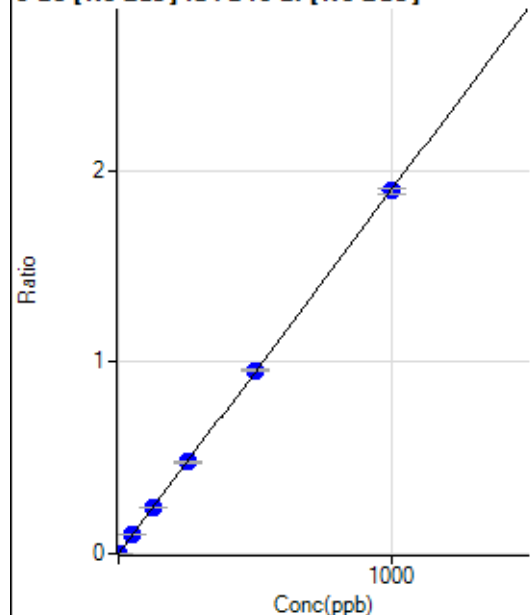


Batch Folder: D:\P8040919MM1.b\
Analysis File: P8040919MM1.batch.bin
DA Date-Time: 2019-05-08 12:45:24
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-04-09 18:17:13
2			
3	005CALS.d	S02	2019-04-09 18:24:54
4	006CALS.d	S03	2019-04-09 18:28:50
5	007CALS.d	S04	2019-04-09 18:32:44
6	008CALS.d	S05	2019-04-09 18:36:36
7	009CALS.d	S06	2019-04-09 18:40:24
8	010CALS.d	S07	2019-04-09 18:44:06
9	011CALS.d	S08	2019-04-09 18:47:41

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0002	P	34.3
2	☐	0.100					
3	☐	1.000	1.009	350.01	0.0022	P	6.1
4	☐	50.000	51.425	16113.64	0.0979	P	1.0
5	☐	125.000	126.333	41497.57	0.2403	P	3.3
6	☐	250.000	251.579	81869.99	0.4782	P	1.8
7	☐	500.000	504.122	164461.34	0.9580	P	0.8
8	☐	1000.000	997.306	323577.54	1.8950	P	1.5
9	☐			90.00	0.0005	P	12.6

$$y = 0.0019 * x + 2.3519E-004$$

$$R = 1.0000$$

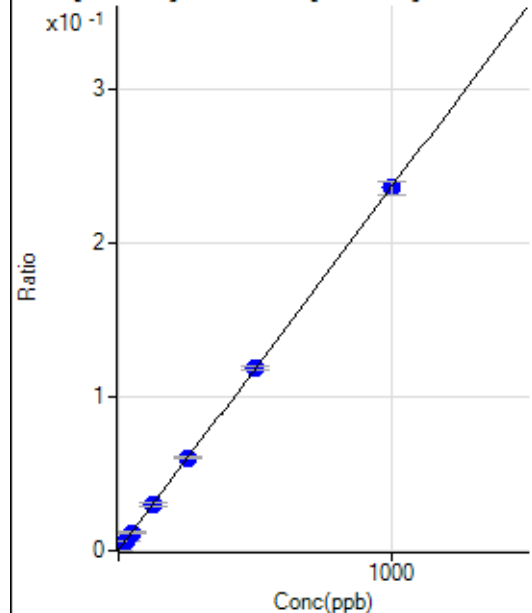
$$DL = 0.1276$$

$$BEC = 0.1238$$

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	52.78	0.0003	P	17.9
2	☐	2.500					
3	☐	25.000	23.651	961.19	0.0059	P	5.0
4	☐	50.000	47.920	1916.89	0.0117	P	4.4
5	☐	125.000	125.363	5173.37	0.0300	P	6.1
6	☐	250.000	254.748	10368.09	0.0606	P	1.4
7	☐	500.000	502.121	20437.51	0.1191	P	2.4
8	☐	1000.000	997.845	40346.57	0.2363	P	3.9
9	☐			744.50	0.0045	P	13.7

$$y = 2.3646E-004 * x + 3.1936E-004$$

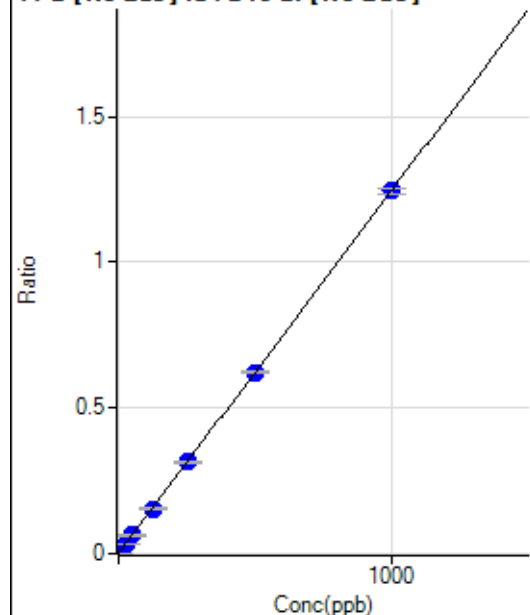
$$R = 1.0000$$

$$DL = 0.7239$$

$$BEC = 1.351$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.79	0.0012	P	19.6
2	☐	2.500					
3	☐	25.000	23.898	5031.68	0.0309	P	2.4
4	☐	50.000	50.215	10476.44	0.0637	P	3.9
5	☐	125.000	123.618	26767.54	0.1550	P	2.9
6	☐	250.000	251.041	53656.88	0.3134	P	2.9
7	☐	500.000	500.264	107014.21	0.6234	P	1.6
8	☐	1000.000	999.797	212543.69	1.2446	P	1.6
9	☐			3567.28	0.0216	P	6.7

$$y = 0.0012 * x + 0.0012$$

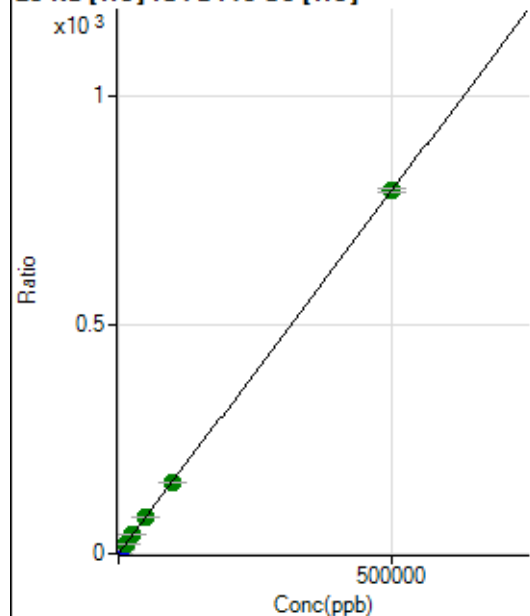
$$R = 1.0000$$

$$DL = 0.5805$$

$$BEC = 0.9863$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9561.93	0.1808	P	4.1
2	☐	50.000					
3	☐	500.000	506.716	51970.66	0.9850	P	2.7
4	☐	5000.000	5211.554	457161.68	8.4521	P	0.7
5	☐	12500.000	13353.753	1146591.76	21.3746	A	2.0
6	☐	25000.000	26007.098	2226384.88	41.4569	A	1.3
7	☐	50000.000	51170.300	4372731.70	81.3936	A	1.4
8	☐	100000.00	98701.991	8544926.58	156.8315	A	0.9
9	☐	500000.00	500068.75	43617954.10	793.8439	A	1.2

