppb
Arsenic	75-1	474.29	479.80	477.62	477.23	0.58	ppb
Barium	135-1	2394.88	2403.72	2435.02	2411.21	0.87	ppb
Barium	137-1	2420.60	2409.31	2453.52	2427.81	0.95	ppb
Beryllium	9-1	462.89	461.56	481.07	468.51	2.33	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	459.78	465.09	498.51	474.46	4.43	ppb
Boron	11-1	455.21	466.38	486.92	469.50	3.43	ppb
Cadmium	111-1	461.93	463.39	464.02	463.11	0.23	ppb
Cadmium	106-1	451.39	457.21	462.10	456.90	1.17	ppb
Cadmium	108-1	466.53	466.26	467.88	466.89	0.19	ppb
Calcium	43-1	231283.40	233614.99	229859.86	231586.09	0.82	ppb
Calcium	44-1	231703.35	231765.11	230925.33	231464.60	0.20	ppb
Chromium	52-2	479.75	482.50	478.80	480.35	0.40	ppb
Cobalt	59-2	464.67	464.61	465.68	464.99	0.13	ppb
Copper	63-2	978.15	977.66	976.98	977.60	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	56-2	121842.58	122338.37	122458.37	122213.11	0.27	ppb
Iron	57-2	122102.27	121289.99	121405.98	121599.41	0.36	ppb
Krypton	83-1						cps
Lead	206-1	494.62	487.27	493.04	491.64	0.79	ppb
Lead	207-1	486.21	478.47	484.77	483.15	0.85	ppb
Lead	208-1	488.97	480.46	489.25	486.23	1.03	ppb
Lithium	6-1				87		%
Magnesium	24-2	244832.33	244422.79	244423.14	244559.42	0.10	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:34:23	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	948.70	947.37	943.95	946.67	0.26	ppb
Molybdenum	94-1	2436.92	2463.25	2438.07	2446.08	0.61	ppb
Molybdenum	95-1	2465.12	2476.03	2457.73	2466.29	0.37	ppb
Molybdenum	96-1	2453.90	2476.38	2462.20	2464.16	0.46	ppb
Molybdenum	97-1	2466.45	2460.73	2462.44	2463.21	0.12	ppb
Molybdenum	98-1	2461.21	2458.79	2446.74	2455.58	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.62	468.38	463.94	465.64	0.51	ppb
Phosphorus	31-2	9743.65	9570.35	9425.77	9579.92	1.66	ppb
Potassium	39-2	121923.53	121386.65	121349.20	121553.13	0.26	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	489.43	500.72	507.67	499.28	1.84	ppb
Selenium	78-2	499.36	501.65	511.20	504.07	1.25	ppb
Selenium	82-1	494.38	497.07	495.57	495.67	0.27	ppb
Silicon	28-1	576.07	598.95	608.40	594.47	2.80	ppb
Silver	109-1	1246.57	1254.86	1264.18	1255.21	0.70	ppb
Silver	107-1	1276.39	1280.12	1301.47	1285.99	1.05	ppb
Sodium	23-2	239782.35	239226.56	238392.10	239133.67	0.29	ppb
Strontium	86-1	472.68	470.53	469.72	470.97	0.32	ppb
Strontium	88-1	477.48	476.62	476.10	476.73	0.15	ppb
Sulfur	34-1	9335.32	9477.60	9267.66	9360.19	1.14	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	498.91	497.43	501.35	499.23	0.40	ppb
Thallium	205-1	500.09	493.67	496.00	496.59	0.65	ppb
Thorium	232-1	484.78	488.73	482.98	485.50	0.61	ppb
Tin	118-1	478.59	478.65	482.09	479.77	0.42	ppb
Titanium	47-1	2437.10	2446.60	2422.42	2435.37	0.50	ppb
Uranium	238-1	485.36	480.15	476.87	480.79	0.89	ppb
Vanadium	51-2	476.28	478.25	476.28	476.93	0.24	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:34:23	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	913.61	916.80	915.73	915.38	0.18	ppb
Zirconium	90-1	482.19	490.07	485.42	485.89	0.82	ppb
Zirconium	91-1	477.16	481.55	475.32	478.01	0.67	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:38:06	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.92	0.37	0.58	50.90	ppb
Antimony	121-1	0.37	0.40	0.43	0.40	8.52	ppb
Arsenic	75-1	-0.02	0.13	-0.03	0.03	293.58	ppb
Barium	135-1	0.01	0.02	0.01	0.01	48.56	ppb
Barium	137-1	0.05	0.04	0.03	0.04	24.26	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	2.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	14.30	14.03	13.98	14.10	1.21	ppb
Boron	11-1	15.69	15.15	13.18	14.67	9.01	ppb
Cadmium	111-1	-1.23	-1.34	-1.27	-1.28		ppb
Cadmium	106-1	-16.46	-17.61	-16.80	-16.96		ppb
Cadmium	108-1	-0.03	-0.05	0.01	-0.02		ppb
Calcium	43-1	4.25	2.01	1.27	2.51	61.74	ppb
Calcium	44-1	1.90	1.08	-0.09	0.96	104.11	ppb
Chromium	52-2	0.03	0.01	0.03	0.02	47.09	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.03	0.05	0.04	23.57	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				103		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	2.17	2.26	2.32	2.25	3.25	ppb
Iron	57-2	2.96	2.53	2.47	2.65	10.06	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.03	0.02	16.60	ppb
Lead	207-1	0.01	0.01	0.01	0.01	11.85	ppb
Lead	208-1	0.03	0.02	0.02	0.02	21.45	ppb
Lithium	6-1				93		%
Magnesium	24-2	2.43	3.15	3.23	2.94	15.08	ppb

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:38:06	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.01	128.05	ppb
Molybdenum	94-1	0.65	0.59	0.49	0.58	13.94	ppb
Molybdenum	95-1	0.80	0.77	0.62	0.73	13.60	ppb
Molybdenum	96-1	0.80	0.69	0.63	0.71	12.65	ppb
Molybdenum	97-1	0.79	0.74	0.60	0.71	14.26	ppb
Molybdenum	98-1	0.81	0.70	0.62	0.71	13.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-32.68	-36.74	-30.00	-33.14		ppb
Potassium	39-2	43.07	41.30	45.10	43.16	4.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	0.21	0.21	0.21	0.21	1.00	ppb
Selenium	78-2	-0.02	0.03	-0.17	-0.05		ppb
Selenium	82-1	0.02	0.06	0.30	0.13	114.15	ppb
Silicon	28-1	2.07	1.06	0.78	1.30	52.20	ppb
Silver	109-1	0.05	0.04	0.04	0.04	12.32	ppb
Silver	107-1	0.05	0.03	0.03	0.04	38.31	ppb
Sodium	23-2	54.78	55.54	55.82	55.38	0.98	ppb
Strontium	86-1	-0.03	0.00	0.00	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	10.74	ppb
Sulfur	34-1	269.95	225.28	115.57	203.60	39.02	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.09	0.08	0.09	9.10	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	9.44	ppb
Thorium	232-1	0.08	0.08	0.08	0.08	2.98	ppb
Tin	118-1	0.14	0.16	0.16	0.15	7.75	ppb
Titanium	47-1	0.04	0.04	0.07	0.05	37.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	78.70	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	8.00	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P7
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:38:06	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.32	0.43	0.42	0.39	15.94	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	29.05	ppb
Zirconium	91-1	0.01	0.03	0.04	0.02	66.38	ppb

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 11:31:24 DataFile Name : 002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	150	100	44.10	cps
Antimony	121-1	292	292	367	317	13.68	cps
Arsenic	75-1	-709	-689	-708	-702	-1.66	cps
Barium	135-1	125	92	125	114	16.90	cps
Barium	137-1	58	67	8	44	70.99	cps
Beryllium	9-1	97	103	110	103	6.45	cps
Bismuth	209-1	22873060	22408618	22242939	22508206	1.45	cps
Bismuth	209-2	11958020	11885153	11852230	11898468	0.45	cps
Boron	10-1	1700	1742	1533	1658	6.65	cps
Boron	11-1	7677	7544	7394	7538	1.88	cps
Cadmium	111-1	23081	21606	22544	22410	3.33	cps
Cadmium	106-1	32914	30876	32221	32004	3.24	cps
Cadmium	108-1	67	58	92	72	24.02	cps
Calcium	43-1	183	225	133	181	25.42	cps
Calcium	44-1	24413	24522	23679	24205	1.90	cps
Chromium	52-2	923	893	993	937	5.48	cps
Cobalt	59-2	137	93	130	120	19.44	cps
Copper	63-2	1660	1627	1520	1602	4.56	cps
Dysprosium	156-1	50	42	25	39	32.73	cps
Dysprosium	156-2	47	17	23	29	54.53	cps
Erbium	164-1	175	183	142	167	13.23	cps
Erbium	164-2	93	103	97	98	5.21	cps
Gadolinium	160-1	558	475	325	453	26.12	cps
Gadolinium	160-2	467	580	487	511	11.84	cps
Holmium	165-1	32529090	31633350	31482938	31881793	1.77	cps
Holmium	165-2	15351360	15254494	15232320	15279391	0.41	cps
Indium	115-1	22555507	22316130	22198982	22356873	0.81	cps
Indium	115-2	4368553	4313870	4347408	4343277	0.63	cps
Iron	56-2	3928	3901	3840	3890	1.17	cps
Iron	57-2	111	128	111	117	8.25	cps
Krypton	83-1	510	457	537	501	8.13	cps
Lead	206-1	1934	1717	1906	1852	6.37	cps
Lead	207-1	1722	1778	1884	1795	4.56	cps
Lead	208-1	6640	6590	6823	6684	1.84	cps
Lithium	6-1	4287285	4225336	4212682	4241768	0.94	cps
Magnesium	24-2	450	417	550	472	14.69	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:31:24	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	127	80	113	25.64	cps
Molybdenum	94-1	667	725	958	783	19.70	cps
Molybdenum	95-1	92	67	108	89	23.59	cps
Molybdenum	96-1	158	267	142	189	35.93	cps
Molybdenum	97-1	33	75	100	69	48.50	cps
Molybdenum	98-1	100	92	158	117	31.14	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	10	3	27	13	90.16	cps
Nickel	60-2	197	207	317	240	27.74	cps
Phosphorus	31-2	342	317	367	342	7.32	cps
Potassium	39-2	25665	25957	25948	25857	0.64	cps
Rhodium	103-1	20519849	20195763	20252583	20322732	0.85	cps
Rhodium	103-2	10310713	10281730	10231251	10274565	0.39	cps
Scandium	45-1	11863781	11587709	11609008	11686833	1.31	cps
Scandium	45-2	567351	559166	562249	562922	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	56	44	45	22.63	cps
Selenium	82-1	-10	-10	-48	-23	-97.18	cps
Silicon	28-1	162380	163610	163038	163009	0.38	cps
Silver	109-1	150	200	158	169	15.81	cps
Silver	107-1	467	492	483	481	2.65	cps
Sodium	23-2	39144	37556	38334	38345	2.07	cps
Strontium	86-1	717	717	883	772	12.46	cps
Strontium	88-1	83	200	158	147	40.16	cps
Sulfur	34-1	641322	631853	633468	635548	0.80	cps
Terbium	159-1	32552830	31790744	31876580	32073385	1.30	cps
Terbium	159-2	15023031	14908758	14983117	14971635	0.39	cps
Thallium	203-1	1058	1050	842	983	12.48	cps
Thallium	205-1	1467	1350	1317	1378	5.72	cps
Thorium	232-1	4234	4623	4401	4419	4.42	cps
Tin	118-1	2309	2209	2150	2222	3.60	cps
Titanium	47-1	183	167	200	183	9.09	cps
Uranium	238-1	4134	4576	4559	4423	5.66	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	43628358	42582889	42629946	42947064	1.37	cps
Yttrium	89-2	5968437	5953181	5924719	5948779	0.37	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:31:24	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	693	690	690	691	0.28	cps
Zirconium	90-1	2542	2325	2125	2331	8.94	cps
Zirconium	91-1	400	417	300	372	16.95	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:34:59	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3084	2567	2150	2600	17.98	cps
Antimony	121-1	35630	37142	36014	36262	2.17	cps
Arsenic	75-1	2209	2048	2854	2371	17.99	cps
Barium	135-1	44782	44121	45693	44865	1.76	cps
Barium	137-1	78238	79075	78522	78612	0.54	cps
Beryllium	9-1	2874	2657	2840	2790	4.18	cps
Bismuth	209-1	23762405	23389643	23891388	23681145	1.10	cps
Bismuth	209-2	12736361	12577802	12616149	12643437	0.65	cps
Boron	10-1	12773	13081	13323	13059	2.11	cps
Boron	11-1	60949	62730	64439	62706	2.78	cps
Cadmium	111-1	27077	27623	27825	27508	1.41	cps
Cadmium	106-1	31461	32045	32396	31967	1.48	cps
Cadmium	108-1	608	550	488	549	11.01	cps
Calcium	43-1	24538	22668	24037	23748	4.08	cps
Calcium	44-1	404380	402203	410305	405629	1.03	cps
Chromium	52-2	10454	9446	8759	9553	8.92	cps
Cobalt	59-2	8376	7919	7555	7950	5.17	cps
Copper	63-2	13964	13253	12389	13202	5.97	cps
Dysprosium	156-1	42	50	67	53	24.12	cps
Dysprosium	156-2	57	23	20	33	60.84	cps
Erbium	164-1	133	150	192	158	18.98	cps
Erbium	164-2	93	127	100	107	16.53	cps
Gadolinium	160-1	350	375	283	336	14.10	cps
Gadolinium	160-2	517	427	453	466	9.93	cps
Holmium	165-1	33341372	33112884	33817300	33423852	1.08	cps
Holmium	165-2	16331905	16275716	16220216	16275946	0.34	cps
Indium	115-1	23358264	23138064	23756245	23417524	1.34	cps
Indium	115-2	4462554	4430433	4443073	4445353	0.36	cps
Iron	56-2	226786	206888	191448	208374	8.50	cps
Iron	57-2	6207	5151	4823	5394	13.41	cps
Krypton	83-1	543	513	460	506	8.35	cps
Lead	206-1	21167	20767	21045	20993	0.98	cps
Lead	207-1	18335	18747	18402	18495	1.19	cps
Lead	208-1	83253	82707	82373	82777	0.54	cps
Lithium	6-1	4304201	4255885	4343010	4301032	1.01	cps
Magnesium	24-2	189205	172583	160821	174203	8.19	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:34:59	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3124	3024	2740	2963	6.71	cps
Molybdenum	94-1	35662	35044	36456	35721	1.98	cps
Molybdenum	95-1	45766	43551	46862	45393	3.72	cps
Molybdenum	96-1	48442	49805	49571	49272	1.48	cps
Molybdenum	97-1	29013	28905	27719	28546	2.51	cps
Molybdenum	98-1	73046	73364	73256	73222	0.22	cps
Neodymium	150-1	7	33	13	18	78.05	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	2580	2364	2160	2368	8.87	cps
Phosphorus	31-2	792	833	758	795	4.73	cps
Potassium	39-2	188060	183107	174321	181829	3.83	cps
Rhodium	103-1	21073345	20949057	21328141	21116848	0.92	cps
Rhodium	103-2	10809793	10765626	10763121	10779513	0.24	cps
Scandium	45-1	11859675	11770351	12067199	11899075	1.28	cps
Scandium	45-2	572678	570121	565441	569413	0.64	cps
Selenium	77-2	50	90	80	73	28.39	cps
Selenium	78-2	328	326	281	312	8.41	cps
Selenium	82-1	1980	2042	2054	2026	1.95	cps
Silicon	28-1	245864	245516	248956	246779	0.77	cps
Silver	109-1	19523	19623	20324	19823	2.20	cps
Silver	107-1	20490	21075	21400	20988	2.20	cps
Sodium	23-2	401847	379507	359224	380193	5.61	cps
Strontium	86-1	6110	6560	6402	6357	3.59	cps
Strontium	88-1	47220	47471	47354	47348	0.26	cps
Sulfur	34-1	641738	644093	644224	643352	0.22	cps
Terbium	159-1	33538446	33491357	34200644	33743482	1.18	cps
Terbium	159-2	16077906	15998617	15816909	15964477	0.84	cps
Thallium	203-1	24557	23705	24565	24276	2.04	cps
Thallium	205-1	56856	55240	56421	56172	1.49	cps
Thorium	232-1	79948	77987	78630	78855	1.27	cps
Tin	118-1	86063	85092	86123	85759	0.67	cps
Titanium	47-1	11605	11588	11263	11486	1.68	cps
Uranium	238-1	82402	81446	82971	82273	0.94	cps
Vanadium	51-2	19386	17687	16236	17770	8.87	cps
Yttrium	89-1	44148529	43905649	44834151	44296110	1.09	cps
Yttrium	89-2	6344760	6284045	6253555	6294120	0.74	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:34:59	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2904	2750	2797	2817	2.79	cps
Zirconium	90-1	28513	27127	27611	27750	2.53	cps
Zirconium	91-1	6002	6160	6327	6163	2.64	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:39:58	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194034	191250	194625	193303	0.93	cps
Antimony	121-1	1121840	1110617	1121578	1118012	0.57	cps
Arsenic	75-1	228189	230495	232394	230359	0.91	cps
Barium	135-1	1328331	1305893	1314242	1316155	0.86	cps
Barium	137-1	2323564	2301537	2301760	2308954	0.55	cps
Beryllium	9-1	165170	163391	161838	163466	1.02	cps
Bismuth	209-1	25103634	24739075	24844885	24895864	0.75	cps
Bismuth	209-2	13180526	13034875	13020893	13078765	0.68	cps
Boron	10-1	28628	27392	27100	27707	2.93	cps
Boron	11-1	131628	133822	132940	132797	0.83	cps
Cadmium	111-1	364439	363401	362370	363403	0.28	cps
Cadmium	106-1	69454	70417	70074	69982	0.70	cps
Cadmium	108-1	27122	26008	27080	26737	2.36	cps
Calcium	43-1	282604	279487	276194	279428	1.15	cps
Calcium	44-1	4653776	4557200	4571516	4594164	1.13	cps
Chromium	52-2	315605	310385	308669	311553	1.16	cps
Cobalt	59-2	543527	538045	536071	539214	0.72	cps
Copper	63-2	805321	795539	790928	797263	0.92	cps
Dysprosium	156-1	75	25	58	53	48.24	cps
Dysprosium	156-2	47	43	53	48	10.66	cps
Erbium	164-1	100	208	117	142	41.18	cps
Erbium	164-2	67	147	113	109	36.90	cps
Gadolinium	160-1	283	358	508	383	29.89	cps
Gadolinium	160-2	527	460	510	499	6.95	cps
Holmium	165-1	35752604	35316135	35198663	35422467	0.82	cps
Holmium	165-2	16886656	16704878	16701296	16764277	0.63	cps
Indium	115-1	24548901	24349689	24201490	24366693	0.72	cps
Indium	115-2	4506701	4482167	4459891	4482919	0.52	cps
Iron	56-2	14214261	14004204	13963994	14060820	0.96	cps
Iron	57-2	349680	346899	345086	347221	0.67	cps
Krypton	83-1	540	480	437	486	10.69	cps
Lead	206-1	1142672	1139093	1138752	1140172	0.19	cps
Lead	207-1	1019079	1007195	1010205	1012160	0.61	cps
Lead	208-1	4624014	4585772	4608193	4605993	0.42	cps
Lithium	6-1	4488441	4497699	4455569	4480570	0.49	cps
Magnesium	24-2	2366863	2345151	2325699	2345905	0.88	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:39:58	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	378207	370717	368252	372392	1.39	cps
Molybdenum	94-1	2192126	2164073	2172859	2176353	0.66	cps
Molybdenum	95-1	2740151	2705429	2699874	2715152	0.80	cps
Molybdenum	96-1	3023295	3003698	3005839	3010944	0.36	cps
Molybdenum	97-1	1698522	1712736	1694127	1701795	0.57	cps
Molybdenum	98-1	4391431	4397048	4403946	4397475	0.14	cps
Neodymium	150-1	187	147	133	156	17.84	cps
Neodymium	150-2	13	30	13	19	50.96	cps
Nickel	60-2	145904	144930	145631	145488	0.35	cps
Phosphorus	31-2	10421	9829	9954	10068	3.10	cps
Potassium	39-2	993298	984109	970241	982549	1.18	cps
Rhodium	103-1	22004625	21848340	21796554	21883173	0.49	cps
Rhodium	103-2	10932112	10796757	10781299	10836723	0.77	cps
Scandium	45-1	12333762	12244320	12240071	12272718	0.43	cps
Scandium	45-2	578502	573441	569261	573735	0.81	cps
Selenium	77-2	1030	1067	1050	1049	1.75	cps
Selenium	78-2	3578	3532	3526	3546	0.80	cps
Selenium	82-1	24397	24054	23795	24082	1.26	cps
Silicon	28-1	708936	704006	705918	706287	0.35	cps
Silver	109-1	1468550	1441171	1443560	1451094	1.05	cps
Silver	107-1	1518174	1504711	1524342	1515743	0.66	cps
Sodium	23-2	4465985	4433064	4378754	4425934	1.00	cps
Strontium	86-1	321665	319140	320503	320436	0.39	cps
Strontium	88-1	2828939	2794831	2798682	2807484	0.67	cps
Sulfur	34-1	737056	731292	730984	733111	0.47	cps
Terbium	159-1	35861584	35593534	35569260	35674793	0.45	cps
Terbium	159-2	16488118	16244635	16346140	16359631	0.75	cps
Thallium	203-1	1401139	1385325	1374440	1386968	0.97	cps
Thallium	205-1	3362222	3349899	3364541	3358887	0.23	cps
Thorium	232-1	4928340	4905205	4891995	4908513	0.37	cps
Tin	118-1	967369	940572	954148	954030	1.40	cps
Titanium	47-1	622518	628529	623397	624815	0.52	cps
Uranium	238-1	4940462	4931110	4902670	4924748	0.40	cps
Vanadium	51-2	237626	237378	233552	236185	0.97	cps
Yttrium	89-1	46519633	46027358	45920203	46155731	0.69	cps
Yttrium	89-2	6355596	6269178	6303653	6309476	0.69	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:39:58	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	137877	136989	134559	136475	1.26	cps
Zirconium	90-1	1707477	1692766	1679369	1693204	0.83	cps
Zirconium	91-1	379719	373513	372103	375112	1.08	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:44:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	428902	425934	412323	422386	2.09	cps
Antimony	121-1	2640118	2629529	2614337	2627995	0.49	cps
Arsenic	75-1	539672	524663	523528	529288	1.70	cps
Barium	135-1	3090890	3063093	3030181	3061388	0.99	cps
Barium	137-1	5413785	5439605	5325254	5392881	1.11	cps
Beryllium	9-1	375323	371375	368291	371663	0.95	cps
Bismuth	209-1	25042175	24606686	24704260	24784374	0.92	cps
Bismuth	209-2	12534582	12412655	12145723	12364320	1.61	cps
Boron	10-1	60037	60957	60723	60572	0.79	cps
Boron	11-1	289244	291098	295686	292009	1.14	cps
Cadmium	111-1	807921	810705	803913	807513	0.42	cps
Cadmium	106-1	118249	118637	119459	118782	0.52	cps