$$y = 0.0016 * x + 0.1808$$

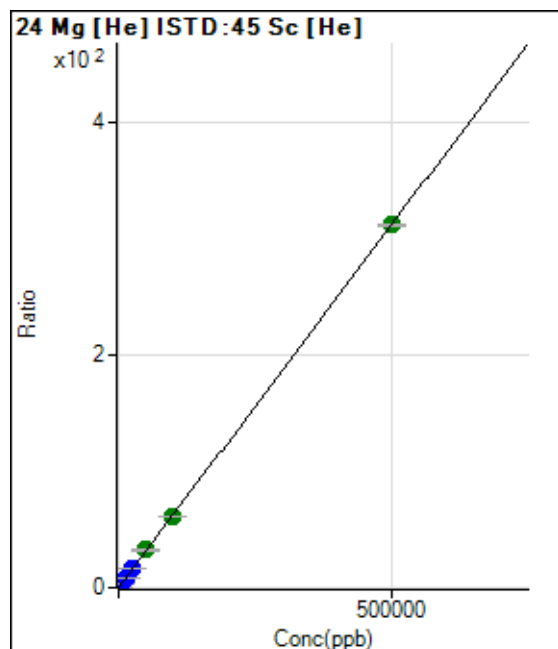
$$R = 1.0000$$

$$DL = 14.07$$

$$BEC = 113.9$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0016	P	26.8
2	☐	50.000					
3	☐	500.000	514.549	17036.34	0.3228	P	3.7
4	☐	5000.000	5246.730	177217.32	3.2767	P	1.6
5	☐	12500.000	13219.628	442751.01	8.2535	P	1.6
6	☐	25000.000	25681.500	861018.44	16.0324	P	0.3
7	☐	50000.000	51684.081	1733498.15	32.2637	A	1.2
8	☐	100000.00	98871.398	3362706.07	61.7189	A	0.9
9	☐	500000.00	500002.76	17150054.90	312.1126	A	0.5

$$y = 6.2422\text{E-}004 * x + 0.0016$$

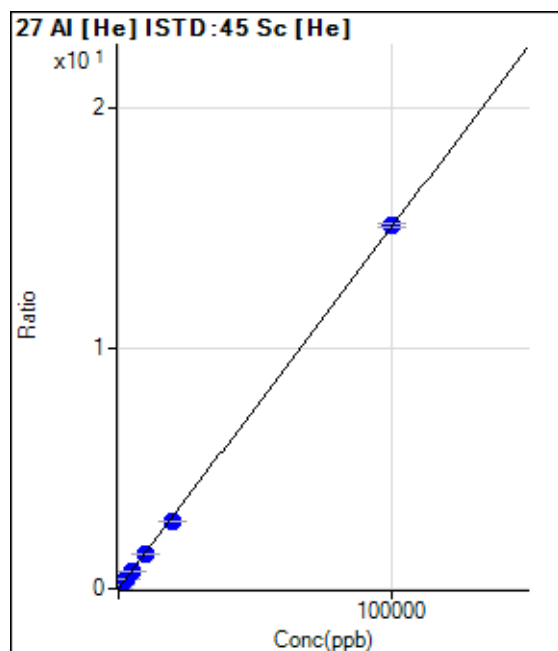
$$R = 1.0000$$

$$DL = 2.034$$

$$BEC = 2.526$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.02	0.0015	P	14.1
2	☐	2.000					
3	☐	20.000	18.386	225.89	0.0043	P	4.7
4	☐	1000.000	958.690	7891.76	0.1459	P	0.5
5	☐	2500.000	2454.971	19918.20	0.3713	P	1.1
6	☐	5000.000	4853.512	39338.25	0.7325	P	1.0
7	☐	10000.000	9554.506	77399.52	1.4406	P	0.4
8	☐	20000.000	18536.506	152198.79	2.7934	P	0.6
9	☐	100000.00	100346.11	830510.50	15.1150	P	1.0

$$y = 1.5061\text{E-}004 * x + 0.0015$$

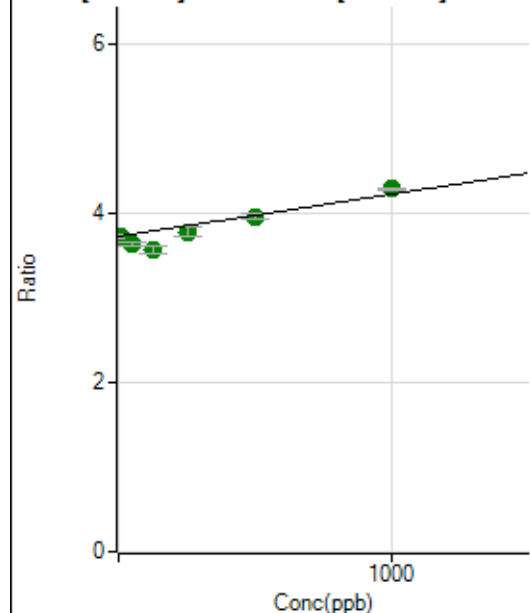
$$R = 0.9999$$

$$DL = 4.251$$

$$BEC = 10.04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6248423.84	3.7336	A	0.9
2	☐	1.000					
3	☐	10.000	-1.554	6178936.94	3.7328	A	0.8
4	☐	50.000	-193.943	6215581.43	3.6370	A	1.1
5	☐	125.000	-325.767	6372725.88	3.5714	A	3.0
6	☐	250.000	93.958	6569840.64	3.7803	A	3.1
7	☐	500.000	468.993	6910395.21	3.9670	A	1.5
8	☐	1000.000	1123.173	7558403.03	4.2926	A	0.4
9	☐			6496786.34	3.7815	A	1.7

$$y = 4.9774\text{E-}004 * x + 3.7336$$

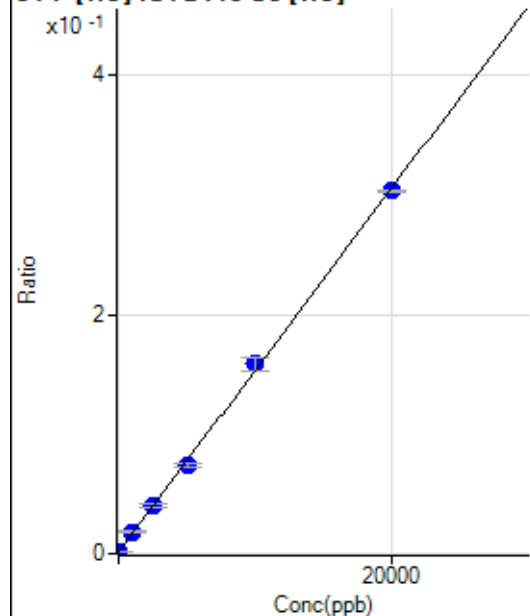
$$R = 0.9422$$

$$DL = 208$$

$$BEC = 7501$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.468	52.78	0.0010	P	23.9
2	☐	0.000					
3	☐	0.000	17.468	80.56	0.0015	P	14.2
4	☐	1000.000	1109.020	980.64	0.0181	P	9.3
5	☐	2500.000	2554.036	2153.05	0.0401	P	5.0
6	☐	5000.000	4797.124	3989.65	0.0743	P	4.2
7	☐	10000.000	10356.946	8533.54	0.1589	P	6.8
8	☐	20000.000	19860.040	16538.08	0.3035	P	0.7
9	☐			38.89	0.0007	P	32.8

$$y = 1.5219\text{E-}005 * x + 0.0013$$

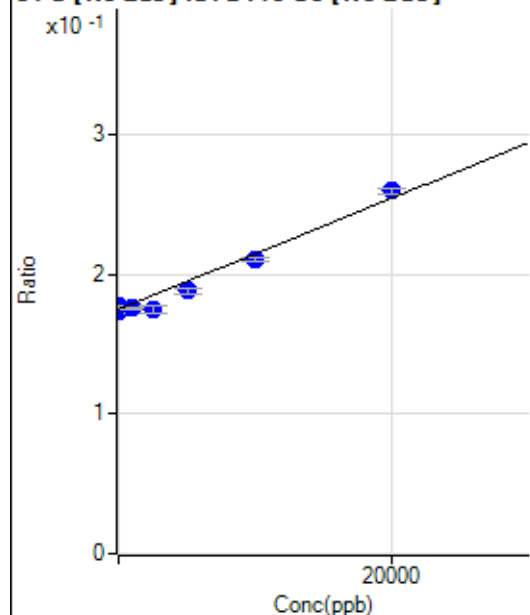
$$R = 0.9997$$

$$DL = 44.94$$

$$BEC = 83.02$$

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	-557.717	289225.10	0.1728	P	0.6
2	☐	0.000					
3	☐	0.000	557.717	293404.42	0.1773	P	1.0
4	☐	1000.000	210.018	300551.48	0.1759	P	1.2
5	☐	2500.000	-40.921	312026.41	0.1749	P	3.3
6	☐	5000.000	3332.807	327271.31	0.1883	P	2.4
7	☐	10000.000	8938.831	366865.54	0.2106	P	1.0
8	☐	20000.000	21304.497	457396.52	0.2598	P	1.4
9	☐			259353.33	0.1509	P	1.7

$$y = 3.9783\text{E-}006 * x + 0.1750$$

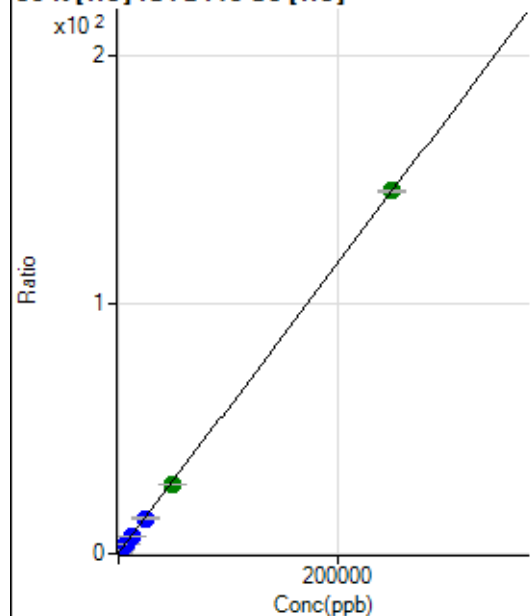
$$R = 0.9896$$

$$DL = 1070$$

$$BEC = 4.4\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9970.65	0.1885	P	2.9
2	☐	50.000					
3	☐	500.000	473.389	24455.66	0.4634	P	1.3
4	☐	2500.000	2408.371	85825.42	1.5868	P	1.5
5	☐	6250.000	6167.484	202207.19	3.7694	P	1.5
6	☐	12500.000	12037.510	385457.32	7.1776	P	0.8
7	☐	25000.000	24200.501	765028.59	14.2395	P	0.8
8	☐	50000.000	47796.128	1522237.64	27.9392	A	1.1
9	☐	250000.00	250546.88	8003676.39	145.6573	A	0.4

$$y = 5.8060\text{E-}004 * x + 0.1885$$

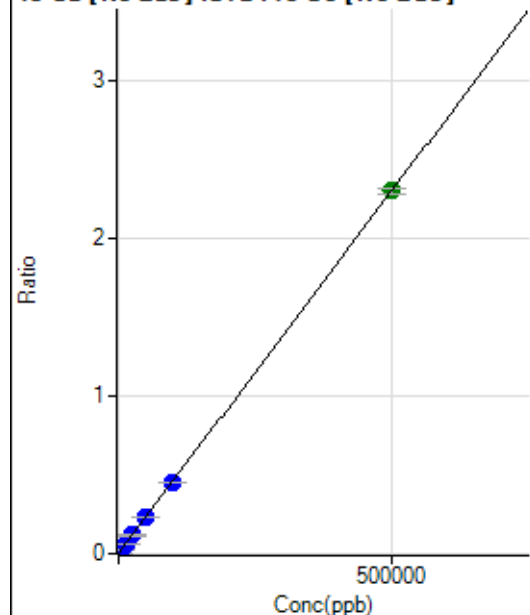
$$R = 1.0000$$

$$DL = 28.27$$

$$BEC = 324.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3099.28	0.0019	P	2.9
2	☐	50.000					
3	☐	500.000	469.264	6638.35	0.0040	P	2.0
4	☐	5000.000	4965.496	42194.46	0.0247	P	1.1
5	☐	12500.000	12006.549	101837.64	0.0571	P	3.4
6	☐	25000.000	24925.094	202486.40	0.1165	P	1.9
7	☐	50000.000	49530.052	400072.91	0.2297	P	0.9
8	☐	100000.00	98413.291	800230.82	0.4545	P	1.1
9	☐	500000.00	500380.79	3957108.90	2.3033	A	1.7

$$y = 4.5993\text{E-}006 * x + 0.0019$$

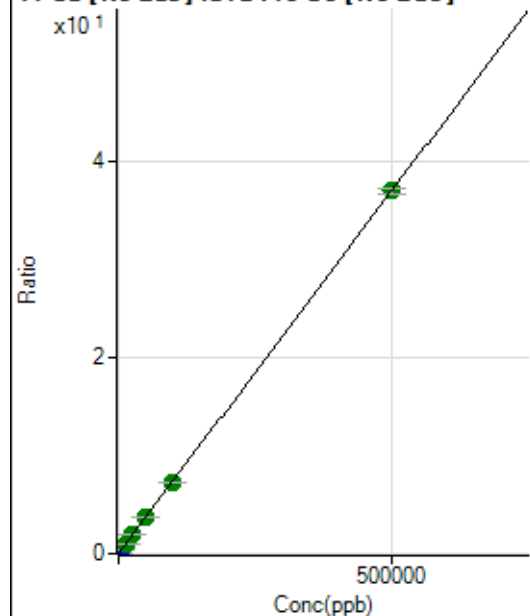
$$R = 1.0000$$

$$DL = 34.57$$

$$BEC = 402.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40467.20	0.0242	P	1.9
2	☐	50.000					
3	☐	500.000	485.376	99373.61	0.0600	P	0.4
4	☐	5000.000	5046.705	678349.50	0.3969	P	1.5
5	☐	12500.000	12446.671	1683254.58	0.9435	A	4.1
6	☐	25000.000	25152.384	3271293.77	1.8820	A	2.0
7	☐	50000.000	49203.010	6373298.45	3.6584	A	0.6
8	☐	100000.00	98360.093	12835054.25	7.2893	A	0.5
9	☐	500000.00	500400.94	63541909.61	36.9849	A	1.8