Cadmium	108-1	62822	61165	60981	61656	1.64	cps
Calcium	43-1	640798	635521	635868	637396	0.46	cps
Calcium	44-1	10617791	10403088	10391330	10470736	1.22	cps
Chromium	52-2	693389	684953	674066	684136	1.42	cps
Cobalt	59-2	1195260	1189100	1163098	1182486	1.44	cps
Copper	63-2	1746426	1758886	1713011	1739441	1.36	cps
Dysprosium	156-1	100	83	83	89	10.83	cps
Dysprosium	156-2	57	77	77	70	16.49	cps
Erbium	164-1	117	133	83	111	22.91	cps
Erbium	164-2	110	57	93	87	31.48	cps
Gadolinium	160-1	300	400	450	383	19.92	cps
Gadolinium	160-2	383	427	450	420	8.05	cps
Holmium	165-1	35765402	34861222	34821664	35149429	1.52	cps
Holmium	165-2	16232654	16032637	15604439	15956576	2.01	cps
Indium	115-1	23937166	23619235	23703503	23753301	0.69	cps
Indium	115-2	4194761	4147947	4079967	4140892	1.39	cps
Iron	56-2	31241694	31248360	30531062	31007039	1.33	cps
Iron	57-2	774683	765786	748929	763133	1.71	cps
Krypton	83-1	487	473	460	473	2.82	cps
Lead	206-1	2707120	2682346	2693539	2694335	0.46	cps
Lead	207-1	2410834	2398437	2390144	2399805	0.43	cps
Lead	208-1	11002279	10959734	10925493	10962502	0.35	cps
Lithium	6-1	4392032	4278175	4265389	4311866	1.62	cps
Magnesium	24-2	5239328	5212272	5086177	5179259	1.58	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:44:09	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	823988	822871	805757	817538	1.25	cps
Molybdenum	94-1	5049830	5004987	5008202	5021006	0.50	cps
Molybdenum	95-1	6273055	6220695	6178738	6224163	0.76	cps
Molybdenum	96-1	7055155	6946177	6940904	6980745	0.92	cps
Molybdenum	97-1	3969084	3930637	3917228	3938983	0.68	cps
Molybdenum	98-1	10322490	10227273	10151454	10233739	0.84	cps
Neodymium	150-1	293	280	227	267	13.23	cps
Neodymium	150-2	13	20	27	20	33.35	cps
Nickel	60-2	319812	317530	311761	316367	1.31	cps
Phosphorus	31-2	21800	21383	21792	21658	1.10	cps
Potassium	39-2	2131887	2111444	2068475	2103936	1.54	cps
Rhodium	103-1	21407332	20859295	20972486	21079704	1.37	cps
Rhodium	103-2	10247182	10120425	9798252	10055286	2.30	cps
Scandium	45-1	12009995	11729154	11825278	11854809	1.20	cps
Scandium	45-2	529110	527947	517905	524987	1.17	cps
Selenium	77-2	2317	2140	2344	2267	4.88	cps
Selenium	78-2	7865	7745	7446	7685	2.81	cps
Selenium	82-1	55784	55234	55173	55397	0.61	cps
Silicon	28-1	1403364	1387392	1380315	1390357	0.85	cps
Silver	109-1	3347394	3297885	3287622	3310967	0.97	cps
Silver	107-1	3494812	3451576	3465547	3470645	0.64	cps
Sodium	23-2	9930881	9873898	9554934	9786571	2.07	cps
Strontium	86-1	745903	728233	732556	735564	1.25	cps
Strontium	88-1	6560657	6460073	6425419	6482050	1.08	cps
Sulfur	34-1	822394	813761	818869	818341	0.53	cps
Terbium	159-1	35696329	35142919	35214484	35351244	0.85	cps
Terbium	159-2	15605383	15636039	15266004	15502475	1.32	cps
Thallium	203-1	3308002	3289942	3236694	3278213	1.13	cps
Thallium	205-1	7973757	7888669	7818287	7893571	0.99	cps
Thorium	232-1	11894443	11696921	11738004	11776456	0.89	cps
Tin	118-1	2231326	2219810	2218761	2223299	0.31	cps
Titanium	47-1	1446009	1406598	1410909	1421172	1.52	cps
Uranium	238-1	11873557	11639786	11668072	11727138	1.09	cps
Vanadium	51-2	525049	519325	510216	518196	1.44	cps
Yttrium	89-1	45381874	44700308	44736671	44939618	0.85	cps
Yttrium	89-2	5955839	5846829	5722469	5841713	2.00	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:44:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	296989	298012	290897	295299	1.30	cps
Zirconium	90-1	3936133	3913067	3868943	3906047	0.87	cps
Zirconium	91-1	871887	861692	860710	864763	0.72	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:47:57	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	801558	802497	799584	801213	0.19	cps
Antimony	121-1	4938593	4878389	4873957	4896980	0.74	cps
Arsenic	75-1	929684	940280	927244	932403	0.74	cps
Barium	135-1	5794386	5753339	5722172	5756632	0.63	cps
Barium	137-1	9969800	9999293	9951131	9973408	0.24	cps
Beryllium	9-1	659360	656911	654335	656869	0.38	cps
Bismuth	209-1	23307218	23406521	23124391	23279377	0.61	cps
Bismuth	209-2	11861072	12037901	11814199	11904391	0.99	cps
Boron	10-1	111443	110335	113098	111625	1.25	cps
Boron	11-1	526196	540154	544378	536909	1.77	cps
Cadmium	111-1	1453266	1444128	1446164	1447853	0.33	cps
Cadmium	106-1	184368	186148	188851	186456	1.21	cps
Cadmium	108-1	112647	111257	111791	111899	0.63	cps
Calcium	43-1	1161770	1157286	1140003	1153019	1.00	cps
Calcium	44-1	19023549	18975828	18744276	18914551	0.79	cps
Chromium	52-2	1288626	1287091	1288860	1288192	0.07	cps
Cobalt	59-2	2211372	2202540	2220535	2211482	0.41	cps
Copper	63-2	3251097	3238925	3244668	3244897	0.19	cps
Dysprosium	156-1	167	92	117	125	30.55	cps
Dysprosium	156-2	103	80	113	99	17.30	cps
Erbium	164-1	217	117	158	164	30.65	cps
Erbium	164-2	100	93	67	87	20.35	cps
Gadolinium	160-1	375	192	300	289	31.90	cps
Gadolinium	160-2	403	460	417	427	6.94	cps
Holmium	165-1	33506702	33316649	33214724	33346025	0.44	cps
Holmium	165-2	15602057	15657128	15456732	15571972	0.66	cps
Indium	115-1	21826617	21871381	21819092	21839030	0.13	cps
Indium	115-2	3927385	3923851	3911070	3920769	0.22	cps
Iron	56-2	58617592	58632467	59345244	58865101	0.71	cps
Iron	57-2	1446248	1443828	1452814	1447630	0.32	cps
Krypton	83-1	407	463	427	432	6.65	cps
Lead	206-1	5146117	5158029	5131644	5145263	0.26	cps
Lead	207-1	4587352	4545628	4554407	4562462	0.48	cps
Lead	208-1	20786186	20648095	20618936	20684405	0.43	cps
Lithium	6-1	3894900	3899417	3877811	3890709	0.29	cps
Magnesium	24-2	9750908	9829380	9782104	9787464	0.40	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:47:57	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1541471	1551364	1557699	1550178	0.53	cps
Molybdenum	94-1	9126409	9126823	9146449	9133227	0.13	cps
Molybdenum	95-1	11446558	11425652	11408531	11426914	0.17	cps
Molybdenum	96-1	12793327	12824396	12903926	12840549	0.44	cps
Molybdenum	97-1	7203218	7231283	7232385	7222295	0.23	cps
Molybdenum	98-1	18748968	18818050	18660693	18742570	0.42	cps
Neodymium	150-1	427	613	447	496	20.68	cps
Neodymium	150-2	40	30	57	42	31.91	cps
Nickel	60-2	587895	588455	586952	587767	0.13	cps
Phosphorus	31-2	40564	41275	39905	40581	1.69	cps
Potassium	39-2	3941932	3981907	3972422	3965420	0.53	cps
Rhodium	103-1	18972684	19030274	18995759	18999572	0.15	cps
Rhodium	103-2	9473167	9551548	9503692	9509469	0.42	cps
Scandium	45-1	10651464	10647435	10530326	10609741	0.65	cps
Scandium	45-2	495300	500104	497427	497611	0.48	cps
Selenium	77-2	3881	4164	4211	4085	4.37	cps
Selenium	78-2	14190	13859	13797	13949	1.52	cps
Selenium	82-1	97353	97107	96896	97119	0.24	cps
Silicon	28-1	2335929	2342951	2347631	2342170	0.25	cps
Silver	109-1	6054122	6016305	6027463	6032630	0.32	cps
Silver	107-1	6296968	6278013	6226405	6267129	0.58	cps
Sodium	23-2	18425055	18401894	18567604	18464851	0.49	cps
Strontium	86-1	1350571	1351447	1349437	1350485	0.07	cps
Strontium	88-1	11864413	11887229	11848067	11866570	0.17	cps
Sulfur	34-1	959340	950145	949179	952888	0.59	cps
Terbium	159-1	33478105	33427361	33359688	33421718	0.18	cps
Terbium	159-2	15041346	15060904	15008622	15036957	0.18	cps
Thallium	203-1	6334916	6299422	6270528	6301622	0.51	cps
Thallium	205-1	15010624	15055345	14962151	15009373	0.31	cps
Thorium	232-1	22734872	22559781	22360299	22551651	0.83	cps
Tin	118-1	4146003	4097900	4116797	4120233	0.59	cps
Titanium	47-1	2565250	2544847	2545568	2551888	0.45	cps
Uranium	238-1	22209340	22164743	22092956	22155679	0.27	cps
Vanadium	51-2	974434	984618	978794	979282	0.52	cps
Yttrium	89-1	40777524	41187852	40901271	40955549	0.51	cps
Yttrium	89-2	5543420	5599349	5578986	5573918	0.51	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:47:57	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	540935	538479	538325	539246	0.27	cps
Zirconium	90-1	7140048	7152673	7128949	7140557	0.17	cps
Zirconium	91-1	1588231	1588590	1584117	1586980	0.16	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:51:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1533337	1544150	1531462	1536316	0.45	cps
Antimony	121-1	9202358	9170506	9214597	9195820	0.25	cps
Arsenic	75-1	1745568	1718725	1737618	1733970	0.80	cps
Barium	135-1	10879277	10867789	10856857	10867974	0.10	cps
Barium	137-1	18907110	18913895	18925671	18915559	0.05	cps
Beryllium	9-1	1211499	1197798	1200587	1203295	0.60	cps
Bismuth	209-1	21796113	21693197	21708368	21732559	0.26	cps
Bismuth	209-2	11293359	11248604	12554045	11698670	6.34	cps
Boron	10-1	210673	212035	216667	213125	1.47	cps
Boron	11-1	1017604	1012647	1046197	1025483	1.77	cps
Cadmium	111-1	2663991	2655891	2663803	2661228	0.17	cps
Cadmium	106-1	324789	322388	319524	322234	0.82	cps
Cadmium	108-1	208269	208042	205982	207431	0.61	cps
Calcium	43-1	2186199	2190841	2192231	2189757	0.14	cps
Calcium	44-1	35827642	35946957	35944866	35906489	0.19	cps
Chromium	52-2	2473063	2487799	2492280	2484380	0.40	cps
Cobalt	59-2	4258714	4257154	4246717	4254195	0.15	cps
Copper	63-2	6201408	6206684	6192572	6200221	0.12	cps
Dysprosium	156-1	283	283	333	300	9.62	cps
Dysprosium	156-2	223	243	183	217	14.10	cps
Erbium	164-1	192	267	150	203	29.15	cps
Erbium	164-2	123	143	117	128	10.86	cps
Gadolinium	160-1	233	283	342	286	18.95	cps
Gadolinium	160-2	510	497	573	527	7.78	cps
Holmium	165-1	31980101	31671426	32062360	31904629	0.65	cps
Holmium	165-2	15084451	15074398	16846736	15668528	6.51	cps
Indium	115-1	20649850	20432988	20701546	20594795	0.69	cps
Indium	115-2	3767203	3759485	4212013	3912900	6.62	cps
Iron	56-2	113304730	112725305	112650244	112893427	0.32	cps
Iron	57-2	2772714	2786803	2784548	2781355	0.27	cps
Krypton	83-1	373	430	427	410	7.75	cps
Lead	206-1	9681638	9709146	9724532	9705106	0.22	cps
Lead	207-1	8549678	8516120	8577644	8547814	0.36	cps
Lead	208-1	39015267	38996268	38927197	38979577	0.12	cps
Lithium	6-1	3618587	3608077	3603082	3609915	0.22	cps
Magnesium	24-2	18928205	18749434	18924745	18867461	0.54	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:51:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2980516	2983252	2966661	2976810	0.30	cps
Molybdenum	94-1	17440333	17325244	17362860	17376146	0.34	cps
Molybdenum	95-1	21900917	21676968	21678912	21752265	0.59	cps
Molybdenum	96-1	24474136	24449108	24345197	24422814	0.28	cps
Molybdenum	97-1	13873391	13766406	13786089	13808629	0.41	cps
Molybdenum	98-1	35912397	35496378	35880563	35763113	0.65	cps
Neodymium	150-1	1027	993	987	1002	2.14	cps
Neodymium	150-2	100	120	157	126	22.89	cps
Nickel	60-2	1122076	1120397	1124714	1122396	0.19	cps
Phosphorus	31-2	77100	75827	75541	76156	1.09	cps
Potassium	39-2	7712094	7713494	7715945	7713844	0.03	cps
Rhodium	103-1	17775423	17814742	17806479	17798881	0.12	cps
Rhodium	103-2	9147919	9167571	10101949	9472480	5.76	cps
Scandium	45-1	10131880	10131988	10118770	10127546	0.08	cps
Scandium	45-2	482112	480200	542188	501500	7.03	cps
Selenium	77-2	7505	7382	7395	7428	0.91	cps
Selenium	78-2	25051	25328	24879	25086	0.90	cps
Selenium	82-1	170409	170370	170547	170442	0.05	cps
Silicon	28-1	4273139	4309115	4328511	4303588	0.65	cps
Silver	109-1	11253083	11314114	11324970	11297389	0.34	cps
Silver	107-1	11807799	11669330	11698597	11725242	0.62	cps
Sodium	23-2	35802006	35507730	35847527	35719088	0.52	cps
Strontium	86-1	2560347	2567003	2571564	2566305	0.22	cps
Strontium	88-1	22591474	22623145	22603181	22605933	0.07	cps
Sulfur	34-1	1294467	1297461	1300814	1297581	0.24	cps
Terbium	159-1	32099335	31849330	31707059	31885241	0.62	cps
Terbium	159-2	14667669	14572274	16246158	15162034	6.20	cps
Thallium	203-1	11709486	11716190	11648243	11691307	0.32	cps
Thallium	205-1	28362857	28378850	28275338	28339015	0.20	cps
Thorium	232-1	43384573	43209318	43426726	43340206	0.27	cps
Tin	118-1	7797781	7805173	7808479	7803811	0.07	cps
Titanium	47-1	4895760	4886141	4853660	4878521	0.45	cps
Uranium	238-1	42562206	42899176	42801980	42754454	0.41	cps
Vanadium	51-2	1895196	1900622	1903837	1899885	0.23	cps
Yttrium	89-1	39052494	39062349	39024005	39046283	0.05	cps
Yttrium	89-2	5406833	5451550	6037747	5632043	6.25	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:51:43	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	987434	980826	981937	983399	0.36	cps
Zirconium	90-1	13659812	13618422	13525736	13601323	0.50	cps
Zirconium	91-1	3048570	3035650	3026675	3036965	0.36	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:55:29	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3043067	3129025	3106427	3092840	1.44	cps
Antimony	121-1	18388637	18343741	18514379	18415586	0.48	cps
Arsenic	75-1	3401649	3435600	3427360	3421536	0.52	cps
Barium	135-1	21608819	21650794	21793724	21684446	0.45	cps
Barium	137-1	37454872	37710028	37960304	37708401	0.67	cps
Beryllium	9-1	2340308	2341731	2342816	2341618	0.05	cps
Bismuth	209-1	21261416	21394692	21147047	21267718	0.58	cps
Bismuth	209-2	10933484	11159112	11063107	11051901	1.02	cps
Boron	10-1	412263	420753	425024	419347	1.55	cps
Boron	11-1	2019020	2029115	2062605	2036913	1.12	cps
Cadmium	111-1	5609947	5589849	5620345	5606714	0.28	cps
Cadmium	106-1	644282	646225	641853	644120	0.34	cps
Cadmium	108-1	434600	430958	435157	433572	0.53	cps
Calcium	43-1	4324423	4349302	4332629	4335451	0.29	cps
Calcium	44-1	71164720	71238933	71865966	71423206	0.54	cps
Chromium	52-2	4930119	5029746	5025420	4995095	1.13	cps
Cobalt	59-2	8445371	8578940	8586359	8536890	0.93	cps
Copper	63-2	13149811	13371103	13428329	13316415	1.10	cps
Dysprosium	156-1	417	450	342	403	13.78	cps
Dysprosium	156-2	423	297	303	341	20.90	cps
Erbium	164-1	125	183	133	147	21.43	cps
Erbium	164-2	110	143	93	116	22.03	cps
Gadolinium	160-1	375	392	292	353	15.19	cps
Gadolinium	160-2	410	373	487	423	13.66	cps
Holmium	165-1	31520190	31738710	31998316	31752406	0.75	cps
Holmium	165-2	14929196	15211862	15187320	15109459	1.04	cps
Indium	115-1	20159727	20322297	20259514	20247179	0.40	cps
Indium	115-2	3642226	3727631	3709316	3693058	1.22	cps
Iron	56-2	222361777	227932316	227439816	225911303	1.37	cps
Iron	57-2	5487671	5592536	5591564	5557257	1.08	cps
Krypton	83-1	427	390	450	422	7.16	cps
Lead	206-1	18950157	19002000	19116007	19022721	0.45	cps
Lead	207-1	16885838	16789656	16792710	16822735	0.32	cps
Lead	208-1	76508336	76733854	76521460	76587884	0.17	cps
Lithium	6-1	3545235	3542850	3544683	3544256	0.04	cps
Magnesium	24-2	37403914	38170460	38279734	37951370	1.26	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:55:29	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5909102	6007404	5989347	5968618	0.88	cps
Molybdenum	94-1	34047226	34386971	34142315	34192171	0.51	cps
Molybdenum	95-1	42242560	42635594	42121050	42333068	0.64	cps
Molybdenum	96-1	47176766	47518689	47128325	47274593	0.45	cps
Molybdenum	97-1	26514021	26860637	26679497	26684719	0.65	cps
Molybdenum	98-1	68877622	69575399	69551691	69334904	0.57	cps
Neodymium	150-1	1540	1667	1767	1658	6.85	cps
Neodymium	150-2	130	163	133	142	12.91	cps
Nickel	60-2	2180702	2224248	2222965	2209305	1.12	cps
Phosphorus	31-2	149163	153213	152439	151605	1.42	cps
Potassium	39-2	15364668	15822086	15814103	15666952	1.67	cps
Rhodium	103-1	17358485	17500001	17414817	17424434	0.41	cps
Rhodium	103-2	8804011	9051902	9011307	8955740	1.48	cps
Scandium	45-1	10077739	10160508	10204140	10147462	0.63	cps
Scandium	45-2	480219	499409	496953	492194	2.12	cps
Selenium	77-2	14601	15195	14768	14854	2.06	cps
Selenium	78-2	48570	49954	49703	49409	1.49	cps
Selenium	82-1	331884	331682	333210	332259	0.25	cps
Silicon	28-1	8076058	8121607	8238926	8145531	1.03	cps
Silver	109-1	3327581	3583138	4083471	3664730	10.49	cps
Silver	107-1	3428492	3491547	3658081	3526040	3.36	cps
Sodium	23-2	71044216	72518597	72070595	71877803	1.05	cps
Strontium	86-1	5168795	5243732	5218209	5210245	0.73	cps
Strontium	88-1	45875143	45818764	45948261	45880723	0.14	cps
Sulfur	34-1	2051131	2047488	2046157	2048259	0.13	cps
Terbium	159-1	31803265	31975589	31831457	31870104	0.29	cps
Terbium	159-2	14462864	14712927	14712006	14629266	0.99	cps
Thallium	203-1	23031356	23156802	23230754	23139637	0.44	cps
Thallium	205-1	55887943	56086845	56274741	56083176	0.34	cps
Thorium	232-1	86257902	86125377	86253630	86212303	0.09	cps
Tin	118-1	15520705	15523132	15573227	15539021	0.19	cps
Titanium	47-1	9516877	9545393	9561617	9541296	0.24	cps
Uranium	238-1	85065979	84751248	84331698	84716308	0.43	cps
Vanadium	51-2	3802756	3898953	3863870	3855193	1.26	cps
Yttrium	89-1	38924052	39204027	39002289	39043456	0.37	cps
Yttrium	89-2	5344606	5483098	5464059	5430588	1.38	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:55:29	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1984099	2031157	2033114	2016123	1.38	cps
Zirconium	90-1	26977233	27356887	27273795	27202638	0.73	cps
Zirconium	91-1	6029193	6094455	6101154	6074934	0.65	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:59:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16340921	16532476	16508282	16460560	0.63	cps
Antimony	121-1	26918	26801	27820	27180	2.05	cps
Arsenic	75-1	4167	4044	4152	4121	1.64	cps
Barium	135-1	2042	1842	1925	1936	5.19	cps
Barium	137-1	3392	3459	3184	3345	4.29	cps
Beryllium	9-1	373	333	367	358	5.99	cps
Bismuth	209-1	17955113	18866461	18951100	18590891	2.97	cps
Bismuth	209-2	9895872	9821253	9908893	9875339	0.48	cps
Boron	10-1	22242	20506	20089	20946	5.45	cps
Boron	11-1	106390	97774	94738	99634	6.07	cps
Cadmium	111-1	17264	17839	18222	17775	2.71	cps
Cadmium	106-1	24038	24772	25290	24700	2.55	cps
Cadmium	108-1	113	133	92	113	18.52	cps
Calcium	43-1	21424974	21607036	21707741	21579917	0.66	cps
Calcium	44-1	351747850	356718816	357222950	355229872	0.85	cps
Chromium	52-2	147263	146896	146546	146902	0.24	cps
Cobalt	59-2	103116	104982	103344	103814	0.98	cps
Copper	63-2	19680	18992	19560	19411	1.89	cps
Dysprosium	156-1	108	125	75	103	24.77	cps
Dysprosium	156-2	60	57	67	61	8.33	cps
Erbium	164-1	158	192	117	156	24.16	cps
Erbium	164-2	137	93	110	113	19.28	cps
Gadolinium	160-1	342	292	392	342	14.63	cps
Gadolinium	160-2	443	433	467	448	3.82	cps
Holmium	165-1	29252138	30838264	31115377	30401926	3.31	cps
Holmium	165-2	14751950	14706733	14820014	14759565	0.39	cps
Indium	115-1	18583925	19675525	19859183	19372878	3.56	cps
Indium	115-2	3689401	3711569	3712086	3704352	0.35	cps
Iron	56-2	1129413914	1132474870	1145817315	1135902033	0.77	cps
Iron	57-2	27681194	28213195	27952144	27948844	0.95	cps
Krypton	83-1	413	423	430	422	1.99	cps
Lead	206-1	9415	9092	9270	9259	1.74	cps
Lead	207-1	8125	7891	8075	8030	1.53	cps
Lead	208-1	36993	36510	36387	36630	0.88	cps
Lithium	6-1	3336448	3537940	3564944	3479778	3.59	cps
Magnesium	24-2	187078675	188660554	188209658	187982963	0.43	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:59:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19824	20518	21032	20458	2.96	cps
Molybdenum	94-1	28128	28388	26300	27605	4.12	cps
Molybdenum	95-1	44713	42423	42021	43052	3.37	cps
Molybdenum	96-1	50056	46953	45791	47600	4.63	cps
Molybdenum	97-1	27828	26517	25098	26481	5.16	cps
Molybdenum	98-1	71229	67577	66171	68326	3.82	cps
Neodymium	150-1	140	207	293	213	36.04	cps
Neodymium	150-2	73	63	123	87	37.09	cps
Nickel	60-2	60692	60618	62382	61231	1.63	cps
Phosphorus	31-2	575	417	408	467	20.12	cps
Potassium	39-2	80575733	81703785	82459679	81579732	1.16	cps
Rhodium	103-1	15575130	16435751	16679436	16230106	3.57	cps
Rhodium	103-2	8405097	8455140	8486346	8448861	0.49	cps
Scandium	45-1	9845274	10289224	10523586	10219361	3.37	cps
Scandium	45-2	510828	517404	523011	517081	1.18	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	54	46	80	60	29.23	cps
Selenium	82-1	152	174	150	159	8.39	cps
Silicon	28-1	312691	303252	300215	305386	2.13	cps
Silver	109-1	3576	3459	3534	3523	1.68	cps
Silver	107-1	3934	4009	3901	3948	1.41	cps
Sodium	23-2	359252316	362161050	362970816	361461394	0.54	cps
Strontium	86-1	21584	20841	21191	21205	1.75	cps
Strontium	88-1	182142	184159	183890	183397	0.60	cps
Sulfur	34-1	553370	562820	570190	562127	1.50	cps
Terbium	159-1	29219756	30709616	31102745	30344039	3.27	cps
Terbium	159-2	14264786	14357885	14395421	14339364	0.47	cps
Thallium	203-1	6210	5802	5668	5893	4.79	cps
Thallium	205-1	13424	12498	12123	12682	5.28	cps
Thorium	232-1	16628	16322	16311	16420	1.10	cps
Tin	118-1	7177	7136	7436	7249	2.24	cps
Titanium	47-1	1892	1950	1817	1886	3.54	cps
Uranium	238-1	6727	6244	6227	6399	4.44	cps
Vanadium	51-2	647	687	697	677	3.91	cps
Yttrium	89-1	36831010	39105562	39441193	38459255	3.69	cps
Yttrium	89-2	5572665	5588149	5598105	5586306	0.23	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 11:59:16	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17998	17948	17821	17922	0.51	cps
Zirconium	90-1	7611	7619	7636	7622	0.17	cps
Zirconium	91-1	1608	1500	1709	1606	6.49	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:05:06	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85167	84405	85469	85014	0.64	cps
Antimony	121-1	3880146	3873367	3878565	3877359	0.09	cps
Arsenic	75-1	804728	784773	802329	797277	1.37	cps
Barium	135-1	465207	464464	461363	463678	0.44	cps
Barium	137-1	817810	813458	809195	813488	0.53	cps
Beryllium	9-1	274970	273957	273377	274101	0.29	cps
Bismuth	209-1	23832957	23991157	24010251	23944789	0.41	cps
Bismuth	209-2	12654259	12450620	12486713	12530531	0.87	cps
Boron	10-1	9862	9570	9804	9745	1.58	cps
Boron	11-1	48187	47994	45436	47205	3.25	cps
Cadmium	111-1	591516	595700	596165	594461	0.43	cps
Cadmium	106-1	76750	77814	76290	76951	1.02	cps
Cadmium	108-1	36844	37170	37471	37162	0.84	cps
Calcium	43-1	95466	95970	95994	95810	0.31	cps
Calcium	44-1	1596068	1603781	1607509	1602453	0.36	cps
Chromium	52-2	547776	543335	547299	546137	0.45	cps
Cobalt	59-2	965832	960534	958795	961721	0.38	cps
Copper	63-2	710763	713819	708326	710970	0.39	cps
Dysprosium	156-1	67	8	8	28	121.26	cps
Dysprosium	156-2	57	17	53	42	52.56	cps
Erbium	164-1	242	200	175	206	16.38	cps
Erbium	164-2	193	200	170	188	8.39	cps
Gadolinium	160-1	242	367	408	339	25.59	cps
Gadolinium	160-2	493	430	423	449	8.61	cps
Holmium	165-1	33781708	33941827	33962577	33895371	0.29	cps
Holmium	165-2	16353289	16041317	16164635	16186413	0.97	cps
Indium	115-1	23408944	23565976	23401750	23458890	0.40	cps
Indium	115-2	4294763	4287239	4259913	4280638	0.43	cps
Iron	56-2	4972567	4957756	4981603	4970642	0.24	cps
Iron	57-2	123039	124675	125096	124270	0.87	cps
Krypton	83-1	483	530	450	488	8.24	cps
Lead	206-1	4074561	4079604	4103771	4085979	0.38	cps
Lead	207-1	3537010	3527097	3525572	3529893	0.18	cps
Lead	208-1	16347325	16419625	16361644	16376198	0.23	cps
Lithium	6-1	4335901	4329725	4299478	4321702	0.45	cps
Magnesium	24-2	508585	497436	500419	502146	1.15	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:05:06	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323111	323655	324472	323746	0.21	cps
Molybdenum	94-1	2634	2450	2542	2542	3.61	cps
Molybdenum	95-1	2300	2367	2359	2342	1.55	cps
Molybdenum	96-1	2692	3200	3392	3095	11.69	cps
Molybdenum	97-1	1392	1467	1600	1486	7.10	cps
Molybdenum	98-1	3884	3942	4001	3942	1.48	cps
Neodymium	150-1	67	13	73	51	64.35	cps
Neodymium	150-2	23	13	17	18	28.64	cps
Nickel	60-2	259687	256549	257146	257794	0.65	cps
Phosphorus	31-2	392	375	367	378	3.37	cps
Potassium	39-2	722681	719119	721408	721069	0.25	cps
Rhodium	103-1	21105576	21070620	20984200	21053466	0.30	cps
Rhodium	103-2	10661421	10512380	10541773	10571858	0.75	cps
Scandium	45-1	11873935	11930530	11864991	11889819	0.30	cps
Scandium	45-2	550100	550179	544679	548319	0.58	cps
Selenium	77-2	3374	3387	3257	3339	2.14	cps
Selenium	78-2	11697	11855	11570	11707	1.22	cps
Selenium	82-1	77600	79745	78949	78764	1.38	cps
Silicon	28-1	192683	188480	191367	190843	1.13	cps
Silver	109-1	2251162	2258503	2242804	2250823	0.35	cps
Silver	107-1	2348982	2339884	2347109	2345325	0.20	cps
Sodium	23-2	1621288	1625660	1610136	1619028	0.49	cps
Strontium	86-1	14057	14350	14157	14188	1.05	cps
Strontium	88-1	114639	115840	113673	114718	0.95	cps
Sulfur	34-1	629058	629411	632208	630226	0.27	cps
Terbium	159-1	34523707	34274412	34245261	34347793	0.45	cps
Terbium	159-2	15884359	15772070	15858317	15838249	0.37	cps
Thallium	203-1	5001868	5093697	5074157	5056574	0.96	cps
Thallium	205-1	12282063	12283160	12341766	12302330	0.28	cps
Thorium	232-1	7452	7791	7925	7723	3.15	cps
Tin	118-1	3309	3217	3842	3456	9.77	cps
Titanium	47-1	358	367	267	331	16.79	cps
Uranium	238-1	4351	4551	4559	4487	2.63	cps
Vanadium	51-2	418791	413217	413346	415118	0.77	cps
Yttrium	89-1	44416633	44449376	44433804	44433271	0.04	cps
Yttrium	89-2	6195227	6142674	6138685	6158862	0.51	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:05:06	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	227934	228902	226560	227799	0.52	cps
Zirconium	90-1	2734	2867	3000	2867	4.65	cps
Zirconium	91-1	1742	1517	1734	1664	7.67	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:10:54	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	58	72	33.30	cps
Antimony	121-1	2742	3067	3017	2942	5.95	cps
Arsenic	75-1	-796	-688	-650	-711	-10.65	cps
Barium	135-1	83	33	67	61	41.67	cps
Barium	137-1	117	33	50	67	66.15	cps
Beryllium	9-1	137	173	183	164	14.94	cps
Bismuth	209-1	23501986	23689903	23612718	23601536	0.40	cps
Bismuth	209-2	12641909	12729651	12694339	12688633	0.35	cps
Boron	10-1	6568	6252	6068	6296	4.02	cps
Boron	11-1	28336	28069	29046	28483	1.77	cps
Cadmium	111-1	18108	18470	18509	18363	1.20	cps
Cadmium	106-1	25758	26276	26317	26117	1.19	cps
Cadmium	108-1	79	50	42	57	34.58	cps
Calcium	43-1	158	158	183	167	8.66	cps
Calcium	44-1	22995	22193	23078	22755	2.15	cps
Chromium	52-2	977	1080	1093	1050	6.08	cps
Cobalt	59-2	197	97	133	142	35.57	cps
Copper	63-2	1633	1573	1627	1611	2.04	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	27	23	47	32	39.17	cps
Erbium	164-1	125	158	158	147	13.07	cps
Erbium	164-2	127	80	127	111	24.25	cps
Gadolinium	160-1	292	283	308	294	4.32	cps
Gadolinium	160-2	420	500	417	446	10.59	cps
Holmium	165-1	33138011	33632790	33670260	33480354	0.89	cps
Holmium	165-2	16178150	16223184	16262804	16221379	0.26	cps
Indium	115-1	23196003	23392266	23382507	23323592	0.47	cps
Indium	115-2	4314871	4314482	4334316	4321223	0.26	cps
Iron	56-2	5751	5340	5679	5590	3.93	cps
Iron	57-2	194	128	122	148	27.13	cps
Krypton	83-1	443	440	483	456	5.29	cps
Lead	206-1	2145	1828	2122	2032	8.70	cps
Lead	207-1	2078	1922	1911	1971	4.73	cps
Lead	208-1	7979	7451	7779	7736	3.44	cps
Lithium	6-1	4295199	4346974	4330951	4324375	0.61	cps
Magnesium	24-2	700	700	875	758	13.32	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:10:54	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	117	87	86	37.03	cps
Molybdenum	94-1	1200	1233	1333	1256	5.53	cps
Molybdenum	95-1	1058	1017	1067	1047	2.56	cps
Molybdenum	96-1	1292	1300	1292	1295	0.37	cps
Molybdenum	97-1	700	692	783	725	6.99	cps
Molybdenum	98-1	1675	1558	1950	1728	11.64	cps
Neodymium	150-1	13	33	20	22	45.85	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	273	180	213	222	21.28	cps
Phosphorus	31-2	408	367	325	367	11.36	cps
Potassium	39-2	34374	34282	34165	34274	0.31	cps
Rhodium	103-1	20796701	21062070	20861071	20906614	0.66	cps
Rhodium	103-2	10622042	10715469	10724302	10687271	0.53	cps
Scandium	45-1	11737999	11822068	11804631	11788233	0.38	cps
Scandium	45-2	552291	556613	559059	555988	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	50	28	44	31.99	cps
Selenium	82-1	-15	25	-62	-17	-254.17	cps
Silicon	28-1	163325	162919	165379	163874	0.80	cps
Silver	109-1	2517	2434	2409	2453	2.31	cps
Silver	107-1	2659	2467	2934	2686	8.73	cps
Sodium	23-2	63285	61427	62749	62487	1.53	cps
Strontium	86-1	658	825	825	770	12.51	cps
Strontium	88-1	192	258	200	217	16.77	cps
Sulfur	34-1	638699	636934	639757	638464	0.22	cps
Terbium	159-1	33689278	33785521	33817669	33764156	0.20	cps
Terbium	159-2	15716062	15817737	15821161	15784987	0.38	cps
Thallium	203-1	2217	1984	2050	2084	5.77	cps
Thallium	205-1	4434	4451	4384	4423	0.78	cps
Thorium	232-1	6102	6046	6085	6078	0.47	cps
Tin	118-1	2684	2592	2592	2623	2.02	cps
Titanium	47-1	150	200	117	156	26.96	cps
Uranium	238-1	4118	3967	3884	3990	2.96	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	43788134	44465371	44204341	44152615	0.77	cps
Yttrium	89-2	6179127	6241609	6289572	6236769	0.89	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:10:54	DataFile Name :	011CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	590	523	560	558	5.99	cps
Zirconium	90-1	2225	2117	2267	2203	3.52	cps
Zirconium	91-1	442	467	400	436	7.72	cps

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 12:14:31 DataFile Name : 012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15343084	15429149	15406897	15393044	0.29	cps
Antimony	121-1	21259	22502	21400	21720	3.13	cps
Arsenic	75-1	3370	3825	3813	3669	7.07	cps
Barium	135-1	6260	6177	6360	6266	1.47	cps
Barium	137-1	10955	10955	10897	10935	0.31	cps
Beryllium	9-1	777	837	900	838	7.36	cps
Bismuth	209-1	21259833	21428794	21439738	21376122	0.47	cps
Bismuth	209-2	11280284	11352786	11362369	11331813	0.40	cps
Boron	10-1	4401	5059	4759	4740	6.96	cps
Boron	11-1	22835	22326	22785	22648	1.24	cps
Cadmium	111-1	21584	21813	21734	21710	0.54	cps
Cadmium	106-1	24639	24756	24939	24778	0.61	cps
Cadmium	108-1	9091	9149	9445	9228	2.06	cps
Calcium	43-1	4488660	4529455	4511487	4509867	0.45	cps
Calcium	44-1	74741635	75150114	75571637	75154462	0.55	cps
Chromium	52-2	106188	105481	106169	105946	0.38	cps
Cobalt	59-2	11011	10681	10787	10826	1.56	cps
Copper	63-2	51430	52109	50443	51328	1.63	cps
Dysprosium	156-1	75	117	158	117	35.72	cps
Dysprosium	156-2	80	77	57	71	17.74	cps
Erbium	164-1	150	208	200	186	16.95	cps
Erbium	164-2	127	130	103	120	12.11	cps
Gadolinium	160-1	317	317	392	342	12.67	cps
Gadolinium	160-2	443	320	530	431	24.48	cps
Holmium	165-1	32676481	32673602	33179326	32843136	0.89	cps
Holmium	165-2	15847104	15905999	15913118	15888740	0.23	cps
Indium	115-1	21750320	21852324	22085074	21895906	0.78	cps
Indium	115-2	4069450	4075934	4083043	4076142	0.17	cps
Iron	56-2	478750255	483787111	481119500	481218955	0.52	cps
Iron	57-2	11702675	11799868	11756690	11753077	0.41	cps
Krypton	83-1	463	540	483	496	8.02	cps
Lead	206-1	87978	89354	89455	88929	0.93	cps
Lead	207-1	69810	70570	72279	70886	1.78	cps
Lead	208-1	329887	336154	337762	334601	1.24	cps
Lithium	6-1	3964227	3974840	3968135	3969067	0.14	cps
Magnesium	24-2	39952285	40198480	40156492	40102419	0.33	cps

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 12:14:31 DataFile Name : 012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25145	25312	25055	25171	0.52	cps
Molybdenum	94-1	9429124	9508853	9558843	9498940	0.69	cps
Molybdenum	95-1	16665477	16829718	16744681	16746625	0.49	cps
Molybdenum	96-1	17915383	18233549	18065747	18071560	0.88	cps
Molybdenum	97-1	10457303	10625333	10577751	10553462	0.82	cps
Molybdenum	98-1	27058139	27485493	27576478	27373370	1.01	cps
Neodymium	150-1	73	67	67	69	5.59	cps
Neodymium	150-2	50	37	40	42	16.43	cps
Nickel	60-2	13179	12812	12996	12996	1.41	cps
Phosphorus	31-2	796683	796893	795343	796306	0.11	cps
Potassium	39-2	33418513	33613549	33545897	33525986	0.30	cps
Rhodium	103-1	18885671	18839780	19194100	18973184	1.02	cps
Rhodium	103-2	9737294	9776459	9707398	9740383	0.36	cps
Scandium	45-1	11363601	11434845	11485762	11428069	0.54	cps
Scandium	45-2	540273	548043	545074	544464	0.72	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	41	43	39	41	4.54	cps
Selenium	82-1	50	-134	-9	-31	-303.48	cps
Silicon	28-1	358877	364044	363378	362100	0.78	cps
Silver	109-1	858	1292	1242	1131	20.97	cps
Silver	107-1	1258	1500	1250	1336	10.63	cps
Sodium	23-2	76026779	76555285	76779700	76453921	0.51	cps
Strontium	86-1	176605	181127	182875	180202	1.80	cps
Strontium	88-1	1565783	1582365	1579708	1575952	0.57	cps
Sulfur	34-1	6552395	6603668	6592262	6582775	0.41	cps
Terbium	159-1	32887053	33034423	33148139	33023205	0.40	cps
Terbium	159-2	15318025	15538525	15470725	15442425	0.73	cps
Thallium	203-1	4443	4968	5568	4993	11.28	cps
Thallium	205-1	9696	10721	11714	10710	9.42	cps
Thorium	232-1	6079	6002	6013	6031	0.70	cps
Tin	118-1	4743	5218	5034	4998	4.80	cps
Titanium	47-1	4255142	4253017	4310697	4272952	0.77	cps
Uranium	238-1	4960	5226	5343	5176	3.80	cps
Vanadium	51-2	737	663	673	691	5.75	cps
Yttrium	89-1	42200247	42718179	42955564	42624664	0.91	cps
Yttrium	89-2	6055024	6104062	6062577	6073888	0.43	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:14:31	DataFile Name :	012ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11765	11952	11978	11898	0.98	cps
Zirconium	90-1	2867	2784	2900	2850	2.11	cps
Zirconium	91-1	583	625	683	631	7.97	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:18:08	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15301556	15427969	15504330	15411285	0.66	cps
Antimony	121-1	389160	393967	392572	391900	0.63	cps
Arsenic	75-1	76864	77442	75443	76583	1.34	cps
Barium	135-1	95694	95989	95377	95687	0.32	cps
Barium	137-1	166899	167574	166571	167015	0.31	cps
Beryllium	9-1	51644	51400	51698	51581	0.31	cps
Bismuth	209-1	21537956	21433729	21674615	21548767	0.56	cps
Bismuth	209-2	11307900	11312128	11324722	11314917	0.08	cps
Boron	10-1	7694	8161	7877	7911	2.97	cps
Boron	11-1	38183	38233	38826	38414	0.93	cps
Cadmium	111-1	123302	125181	123596	124026	0.82	cps
Cadmium	106-1	34844	35570	35203	35206	1.03	cps
Cadmium	108-1	16326	16556	15880	16254	2.11	cps
Calcium	43-1	4554209	4623617	4622059	4599962	0.86	cps
Calcium	44-1	76277579	77260966	76962456	76833667	0.66	cps
Chromium	52-2	213207	214012	212176	213132	0.43	cps
Cobalt	59-2	194538	194122	193410	194023	0.29	cps
Copper	63-2	186491	184976	184869	185445	0.49	cps
Dysprosium	156-1	100	108	142	117	18.90	cps
Dysprosium	156-2	60	63	60	61	3.15	cps
Erbium	164-1	150	158	217	175	20.76	cps
Erbium	164-2	130	110	123	121	8.41	cps
Gadolinium	160-1	342	317	317	325	4.44	cps
Gadolinium	160-2	437	357	450	414	12.18	cps
Holmium	165-1	33639547	33061874	33298311	33333244	0.87	cps
Holmium	165-2	15958412	15945358	16002207	15968659	0.19	cps
Indium	115-1	22332153	22390428	21994912	22239164	0.96	cps
Indium	115-2	4097073	4061625	4078684	4079127	0.43	cps
Iron	56-2	481010166	484588178	484832478	483476940	0.44	cps
Iron	57-2	11773652	11814518	11788665	11792279	0.18	cps
Krypton	83-1	407	483	467	452	8.92	cps
Lead	206-1	462462	464756	467566	464928	0.55	cps
Lead	207-1	385905	384231	388094	386076	0.50	cps
Lead	208-1	1794462	1789578	1808931	1797657	0.56	cps
Lithium	6-1	4023765	4016601	4015048	4018471	0.12	cps
Magnesium	24-2	40230008	40377336	40421443	40342929	0.25	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:18:08	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	88819	89282	86720	88274	1.55	cps
Molybdenum	94-1	9713774	9767923	9769253	9750317	0.32	cps
Molybdenum	95-1	16956317	17122210	17089035	17055854	0.51	cps
Molybdenum	96-1	18347976	18542997	18431596	18440857	0.53	cps
Molybdenum	97-1	10696998	10797645	10748537	10747727	0.47	cps
Molybdenum	98-1	27898436	27762380	27710790	27790535	0.35	cps
Neodymium	150-1	113	120	93	109	12.75	cps
Neodymium	150-2	43	30	33	36	19.51	cps
Nickel	60-2	60170	60264	60384	60272	0.18	cps
Phosphorus	31-2	796835	799429	800788	799017	0.25	cps
Potassium	39-2	33770727	33934466	33742208	33815800	0.31	cps
Rhodium	103-1	19399079	19311622	19379430	19363377	0.24	cps
Rhodium	103-2	9886047	9813793	9833811	9844550	0.38	cps
Scandium	45-1	11805699	11793116	11701344	11766720	0.48	cps
Scandium	45-2	558325	552330	549682	553445	0.80	cps
Selenium	77-2	313	370	390	358	11.12	cps
Selenium	78-2	1130	1095	1120	1115	1.64	cps
Selenium	82-1	6904	6859	7233	6999	2.92	cps
Silicon	28-1	467935	469927	472073	469978	0.44	cps
Silver	109-1	437652	440673	438378	438901	0.36	cps
Silver	107-1	456909	458769	457799	457826	0.20	cps
Sodium	23-2	77059041	77591445	77598487	77416325	0.40	cps
Strontium	86-1	238127	237173	238855	238052	0.35	cps
Strontium	88-1	2082404	2083523	2089921	2085283	0.19	cps
Sulfur	34-1	6722871	6742555	6721702	6729043	0.17	cps
Terbium	159-1	33752324	33517627	33782435	33684128	0.43	cps
Terbium	159-2	15466382	15555682	15451515	15491193	0.36	cps
Thallium	203-1	456539	457507	452040	455362	0.64	cps
Thallium	205-1	1097442	1101624	1107906	1102324	0.48	cps
Thorium	232-1	4912	5590	5396	5299	6.59	cps
Tin	118-1	138223	136828	137416	137489	0.51	cps
Titanium	47-1	4364011	4353327	4369078	4362139	0.18	cps
Uranium	238-1	683399	674557	678183	678713	0.65	cps
Vanadium	51-2	83009	82013	82030	82351	0.69	cps
Yttrium	89-1	43639363	43745766	43798938	43728022	0.19	cps
Yttrium	89-2	6127742	6160819	6125531	6138031	0.32	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:18:08	DataFile Name :	013ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	32830	32787	32723	32780	0.16	cps
Zirconium	90-1	238317	242772	241122	240737	0.94	cps
Zirconium	91-1	53802	53978	53560	53780	0.39	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:21:46	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8992671	8975800	8979439	8982637	0.10	cps
Antimony	121-1	9047360	9110919	9121823	9093368	0.44	cps