$$y = 7.3862\text{E-}005 * x + 0.0242$$

$$R = 1.0000$$

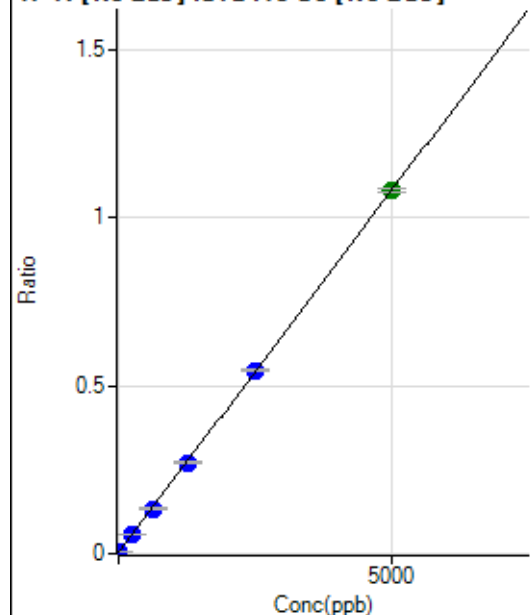
$$DL = 18.17$$

$$BEC = 327.4$$

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	5337.39	0.0032	P	4.2
2	☐	0.500					
3	☐	5.000	5.537	7249.43	0.0044	P	3.7
4	☐	250.000	247.433	96412.16	0.0564	P	0.7
5	☐	625.000	606.140	238353.37	0.1336	P	2.8
6	☐	1250.000	1242.676	470168.22	0.2705	P	2.1
7	☐	2500.000	2514.351	947760.47	0.5440	P	0.7
8	☐	5000.000	4997.141	1898339.52	1.0781	A	1.0
9	☐			5918.19	0.0034	P	1.6

$$y = 2.1511\text{E-}004 * x + 0.0032$$

$$R = 1.0000$$

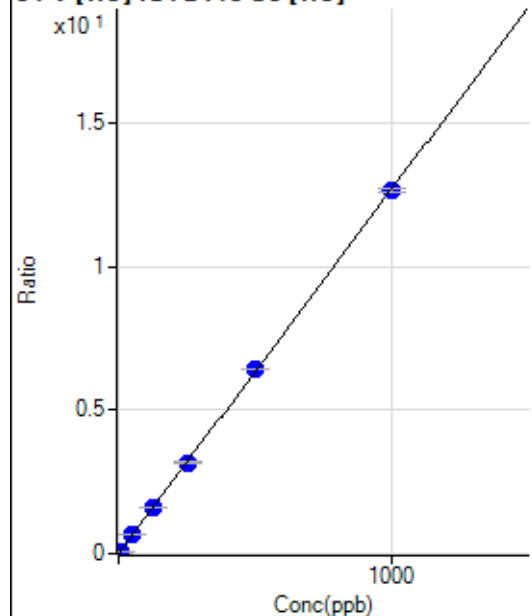
$$DL = 1.883$$

$$BEC = 14.82$$

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	46.66	0.0009	P	33.1
2	☐	0.500					
3	☐	5.000	5.183	3511.62	0.0666	P	5.1
4	☐	50.000	50.208	34477.07	0.6374	P	0.2
5	☐	125.000	128.074	87149.30	1.6246	P	1.4
6	☐	250.000	249.921	170211.59	3.1693	P	0.8
7	☐	500.000	507.481	345704.46	6.4345	P	0.7
8	☐	1000.000	995.884	687927.71	12.6263	P	1.0
9	☐			184.45	0.0034	P	15.8

$$y = 0.0127 * x + 8.8295\text{E-}004$$

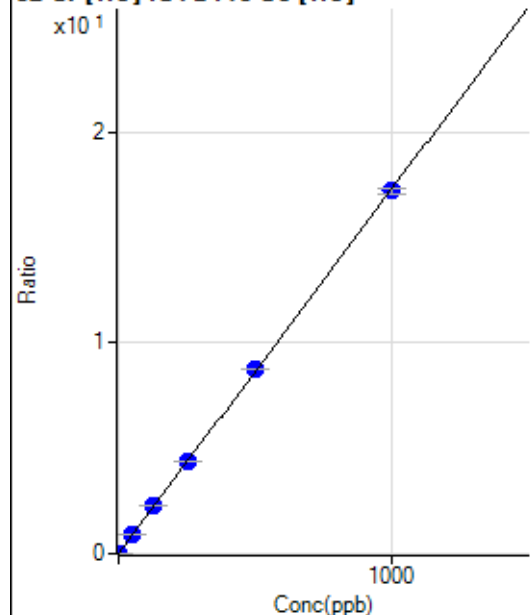
$$R = 1.0000$$

$$DL = 0.06911$$

$$BEC = 0.06965$$

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	450.02	0.0085	P	8.8
2	☐	0.200					
3	☐	2.000	1.872	2154.65	0.0408	P	2.9
4	☐	50.000	50.238	47382.48	0.8760	P	0.3
5	☐	125.000	129.732	120630.15	2.2486	P	1.0
6	☐	250.000	252.374	234480.72	4.3663	P	1.0
7	☐	500.000	505.969	469841.27	8.7452	P	0.8
8	☐	1000.000	995.819	937291.83	17.2035	P	1.3
9	☐			7390.98	0.1345	P	1.7

$$y = 0.0173 * x + 0.0085$$

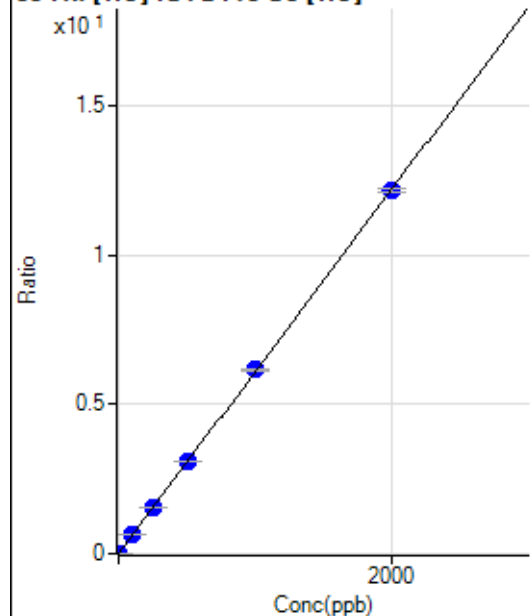
$$R = 1.0000$$

$$DL = 0.1301$$

$$BEC = 0.4928$$

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	23.33	0.0004	P	42.7
2	☐	0.100					
3	☐	1.000	1.097	375.57	0.0071	P	11.4
4	☐	100.000	101.590	33479.25	0.6189	P	0.8
5	☐	250.000	256.584	83826.45	1.5626	P	1.1
6	☐	500.000	504.209	164877.20	3.0701	P	0.7
7	☐	1000.000	1009.657	330279.08	6.1474	P	0.8
8	☐	2000.000	1993.217	661187.56	12.1354	P	1.0
9	☐			2564.73	0.0467	P	3.5