Arsenic	75-1	1833730	1827593	1834975	1832099	0.22	cps
Barium	135-1	10867038	10853627	11010852	10910506	0.80	cps
Barium	137-1	19039031	18919664	19086118	19014938	0.45	cps
Beryllium	9-1	1223458	1223933	1226020	1224470	0.11	cps
Bismuth	209-1	20326707	20479411	20424499	20410206	0.38	cps
Bismuth	209-2	10737687	10745996	10750079	10744587	0.06	cps
Boron	10-1	214880	217248	220073	217400	1.20	cps
Boron	11-1	1041058	1048768	1051126	1046984	0.50	cps
Cadmium	111-1	2755431	2735255	2776025	2755570	0.74	cps
Cadmium	106-1	336704	333290	334663	334886	0.51	cps
Cadmium	108-1	213341	216976	216972	215763	0.97	cps
Calcium	43-1	11252016	11311216	11296016	11286416	0.27	cps
Calcium	44-1	185182142	185488400	186331146	185667229	0.32	cps
Chromium	52-2	2645937	2662740	2650277	2652985	0.33	cps
Cobalt	59-2	4400764	4382501	4349170	4377478	0.60	cps
Copper	63-2	7225226	7240548	7237367	7234380	0.11	cps
Dysprosium	156-1	233	275	292	267	11.27	cps
Dysprosium	156-2	223	203	230	219	6.34	cps
Erbium	164-1	92	150	175	139	30.79	cps
Erbium	164-2	100	83	127	103	21.16	cps
Gadolinium	160-1	275	300	350	308	12.38	cps
Gadolinium	160-2	487	443	497	476	5.96	cps
Holmium	165-1	32462876	32290327	32192129	32315110	0.42	cps
Holmium	165-2	15375104	15484415	15475402	15444974	0.39	cps
Indium	115-1	21359888	21319463	21450395	21376582	0.31	cps
Indium	115-2	3898955	3923906	3933863	3918908	0.46	cps
Iron	56-2	584719458	584035369	580862369	583205732	0.35	cps
Iron	57-2	14419296	14336031	14337620	14364316	0.33	cps
Krypton	83-1	450	543	543	512	10.52	cps
Lead	206-1	8981695	9030102	8935284	8982360	0.53	cps
Lead	207-1	7909103	7922434	7858183	7896573	0.43	cps
Lead	208-1	35979331	36178874	35907927	36022044	0.39	cps
Lithium	6-1	3882219	3891876	3895860	3889985	0.18	cps
Magnesium	24-2	97833973	96677985	96829331	97113763	0.65	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:21:46	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3105263	3119853	3111848	3112321	0.23	cps
Molybdenum	94-1	18349212	18383941	18395312	18376155	0.13	cps
Molybdenum	95-1	22944857	22949116	23057802	22983925	0.28	cps
Molybdenum	96-1	25568713	25596625	25701198	25622179	0.27	cps
Molybdenum	97-1	14467399	14406354	14518012	14463922	0.39	cps
Molybdenum	98-1	37494468	37355525	37468691	37439561	0.20	cps
Neodymium	150-1	1027	953	1100	1027	7.14	cps
Neodymium	150-2	113	133	127	124	8.18	cps
Nickel	60-2	1146252	1147829	1139550	1144544	0.38	cps
Phosphorus	31-2	81439	81423	80015	80959	1.01	cps
Potassium	39-2	41758043	41829051	41810534	41799209	0.09	cps
Rhodium	103-1	18358231	18300735	18421479	18360148	0.33	cps
Rhodium	103-2	9269977	9258783	9288523	9272428	0.16	cps
Scandium	45-1	11485101	11520308	11433988	11479799	0.38	cps
Scandium	45-2	539725	549495	544862	544694	0.90	cps
Selenium	77-2	7635	7455	7252	7448	2.58	cps
Selenium	78-2	25407	24780	25027	25072	1.26	cps
Selenium	82-1	166773	167657	167150	167193	0.27	cps
Silicon	28-1	5699169	5947261	6035403	5893944	2.96	cps
Silver	109-1	11169534	11154220	11229973	11184576	0.36	cps
Silver	107-1	11681785	11686280	11677020	11681695	0.04	cps
Sodium	23-2	182735729	182214812	183468812	182806451	0.34	cps
Strontium	86-1	2646047	2640084	2673728	2653286	0.68	cps
Strontium	88-1	23581434	23669105	23618994	23623178	0.19	cps
Sulfur	34-1	1412922	1412897	1419992	1415270	0.29	cps
Terbium	159-1	32532742	32667611	32624321	32608225	0.21	cps
Terbium	159-2	14945791	14957506	14977706	14960334	0.11	cps
Thallium	203-1	10966495	10945017	10928588	10946700	0.17	cps
Thallium	205-1	26361792	26547352	26229839	26379661	0.60	cps
Thorium	232-1	41326418	41523362	41232355	41360712	0.36	cps
Tin	118-1	7813197	7891359	7865163	7856573	0.51	cps
Titanium	47-1	5338191	5341625	5349367	5343061	0.11	cps
Uranium	238-1	41080292	40862628	40565990	40836303	0.63	cps
Vanadium	51-2	2034320	2041073	2026616	2034003	0.36	cps
Yttrium	89-1	42401886	42116875	42536138	42351633	0.51	cps
Yttrium	89-2	5967216	5970261	5999796	5979091	0.30	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P7
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:21:46	DataFile Name :	014CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1022435	1026554	1015665	1021551	0.54	cps
Zirconium	90-1	14471377	14368390	14466024	14435264	0.40	cps
Zirconium	91-1	3159954	3164545	3161096	3161865	0.08	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:25:28	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	150	133	136	9.35	cps
Antimony	121-1	7569	8195	8520	8094	5.97	cps
Arsenic	75-1	-8	-518	-546	-357	-84.78	cps
Barium	135-1	225	150	217	197	20.84	cps
Barium	137-1	342	292	225	286	20.46	cps
Beryllium	9-1	283	243	267	264	7.60	cps
Bismuth	209-1	23706984	23690595	23489898	23629159	0.51	cps
Bismuth	209-2	12433796	12549707	12526426	12503310	0.49	cps
Boron	10-1	10020	9428	8319	9256	9.33	cps
Boron	11-1	45737	45152	40873	43921	6.05	cps
Cadmium	111-1	17262	17676	18264	17734	2.84	cps
Cadmium	106-1	24447	24956	25908	25104	2.95	cps
Cadmium	108-1	54	92	108	85	32.75	cps
Calcium	43-1	333	258	267	286	14.37	cps
Calcium	44-1	24964	24922	24805	24897	0.33	cps
Chromium	52-2	1143	1003	1087	1078	6.53	cps
Cobalt	59-2	140	127	123	130	6.78	cps
Copper	63-2	2124	2170	2027	2107	3.47	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	30	37	37	34	11.18	cps
Erbium	164-1	167	158	133	153	11.36	cps
Erbium	164-2	57	80	73	70	17.17	cps
Gadolinium	160-1	308	242	258	269	12.88	cps
Gadolinium	160-2	393	400	363	386	5.06	cps
Holmium	165-1	33567381	33781560	33371718	33573553	0.61	cps
Holmium	165-2	15887033	16126239	16110315	16041196	0.83	cps
Indium	115-1	23258380	23622540	23332681	23404534	0.82	cps
Indium	115-2	4231213	4235697	4281028	4249313	0.65	cps
Iron	56-2	13657	13440	12973	13356	2.62	cps
Iron	57-2	339	317	383	346	9.80	cps
Krypton	83-1	413	453	437	434	4.62	cps
Lead	206-1	4451	4206	4456	4371	3.27	cps
Lead	207-1	3706	4179	4112	3999	6.39	cps
Lead	208-1	16504	16916	17805	17075	3.89	cps
Lithium	6-1	4194339	4215894	4193034	4201089	0.31	cps
Magnesium	24-2	1475	1400	1467	1447	2.84	cps

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P7
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 12:25:28 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	117	157	134	15.15	cps
Molybdenum	94-1	5993	5360	5185	5512	7.72	cps
Molybdenum	95-1	8161	7394	6377	7311	12.24	cps
Molybdenum	96-1	9003	8253	7527	8261	8.93	cps
Molybdenum	97-1	5693	4693	4359	4915	14.12	cps
Molybdenum	98-1	12881	11847	10429	11719	10.50	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	173	170	237	193	19.43	cps
Phosphorus	31-2	383	242	250	292	27.26	cps
Potassium	39-2	46766	46992	46901	46886	0.24	cps
Rhodium	103-1	20935002	20912336	20986622	20944653	0.18	cps
Rhodium	103-2	10606182	10539868	10652084	10599378	0.53	cps
Scandium	45-1	11763318	11894245	11834249	11830604	0.55	cps
Scandium	45-2	545016	545017	548225	546086	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	69	48	58	17.58	cps
Selenium	82-1	47	28	62	46	37.17	cps
Silicon	28-1	191072	183824	178754	184550	3.35	cps
Silver	109-1	2259	2225	1842	2109	10.98	cps
Silver	107-1	2709	2734	2625	2689	2.11	cps
Sodium	23-2	89215	88930	86650	88265	1.59	cps
Strontium	86-1	617	717	842	725	15.55	cps
Strontium	88-1	567	550	517	544	4.68	cps
Sulfur	34-1	624940	627382	625538	625954	0.20	cps
Terbium	159-1	33577425	34008511	33950034	33845324	0.69	cps
Terbium	159-2	15624773	15787270	15696934	15702993	0.52	cps
Thallium	203-1	5360	5802	5185	5449	5.83	cps
Thallium	205-1	13858	12473	11305	12545	10.19	cps
Thorium	232-1	15165	14920	13541	14542	6.02	cps
Tin	118-1	4984	5001	5168	5051	2.01	cps
Titanium	47-1	417	333	358	369	11.57	cps
Uranium	238-1	5051	4935	4876	4954	1.80	cps
Vanadium	51-2	17	27	23	22	22.91	cps
Yttrium	89-1	44366529	44136629	44375086	44292748	0.31	cps
Yttrium	89-2	6166100	6167706	6183174	6172326	0.15	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P7
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:25:28	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	717	620	717	684	8.15	cps
Zirconium	90-1	3251	3484	3359	3364	3.47	cps
Zirconium	91-1	767	608	667	681	11.77	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:29:04	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3717	3826	3459	3667	5.14	cps
Antimony	121-1	38830	40250	38554	39211	2.32	cps
Arsenic	75-1	3383	2897	2654	2978	12.46	cps
Barium	135-1	47014	45517	46621	46384	1.67	cps
Barium	137-1	80207	80458	80181	80282	0.19	cps
Beryllium	9-1	3010	2890	2820	2907	3.31	cps
Bismuth	209-1	23926961	23902067	24000154	23943061	0.21	cps
Bismuth	209-2	12472127	12287011	12718383	12492507	1.73	cps
Boron	10-1	16868	16335	17110	16771	2.37	cps
Boron	11-1	80581	80247	82803	81210	1.71	cps
Cadmium	111-1	24356	23905	24106	24122	0.94	cps
Cadmium	106-1	26592	26801	27077	26824	0.91	cps
Cadmium	108-1	508	558	546	538	4.84	cps
Calcium	43-1	24388	24613	24538	24513	0.47	cps
Calcium	44-1	413594	419770	413895	415753	0.84	cps
Chromium	52-2	12165	12592	12115	12291	2.13	cps
Cobalt	59-2	9623	10297	9753	9891	3.61	cps
Copper	63-2	16109	16660	16423	16397	1.68	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	47	50	23	40	36.33	cps
Erbium	164-1	108	133	117	119	10.66	cps
Erbium	164-2	110	50	77	79	38.11	cps
Gadolinium	160-1	200	250	258	236	13.36	cps
Gadolinium	160-2	470	467	470	469	0.41	cps
Holmium	165-1	34337763	33910171	34181535	34143156	0.63	cps
Holmium	165-2	16237857	15922506	16443205	16201189	1.62	cps
Indium	115-1	23743706	23757296	23700990	23733997	0.12	cps
Indium	115-2	4302760	4229133	4370994	4300962	1.65	cps
Iron	56-2	268789	271847	272822	271152	0.78	cps
Iron	57-2	6585	7146	6818	6850	4.12	cps
Krypton	83-1	470	447	473	463	3.14	cps
Lead	206-1	23210	22041	22553	22601	2.59	cps
Lead	207-1	20121	19626	20522	20090	2.23	cps
Lead	208-1	92316	89676	90783	90925	1.46	cps
Lithium	6-1	4302563	4289185	4294832	4295527	0.16	cps
Magnesium	24-2	217287	216455	220338	218026	0.94	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:29:04	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3754	3577	3671	3667	2.41	cps
Molybdenum	94-1	39096	39213	37450	38587	2.55	cps
Molybdenum	95-1	49503	47840	47964	48436	1.91	cps
Molybdenum	96-1	52472	52406	54070	52983	1.78	cps
Molybdenum	97-1	30124	29515	30776	30138	2.09	cps
Molybdenum	98-1	77771	76975	77209	77318	0.53	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	20	7	10	88.20	cps
Nickel	60-2	2830	2987	3204	3007	6.24	cps
Phosphorus	31-2	933	917	767	872	10.52	cps
Potassium	39-2	215889	213889	217368	215715	0.81	cps
Rhodium	103-1	21106077	21217280	21215574	21179644	0.30	cps
Rhodium	103-2	10809489	10549170	10919927	10759529	1.77	cps
Scandium	45-1	12066230	12017356	12074426	12052671	0.26	cps
Scandium	45-2	553505	547926	561244	554225	1.21	cps
Selenium	77-2	110	73	73	86	24.75	cps
Selenium	78-2	337	311	359	336	7.18	cps
Selenium	82-1	1989	2076	2099	2055	2.80	cps
Silicon	28-1	248913	244686	248736	247445	0.97	cps
Silver	109-1	24330	24297	24205	24277	0.27	cps
Silver	107-1	26083	25874	25683	25880	0.77	cps
Sodium	23-2	467297	469104	472309	469570	0.54	cps
Strontium	86-1	6235	6252	6343	6277	0.93	cps
Strontium	88-1	49344	48584	49570	49166	1.05	cps
Sulfur	34-1	641191	655274	655640	650702	1.27	cps
Terbium	159-1	34575634	34490622	34527079	34531111	0.12	cps
Terbium	159-2	15728051	15465891	16099646	15764529	2.02	cps
Thallium	203-1	27605	26995	27154	27251	1.16	cps
Thallium	205-1	62389	63269	62917	62858	0.70	cps
Thorium	232-1	85561	86842	87116	86506	0.96	cps
Tin	118-1	89685	88973	91539	90066	1.47	cps
Titanium	47-1	11497	11396	11296	11397	0.88	cps
Uranium	238-1	83677	83828	83551	83685	0.17	cps
Vanadium	51-2	22170	22203	23162	22512	2.50	cps
Yttrium	89-1	45007594	45367714	45146411	45173907	0.40	cps
Yttrium	89-2	6279028	6107955	6395753	6260912	2.31	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:29:04	DataFile Name :	016LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3107	3177	3210	3165	1.67	cps
Zirconium	90-1	30308	30926	29957	30397	1.61	cps
Zirconium	91-1	6810	6827	6785	6807	0.31	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BL	Instrumnet Name :	P7
Client Sample ID :	PB122913BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:32:39	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	75	78	16.37	cps
Antimony	121-1	1025	1158	1342	1175	13.53	cps
Arsenic	75-1	-668	-494	-407	-523	-25.42	cps
Barium	135-1	58	100	25	61	61.49	cps
Barium	137-1	67	83	50	67	25.00	cps
Beryllium	9-1	203	180	140	174	18.36	cps
Bismuth	209-1	23888477	23744049	23751628	23794718	0.34	cps
Bismuth	209-2	12539266	12589318	12599949	12576178	0.26	cps
Boron	10-1	5285	4734	4893	4970	5.70	cps
Boron	11-1	24654	23903	22259	23605	5.19	cps
Cadmium	111-1	18211	17964	17801	17992	1.15	cps
Cadmium	106-1	25958	25507	25399	25621	1.16	cps
Cadmium	108-1	92	29	100	74	52.59	cps
Calcium	43-1	50	83	183	106	65.74	cps
Calcium	44-1	22435	23445	22235	22705	2.86	cps
Chromium	52-2	1053	1130	1060	1081	3.93	cps
Cobalt	59-2	110	90	130	110	18.18	cps
Copper	63-2	1997	1730	1857	1861	7.17	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	27	20	57	34	56.70	cps
Erbium	164-1	217	100	117	144	43.68	cps
Erbium	164-2	70	103	103	92	20.87	cps
Gadolinium	160-1	342	325	200	289	26.80	cps
Gadolinium	160-2	403	477	460	447	8.61	cps
Holmium	165-1	33831901	33719968	33562153	33704674	0.40	cps
Holmium	165-2	16130576	16257051	16335972	16241200	0.64	cps
Indium	115-1	23708162	23724199	23754358	23728906	0.10	cps
Indium	115-2	4265816	4335475	4339667	4313653	0.96	cps
Iron	56-2	5646	5535	5768	5649	2.07	cps
Iron	57-2	156	156	144	152	4.22	cps
Krypton	83-1	440	480	390	437	10.33	cps
Lead	206-1	3045	3012	2856	2971	3.39	cps
Lead	207-1	2606	2573	2717	2632	2.87	cps
Lead	208-1	11441	11236	11219	11298	1.10	cps
Lithium	6-1	4281450	4266866	4250529	4266282	0.36	cps
Magnesium	24-2	817	767	842	808	4.72	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BL	Instrumnet Name :	P7
Client Sample ID :	PB122913BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:32:39	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	100	117	111	8.66	cps
Molybdenum	94-1	1600	1600	1508	1570	3.37	cps
Molybdenum	95-1	1358	1275	1242	1292	4.65	cps
Molybdenum	96-1	1717	1784	1450	1650	10.69	cps
Molybdenum	97-1	933	850	833	872	6.14	cps
Molybdenum	98-1	2409	2184	2150	2247	6.25	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	10	17	9	94.38	cps
Nickel	60-2	207	200	200	202	1.90	cps
Phosphorus	31-2	325	242	292	286	14.66	cps
Potassium	39-2	39528	38910	39203	39214	0.79	cps
Rhodium	103-1	21169069	21332380	21190637	21230695	0.42	cps
Rhodium	103-2	10645391	10735567	10861921	10747626	1.01	cps
Scandium	45-1	11975424	11972471	12016375	11988090	0.20	cps
Scandium	45-2	553043	552995	560746	555594	0.80	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	35	54	43	44	21.26	cps
Selenium	82-1	32	-5	52	26	109.14	cps
Silicon	28-1	154860	154162	156519	155180	0.78	cps
Silver	109-1	1050	833	917	933	11.71	cps
Silver	107-1	1208	1308	1475	1331	10.13	cps
Sodium	23-2	69554	68322	69453	69110	0.99	cps
Strontium	86-1	750	683	825	753	9.42	cps
Strontium	88-1	250	267	275	264	4.83	cps
Sulfur	34-1	658006	664677	664591	662425	0.58	cps
Terbium	159-1	34152868	33856043	34125066	34044659	0.48	cps
Terbium	159-2	15745611	15891604	15914920	15850712	0.58	cps
Thallium	203-1	2334	2467	2584	2461	5.08	cps
Thallium	205-1	5218	5368	4859	5148	5.08	cps
Thorium	232-1	6052	6152	6168	6124	1.03	cps
Tin	118-1	2600	2684	2734	2673	2.52	cps
Titanium	47-1	208	242	217	222	7.81	cps
Uranium	238-1	3842	4184	3892	3973	4.65	cps
Vanadium	51-2	10	13	17	13	25.01	cps
Yttrium	89-1	45064046	44971706	44450201	44828651	0.74	cps
Yttrium	89-2	6179146	6285569	6320810	6261842	1.18	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BL	Instrumnet Name :	P7
Client Sample ID :	PB122913BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:32:39	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	623	643	563	610	6.83	cps
Zirconium	90-1	2667	2484	2734	2628	4.93	cps
Zirconium	91-1	542	500	633	558	12.22	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BS	Instrumnet Name :	P7
Client Sample ID :	PB122913BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:36:14	DataFile Name :	018DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1664669	1659577	1679044	1667764	0.61	cps
Antimony	121-1	9835319	9814762	9754162	9801415	0.43	cps
Arsenic	75-1	1917123	1899229	1916790	1911047	0.54	cps
Barium	135-1	11523445	11490288	11559550	11524428	0.30	cps
Barium	137-1	20148650	20037933	20010793	20065792	0.36	cps
Beryllium	9-1	1313841	1309828	1305584	1309751	0.32	cps
Bismuth	209-1	22701321	22791523	22761960	22751601	0.20	cps
Bismuth	209-2	11821002	11891099	11869029	11860377	0.30	cps
Boron	10-1	218460	224098	221805	221454	1.28	cps
Boron	11-1	1067780	1078767	1097401	1081316	1.38	cps
Cadmium	111-1	2818590	2807115	2796065	2807256	0.40	cps
Cadmium	106-1	341282	341695	339393	340790	0.36	cps
Cadmium	108-1	221051	221457	218784	220431	0.65	cps
Calcium	43-1	2421924	2404101	2388873	2404966	0.69	cps
Calcium	44-1	40439430	40224494	40094156	40252693	0.43	cps
Chromium	52-2	2677931	2671396	2702723	2684017	0.62	cps
Cobalt	59-2	4594189	4596782	4604689	4598553	0.12	cps
Copper	63-2	6741003	6746231	6764851	6750695	0.19	cps
Dysprosium	156-1	308	208	175	231	30.10	cps
Dysprosium	156-2	263	203	243	237	12.91	cps
Erbium	164-1	175	150	208	178	16.46	cps
Erbium	164-2	120	123	90	111	16.52	cps
Gadolinium	160-1	358	300	258	306	16.44	cps
Gadolinium	160-2	430	427	367	408	8.74	cps
Holmium	165-1	33866314	34232505	33559620	33886146	0.99	cps
Holmium	165-2	15971576	16041606	16209842	16074341	0.76	cps
Indium	115-1	22792657	22697772	22760431	22750286	0.21	cps
Indium	115-2	4054373	4073907	4095724	4074668	0.51	cps
Iron	56-2	122981683	122815000	124196625	123331103	0.61	cps
Iron	57-2	2992259	3002305	3012240	3002268	0.33	cps
Krypton	83-1	500	483	417	467	9.45	cps
Lead	206-1	9842804	9711098	9727557	9760486	0.74	cps
Lead	207-1	8689567	8639697	8549584	8626283	0.82	cps
Lead	208-1	39513491	39306099	38933462	39251017	0.75	cps
Lithium	6-1	4170127	4130925	4083737	4128263	1.05	cps
Magnesium	24-2	20644350	20641970	20859151	20715157	0.60	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BS	Instrumnet Name :	P7
Client Sample ID :	PB122913BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:36:14	DataFile Name :	018DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3203360	3196727	3235316	3211801	0.64	cps
Molybdenum	94-1	19003287	18968386	18869946	18947207	0.36	cps