$$y = 0.0061 * x + 4.4081E-004$$

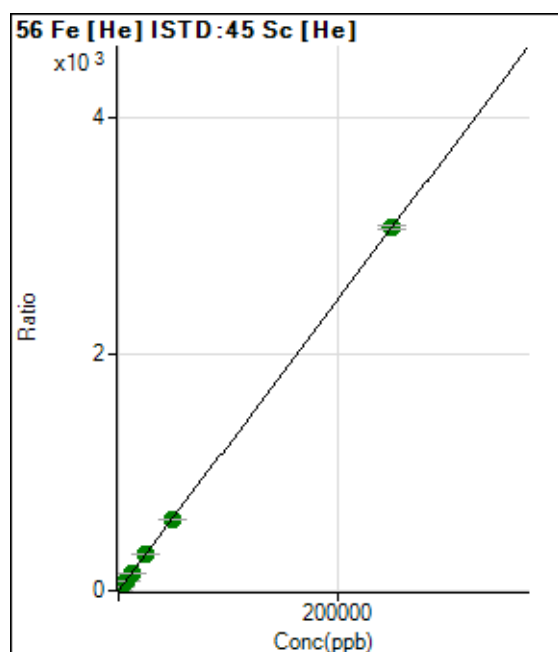
$$R = 1.0000$$

$$DL = 0.09271$$

$$BEC = 0.0724$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	642.63	0.0122	P	8.4
2	☐	5.000					
3	☐	50.000	50.404	33314.74	0.6314	P	2.4
4	☐	2500.000	2580.399	1715180.32	31.7144	A	2.3
5	☐	6250.000	6484.990	4274972.55	79.6854	A	0.5
6	☐	12500.000	12548.598	8280213.21	154.1817	A	0.5
7	☐	25000.000	25204.233	16636799.22	309.6663	A	1.2
8	☐	50000.000	49361.637	33042047.96	606.4593	A	1.2
9	☐	250000.00	250098.14	168829816.7	3,072.667	A	1.1

$$y = 0.0123 * x + 0.0122$$

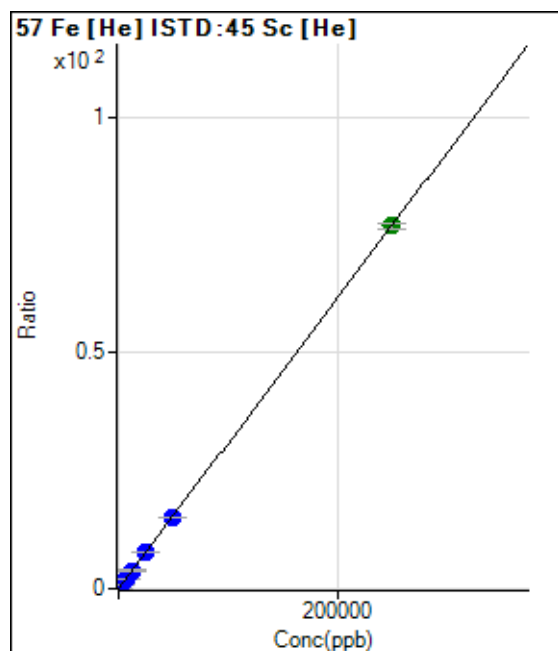
$$R = 1.0000$$

$$DL = 0.2483$$

$$BEC = 0.9892$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.93	0.0005	P	33.0
2	☐	5.000					
3	☐	50.000	50.779	850.06	0.0161	P	4.6
4	☐	2500.000	2485.857	41397.30	0.7654	P	2.7
5	☐	6250.000	6414.029	105901.28	1.9742	P	2.0
6	☐	12500.000	12578.993	207902.64	3.8712	P	0.5
7	☐	25000.000	25345.477	419023.41	7.7995	P	1.5
8	☐	50000.000	49404.837	828335.79	15.2028	P	0.6
9	☐	250000.00	250076.57	4227976.45	76.9515	A	1.6

$$y = 3.0771E-004 * x + 4.9057E-004$$

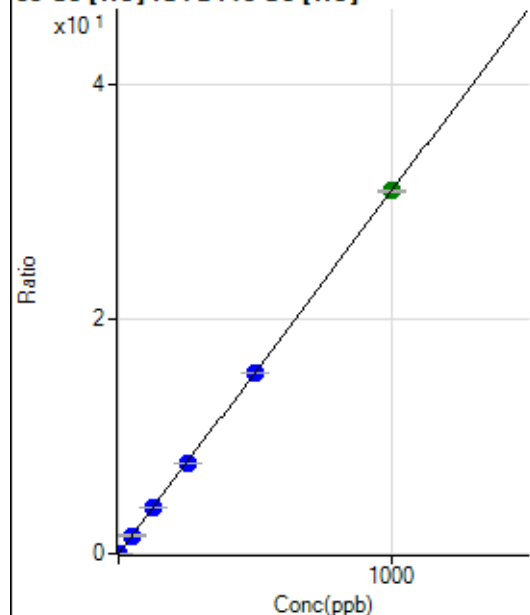
$$R = 1.0000$$

$$DL = 1.578$$

$$BEC = 1.594$$

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	180.00	0.0034	P	12.1
2	☐	0.100					
3	☐	1.000	0.911	1666.80	0.0316	P	11.3
4	☐	50.000	50.160	84140.06	1.5557	P	1.6
5	☐	125.000	127.504	211870.25	3.9493	P	0.6
6	☐	250.000	249.415	414697.88	7.7220	P	0.8
7	☐	500.000	499.060	829967.48	15.4478	P	0.7
8	☐	1000.000	1000.295	1686905.27	30.9595	A	0.6
9	☐			19647.38	0.3576	P	0.7

$$y = 0.0309 * x + 0.0034$$

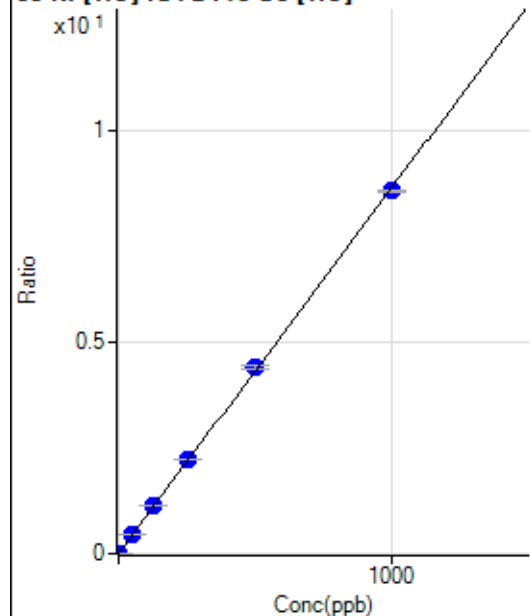
$$R = 1.0000$$

$$DL = 0.03997$$

$$BEC = 0.11$$

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	57.78	0.0011	P	17.7
2	☐	0.100					
3	☐	1.000	0.999	513.35	0.0097	P	3.6
4	☐	50.000	52.049	24410.55	0.4513	P	1.4
5	☐	125.000	130.555	60650.62	1.1305	P	0.5
6	☐	250.000	256.669	119297.43	2.2214	P	0.7
7	☐	500.000	510.384	237252.11	4.4162	P	1.2
8	☐	1000.000	992.344	467771.46	8.5853	P	0.6
9	☐			6071.42	0.1105	P	2.5

$$y = 0.0087 * x + 0.0011$$

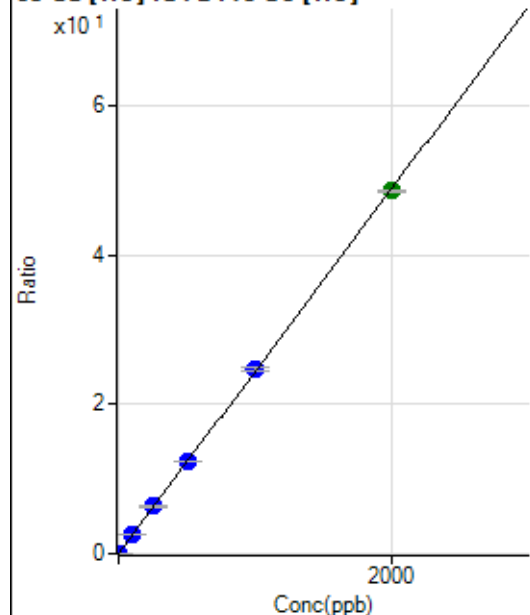
$$R = 0.9999$$

$$DL = 0.06712$$

$$BEC = 0.1263$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	378.90	0.0072	P	13.1
2	☐	0.200					
3	☐	2.000	1.961	2903.68	0.0550	P	4.0
4	☐	100.000	102.233	135424.67	2.5037	P	0.2
5	☐	250.000	259.307	340085.56	6.3395	P	1.2
6	☐	500.000	506.975	665246.96	12.3876	P	1.5
7	☐	1000.000	1014.703	1331583.75	24.7865	P	1.5
8	☐	2000.000	1989.630	2647641.14	48.5944	A	0.8
9	☐			5507.86	0.1003	P	2.3

$$y = 0.0244 * x + 0.0072$$

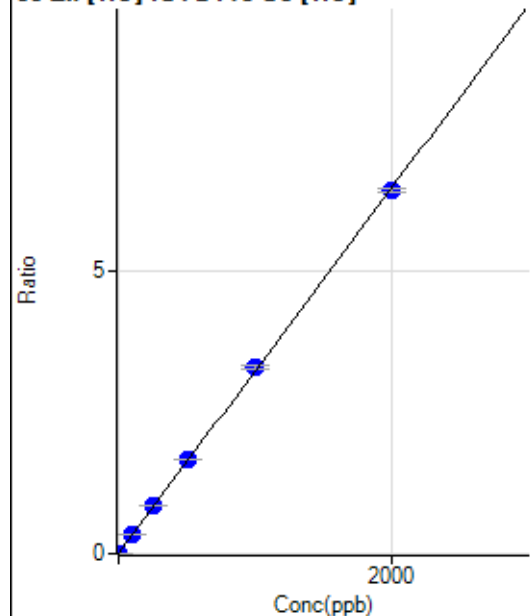
$$R = 0.9999$$

$$DL = 0.1156$$

$$BEC = 0.2933$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205.56	0.0039	P	9.0
2	☐	0.200					
3	☐	2.000	1.324	431.13	0.0082	P	8.8
4	☐	100.000	102.894	18203.27	0.3366	P	1.0
5	☐	250.000	262.452	45727.58	0.8524	P	1.5
6	☐	500.000	511.935	89094.16	1.6590	P	0.9
7	☐	1000.000	1019.423	177272.31	3.2998	P	1.5
8	☐	2000.000	1985.604	349977.07	6.4235	P	1.0
9	☐			3240.44	0.0590	P	1.6

$$y = 0.0032 * x + 0.0039$$

$$R = 0.9999$$

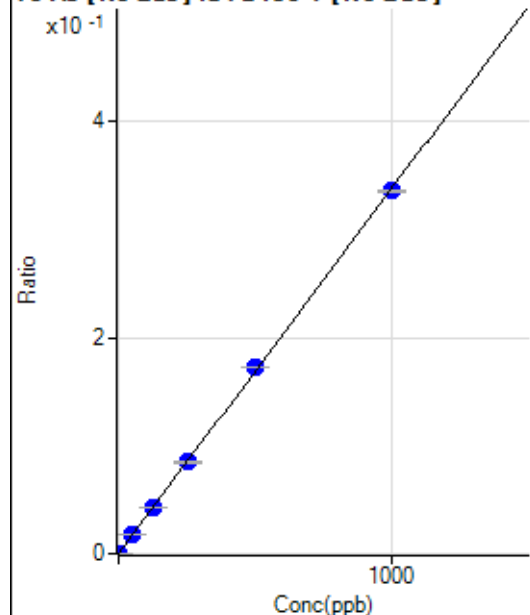
$$DL = 0.3259$$

$$BEC = 1.202$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	457.05	0.0002	P	8.2
2	☐	0.100					
3	☐	1.000	0.948	1334.95	0.0005	P	13.4
4	☐	50.000	51.408	49204.19	0.0175	P	0.9
5	☐	125.000	126.191	125303.56	0.0428	P	3.2
6	☐	250.000	250.596	249486.38	0.0848	P	1.2
7	☐	500.000	510.354	503416.16	0.1726	P	0.6
8	☐	1000.000	994.455	1008987.72	0.3362	P	0.7
9	☐			1953.65	0.0007	P	4.6

$$y = 3.3786E-004 * x + 1.6654E-004$$

$$R = 0.9999$$

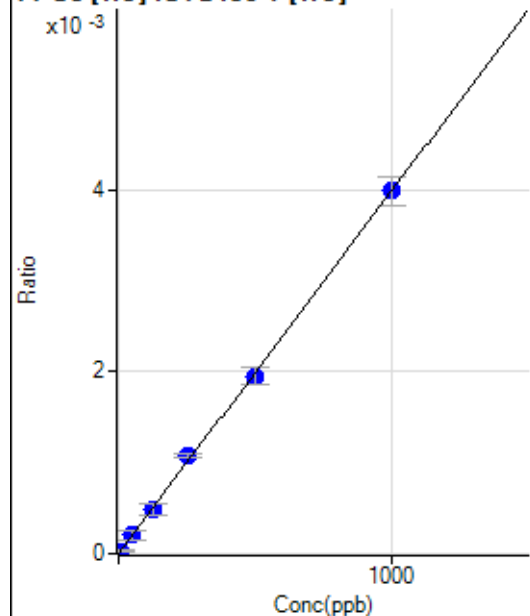
$$DL = 0.1218$$

$$BEC = 0.4929$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.248	8.89	0.0000	P	74.6
4	☐	50.000	51.594	74.45	0.0002	P	47.1
5	☐	125.000	121.747	176.67	0.0005	P	29.9
6	☐	250.000	271.427	393.35	0.0011	P	3.8
7	☐	500.000	488.813	717.81	0.0019	P	9.5
8	☐	1000.000	1000.557	1490.10	0.0040	P	7.9
9	☐			1.11	0.0000	P	173.2