Molybdenum	95-1	23989677	23747844	23715931	23817817	0.63	cps
Molybdenum	96-1	26738447	26580755	26549084	26622762	0.38	cps
Molybdenum	97-1	15063566	14980265	14854877	14966236	0.70	cps
Molybdenum	98-1	38895838	38633055	38499432	38676109	0.52	cps
Neodymium	150-1	987	1013	1207	1069	11.23	cps
Neodymium	150-2	100	57	73	77	28.51	cps
Nickel	60-2	1201544	1203164	1214438	1206382	0.58	cps
Phosphorus	31-2	83459	83601	84028	83696	0.35	cps
Potassium	39-2	8509615	8569225	8608797	8562546	0.58	cps
Rhodium	103-1	20116565	20041821	19941968	20033451	0.44	cps
Rhodium	103-2	9945918	10035399	10020721	10000680	0.48	cps
Scandium	45-1	11812850	11714256	11730697	11752601	0.45	cps
Scandium	45-2	534701	544756	546681	542046	1.19	cps
Selenium	77-2	7969	7916	8399	8095	3.28	cps
Selenium	78-2	27456	27328	27767	27517	0.82	cps
Selenium	82-1	185504	185812	187003	186106	0.43	cps
Silicon	28-1	6794342	6994796	7094440	6961193	2.20	cps
Silver	109-1	12247222	12261602	12037834	12182219	1.03	cps
Silver	107-1	12813440	12806498	12622733	12747557	0.85	cps
Sodium	23-2	39066300	39249128	39506757	39274062	0.56	cps
Strontium	86-1	2749187	2747577	2759106	2751957	0.23	cps
Strontium	88-1	24714652	24693350	24636427	24681476	0.16	cps
Sulfur	34-1	1484760	1474671	1467465	1475632	0.59	cps
Terbium	159-1	34148656	34087933	33928700	34055096	0.33	cps
Terbium	159-2	15522212	15459518	15608298	15530009	0.48	cps
Thallium	203-1	11961663	11913962	11812653	11896092	0.64	cps
Thallium	205-1	28784371	28845126	28539624	28723040	0.56	cps
Thorium	232-1	42964401	42921990	43294966	43060452	0.47	cps
Tin	118-1	8335406	8313431	8328747	8325861	0.14	cps
Titanium	47-1	5541266	5463763	5510844	5505291	0.71	cps
Uranium	238-1	42292889	42089980	42215953	42199608	0.24	cps
Vanadium	51-2	2043597	2060032	2072291	2058640	0.70	cps
Yttrium	89-1	44259638	44122868	43863628	44082044	0.46	cps
Yttrium	89-2	6020571	6091058	6093526	6068385	0.68	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	PB122913BS	Instrumnet Name :	P7
Client Sample ID :	PB122913BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:36:14	DataFile Name :	018DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1050068	1059286	1066797	1058717	0.79	cps
Zirconium	90-1	14820543	14785029	14872430	14826001	0.30	cps
Zirconium	91-1	3227852	3239758	3259692	3242434	0.50	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:39:50	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18237	18470	18487	18398	0.76	cps
Antimony	121-1	9395	10696	11330	10474	9.42	cps
Arsenic	75-1	45	354	211	203	76.33	cps
Barium	135-1	175325	175704	174003	175011	0.51	cps
Barium	137-1	304683	307920	312351	308318	1.25	cps
Beryllium	9-1	207	217	260	228	12.45	cps
Bismuth	209-1	22784975	23025746	23314242	23041655	1.15	cps
Bismuth	209-2	11949161	12200404	12328036	12159201	1.59	cps
Boron	10-1	26766	26298	25456	26173	2.54	cps
Boron	11-1	128048	125569	126064	126560	1.04	cps
Cadmium	111-1	17374	17344	17516	17412	0.53	cps
Cadmium	106-1	24597	24464	24839	24634	0.77	cps
Cadmium	108-1	146	79	67	97	43.78	cps
Calcium	43-1	1274959	1266080	1278341	1273127	0.50	cps
Calcium	44-1	21227433	21155729	21193840	21192334	0.17	cps
Chromium	52-2	2747	2824	2864	2811	2.11	cps
Cobalt	59-2	617	650	643	637	2.77	cps
Copper	63-2	1602192	1612022	1626455	1613556	0.76	cps
Dysprosium	156-1	92	100	92	94	5.10	cps
Dysprosium	156-2	107	90	80	92	14.61	cps
Erbium	164-1	175	308	183	222	33.61	cps
Erbium	164-2	103	133	137	124	14.75	cps
Gadolinium	160-1	267	317	392	325	19.36	cps
Gadolinium	160-2	527	460	510	499	6.95	cps
Holmium	165-1	33150698	33562633	33674584	33462638	0.82	cps
Holmium	165-2	15812069	16156737	16422231	16130345	1.90	cps
Indium	115-1	22837753	23112549	23160678	23036993	0.76	cps
Indium	115-2	4129178	4211870	4283714	4208254	1.84	cps
Iron	56-2	105145	104603	105951	105233	0.64	cps
Iron	57-2	10821	10337	11388	10849	4.85	cps
Krypton	83-1	403	467	393	421	9.44	cps
Lead	206-1	6619	6952	6819	6796	2.47	cps
Lead	207-1	5740	6229	5724	5898	4.87	cps
Lead	208-1	26061	26644	25810	26172	1.64	cps
Lithium	6-1	4100860	4131583	4105990	4112811	0.40	cps
Magnesium	24-2	3482224	3526963	3536304	3515164	0.82	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:39:50	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18318	18695	18522	18512	1.02	cps
Molybdenum	94-1	10137	8061	8278	8825	12.93	cps
Molybdenum	95-1	14324	13290	12498	13371	6.85	cps
Molybdenum	96-1	15401	14450	13640	14497	6.08	cps
Molybdenum	97-1	8403	8853	8086	8447	4.56	cps
Molybdenum	98-1	23278	20816	19840	21311	8.31	cps
Neodymium	150-1	87	47	53	62	34.44	cps
Neodymium	150-2	23	30	27	27	12.51	cps
Nickel	60-2	24063	23749	24554	24122	1.68	cps
Phosphorus	31-2	6635	6977	6777	6796	2.53	cps
Potassium	39-2	723336	730783	732767	728962	0.68	cps
Rhodium	103-1	20129142	20389182	20342024	20286782	0.68	cps
Rhodium	103-2	10229413	10300912	10529101	10353142	1.51	cps
Scandium	45-1	11682368	11695069	11738470	11705302	0.25	cps
Scandium	45-2	541568	548111	557466	549049	1.46	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	43	43	48	44	7.22	cps
Selenium	82-1	124	105	128	119	10.23	cps
Silicon	28-1	33505060	33532729	34067964	33701918	0.94	cps
Silver	109-1	575	525	450	517	12.18	cps
Silver	107-1	983	992	742	906	15.68	cps
Sodium	23-2	22508451	22645331	22776882	22643555	0.59	cps
Strontium	86-1	668588	670298	668246	669044	0.16	cps
Strontium	88-1	5928532	5987480	5985333	5967115	0.56	cps
Sulfur	34-1	2093100	2109311	2123572	2108661	0.72	cps
Terbium	159-1	33485557	34023569	33710280	33739802	0.80	cps
Terbium	159-2	15465046	15611040	15839947	15638678	1.21	cps
Thallium	203-1	3592	3100	3367	3353	7.34	cps
Thallium	205-1	7577	7010	6927	7172	4.93	cps
Thorium	232-1	14431	13819	14508	14253	2.65	cps
Tin	118-1	6677	6652	7035	6788	3.16	cps
Titanium	47-1	2567	2750	2759	2692	4.02	cps
Uranium	238-1	8453	7844	7569	7956	5.69	cps
Vanadium	51-2	2087	2270	2174	2177	4.21	cps
Yttrium	89-1	43209488	43862213	43777588	43616429	0.81	cps
Yttrium	89-2	6038537	6071133	6235378	6115016	1.73	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:39:50	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	525818	528055	534274	529382	0.83	cps
Zirconium	90-1	3084	3401	3509	3331	6.63	cps
Zirconium	91-1	633	708	717	686	6.69	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01DUP	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-ADUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:43:50	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19321	19288	18713	19107	1.79	cps
Antimony	121-1	3801	3901	4117	3940	4.11	cps
Arsenic	75-1	631	319	78	343	81.04	cps
Barium	135-1	176347	177519	176237	176701	0.40	cps
Barium	137-1	311678	311237	310203	311039	0.24	cps
Beryllium	9-1	167	150	197	171	13.82	cps
Bismuth	209-1	23127535	23010865	23182931	23107111	0.38	cps
Bismuth	209-2	12233898	12356989	12348600	12313162	0.56	cps
Boron	10-1	21257	21165	22150	21524	2.53	cps
Boron	11-1	107430	106433	106683	106849	0.49	cps
Cadmium	111-1	17480	17143	18051	17558	2.61	cps
Cadmium	106-1	24714	24347	25658	24906	2.71	cps
Cadmium	108-1	46	71	79	65	26.58	cps
Calcium	43-1	1274747	1282808	1295184	1284246	0.80	cps
Calcium	44-1	21368649	21510212	21653077	21510646	0.66	cps
Chromium	52-2	3084	3204	3190	3159	2.08	cps
Cobalt	59-2	670	613	637	640	4.45	cps
Copper	63-2	1651530	1656172	1655791	1654498	0.16	cps
Dysprosium	156-1	100	117	142	119	17.56	cps
Dysprosium	156-2	63	83	73	73	13.64	cps
Erbium	164-1	117	183	308	203	47.99	cps
Erbium	164-2	130	150	113	131	14.00	cps
Gadolinium	160-1	367	333	308	336	8.71	cps
Gadolinium	160-2	467	517	417	467	10.71	cps
Holmium	165-1	33623957	33954939	34116995	33898630	0.74	cps
Holmium	165-2	16339435	16274761	16337359	16317185	0.23	cps
Indium	115-1	23280763	23378258	23513411	23390811	0.50	cps
Indium	115-2	4228278	4248950	4267199	4248142	0.46	cps
Iron	56-2	110289	111582	112204	111358	0.88	cps
Iron	57-2	10754	10549	11054	10786	2.36	cps
Krypton	83-1	463	400	417	427	7.69	cps
Lead	206-1	8153	7786	7697	7879	3.07	cps
Lead	207-1	6491	6874	6796	6720	3.02	cps
Lead	208-1	30459	30286	29992	30246	0.78	cps
Lithium	6-1	4126928	4129849	4150301	4135693	0.31	cps
Magnesium	24-2	3582653	3598806	3570189	3583882	0.40	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01DUP	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-ADUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:43:50	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18645	18402	18575	18541	0.68	cps
Molybdenum	94-1	5084	4826	5210	5040	3.88	cps
Molybdenum	95-1	7619	7219	8036	7625	5.36	cps
Molybdenum	96-1	8111	7969	8219	8100	1.55	cps
Molybdenum	97-1	5018	4984	4951	4984	0.67	cps
Molybdenum	98-1	12956	11772	11964	12231	5.20	cps
Neodymium	150-1	60	93	80	78	21.57	cps
Neodymium	150-2	30	37	20	29	29.04	cps
Nickel	60-2	24517	25299	24160	24659	2.36	cps
Phosphorus	31-2	6844	6585	6627	6685	2.08	cps
Potassium	39-2	738950	743870	743448	742089	0.37	cps
Rhodium	103-1	20547358	20492865	20588888	20543037	0.23	cps
Rhodium	103-2	10508752	10407320	10483607	10466560	0.50	cps
Scandium	45-1	11771936	11907259	11927176	11868790	0.71	cps
Scandium	45-2	556026	553907	561103	557012	0.66	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	39	50	41	43	13.78	cps
Selenium	82-1	90	189	133	137	36.26	cps
Silicon	28-1	34053602	34100099	34487200	34213633	0.70	cps
Silver	109-1	517	450	367	444	16.91	cps
Silver	107-1	717	633	825	725	13.26	cps
Sodium	23-2	23135242	23254430	23207977	23199216	0.26	cps
Strontium	86-1	671108	678130	677534	675591	0.58	cps
Strontium	88-1	6005356	6090454	6060632	6052147	0.71	cps
Sulfur	34-1	2130382	2135745	2140697	2135608	0.24	cps
Terbium	159-1	34160897	33848362	34035102	34014787	0.46	cps
Terbium	159-2	15728291	15804739	15768864	15767298	0.24	cps
Thallium	203-1	2000	2325	2034	2120	8.44	cps
Thallium	205-1	4659	4884	4418	4654	5.02	cps
Thorium	232-1	6602	7008	7625	7078	7.28	cps
Tin	118-1	5059	4876	5610	5182	7.37	cps
Titanium	47-1	2692	2434	2625	2584	5.19	cps
Uranium	238-1	7211	7594	7578	7461	2.91	cps
Vanadium	51-2	2280	2054	2327	2220	6.59	cps
Yttrium	89-1	44135198	44525036	44374621	44344952	0.44	cps
Yttrium	89-2	6219869	6210568	6205179	6211872	0.12	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01DUP	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-ADUP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:43:50	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	540236	542544	541533	541438	0.21	cps
Zirconium	90-1	2367	2825	2834	2675	9.98	cps
Zirconium	91-1	558	600	458	539	13.51	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-09 12:47:26	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3951	3859	3726	3845	2.94	cps
Antimony	121-1	1483	1325	1433	1414	5.72	cps
Arsenic	75-1	-638	-524	-355	-505	-28.18	cps
Barium	135-1	35304	34060	35497	34954	2.23	cps
Barium	137-1	62424	60617	61922	61654	1.51	cps
Beryllium	9-1	153	127	120	133	13.23	cps
Bismuth	209-1	23927664	23740241	23755035	23807647	0.44	cps
Bismuth	209-2	12689371	12495951	12385959	12523760	1.23	cps
Boron	10-1	8153	8353	8119	8208	1.54	cps
Boron	11-1	39862	39778	38968	39536	1.25	cps
Cadmium	111-1	17842	16773	16935	17183	3.36	cps
Cadmium	106-1	25340	23804	24047	24397	3.38	cps
Cadmium	108-1	42	46	63	50	22.05	cps
Calcium	43-1	253443	252402	255693	253846	0.66	cps
Calcium	44-1	4207205	4173538	4198478	4193073	0.42	cps
Chromium	52-2	1513	1423	1480	1472	3.09	cps
Cobalt	59-2	187	177	197	187	5.36	cps
Copper	63-2	328330	325513	324546	326130	0.60	cps
Dysprosium	156-1	75	75	58	69	13.85	cps
Dysprosium	156-2	47	60	43	50	17.64	cps
Erbium	164-1	150	125	92	122	23.95	cps
Erbium	164-2	150	150	123	141	10.91	cps
Gadolinium	160-1	283	292	242	272	9.84	cps
Gadolinium	160-2	430	393	470	431	8.89	cps
Holmium	165-1	34055473	34184520	33939774	34059922	0.36	cps
Holmium	165-2	16371898	16239777	16115008	16242228	0.79	cps
Indium	115-1	23836234	23744409	23514201	23698282	0.70	cps
Indium	115-2	4291346	4258219	4235191	4261585	0.66	cps
Iron	56-2	23464	23358	24026	23616	1.52	cps
Iron	57-2	2167	2234	2084	2161	3.48	cps
Krypton	83-1	500	457	500	486	5.15	cps
Lead	206-1	2873	2984	2928	2928	1.90	cps
Lead	207-1	2439	2711	2734	2628	6.24	cps
Lead	208-1	10557	11008	11091	10885	2.64	cps
Lithium	6-1	4188312	4158657	4171968	4172979	0.36	cps
Magnesium	24-2	705366	702277	691282	699642	1.06	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-09 12:47:26	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3677	3747	3821	3748	1.91	cps
Molybdenum	94-1	1742	2075	1892	1903	8.78	cps
Molybdenum	95-1	2275	2250	2034	2186	6.08	cps
Molybdenum	96-1	2109	2317	2384	2270	6.32	cps
Molybdenum	97-1	1075	1517	1467	1353	17.88	cps
Molybdenum	98-1	3567	3642	3284	3498	5.41	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	23	10	23	19	40.75	cps
Nickel	60-2	5108	5011	5098	5072	1.05	cps
Phosphorus	31-2	1675	1500	1592	1589	5.51	cps
Potassium	39-2	171470	168403	171083	170319	0.98	cps
Rhodium	103-1	21210120	21012352	21030283	21084252	0.52	cps
Rhodium	103-2	10637575	10616904	10394648	10549709	1.28	cps
Scandium	45-1	11919760	11968200	11973046	11953669	0.25	cps
Scandium	45-2	553018	544673	540564	546085	1.16	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	35	41	33	36	10.59	cps
Selenium	82-1	1	-7	-20	-9	-122.66	cps
Silicon	28-1	6850591	6841625	6839881	6844033	0.08	cps
Silver	109-1	408	375	317	367	12.65	cps
Silver	107-1	683	575	733	664	12.19	cps
Sodium	23-2	4583024	4567242	4525278	4558515	0.65	cps
Strontium	86-1	135568	133021	136442	135010	1.32	cps
Strontium	88-1	1177162	1172330	1170220	1173237	0.30	cps
Sulfur	34-1	922318	918399	916934	919217	0.30	cps
Terbium	159-1	34337463	34175057	34452188	34321569	0.41	cps
Terbium	159-2	15920974	15685042	15528566	15711527	1.26	cps
Thallium	203-1	1759	1684	1684	1709	2.53	cps
Thallium	205-1	3326	3059	3059	3148	4.89	cps
Thorium	232-1	4951	5373	5512	5279	5.54	cps
Tin	118-1	3109	2900	3059	3023	3.60	cps
Titanium	47-1	758	658	608	675	11.31	cps
Uranium	238-1	4709	4543	4276	4509	4.85	cps
Vanadium	51-2	460	377	420	419	9.95	cps
Yttrium	89-1	44698713	44798488	44601198	44699466	0.22	cps
Yttrium	89-2	6219049	6153794	6089359	6154067	1.05	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-09 12:47:26	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	109719	108845	108684	109082	0.51	cps
Zirconium	90-1	2417	1967	2384	2256	11.12	cps
Zirconium	91-1	458	425	350	411	13.50	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MS	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:51:02	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	327366	330164	325796	327775	0.67	cps
Antimony	121-1	15580188	15701747	15599006	15626980	0.42	cps
Arsenic	75-1	2927871	2926923	2917852	2924215	0.19	cps
Barium	135-1	1059644	1070778	1080402	1070275	0.97	cps
Barium	137-1	1869705	1893416	1890470	1884531	0.69	cps
Beryllium	9-1	516673	512889	511456	513673	0.52	cps
Bismuth	209-1	23037246	22925797	23012575	22991873	0.25	cps
Bismuth	209-2	11979158	11999233	11952994	11977128	0.19	cps
Boron	10-1	148551	150955	150500	150002	0.85	cps
Boron	11-1	716413	723932	733673	724673	1.19	cps
Cadmium	111-1	1103671	1109836	1101129	1104879	0.41	cps
Cadmium	106-1	119510	119257	119568	119445	0.14	cps
Cadmium	108-1	72174	73025	72396	72532	0.61	cps
Calcium	43-1	1287842	1289680	1309247	1295590	0.92	cps
Calcium	44-1	21645871	21707222	21791319	21714804	0.34	cps
Chromium	52-2	2109019	2097185	2098775	2101660	0.31	cps
Cobalt	59-2	1825125	1832502	1845705	1834444	0.57	cps
Copper	63-2	3597096	3601429	3583064	3593863	0.27	cps
Dysprosium	156-1	1358195	1349987	1348133	1352105	0.40	cps
Dysprosium	156-2	283875	283265	281613	282918	0.41	cps
Erbium	164-1	275	342	317	311	10.82	cps
Erbium	164-2	200	167	230	199	15.93	cps
Gadolinium	160-1	742	850	917	836	10.56	cps
Gadolinium	160-2	533	573	530	546	4.42	cps
Holmium	165-1	33720398	33603696	33785539	33703211	0.27	cps
Holmium	165-2	15952422	16011539	15931451	15965137	0.26	cps
Indium	115-1	22422366	22624340	22689586	22578764	0.62	cps
Indium	115-2	4078441	4089236	4112889	4093522	0.43	cps
Iron	56-2	14684875	14643178	14582265	14636773	0.35	cps
Iron	57-2	364170	364217	361995	363461	0.35	cps
Krypton	83-1	427	557	570	518	15.29	cps
Lead	206-1	19346783	19555215	19481301	19461100	0.54	cps
Lead	207-1	16962607	17116926	17051910	17043814	0.45	cps
Lead	208-1	77894134	78148506	78259364	78100668	0.24	cps
Lithium	6-1	4170508	4174974	4193872	4179785	0.30	cps
Magnesium	24-2	4200462	4232756	4229572	4220930	0.42	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MS	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:51:02	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	633499	639764	635232	636165	0.51	cps
Molybdenum	94-1	1984574	1977540	1987401	1983172	0.26	cps
Molybdenum	95-1	3506349	3505260	3501591	3504400	0.07	cps
Molybdenum	96-1	3769752	3728714	3749477	3749314	0.55	cps
Molybdenum	97-1	2193485	2176029	2197164	2188893	0.52	cps
Molybdenum	98-1	5700271	5657468	5736386	5698041	0.69	cps
Neodymium	150-1	193	233	180	202	13.72	cps
Neodymium	150-2	30	57	53	47	31.14	cps
Nickel	60-2	1231563	1239346	1240234	1237047	0.39	cps
Phosphorus	31-2	54266	54459	55621	54782	1.34	cps
Potassium	39-2	3982927	3992242	3971186	3982118	0.26	cps
Rhodium	103-1	19952451	20032342	20222245	20069012	0.69	cps
Rhodium	103-2	10140759	10127929	10144225	10137637	0.08	cps
Scandium	45-1	11556683	11598245	11619295	11591407	0.27	cps
Scandium	45-2	530454	537913	534564	534310	0.70	cps
Selenium	77-2	31160	30940	32052	31384	1.88	cps
Selenium	78-2	106549	106592	105569	106237	0.54	cps
Selenium	82-1	725669	727199	724271	725713	0.20	cps
Silicon	28-1	41173871	41354825	41105291	41211329	0.31	cps
Silver	109-1	1780409	1806145	1786089	1790881	0.75	cps
Silver	107-1	1867892	1866087	1867631	1867203	0.05	cps
Sodium	23-2	24400042	24385267	24251010	24345440	0.34	cps
Strontium	86-1	1748100	1751146	1754648	1751298	0.19	cps
Strontium	88-1	15679926	15706589	15713700	15700072	0.11	cps
Sulfur	34-1	2051115	2030578	2006525	2029406	1.10	cps
Terbium	159-1	33726910	33792055	33858177	33792381	0.19	cps
Terbium	159-2	15512314	15454666	15504408	15490462	0.20	cps
Thallium	203-1	47412147	47718925	47795854	47642309	0.43	cps
Thallium	205-1	115209144	114206698	114454198	114623347	0.46	cps
Thorium	232-1	10338	10193	10265	10265	0.70	cps
Tin	118-1	11631251	11720283	11761025	11704186	0.57	cps
Titanium	47-1	433938	441627	438193	437919	0.88	cps
Uranium	238-1	7286	7019	7477	7261	3.17	cps
Vanadium	51-2	1210837	1211441	1199122	1207133	0.58	cps
Yttrium	89-1	43355734	43443059	43632259	43477018	0.33	cps
Yttrium	89-2	5979348	5962684	6006463	5982832	0.37	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MS	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:51:02	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	725957	723996	723173	724375	0.20	cps
Zirconium	90-1	9962	9312	9245	9506	4.17	cps
Zirconium	91-1	5735	5401	5218	5451	4.81	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MSD	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:54:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320669	319072	318289	319344	0.38	cps
Antimony	121-1	15200710	15321228	15311951	15277963	0.44	cps
Arsenic	75-1	2788229	2828349	2866055	2827544	1.38	cps
Barium	135-1	1051904	1058537	1058751	1056398	0.37	cps
Barium	137-1	1829525	1855310	1859168	1848001	0.87	cps
Beryllium	9-1	495141	493032	497922	495365	0.50	cps
Bismuth	209-1	22791103	22685286	22828541	22768310	0.33	cps
Bismuth	209-2	11928944	11935045	11910336	11924775	0.11	cps
Boron	10-1	145318	150309	153657	149761	2.80	cps
Boron	11-1	709276	725768	737900	724315	1.98	cps
Cadmium	111-1	1081089	1084440	1086544	1084024	0.25	cps
Cadmium	106-1	116383	117315	118004	117234	0.69	cps
Cadmium	108-1	71040	70889	72736	71555	1.43	cps
Calcium	43-1	1261111	1250286	1256183	1255860	0.43	cps
Calcium	44-1	21090086	21073993	20980286	21048122	0.28	cps
Chromium	52-2	2075372	2073838	2072517	2073909	0.07	cps
Cobalt	59-2	1812609	1805657	1809664	1809310	0.19	cps
Copper	63-2	3532524	3542370	3531888	3535594	0.17	cps
Dysprosium	156-1	1293062	1332601	1330883	1318849	1.69	cps
Dysprosium	156-2	283074	282415	279251	281580	0.73	cps
Erbium	164-1	267	317	242	275	13.89	cps
Erbium	164-2	200	137	170	169	18.76	cps
Gadolinium	160-1	642	675	767	694	9.32	cps
Gadolinium	160-2	530	663	543	579	12.69	cps
Holmium	165-1	33330739	33349610	33182979	33287776	0.27	cps
Holmium	165-2	15897005	15802708	15821459	15840391	0.32	cps
Indium	115-1	22267693	22346007	22442134	22351945	0.39	cps
Indium	115-2	4052999	4031139	4034870	4039669	0.29	cps
Iron	56-2	14512692	14497237	14326021	14445317	0.72	cps
Iron	57-2	355596	355739	354489	355274	0.19	cps
Krypton	83-1	493	473	580	516	11.00	cps
Lead	206-1	19076139	19105813	19462782	19214912	1.12	cps
Lead	207-1	16700255	16627767	16836242	16721421	0.63	cps
Lead	208-1	76980100	76541874	77369660	76963878	0.54	cps
Lithium	6-1	4099284	4091691	4099491	4096822	0.11	cps
Magnesium	24-2	4125168	4158091	4108450	4130570	0.61	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MSD	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:54:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	629789	630674	628442	629635	0.18	cps
Molybdenum	94-1	1930077	1944057	1933299	1935811	0.38	cps
Molybdenum	95-1	3411644	3424831	3415236	3417237	0.20	cps
Molybdenum	96-1	3660177	3663859	3675388	3666475	0.22	cps
Molybdenum	97-1	2128920	2133225	2157777	2139974	0.73	cps
Molybdenum	98-1	5535277	5566284	5591751	5564437	0.51	cps
Neodymium	150-1	267	100	200	189	44.41	cps
Neodymium	150-2	77	53	70	67	18.03	cps
Nickel	60-2	1213794	1213283	1220023	1215700	0.31	cps
Phosphorus	31-2	53798	52025	53865	53229	1.96	cps
Potassium	39-2	3911263	3906572	3880977	3899604	0.42	cps
Rhodium	103-1	19736356	19942383	19904912	19861217	0.55	cps
Rhodium	103-2	10000144	10070019	10044984	10038382	0.35	cps
Scandium	45-1	11309665	11366572	11463693	11379977	0.68	cps
Scandium	45-2	526800	528158	527579	527512	0.13	cps
Selenium	77-2	31050	31284	29985	30773	2.25	cps
Selenium	78-2	103702	103568	103686	103652	0.07	cps
Selenium	82-1	704640	705259	707751	705884	0.23	cps
Silicon	28-1	40231563	40076973	40167499	40158678	0.19	cps
Silver	109-1	1750293	1739615	1760235	1750048	0.59	cps
Silver	107-1	1834957	1820931	1844208	1833365	0.64	cps
Sodium	23-2	23867017	23861714	23637757	23788829	0.55	cps
Strontium	86-1	1708094	1721900	1719035	1716343	0.42	cps
Strontium	88-1	15229612	15347053	15303614	15293426	0.39	cps
Sulfur	34-1	1978782	1966703	1993497	1979661	0.68	cps
Terbium	159-1	33176160	33383927	33633040	33397709	0.68	cps
Terbium	159-2	15449326	15483842	15364580	15432583	0.40	cps
Thallium	203-1	46509504	46568371	47063411	46713762	0.65	cps
Thallium	205-1	112847028	112929544	112991136	112922569	0.06	cps
Thorium	232-1	7458	7297	7780	7512	3.28	cps
Tin	118-1	11351926	11495159	11472950	11440011	0.67	cps
Titanium	47-1	421670	424321	426737	424243	0.60	cps
Uranium	238-1	7344	7111	7619	7358	3.46	cps
Vanadium	51-2	1192122	1193712	1182657	1189497	0.50	cps
Yttrium	89-1	42756426	43026016	42998543	42926995	0.35	cps
Yttrium	89-2	5932258	5950904	5922770	5935310	0.24	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01MSD	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:54:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	717895	712965	711511	714124	0.47	cps
Zirconium	90-1	5835	6043	5876	5918	1.86	cps
Zirconium	91-1	4751	4359	4534	4548	4.32	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01A	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AA	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:58:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321982	321052	319199	320744	0.44	cps
Antimony	121-1	15424241	15398872	15453558	15425557	0.18	cps
Arsenic	75-1	2815624	2814571	2834250	2821481	0.39	cps
Barium	135-1	1052449	1063848	1064548	1060282	0.64	cps
Barium	137-1	1841030	1865687	1853834	1853517	0.67	cps
Beryllium	9-1	493532	494311	491996	493280	0.24	cps
Bismuth	209-1	22669722	22801260	22941780	22804254	0.60	cps
Bismuth	209-2	12157114	11905077	11970796	12010996	1.09	cps
Boron	10-1	146782	151134	152385	150100	1.96	cps
Boron	11-1	708167	728297	743491	726652	2.44	cps
Cadmium	111-1	1077969	1084541	1082997	1081836	0.32	cps
Cadmium	106-1	115132	118796	117964	117297	1.64	cps
Cadmium	108-1	71722	72208	71442	71791	0.54	cps
Calcium	43-1	1255461	1248504	1271531	1258499	0.94	cps
Calcium	44-1	21047324	20914054	21218596	21059991	0.72	cps
Chromium	52-2	2070969	2059085	2058868	2062974	0.34	cps
Cobalt	59-2	1798878	1800519	1794594	1797997	0.17	cps
Copper	63-2	3542538	3525693	3543747	3537326	0.29	cps
Dysprosium	156-1	1335176	1344170	1343443	1340929	0.37	cps
Dysprosium	156-2	283563	281116	283139	282606	0.46	cps
Erbium	164-1	292	350	250	297	16.90	cps
Erbium	164-2	200	137	170	169	18.76	cps
Gadolinium	160-1	642	775	633	683	11.63	cps
Gadolinium	160-2	587	530	423	513	16.16	cps
Holmium	165-1	33431833	33510639	33569315	33503929	0.21	cps
Holmium	165-2	16123594	15843750	15773906	15913750	1.16	cps
Indium	115-1	22340347	22416419	22412675	22389813	0.19	cps
Indium	115-2	4108243	4008432	4004958	4040545	1.45	cps
Iron	56-2	14464249	14387599	14421671	14424506	0.27	cps
Iron	57-2	357294	356356	356585	356745	0.14	cps
Krypton	83-1	470	423	437	443	5.42	cps
Lead	206-1	19190331	19517711	19518347	19408796	0.97	cps
Lead	207-1	16736847	17033490	16887785	16886041	0.88	cps
Lead	208-1	76833844	77815649	77836619	77495371	0.74	cps
Lithium	6-1	4074500	4065376	4066031	4068636	0.13	cps
Magnesium	24-2	4153591	4130083	4152844	4145506	0.32	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01A	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AA	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:58:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	626108	621095	624821	624008	0.42	cps
Molybdenum	94-1	1926131	1936867	1933659	1932219	0.29	cps
Molybdenum	95-1	3401565	3396782	3437860	3412069	0.66	cps
Molybdenum	96-1	3666141	3617467	3680181	3654597	0.90	cps
Molybdenum	97-1	2118971	2130965	2160269	2136735	0.99	cps
Molybdenum	98-1	5504205	5539264	5604060	5549176	0.91	cps
Neodymium	150-1	313	187	213	238	28.09	cps
Neodymium	150-2	47	37	67	50	30.55	cps
Nickel	60-2	1214432	1212161	1218986	1215193	0.29	cps
Phosphorus	31-2	53647	53414	54350	53804	0.91	cps
Potassium	39-2	3905088	3881029	3899430	3895182	0.32	cps
Rhodium	103-1	19667541	19763348	19961442	19797443	0.76	cps
Rhodium	103-2	10136942	9978083	9888861	10001296	1.26	cps
Scandium	45-1	11331487	11337199	11380127	11349604	0.23	cps
Scandium	45-2	531703	520429	523265	525132	1.12	cps
Selenium	77-2	30876	31441	30790	31036	1.14	cps
Selenium	78-2	104103	103307	103031	103480	0.54	cps
Selenium	82-1	706149	706193	717309	709884	0.91	cps
Silicon	28-1	39738665	40123637	40589588	40150630	1.06	cps
Silver	109-1	1728986	1756700	1752465	1746051	0.86	cps
Silver	107-1	1817361	1828398	1834797	1826852	0.48	cps
Sodium	23-2	23885314	23760199	23914221	23853245	0.34	cps
Strontium	86-1	1705294	1715572	1719658	1713508	0.43	cps
Strontium	88-1	15162841	15378551	15390917	15310770	0.84	cps
Sulfur	34-1	1977936	1992761	2003815	1991504	0.65	cps
Terbium	159-1	33417805	33677668	33811020	33635498	0.59	cps
Terbium	159-2	15677150	15296997	15348249	15440799	1.34	cps
Thallium	203-1	47343144	47007948	47641850	47330981	0.67	cps
Thallium	205-1	113513507	113816590	114408161	113912753	0.40	cps
Thorium	232-1	5785	6091	6385	6087	4.93	cps
Tin	118-1	11562630	11571938	11575173	11569914	0.06	cps
Titanium	47-1	425236	421152	426455	424281	0.65	cps
Uranium	238-1	6994	7277	7202	7158	2.05	cps
Vanadium	51-2	1191754	1181646	1180264	1184555	0.53	cps
Yttrium	89-1	42508329	42755421	43007891	42757214	0.58	cps
Yttrium	89-2	6017413	5772386	5794400	5861399	2.31	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-01A	Instrumnet Name :	P7
Client Sample ID :	MAIN-SINK-AA	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 12:58:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	716799	715329	715336	715821	0.12	cps
Zirconium	90-1	5051	5059	5293	5134	2.67	cps
Zirconium	91-1	4409	4443	4659	4504	3.02	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4778-01	Instrumnet Name :	P7
Client Sample ID :	390826178	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:01:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2684	2842	3102	2876	7.34	cps
Antimony	121-1	8336	8953	9362	8884	5.81	cps
Arsenic	75-1	260	907	513	560	58.18	cps
Barium	135-1	136009	135353	132848	134737	1.24	cps
Barium	137-1	236067	238771	235989	236943	0.67	cps
Beryllium	9-1	227	163	200	197	16.17	cps
Bismuth	209-1	22499312	22596452	22561744	22552503	0.22	cps
Bismuth	209-2	11831353	11756430	11858942	11815575	0.45	cps
Boron	10-1	27776	28745	28428	28316	1.74	cps
Boron	11-1	135048	136613	133275	134979	1.24	cps
Cadmium	111-1	17323	17274	17072	17223	0.77	cps
Cadmium	106-1	24539	24531	24205	24425	0.78	cps
Cadmium	108-1	42	92	96	76	39.46	cps
Calcium	43-1	4378841	4435076	4478948	4430955	1.13	cps
Calcium	44-1	73108858	73511666	74137916	73586147	0.70	cps
Chromium	52-2	8456	9148	9003	8869	4.11	cps
Cobalt	59-2	1960	2020	2137	2039	4.41	cps
Copper	63-2	47253	46741	46674	46890	0.68	cps
Dysprosium	156-1	308	317	283	303	5.73	cps
Dysprosium	156-2	190	103	153	149	29.22	cps
Erbium	164-1	375	517	408	433	17.09	cps
Erbium	164-2	240	183	250	224	16.02	cps
Gadolinium	160-1	500	458	500	486	4.95	cps
Gadolinium	160-2	623	610	580	604	3.67	cps
Holmium	165-1	33607832	33744255	33879816	33743968	0.40	cps
Holmium	165-2	16125522	15911520	16180737	16072593	0.88	cps
Indium	115-1	22456266	22746064	22635454	22612595	0.65	cps
Indium	115-2	4140385	4090430	4133046	4121287	0.65	cps
Iron	56-2	698607	680688	689889	689728	1.30	cps
Iron	57-2	44451	44830	44134	44472	0.78	cps
Krypton	83-1	443	460	373	426	10.81	cps
Lead	206-1	17963	18268	18408	18213	1.25	cps
Lead	207-1	15482	15025	15554	15354	1.87	cps
Lead	208-1	70764	69349	70094	70069	1.01	cps
Lithium	6-1	3982367	4060909	4098280	4047185	1.46	cps
Magnesium	24-2	12004064	11990113	12013497	12002558	0.10	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4778-01	Instrumnet Name :	P7
Client Sample ID :	390826178	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:01:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28838	29700	29029	29189	1.55	cps
Molybdenum	94-1	2192	2142	2150	2161	1.24	cps
Molybdenum	95-1	1934	1959	1875	1922	2.22	cps
Molybdenum	96-1	2575	2275	2417	2423	6.20	cps
Molybdenum	97-1	1167	958	967	1031	11.45	cps
Molybdenum	98-1	3226	2875	2967	3023	6.01	cps
Neodymium	150-1	367	293	347	336	11.30	cps
Neodymium	150-2	130	123	90	114	18.73	cps
Nickel	60-2	3334	3330	3651	3438	5.35	cps
Phosphorus	31-2	433	367	433	411	9.36	cps
Potassium	39-2	808839	795768	801910	802172	0.82	cps
Rhodium	103-1	19667836	19721390	19722655	19703960	0.16	cps
Rhodium	103-2	10019585	10002121	10067816	10029841	0.34	cps
Scandium	45-1	11481207	11510670	11631218	11541032	0.69	cps
Scandium	45-2	541656	537355	540001	539671	0.40	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	56	69	57	60	11.59	cps
Selenium	82-1	165	96	250	170	45.45	cps
Silicon	28-1	6675563	6887148	6793620	6785444	1.56	cps
Silver	109-1	342	450	400	397	13.65	cps
Silver	107-1	642	708	808	719	11.66	cps
Sodium	23-2	60706462	60217914	60203583	60375986	0.47	cps
Strontium	86-1	4293076	4295777	4293965	4294273	0.03	cps
Strontium	88-1	38021509	38532331	38268552	38274131	0.67	cps
Sulfur	34-1	1428339	1449531	1468665	1448845	1.39	cps
Terbium	159-1	33473390	33883488	33843172	33733350	0.67	cps
Terbium	159-2	15636883	15406585	15494915	15512794	0.75	cps
Thallium	203-1	10847	9971	9495	10104	6.78	cps
Thallium	205-1	24816	22779	22244	23280	5.83	cps
Thorium	232-1	4695	4184	4251	4377	6.35	cps
Tin	118-1	10421	10254	16405	12360	28.35	cps
Titanium	47-1	892	850	883	875	2.52	cps
Uranium	238-1	9204	8445	9028	8892	4.47	cps
Vanadium	51-2	190	183	183	186	2.08	cps
Yttrium	89-1	42894186	43459913	43084919	43146339	0.67	cps
Yttrium	89-2	6048821	6019221	6104438	6057493	0.71	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4778-01	Instrumnet Name :	P7
Client Sample ID :	390826178	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:01:52	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	40169	40790	41061	40673	1.13	cps
Zirconium	90-1	2784	2925	3150	2953	6.26	cps
Zirconium	91-1	600	667	550	606	9.67	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:05:27	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8704037	8687193	8675173	8688801	0.17	cps
Antimony	121-1	8969220	9015611	8990724	8991852	0.26	cps
Arsenic	75-1	1774716	1775232	1784302	1778083	0.30	cps
Barium	135-1	10781049	10751214	10811247	10781170	0.28	cps
Barium	137-1	18871527	18712441	18808141	18797369	0.43	cps
Beryllium	9-1	1197403	1184063	1187415	1189627	0.58	cps
Bismuth	209-1	20594916	20560072	20633365	20596118	0.18	cps
Bismuth	209-2	10632811	10647627	10600973	10627137	0.22	cps
Boron	10-1	208662	209862	209996	209507	0.35	cps
Boron	11-1	1004444	1014724	1046651	1021940	2.15	cps
Cadmium	111-1	2708528	2728473	2715831	2717611	0.37	cps
Cadmium	106-1	331942	330826	323707	328825	1.36	cps
Cadmium	108-1	213993	210420	210606	211673	0.95	cps
Calcium	43-1	10919477	10936546	10866749	10907591	0.33	cps
Calcium	44-1	178596537	179730854	179281621	179203004	0.32	cps
Chromium	52-2	2596519	2605248	2574171	2591979	0.62	cps
Cobalt	59-2	4277597	4300935	4273284	4283939	0.35	cps
Copper	63-2	7078662	7057483	7007318	7047821	0.52	cps
Dysprosium	156-1	275	267	242	261	6.64	cps
Dysprosium	156-2	177	200	250	209	17.94	cps
Erbium	164-1	258	250	167	225	22.53	cps
Erbium	164-2	73	103	120	99	23.91	cps
Gadolinium	160-1	275	267	350	297	15.44	cps
Gadolinium	160-2	423	470	443	446	5.25	cps
Holmium	165-1	32559634	32579744	32318921	32486100	0.45	cps
Holmium	165-2	15392393	15303818	15310296	15335503	0.32	cps
Indium	115-1	21007286	21104898	21030131	21047438	0.24	cps
Indium	115-2	3816103	3793705	3805625	3805144	0.29	cps
Iron	56-2	571067391	566501524	565799057	567789324	0.50	cps
Iron	57-2	13993350	13997404	14017058	14002604	0.09	cps
Krypton	83-1	457	483	473	471	2.86	cps
Lead	206-1	9019140	9045497	8971078	9011905	0.42	cps
Lead	207-1	7891206	7937170	7889571	7905982	0.34	cps
Lead	208-1	36078250	36312090	36189251	36193197	0.32	cps
Lithium	6-1	3791753	3787725	3799374	3792951	0.16	cps
Magnesium	24-2	94483319	94333008	94478023	94431450	0.09	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:05:27	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3049914	3046293	3024761	3040323	0.45	cps
Molybdenum	94-1	17802119	17966109	18042486	17936905	0.68	cps
Molybdenum	95-1	22362316	22355823	22347562	22355234	0.03	cps
Molybdenum	96-1	25109425	24955817	25038514	25034585	0.31	cps
Molybdenum	97-1	14131637	14061486	14100208	14097777	0.25	cps
Molybdenum	98-1	36589948	36511757	36516365	36539357	0.12	cps
Neodymium	150-1	980	947	940	956	2.24	cps
Neodymium	150-2	113	97	147	119	21.41	cps
Nickel	60-2	1122835	1126022	1113738	1120865	0.57	cps
Phosphorus	31-2	77351	78724	77418	77831	0.99	cps
Potassium	39-2	40567879	40192342	40174698	40311639	0.55	cps
Rhodium	103-1	17881219	18143073	17996224	18006839	0.73	cps
Rhodium	103-2	9055368	9031261	9076953	9054527	0.25	cps
Scandium	45-1	11082805	11098324	11134322	11105150	0.24	cps
Scandium	45-2	529253	523740	523109	525367	0.64	cps
Selenium	77-2	7452	7202	7289	7314	1.74	cps
Selenium	78-2	24228	24755	24448	24477	1.08	cps
Selenium	82-1	161309	164448	163816	163191	1.02	cps
Silicon	28-1	5521974	5706027	5840519	5689506	2.81	cps
Silver	109-1	10922164	10889813	10996935	10936304	0.50	cps
Silver	107-1	11365115	11487488	11323912	11392172	0.75	cps
Sodium	23-2	177843516	178575304	176679000	177699273	0.54	cps
Strontium	86-1	2596610	2605661	2595565	2599279	0.21	cps
Strontium	88-1	23073139	23252419	23236711	23187423	0.43	cps
Sulfur	34-1	1393688	1387505	1389929	1390374	0.22	cps
Terbium	159-1	32562768	32505453	32361729	32476650	0.32	cps
Terbium	159-2	14874671	14939795	14858214	14890893	0.29	cps
Thallium	203-1	11013251	11006202	10975498	10998317	0.18	cps
Thallium	205-1	26641984	26706478	26539477	26629313	0.32	cps
Thorium	232-1	40926416	41113540	41106870	41048942	0.26	cps
Tin	118-1	7709645	7752668	7724850	7729054	0.28	cps
Titanium	47-1	5129070	5119015	5145639	5131241	0.26	cps
Uranium	238-1	40077427	39953511	39688593	39906510	0.50	cps
Vanadium	51-2	1993476	1977677	1967785	1979646	0.65	cps
Yttrium	89-1	41615554	41581860	41549749	41582388	0.08	cps
Yttrium	89-2	5703991	5693393	5687416	5694933	0.15	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P7
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:05:27	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1001049	999668	999148	999955	0.10	cps
Zirconium	90-1	14062909	14079618	14204426	14115651	0.55	cps
Zirconium	91-1	3106926	3086651	3097798	3097125	0.33	cps

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 13:09:09 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	242	92	175	43.64	cps
Antimony	121-1	7869	8470	8787	8375	5.56	cps
Arsenic	75-1	-440	-290	-452	-394	-22.91	cps