$$y = 3.9888E-006 * x + 0.0000E+000$$

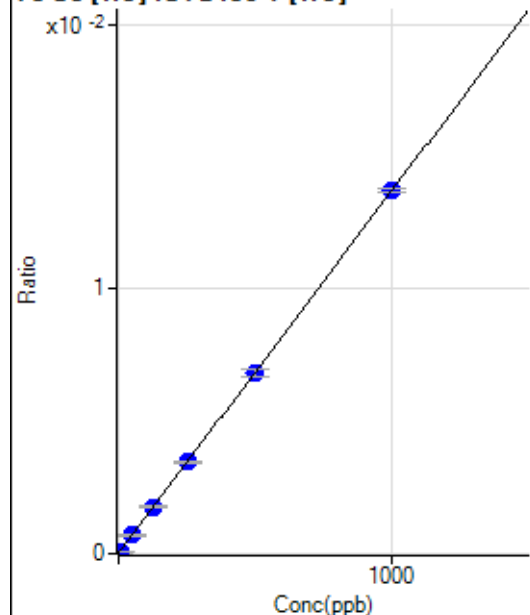
$$R = 0.9996$$

$$DL = 0$$

$$BEC = 0$$

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	6.17	0.0000	P	45.9
2	☐	0.500					
3	☐	5.000	5.283	31.48	0.0001	P	8.8
4	☐	50.000	49.789	253.09	0.0007	P	5.7
5	☐	125.000	128.114	644.47	0.0018	P	1.6
6	☐	250.000	251.993	1259.33	0.0035	P	2.6
7	☐	500.000	496.646	2507.05	0.0068	P	4.7
8	☐	1000.000	1000.799	5117.66	0.0137	P	1.1
9	☐			14.81	0.0000	P	12.7

$$y = 1.3679\text{E-}005 * x + 1.7593\text{E-}005$$

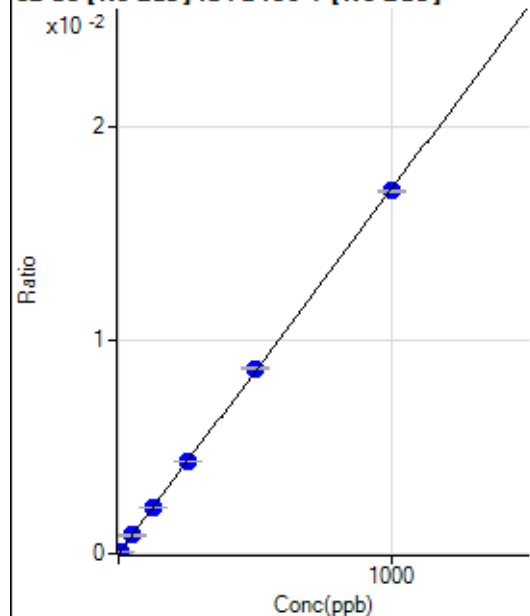
$$R = 1.0000$$

$$DL = 1.771$$

$$BEC = 1.286$$

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	12.13	0.0000	P	324.2
2	☐	0.500					
3	☐	5.000	5.647	276.35	0.0001	P	11.9
4	☐	50.000	50.769	2446.22	0.0009	P	4.7
5	☐	125.000	126.439	6340.88	0.0022	P	1.1
6	☐	250.000	253.837	12771.56	0.0043	P	1.1
7	☐	500.000	507.586	25316.17	0.0087	P	1.0
8	☐	1000.000	995.026	51059.88	0.0170	P	0.3
9	☐			-11.57	0.0000	P	-243.

$$y = 1.7091\text{E-}005 * x + 4.2507\text{E-}006$$

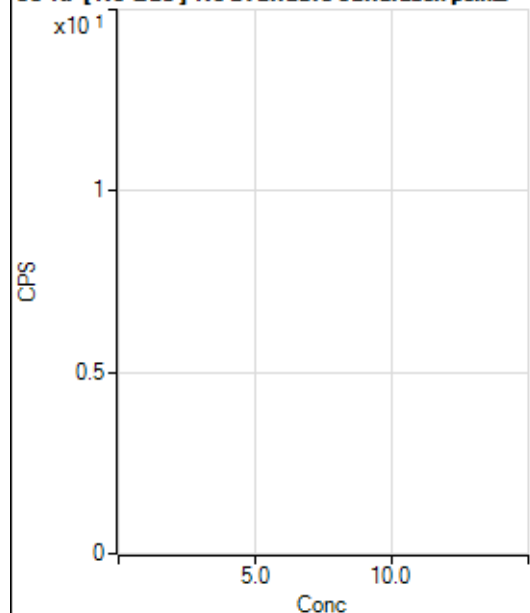
$$R = 0.9999$$

$$DL = 2.419$$

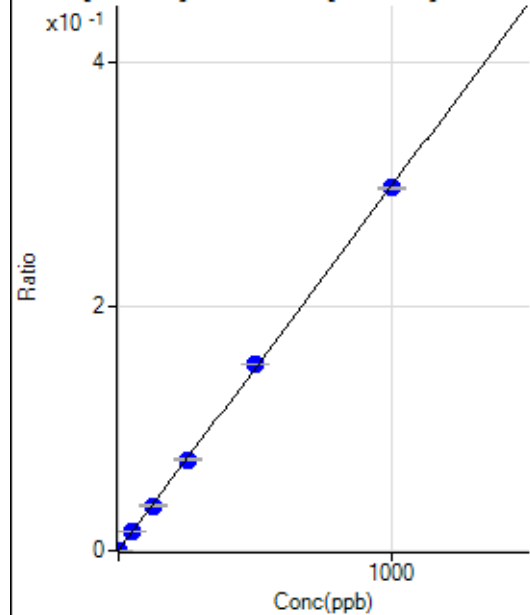
$$BEC = 0.2487$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			394.46		P	12.9
2	☐						
3	☐			372.23		P	4.6
4	☐			402.24		P	16.0
5	☐			378.90		P	8.0
6	☐			405.57		P	8.9
7	☐			425.57		P	8.7
8	☐			472.24		P	17.0
9	☐			436.68		P	4.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	633.38	0.0002	P	17.6
2	☐	0.100					
3	☐	1.000	1.001	1452.93	0.0005	P	5.1
4	☐	50.000	49.678	42180.08	0.0150	P	1.3
5	☐	125.000	122.611	107625.17	0.0368	P	2.5
6	☐	250.000	248.341	218253.75	0.0742	P	1.6
7	☐	500.000	511.760	445368.94	0.1527	P	0.6
8	☐	1000.000	994.849	890314.13	0.2966	P	0.4
9	☐			4387.00	0.0015	P	5.9

$$y = 2.9792\text{E-}004 * x + 2.3103\text{E-}004$$

$$R = 0.9999$$

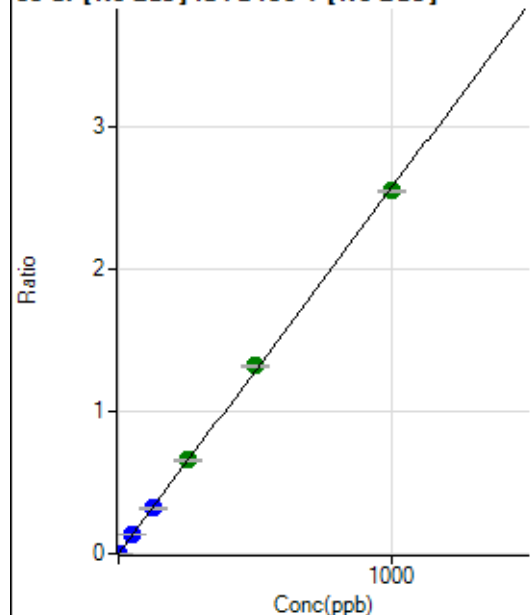
$$DL = 0.4104$$

$$BEC = 0.7755$$

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	50.00	0.0000	P	18.5
2	☐	0.100					
3	☐	1.000	0.959	6799.23	0.0025	P	3.7
4	☐	50.000	50.154	360902.69	0.1286	P	0.5
5	☐	125.000	123.950	930536.44	0.3178	P	3.2
6	☐	250.000	255.844	1929026.34	0.6560	A	2.6
7	☐	500.000	513.087	3837300.22	1.3156	A	1.6
8	☐	1000.000	992.119	7635723.61	2.5439	A	0.6
9	☐			32166.66	0.0112	P	2.9