Barium	135-1	208	233	233	225	6.42	cps
Barium	137-1	392	217	342	317	28.46	cps
Beryllium	9-1	280	323	247	283	13.57	cps
Bismuth	209-1	23562566	23561473	23497686	23540575	0.16	cps
Bismuth	209-2	12388863	12261996	12246874	12299244	0.63	cps
Boron	10-1	11830	11672	10554	11352	6.13	cps
Boron	11-1	57922	55144	51087	54718	6.28	cps
Cadmium	111-1	16768	16762	16198	16576	1.97	cps
Cadmium	106-1	23821	23637	22961	23473	1.93	cps
Cadmium	108-1	88	67	58	71	21.21	cps
Calcium	43-1	250	325	283	286	13.13	cps
Calcium	44-1	23437	24255	23837	23843	1.72	cps
Chromium	52-2	1080	997	1030	1036	4.05	cps
Cobalt	59-2	130	127	147	134	7.97	cps
Copper	63-2	1857	1707	1840	1801	4.56	cps
Dysprosium	156-1	33	67	8	36	81.06	cps
Dysprosium	156-2	43	30	23	32	31.61	cps
Erbium	164-1	183	167	150	167	10.00	cps
Erbium	164-2	160	127	80	122	32.88	cps
Gadolinium	160-1	208	217	200	208	4.00	cps
Gadolinium	160-2	463	410	387	420	9.36	cps
Holmium	165-1	33553355	33624913	33242666	33473645	0.61	cps
Holmium	165-2	16007008	15933479	15839486	15926658	0.53	cps
Indium	115-1	23114929	22996565	23056085	23055860	0.26	cps
Indium	115-2	4141729	4119770	4085187	4115562	0.69	cps
Iron	56-2	15948	15041	16081	15690	3.61	cps
Iron	57-2	411	400	461	424	7.68	cps
Krypton	83-1	433	407	420	420	3.17	cps
Lead	206-1	2906	2650	2850	2802	4.80	cps
Lead	207-1	2556	2523	2584	2554	1.20	cps
Lead	208-1	10580	10213	10002	10265	2.85	cps
Lithium	6-1	4026819	4045501	4082001	4051440	0.69	cps
Magnesium	24-2	1725	2159	1809	1897	12.12	cps

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P7
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 13:09:09 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	123	133	124	6.74	cps
Molybdenum	94-1	5468	4859	4543	4957	9.49	cps
Molybdenum	95-1	7519	6960	6302	6927	8.80	cps
Molybdenum	96-1	8836	7436	7160	7811	11.51	cps
Molybdenum	97-1	4534	4209	3834	4192	8.36	cps
Molybdenum	98-1	12423	10721	9645	10930	12.81	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	20	17	17	18	10.81	cps
Nickel	60-2	180	233	183	199	15.02	cps
Phosphorus	31-2	342	192	283	272	27.78	cps
Potassium	39-2	40222	39713	39144	39693	1.36	cps
Rhodium	103-1	20329023	20522931	20436184	20429379	0.48	cps
Rhodium	103-2	10410540	10300830	10280365	10330578	0.68	cps
Scandium	45-1	11356298	11385272	11374948	11372173	0.13	cps
Scandium	45-2	532058	524060	522233	526117	0.99	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	48	48	31	43	22.60	cps
Selenium	82-1	47	93	43	61	45.87	cps
Silicon	28-1	185194	180077	177979	181084	2.05	cps
Silver	109-1	617	642	758	672	11.25	cps
Silver	107-1	892	1058	908	953	9.63	cps
Sodium	23-2	79904	77685	76587	78059	2.16	cps
Strontium	86-1	667	808	792	756	10.25	cps
Strontium	88-1	650	550	500	567	13.48	cps
Sulfur	34-1	631307	635879	632129	633105	0.39	cps
Terbium	159-1	33851286	33689034	34043007	33861109	0.52	cps
Terbium	159-2	15698774	15304309	15347833	15450306	1.40	cps
Thallium	203-1	6343	5310	5626	5760	9.20	cps
Thallium	205-1	13908	13741	13149	13599	2.93	cps
Thorium	232-1	10694	10254	10766	10571	2.62	cps
Tin	118-1	4809	5393	5060	5087	5.75	cps
Titanium	47-1	417	383	317	372	13.68	cps
Uranium	238-1	4926	5126	5160	5071	2.49	cps
Vanadium	51-2	37	37	60	44	30.31	cps
Yttrium	89-1	43261776	43188298	43473451	43307842	0.34	cps
Yttrium	89-2	6077422	5934629	5950274	5987442	1.31	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P7
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:09:09	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	593	683	653	643	7.12	cps
Zirconium	90-1	2875	2917	3284	3025	7.43	cps
Zirconium	91-1	433	650	600	561	20.22	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-03	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-6-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:12:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3884	4267	4026	4059	4.78	cps
Antimony	121-1	4218	4809	5360	4795	11.91	cps
Arsenic	75-1	30	250	9	96	138.59	cps
Barium	135-1	162194	161477	163644	162438	0.68	cps
Barium	137-1	285312	285090	285291	285231	0.04	cps
Beryllium	9-1	137	193	200	177	19.70	cps
Bismuth	209-1	23098016	21697406	22518311	22437911	3.14	cps
Bismuth	209-2	12168386	11943741	11886598	11999575	1.24	cps
Boron	10-1	21424	21675	22601	21900	2.83	cps
Boron	11-1	106633	107171	107531	107112	0.42	cps
Cadmium	111-1	17009	16101	16306	16472	2.89	cps
Cadmium	106-1	23996	22794	23011	23267	2.75	cps
Cadmium	108-1	67	54	63	61	10.41	cps
Calcium	43-1	1201798	1206504	1206864	1205055	0.23	cps
Calcium	44-1	20296387	20175241	20206764	20226131	0.31	cps
Chromium	52-2	2584	2870	2924	2793	6.55	cps
Cobalt	59-2	600	573	617	597	3.66	cps
Copper	63-2	2532049	2513098	2543649	2529599	0.61	cps
Dysprosium	156-1	108	117	117	114	4.22	cps
Dysprosium	156-2	80	40	80	67	34.64	cps
Erbium	164-1	150	250	233	211	25.38	cps
Erbium	164-2	123	113	123	120	4.81	cps
Gadolinium	160-1	375	283	258	306	20.10	cps
Gadolinium	160-2	453	470	477	467	2.58	cps
Holmium	165-1	33725050	31197592	33182744	32701796	4.07	cps
Holmium	165-2	16100576	15987969	15835229	15974591	0.83	cps
Indium	115-1	23020944	21561456	22628143	22403514	3.37	cps
Indium	115-2	4186039	4108024	4106497	4133520	1.10	cps
Iron	56-2	103502	103831	106959	104764	1.82	cps
Iron	57-2	10215	10599	10109	10308	2.50	cps
Krypton	83-1	490	447	447	461	5.43	cps
Lead	206-1	8414	8003	7869	8095	3.51	cps
Lead	207-1	6685	6552	6691	6643	1.18	cps
Lead	208-1	30859	29958	30147	30321	1.57	cps
Lithium	6-1	4063119	3777942	3955171	3932077	3.66	cps
Magnesium	24-2	3423315	3451083	3446981	3440460	0.44	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-03	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-6-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:12:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16022	16062	16116	16067	0.29	cps
Molybdenum	94-1	5410	5276	5268	5318	1.50	cps
Molybdenum	95-1	7119	7369	7494	7327	2.61	cps
Molybdenum	96-1	8019	8578	8203	8267	3.44	cps
Molybdenum	97-1	4734	4001	4351	4362	8.41	cps
Molybdenum	98-1	11313	11497	11472	11427	0.87	cps
Neodymium	150-1	20	80	47	49	61.49	cps
Neodymium	150-2	23	23	13	20	28.87	cps
Nickel	60-2	8016	7949	7896	7953	0.76	cps
Phosphorus	31-2	6994	7319	7511	7274	3.59	cps
Potassium	39-2	722359	719201	722193	721251	0.25	cps
Rhodium	103-1	20085380	18720093	19833323	19546265	3.72	cps
Rhodium	103-2	10247607	10078426	10066314	10130782	1.00	cps
Scandium	45-1	11553071	10705330	11285511	11181304	3.88	cps
Scandium	45-2	535934	529993	531835	532587	0.57	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	50	37	48	45	15.56	cps
Selenium	82-1	52	69	119	80	43.29	cps
Silicon	28-1	32548756	32658379	32863299	32690144	0.49	cps
Silver	109-1	425	450	467	447	4.69	cps
Silver	107-1	650	633	725	669	7.29	cps
Sodium	23-2	22639015	22628618	22631589	22633074	0.02	cps
Strontium	86-1	648320	645928	650500	648249	0.35	cps
Strontium	88-1	5663699	5737140	5710569	5703802	0.65	cps
Sulfur	34-1	2086292	2087347	2101687	2091776	0.41	cps
Terbium	159-1	33964384	31589845	33614666	33056298	3.88	cps
Terbium	159-2	15663261	15348299	15361929	15457829	1.15	cps
Thallium	203-1	3951	3576	3451	3659	7.11	cps
Thallium	205-1	8578	8028	8053	8220	3.78	cps
Thorium	232-1	6491	6891	6769	6717	3.05	cps
Tin	118-1	4326	3992	4501	4273	6.05	cps
Titanium	47-1	2875	2925	2584	2795	6.60	cps
Uranium	238-1	5393	5702	5126	5407	5.32	cps
Vanadium	51-2	1817	1817	1883	1839	2.09	cps
Yttrium	89-1	43056033	40554739	42570699	42060490	3.15	cps
Yttrium	89-2	6079651	5961515	5937679	5992948	1.27	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-03	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-6-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:12:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	130968	131472	132319	131586	0.52	cps
Zirconium	90-1	3025	2584	3376	2995	13.25	cps
Zirconium	91-1	658	492	625	592	14.91	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-05	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-7-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:16:20	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2617	2450	2675	2581	4.53	cps
Antimony	121-1	3059	3242	3509	3270	6.92	cps
Arsenic	75-1	394	154	345	298	42.68	cps
Barium	135-1	204118	200180	204296	202865	1.15	cps
Barium	137-1	357618	356777	359407	357934	0.38	cps
Beryllium	9-1	170	207	113	163	28.79	cps
Bismuth	209-1	23145934	23048546	23301269	23165250	0.55	cps
Bismuth	209-2	11682928	10933554	11889695	11502059	4.37	cps
Boron	10-1	19997	20072	20356	20142	0.94	cps
Boron	11-1	97481	100047	102355	99961	2.44	cps
Cadmium	111-1	16742	16915	16947	16868	0.65	cps
Cadmium	106-1	23712	23955	24013	23893	0.67	cps
Cadmium	108-1	104	88	113	101	12.56	cps
Calcium	43-1	1408409	1400882	1417940	1409077	0.61	cps
Calcium	44-1	23635915	23603544	23714785	23651415	0.24	cps
Chromium	52-2	2224	2267	2444	2311	5.04	cps
Cobalt	59-2	647	660	673	660	2.02	cps
Copper	63-2	1249821	1257185	1247684	1251563	0.40	cps
Dysprosium	156-1	150	167	125	147	14.24	cps
Dysprosium	156-2	80	53	73	69	20.15	cps
Erbium	164-1	217	175	233	208	14.42	cps
Erbium	164-2	150	130	107	129	16.83	cps
Gadolinium	160-1	275	333	292	300	10.02	cps
Gadolinium	160-2	500	380	503	461	15.24	cps
Holmium	165-1	34019979	33924477	34019826	33988094	0.16	cps
Holmium	165-2	15471414	14586821	15701269	15253168	3.86	cps
Indium	115-1	22939451	22886274	23329541	23051755	1.05	cps
Indium	115-2	3991062	3708882	4077952	3925965	4.91	cps
Iron	56-2	114084	113978	114033	114032	0.05	cps
Iron	57-2	11533	11716	11794	11681	1.15	cps
Krypton	83-1	407	430	433	423	3.43	cps
Lead	206-1	8942	8431	8286	8553	4.03	cps
Lead	207-1	7063	7219	7374	7219	2.16	cps
Lead	208-1	32566	32294	32422	32427	0.42	cps
Lithium	6-1	4035942	4032347	4080096	4049461	0.66	cps
Magnesium	24-2	3604349	3577404	3563640	3581798	0.58	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-05	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-7-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:16:20	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18539	19103	18719	18787	1.53	cps
Molybdenum	94-1	4868	4868	4734	4823	1.60	cps
Molybdenum	95-1	6318	6869	6894	6694	4.86	cps
Molybdenum	96-1	7219	7727	7669	7538	3.69	cps
Molybdenum	97-1	4059	3717	4209	3995	6.31	cps
Molybdenum	98-1	10413	11096	10754	10755	3.18	cps
Neodymium	150-1	100	40	20	53	78.06	cps
Neodymium	150-2	47	23	33	34	34.00	cps
Nickel	60-2	2454	2577	2497	2509	2.49	cps
Phosphorus	31-2	7069	7561	6643	7091	6.47	cps
Potassium	39-2	732228	731469	730078	731259	0.15	cps
Rhodium	103-1	20293619	20084811	20418375	20265602	0.83	cps
Rhodium	103-2	9842290	9206673	10023312	9690758	4.43	cps
Scandium	45-1	11554522	11537114	11687640	11593092	0.71	cps
Scandium	45-2	518033	475573	528285	507297	5.51	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	56	44	48	49	11.46	cps
Selenium	82-1	107	123	81	104	20.20	cps
Silicon	28-1	35088141	35305640	35623199	35338993	0.76	cps
Silver	109-1	692	708	658	686	3.71	cps
Silver	107-1	1150	933	967	1017	11.48	cps
Sodium	23-2	22092320	22002093	21860117	21984843	0.53	cps
Strontium	86-1	729099	731751	737414	732755	0.58	cps
Strontium	88-1	6526707	6517081	6613942	6552577	0.81	cps
Sulfur	34-1	2038240	2058578	2055831	2050883	0.54	cps
Terbium	159-1	34311741	34128439	34302424	34247535	0.30	cps
Terbium	159-2	15088381	13911224	15347570	14782392	5.18	cps
Thallium	203-1	3134	3176	2867	3059	5.47	cps
Thallium	205-1	6285	6202	6577	6355	3.10	cps
Thorium	232-1	5229	4923	5346	5166	4.22	cps
Tin	118-1	4134	3792	4001	3976	4.33	cps
Titanium	47-1	3159	2734	2809	2900	7.82	cps
Uranium	238-1	14759	14442	14409	14537	1.33	cps
Vanadium	51-2	2347	2464	2380	2397	2.51	cps
Yttrium	89-1	43556583	43414113	43971278	43647324	0.66	cps
Yttrium	89-2	5802431	5339696	5932847	5691658	5.48	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-05	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-7-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:16:20	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	147812	149614	149429	148952	0.67	cps
Zirconium	90-1	2067	2667	2809	2514	15.66	cps
Zirconium	91-1	500	492	458	483	4.56	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-07	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-13-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:19:57	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8052	8002	8628	8228	4.22	cps
Antimony	121-1	2392	2934	3084	2803	12.98	cps
Arsenic	75-1	280	315	524	373	35.33	cps
Barium	135-1	171623	172635	168661	170973	1.21	cps
Barium	137-1	298316	297543	298187	298015	0.14	cps
Beryllium	9-1	147	143	180	157	12.94	cps
Bismuth	209-1	23047313	22561956	22885851	22831707	1.08	cps
Bismuth	209-2	12118996	12128550	12054276	12100608	0.33	cps
Boron	10-1	18045	18996	19004	18682	2.95	cps
Boron	11-1	92852	92743	90613	92069	1.37	cps
Cadmium	111-1	16734	15774	16720	16410	3.35	cps
Cadmium	106-1	23604	22277	23696	23192	3.42	cps
Cadmium	108-1	38	88	83	69	39.95	cps
Calcium	43-1	1262360	1269029	1257979	1263123	0.44	cps
Calcium	44-1	21183060	21192695	21044805	21140186	0.39	cps
Chromium	52-2	2144	2234	2230	2202	2.32	cps
Cobalt	59-2	593	643	633	623	4.24	cps
Copper	63-2	1177747	1171029	1166531	1171769	0.48	cps
Dysprosium	156-1	117	100	108	108	7.69	cps
Dysprosium	156-2	60	73	67	67	10.00	cps
Erbium	164-1	250	225	225	233	6.19	cps
Erbium	164-2	137	150	130	139	7.33	cps
Gadolinium	160-1	308	308	258	292	9.90	cps
Gadolinium	160-2	403	437	487	442	9.48	cps
Holmium	165-1	33798640	33094586	33784871	33559366	1.20	cps
Holmium	165-2	16166783	16114021	15949465	16076756	0.71	cps
Indium	115-1	22891216	22537420	23141808	22856814	1.33	cps
Indium	115-2	4168529	4117599	4105408	4130512	0.81	cps
Iron	56-2	101079	102147	101784	101670	0.53	cps
Iron	57-2	10298	10332	10448	10359	0.76	cps
Krypton	83-1	400	470	450	440	8.20	cps
Lead	206-1	7875	7825	7886	7862	0.41	cps
Lead	207-1	7008	6985	6846	6946	1.26	cps
Lead	208-1	30142	31070	30414	30542	1.56	cps
Lithium	6-1	4010444	3958307	3963628	3977460	0.72	cps
Magnesium	24-2	3462197	3472958	3449871	3461675	0.33	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-07	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-13-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:19:57	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12916	12465	12445	12609	2.11	cps
Molybdenum	94-1	4934	4534	4701	4723	4.26	cps
Molybdenum	95-1	6694	6985	6802	6827	2.16	cps
Molybdenum	96-1	7852	7836	7619	7769	1.68	cps
Molybdenum	97-1	4309	4342	4292	4315	0.59	cps
Molybdenum	98-1	10921	11455	11213	11197	2.39	cps
Neodymium	150-1	53	40	80	58	35.25	cps
Neodymium	150-2	20	17	37	24	43.83	cps
Nickel	60-2	128874	127804	128097	128258	0.43	cps
Phosphorus	31-2	7544	6902	7277	7241	4.45	cps
Potassium	39-2	696282	691172	683160	690205	0.96	cps
Rhodium	103-1	20075657	19627265	20093380	19932100	1.33	cps
Rhodium	103-2	10290584	10149035	10118399	10186006	0.90	cps
Scandium	45-1	11506592	11309072	11508263	11441309	1.00	cps
Scandium	45-2	529900	531578	528300	529926	0.31	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	46	48	52	49	5.79	cps
Selenium	82-1	188	111	114	138	31.37	cps
Silicon	28-1	33190490	33560215	33306181	33352296	0.57	cps
Silver	109-1	342	417	433	397	12.29	cps
Silver	107-1	583	750	558	631	16.53	cps
Sodium	23-2	22088917	22034357	21951612	22024962	0.31	cps
Strontium	86-1	675607	668061	665652	669774	0.78	cps
Strontium	88-1	5975610	5984140	5890648	5950132	0.87	cps
Sulfur	34-1	2077097	2093802	2094006	2088302	0.46	cps
Terbium	159-1	33998157	33380777	33858985	33745973	0.96	cps
Terbium	159-2	15709546	15507499	15473841	15563629	0.82	cps
Thallium	203-1	2625	2409	2567	2534	4.43	cps
Thallium	205-1	5468	5135	4901	5168	5.51	cps
Thorium	232-1	4001	4412	4368	4260	5.30	cps
Tin	118-1	4067	3451	3934	3817	8.50	cps
Titanium	47-1	2742	2617	2759	2706	2.86	cps
Uranium	238-1	6560	6260	6018	6280	4.32	cps
Vanadium	51-2	2107	2064	2000	2057	2.61	cps
Yttrium	89-1	43532263	42707198	43289461	43176307	0.98	cps
Yttrium	89-2	6004545	5976721	5956479	5979248	0.40	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-07	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-13-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:19:57	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	442250	439569	436785	439535	0.62	cps
Zirconium	90-1	2442	2317	2492	2417	3.73	cps
Zirconium	91-1	392	417	483	431	11.01	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-09	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-14-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:23:33	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5726	5810	5785	5774	0.74	cps
Antimony	121-1	2234	2350	2150	2245	4.48	cps
Arsenic	75-1	154	644	136	311	92.51	cps
Barium	135-1	247281	246914	250564	248253	0.81	cps
Barium	137-1	436198	431601	439330	435710	0.89	cps
Beryllium	9-1	130	147	153	143	8.39	cps
Bismuth	209-1	22758005	22755236	23150940	22888060	0.99	cps
Bismuth	209-2	12081287	12028513	11966906	12025568	0.48	cps
Boron	10-1	19121	19705	19572	19466	1.57	cps
Boron	11-1	96424	97815	99619	97953	1.64	cps
Cadmium	111-1	16476	16420	15909	16268	1.92	cps
Cadmium	106-1	23303	23262	22510	23025	1.94	cps
Cadmium	108-1	75	67	75	72	6.66	cps
Calcium	43-1	1705454	1728335	1720623	1718137	0.68	cps
Calcium	44-1	28439654	28881990	28924367	28748670	0.93	cps
Chromium	52-2	2334	2407	2364	2368	1.56	cps
Cobalt	59-2	667	700	583	650	9.24	cps
Copper	63-2	545250	548500	546144	546631	0.31	cps
Dysprosium	156-1	100	150	92	114	27.70	cps
Dysprosium	156-2	93	57	83	78	24.37	cps
Erbium	164-1	200	217	217	211	4.56	cps
Erbium	164-2	120	160	140	140	14.29	cps
Gadolinium	160-1	350	300	325	325	7.69	cps
Gadolinium	160-2	480	500	487	489	2.08	cps
Holmium	165-1	33463359	33330524	33955692	33583192	0.98	cps
Holmium	165-2	16077832	16048040	15999094	16041655	0.25	cps
Indium	115-1	22420861	22665646	22865892	22650800	0.98	cps
Indium	115-2	4103764	4097525	4058651	4086647	0.60	cps
Iron	56-2	109198	111415	107815	109476	1.66	cps
Iron	57-2	13423	13757	13507	13562	1.28	cps
Krypton	83-1	377	460	503	447	14.41	cps
Lead	206-1	7486	7274	7224	7328	1.89	cps
Lead	207-1	6391	6146	6090	6209	2.57	cps
Lead	208-1	29052	27845	28051	28316	2.28	cps
Lithium	6-1	3954943	4007239	3989959	3984047	0.67	cps
Magnesium	24-2	3780733	3765200	3754203	3766712	0.35	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-09	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-14-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:23:33	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15025	15739	15785	15516	2.75	cps
Molybdenum	94-1	4384	4267	4259	4304	1.62	cps
Molybdenum	95-1	5852	5335	6185	5790	7.40	cps
Molybdenum	96-1	6435	6794	6902	6710	3.64	cps
Molybdenum	97-1	3859	3901	3701	3820	2.76	cps
Molybdenum	98-1	9437	9370	9454	9420	0.47	cps
Neodymium	150-1	40	93	40	58	53.30	cps
Neodymium	150-2	17	40	43	33	43.58	cps
Nickel	60-2	3834	3661	3694	3729	2.47	cps
Phosphorus	31-2	6051	6568	6018	6213	4.97	cps
Potassium	39-2	651542	651457	649673	650891	0.16	cps
Rhodium	103-1	19929037	20013042	20106770	20016283	0.44	cps
Rhodium	103-2	10142330	10094688	10075382	10104134	0.34	cps
Scandium	45-1	11258703	11405568	11417734	11360668	0.78	cps
Scandium	45-2	527151	524388	523094	524878	0.39	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	50	57	46	51	11.04	cps
Selenium	82-1	157	96	99	117	29.28	cps
Silicon	28-1	38379633	38971899	38991327	38780953	0.90	cps
Silver	109-1	442	400	333	392	13.95	cps
Silver	107-1	550	742	758	683	16.94	cps
Sodium	23-2	22222155	22133207	21988247	22114536	0.53	cps
Strontium	86-1	845775	864619	869074	859823	1.44	cps
Strontium	88-1	7603938	7618364	7680931	7634411	0.54	cps
Sulfur	34-1	2020108	2040885	2019271	2026755	0.60	cps
Terbium	159-1	33814821	33979809	33840872	33878501	0.26	cps
Terbium	159-2	15525502	15398077	15323584	15415721	0.66	cps
Thallium	203-1	2050	2175	1950	2059	5.48	cps
Thallium	205-1	4468	4534	4401	4468	1.49	cps
Thorium	232-1	3962	3923	4156	4014	3.12	cps
Tin	118-1	3651	3351	3817	3606	6.56	cps
Titanium	47-1	2667	2475	2575	2573	3.73	cps
Uranium	238-1	26587	27864	27480	27310	2.40	cps
Vanadium	51-2	3024	3104	3074	3067	1.32	cps
Yttrium	89-1	42703529	42752056	42861748	42772444	0.19	cps
Yttrium	89-2	5958751	5933832	5891802	5928128	0.57	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-09	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-14-A	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:23:33	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	238475	237323	237665	237821	0.25	cps
Zirconium	90-1	2634	2659	2859	2717	4.54	cps
Zirconium	91-1	483	450	500	478	5.33	cps

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : K4701-11 Instrumnet Name : P7
 Client Sample ID : BATHROOM-BASEMENT Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 13:27:09 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4067	3984	3992	4015	1.14	cps
Antimony	121-1	1842	2109	2425	2125	13.74	cps
Arsenic	75-1	104	359	406	289	56.21	cps
Barium	135-1	254516	258111	254558	255728	0.81	cps
Barium	137-1	447572	449422	450770	449255	0.36	cps
Beryllium	9-1	160	97	127	128	24.79	cps
Bismuth	209-1	22589129	22614023	23015745	22739632	1.05	cps
Bismuth	209-2	12067780	11998940	11954802	12007174	0.47	cps
Boron	10-1	20890	21516	21566	21324	1.77	cps
Boron	11-1	104678	106055	104971	105235	0.69	cps
Cadmium	111-1	16187	16628	15668	16161	2.97	cps
Cadmium	106-1	22736	23412	21934	22694	3.26	cps
Cadmium	108-1	88	146	75	103	36.79	cps
Calcium	43-1	1997932	1996731	2018982	2004548	0.62	cps
Calcium	44-1	33491283	33397651	33501309	33463414	0.17	cps
Chromium	52-2	2330	2300	2244	2291	1.92	cps
Cobalt	59-2	647	573	610	610	6.01	cps
Copper	63-2	984388	986376	988119	986294	0.19	cps
Dysprosium	156-1	100	83	75	86	14.79	cps
Dysprosium	156-2	123	60	67	83	41.76	cps
Erbium	164-1	258	200	233	231	12.69	cps
Erbium	164-2	147	123	113	128	13.38	cps
Gadolinium	160-1	275	317	300	297	7.06	cps
Gadolinium	160-2	397	397	420	404	3.33	cps
Holmium	165-1	33547635	33547731	33957528	33684298	0.70	cps
Holmium	165-2	15992044	15978052	15918514	15962870	0.24	cps
Indium	115-1	22449109	22457884	22902827	22603273	1.15	cps
Indium	115-2	4042916	4058317	4065665	4055633	0.29	cps
Iron	56-2	69380	68527	69224	69044	0.66	cps
Iron	57-2	13746	13840	14813	14133	4.18	cps
Krypton	83-1	393	423	497	438	12.14	cps
Lead	206-1	12907	12267	12417	12530	2.67	cps
Lead	207-1	10210	10593	10443	10415	1.86	cps
Lead	208-1	48013	47261	46933	47402	1.17	cps
Lithium	6-1	3932509	3951032	3985202	3956248	0.68	cps
Magnesium	24-2	3975134	3986774	4002541	3988150	0.34	cps

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : K4701-11 Instrumnet Name : P7
 Client Sample ID : BATHROOM-BASEMENT Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 13:27:09 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11662	11194	11435	11430	2.04	cps
Molybdenum	94-1	4076	3934	4001	4004	1.77	cps
Molybdenum	95-1	5643	5460	5485	5529	1.80	cps
Molybdenum	96-1	6560	6335	6202	6366	2.85	cps
Molybdenum	97-1	3701	3276	3701	3559	6.90	cps
Molybdenum	98-1	8703	8561	9153	8806	3.51	cps
Neodymium	150-1	60	60	67	62	6.19	cps
Neodymium	150-2	20	37	27	28	30.20	cps
Nickel	60-2	6365	6535	6578	6493	1.74	cps
Phosphorus	31-2	6243	5360	6035	5879	7.86	cps
Potassium	39-2	621024	624827	627544	624465	0.52	cps
Rhodium	103-1	19669955	19839494	19986643	19832030	0.80	cps
Rhodium	103-2	9989619	9900460	10002425	9964168	0.56	cps
Scandium	45-1	11200533	11353071	11305427	11286344	0.69	cps
Scandium	45-2	519033	519188	523765	520662	0.52	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	46	33	57	46	26.38	cps
Selenium	82-1	220	163	114	166	31.92	cps
Silicon	28-1	42843733	43070275	43055716	42989908	0.29	cps
Silver	109-1	625	567	525	572	8.78	cps
Silver	107-1	867	775	983	875	11.93	cps
Sodium	23-2	22304064	22195954	22376801	22292273	0.41	cps
Strontium	86-1	990087	989171	987271	988843	0.15	cps
Strontium	88-1	8825449	8731502	8837143	8798032	0.66	cps
Sulfur	34-1	1989718	1983957	1984378	1986018	0.16	cps
Terbium	159-1	33217805	33719665	34064089	33667186	1.26	cps
Terbium	159-2	15419978	15361054	15386714	15389249	0.19	cps
Thallium	203-1	1825	2084	1984	1964	6.63	cps
Thallium	205-1	3776	3617	3767	3720	2.40	cps
Thorium	232-1	3834	3834	4340	4003	7.30	cps
Tin	118-1	3301	3217	3184	3234	1.86	cps
Titanium	47-1	2300	2600	2409	2436	6.24	cps
Uranium	238-1	39093	37915	39595	38868	2.22	cps
Vanadium	51-2	3480	3454	3364	3433	1.78	cps
Yttrium	89-1	42601539	42831819	43196643	42876667	0.70	cps
Yttrium	89-2	5906121	5764659	5836258	5835680	1.21	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-11	Instrumnet Name :	P7
Client Sample ID :	BATHROOM-BASEMEN	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:27:09	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	195108	196554	196597	196086	0.43	cps
Zirconium	90-1	2409	2492	2584	2495	3.51	cps
Zirconium	91-1	450	450	542	481	11.01	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-13	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:30:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	692	567	636	10.01	cps
Antimony	121-1	483	442	600	508	16.15	cps
Arsenic	75-1	-530	-200	-450	-393	-43.87	cps
Barium	135-1	492	467	492	483	2.99	cps
Barium	137-1	867	733	908	836	10.93	cps
Beryllium	9-1	103	157	130	130	20.51	cps
Bismuth	209-1	22905761	23165098	22787196	22952685	0.84	cps
Bismuth	209-2	12047369	12118073	12120902	12095448	0.34	cps
Boron	10-1	3734	3401	3159	3431	8.42	cps
Boron	11-1	16693	16343	15517	16184	3.73	cps
Cadmium	111-1	15535	15566	14840	15313	2.68	cps
Cadmium	106-1	22051	22177	21075	21768	2.77	cps
Cadmium	108-1	38	58	54	50	22.05	cps
Calcium	43-1	1042	1033	1225	1100	9.85	cps
Calcium	44-1	37006	36656	37366	37009	0.96	cps
Chromium	52-2	2010	1967	1773	1917	6.57	cps
Cobalt	59-2	133	140	100	124	17.22	cps
Copper	63-2	1800	1803	1837	1813	1.12	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	50	23	43	39	35.69	cps
Erbium	164-1	208	192	192	197	4.88	cps
Erbium	164-2	110	70	120	100	26.46	cps
Gadolinium	160-1	217	233	250	233	7.14	cps
Gadolinium	160-2	440	440	457	446	2.16	cps
Holmium	165-1	32616043	33406826	32792762	32938544	1.26	cps
Holmium	165-2	15658604	15752084	15723241	15711310	0.30	cps
Indium	115-1	22215353	22491908	22392562	22366608	0.63	cps
Indium	115-2	4032499	4026553	4037373	4032142	0.13	cps
Iron	56-2	27348	27632	27560	27513	0.54	cps
Iron	57-2	672	744	717	711	5.12	cps
Krypton	83-1	417	383	500	433	13.87	cps
Lead	206-1	5134	4901	5257	5097	3.55	cps
Lead	207-1	4506	4418	4301	4408	2.34	cps
Lead	208-1	19979	19400	19539	19639	1.54	cps
Lithium	6-1	3899077	3949651	3916524	3921751	0.66	cps
Magnesium	24-2	1275	1333	1342	1317	2.76	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-13	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:30:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	510	550	527	529	3.80	cps
Molybdenum	94-1	1008	908	842	920	9.12	cps
Molybdenum	95-1	275	225	275	258	11.18	cps
Molybdenum	96-1	642	633	600	625	3.53	cps
Molybdenum	97-1	225	283	300	269	14.62	cps
Molybdenum	98-1	425	492	517	478	9.92	cps
Neodymium	150-1	47	40	7	31	68.88	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	413	437	473	441	6.86	cps
Phosphorus	31-2	308	292	258	286	8.90	cps
Potassium	39-2	30349	30649	32311	31103	3.40	cps
Rhodium	103-1	19647216	19746185	19617783	19670395	0.34	cps
Rhodium	103-2	10064471	10120335	10059263	10081356	0.34	cps
Scandium	45-1	10866011	10982288	11008823	10952374	0.69	cps
Scandium	45-2	506627	510490	510226	509114	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	26	69	46	46.12	cps
Selenium	82-1	30	-11	-95	-25	-254.56	cps
Silicon	28-1	190153	193207	193814	192391	1.02	cps
Silver	109-1	217	275	233	242	12.43	cps
Silver	107-1	392	450	567	469	18.98	cps
Sodium	23-2	61243	63117	62062	62141	1.51	cps
Strontium	86-1	908	1017	867	931	8.32	cps
Strontium	88-1	2450	2500	2617	2523	3.39	cps
Sulfur	34-1	621062	616822	610332	616072	0.88	cps
Terbium	159-1	32985877	33264426	33267319	33172541	0.49	cps
Terbium	159-2	15126484	15231044	15205781	15187770	0.36	cps
Thallium	203-1	2000	1967	1734	1900	7.65	cps
Thallium	205-1	3709	3651	3659	3673	0.86	cps
Thorium	232-1	3712	4318	3867	3966	7.93	cps
Tin	118-1	2575	2817	2667	2686	4.54	cps
Titanium	47-1	308	383	342	344	10.91	cps
Uranium	238-1	4109	4284	4251	4215	2.21	cps
Vanadium	51-2	27	33	47	36	28.64	cps
Yttrium	89-1	41817249	41921409	41969976	41902878	0.19	cps
Yttrium	89-2	5678908	5792919	5683130	5718319	1.13	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	K4701-13	Instrumnet Name :	P7
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:30:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7949	7692	7992	7878	2.06	cps
Zirconium	90-1	2159	1884	2067	2036	6.88	cps
Zirconium	91-1	400	367	292	353	15.73	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:34:23	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8602474	8559114	8546683	8569424	0.34	cps
Antimony	121-1	8828950	8823603	8752317	8801623	0.49	cps
Arsenic	75-1	1716136	1719850	1708576	1714854	0.34	cps
Barium	135-1	10653779	10631799	10581356	10622311	0.35	cps
Barium	137-1	18728382	18534270	18543262	18601971	0.59	cps
Beryllium	9-1	1149095	1140146	1133889	1141043	0.67	cps
Bismuth	209-1	20362644	20351958	20164169	20292924	0.55	cps
Bismuth	209-2	10594757	10523610	10476756	10531707	0.56	cps
Boron	10-1	203706	205029	209593	206110	1.50	cps
Boron	11-1	977281	996181	992111	988524	1.01	cps
Cadmium	111-1	2635307	2628383	2585755	2616482	1.03	cps
Cadmium	106-1	312279	314080	311526	312628	0.42	cps
Cadmium	108-1	205483	204189	201305	203659	1.05	cps
Calcium	43-1	10662590	10671128	10567039	10633586	0.54	cps
Calcium	44-1	175835546	174266475	174750329	174950783	0.46	cps
Chromium	52-2	2532788	2547179	2526873	2535613	0.41	cps
Cobalt	59-2	4195477	4194802	4203136	4197805	0.11	cps
Copper	63-2	6779621	6775959	6769167	6774916	0.08	cps
Dysprosium	156-1	258	250	242	250	3.33	cps
Dysprosium	156-2	190	190	210	197	5.87	cps
Erbium	164-1	108	150	167	142	21.21	cps
Erbium	164-2	150	147	103	133	19.52	cps
Gadolinium	160-1	308	350	275	311	12.08	cps
Gadolinium	160-2	443	440	410	431	4.26	cps
Holmium	165-1	32486612	32453172	32260728	32400171	0.38	cps
Holmium	165-2	15501146	15402535	15215195	15372959	0.94	cps
Indium	115-1	20958735	20666248	20680867	20768617	0.79	cps
Indium	115-2	3788936	3813060	3769616	3790537	0.57	cps
Iron	56-2	559471813	561725846	562101646	561099768	0.25	cps
Iron	57-2	13795367	13703047	13711876	13736763	0.37	cps
Krypton	83-1	413	473	433	440	6.94	cps
Lead	206-1	8999421	8861038	8883253	8914571	0.83	cps
Lead	207-1	7819055	7690526	7719983	7743188	0.87	cps
Lead	208-1	35804264	35162747	35475875	35480962	0.90	cps
Lithium	6-1	3744338	3725939	3555215	3675164	2.84	cps
Magnesium	24-2	93092956	92933515	92904687	92977053	0.11	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:34:23	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2994833	2990492	2978781	2988035	0.28	cps
Molybdenum	94-1	17604620	17628564	17413194	17548793	0.67	cps
Molybdenum	95-1	22106366	21996756	21790272	21964465	0.73	cps
Molybdenum	96-1	24608361	24601793	24411636	24540597	0.46	cps
Molybdenum	97-1	13963510	13800960	13782765	13849079	0.72	cps
Molybdenum	98-1	36179408	35806049	35558894	35848117	0.87	cps
Neodymium	150-1	840	820	1047	902	13.91	cps
Neodymium	150-2	77	143	123	114	29.89	cps
Nickel	60-2	1091524	1100307	1089536	1093789	0.52	cps
Phosphorus	31-2	78549	77158	75977	77228	1.67	cps
Potassium	39-2	40132954	39954736	39929970	40005887	0.28	cps
Rhodium	103-1	17804016	17779542	17595353	17726304	0.64	cps
Rhodium	103-2	9035647	9011260	8953235	9000048	0.47	cps
Scandium	45-1	10901277	10801121	10870493	10857630	0.47	cps
Scandium	45-2	521391	521370	521207	521323	0.02	cps
Selenium	77-2	7686	7772	7842	7767	1.01	cps
Selenium	78-2	26211	26027	26394	26211	0.70	cps
Selenium	82-1	174938	174250	173373	174187	0.45	cps
Silicon	28-1	5159638	5309282	5425324	5298081	2.51	cps
Silver	109-1	10735847	10745277	10635222	10705448	0.57	cps
Silver	107-1	11141405	11109974	11097173	11116184	0.20	cps
Sodium	23-2	175177946	174764987	174101233	174681389	0.31	cps
Strontium	86-1	2581575	2545835	2536341	2554584	0.93	cps
Strontium	88-1	22961437	22705923	22635623	22767661	0.75	cps
Sulfur	34-1	1339129	1338121	1329942	1335731	0.38	cps
Terbium	159-1	32647179	32460111	31890770	32332686	1.22	cps
Terbium	159-2	14878436	14839611	14777376	14831808	0.34	cps
Thallium	203-1	11025052	10986742	10971090	10994295	0.25	cps
Thallium	205-1	26761462	26403878	26283878	26483072	0.94	cps
Thorium	232-1	39782473	40085319	39248086	39705293	1.07	cps
Tin	118-1	7632838	7590038	7510510	7577795	0.82	cps
Titanium	47-1	5026710	4999951	4982336	5002999	0.45	cps
Uranium	238-1	39173683	38733281	38113588	38673518	1.38	cps
Vanadium	51-2	1935226	1943171	1934542	1937647	0.25	cps
Yttrium	89-1	41067549	40683873	40601905	40784442	0.61	cps
Yttrium	89-2	5745867	5679657	5652357	5692627	0.84	cps

LB Number :	LB105034	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P7
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2019-09-09 13:34:23	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	972759	976116	974681	974518	0.17	cps
Zirconium	90-1	13798882	13893253	13733754	13808630	0.58	cps
Zirconium	91-1	3048261	3047601	3002123	3032662	0.87	cps

LB Number : LB105034 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P7
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-09 13:38:06 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	242	150	186	26.24	cps
Antimony	121-1	7211	7986	8695	7964	9.32	cps
Arsenic	75-1	-747	-202	-789	-579	-56.46	cps
Barium	135-1	158	208	158	175	16.50	cps
Barium	137-1	400	350	267	339	19.88	cps
Beryllium	9-1	203	203	210	206	1.87	cps
Bismuth	209-1	22910131	23256888	23098489	23088503	0.75	cps
Bismuth	209-2	12143932	12154609	12040707	12113083	0.52	cps
Boron	10-1	8069	8011	8027	8036	0.37	cps
Boron	11-1	41742	40873	36645	39753	6.86	cps
Cadmium	111-1	15840	15578	15965	15794	1.25	cps
Cadmium	106-1	22360	22118	22677	22385	1.25	cps
Cadmium	108-1	58	54	79	64	20.97	cps
Calcium	43-1	367	267	233	289	24.02	cps
Calcium	44-1	24180	23896	23129	23735	2.29	cps
Chromium	52-2	1043	920	983	982	6.28	cps
Cobalt	59-2	113	83	97	98	15.38	cps
Copper	63-2	1783	1683	1797	1755	3.53	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	43	40	30	38	18.36	cps
Erbium	164-1	150	175	150	158	9.12	cps
Erbium	164-2	83	107	107	99	13.62	cps
Gadolinium	160-1	292	150	150	197	41.47	cps
Gadolinium	160-2	393	417	393	401	3.36	cps
Holmium	165-1	32862423	32872032	33033143	32922533	0.29	cps
Holmium	165-2	15924608	15842169	15546386	15771054	1.26	cps
Indium	115-1	22287825	22542592	22595703	22475373	0.73	cps
Indium	115-2	4069873	4066426	4019892	4052064	0.69	cps
Iron	56-2	13468	13801	13896	13722	1.64	cps
Iron	57-2	439	389	378	402	8.10	cps
Krypton	83-1	470	433	407	437	7.28	cps
Lead	206-1	2339	2328	2467	2378	3.25	cps
Lead	207-1	2050	2039	2028	2039	0.55	cps
Lead	208-1	8913	8407	8357	8559	3.59	cps
Lithium	6-1	3897133	3928185	3948501	3924606	0.66	cps
Magnesium	24-2	1350	1617	1625	1531	10.22	cps

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Lab Sample ID :	CCB08	Instrumnet Name :	P7
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	107	143	120	16.90	cps
Molybdenum	94-1	5576	5159	4434	5057	11.43	cps
Molybdenum	95-1	7461	7227	5810	6833	13.08	cps
Molybdenum	96-1	8453	7277	6702	7477	11.94	cps
Molybdenum	97-1	4643	4401	3551	4198	13.66	cps
Molybdenum	98-1	12389	10629	9520	10846	13.34	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	23	10	3	12	83.33	cps
Nickel	60-2	167	180	173	173	3.85	cps
Phosphorus	31-2	258	225	275	253	10.07	cps
Potassium	39-2	37841	37089	37866	37599	1.17	cps
Rhodium	103-1	19829340	20015627	20100669	19981878	0.69	cps
Rhodium	103-2	10190427	10115870	10056974	10121091	0.66	cps
Scandium	45-1	10973410	11133584	11201504	11102833	1.05	cps
Scandium	45-2	517580	515180	509016	513925	0.86	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	43	46	35	41	13.68	cps
Selenium	82-1	-13	1	86	25	217.33	cps
Silicon	28-1	171185	164683	163223	166364	2.55	cps
Silver	109-1	600	542	525	556	7.09	cps
Silver	107-1	967	808	733	836	14.25	cps
Sodium	23-2	74971	75172	74477	74873	0.48	cps
Strontium	86-1	608	750	783	714	13.02	cps
Strontium	88-1	525	475	458	486	7.14	cps
Sulfur	34-1	616843	622192	616955	618663	0.49	cps
Terbium	159-1	32627707	33337555	33410364	33125209	1.31	cps
Terbium	159-2	15307909	15336637	15099074	15247873	0.85	cps
Thallium	203-1	3459	3242	3084	3262	5.77	cps
Thallium	205-1	7402	6735	6485	6874	6.90	cps
Thorium	232-1	11811	11883	12228	11974	1.86	cps
Tin	118-1	4509	4993	4851	4784	5.19	cps
Titanium	47-1	258	250	325	278	14.80	cps
Uranium	238-1	4776	4818	4559	4718	2.94	cps
Vanadium	51-2	33	30	33	32	5.97	cps
Yttrium	89-1	42085497	42255264	42425883	42255548	0.40	cps
Yttrium	89-2	5756756	5872072	5823525	5817451	1.00	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	970	1080	1063	1038	5.71	cps
Zirconium	90-1	2742	3017	3150	2970	7.01	cps
Zirconium	91-1	408	558	625	531	20.92	cps