$$y = 0.0026 * x + 1.8245E-005$$

$$R = 0.9998$$

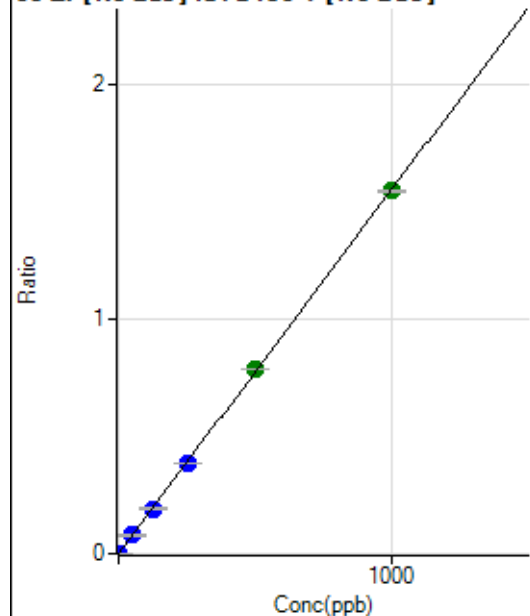
$$DL = 0.003944$$

$$BEC = 0.007116$$

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	197.23	0.0001	P	25.4
2	☐	0.100					
3	☐	1.000	0.916	4092.51	0.0015	P	3.0
4	☐	50.000	50.185	218470.21	0.0779	P	0.6
5	☐	125.000	122.967	558265.10	0.1907	P	2.7
6	☐	250.000	249.004	1135288.45	0.3860	P	1.3
7	☐	500.000	507.124	2292943.21	0.7861	A	0.9
8	☐	1000.000	996.932	4638448.72	1.5454	A	0.6
9	☐			1550.17	0.0005	P	4.5

$$y = 0.0016 * x + 7.1647E-005$$

$$R = 1.0000$$

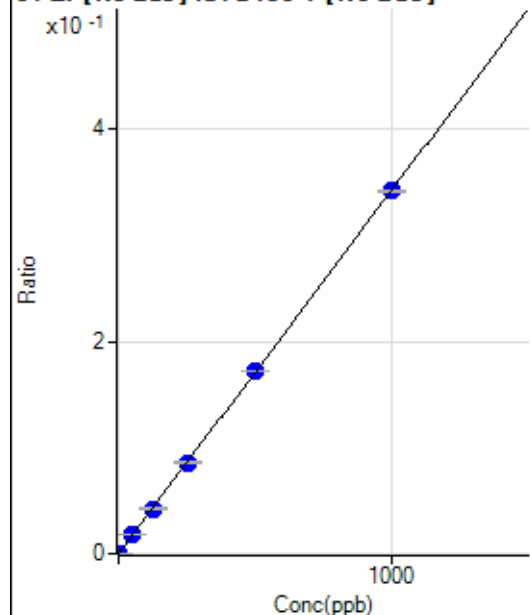
$$DL = 0.03515$$

$$BEC = 0.04622$$

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	105.56	0.0000	P	22.4
2	☐	0.100					
3	☐	1.000	0.873	925.08	0.0003	P	6.7
4	☐	50.000	50.581	48624.27	0.0173	P	0.8
5	☐	125.000	123.437	123634.58	0.0422	P	3.8
6	☐	250.000	249.563	250997.41	0.0853	P	1.5
7	☐	500.000	502.595	501231.16	0.1718	P	0.7
8	☐	1000.000	998.978	1025133.82	0.3415	P	0.3
9	☐			458.37	0.0002	P	10.2

$$y = 3.4184\text{E-}004 * x + 3.8417\text{E-}005$$

$$R = 1.0000$$

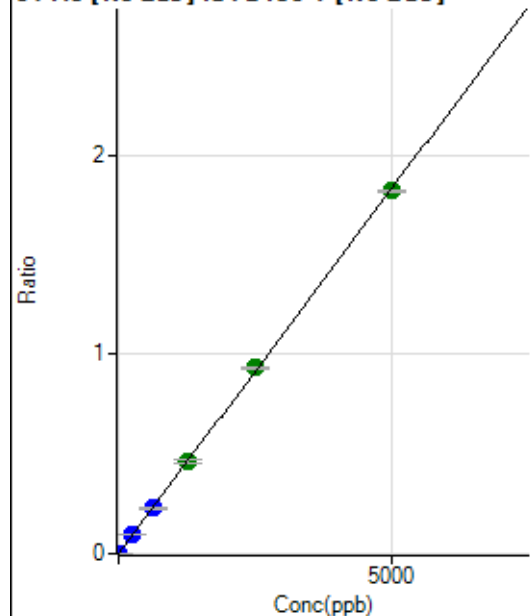
$$DL = 0.07556$$

$$BEC = 0.1124$$

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	80.56	0.0000	P	26.5
2	☐	0.500					
3	☐	5.000	4.850	4953.89	0.0018	P	3.5
4	☐	250.000	254.390	261506.02	0.0932	P	1.3
5	☐	625.000	621.965	667088.94	0.2278	P	2.1
6	☐	1250.000	1264.006	1361445.05	0.4630	A	2.8
7	☐	2500.000	2547.311	2721272.87	0.9330	A	1.4
8	☐	5000.000	4973.003	5467184.19	1.8214	A	0.3
9	☐			2914.35	0.0010	P	2.7

$$y = 3.6625\text{E-}004 * x + 2.9376\text{E-}005$$

$$R = 0.9999$$

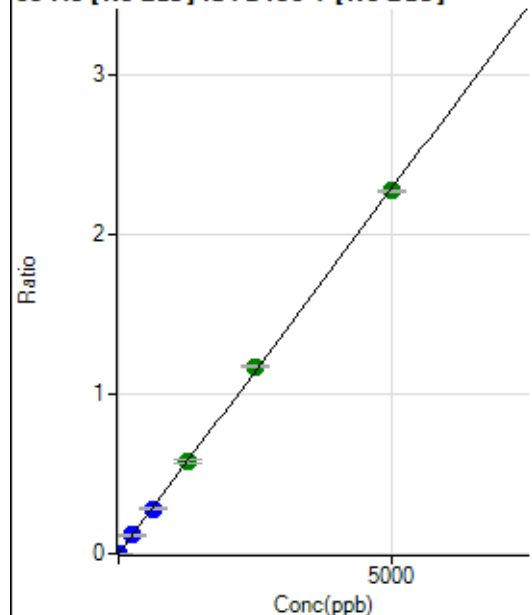
$$DL = 0.06383$$

$$BEC = 0.08021$$

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	15.1
2	☐	0.500					
3	☐	5.000	5.080	6457.39	0.0024	P	3.6
4	☐	250.000	250.867	321713.64	0.1147	P	1.0
5	☐	625.000	612.263	819156.74	0.2798	P	2.8
6	☐	1250.000	1264.651	1699292.55	0.5779	A	2.2
7	☐	2500.000	2557.714	3408697.08	1.1687	A	0.9
8	☐	5000.000	4969.029	6814802.84	2.2704	A	0.5
9	☐			4414.81	0.0015	P	3.9

$$y = 4.5691\text{E-}004 * x + 3.2398\text{E-}005$$

$$R = 0.9999$$

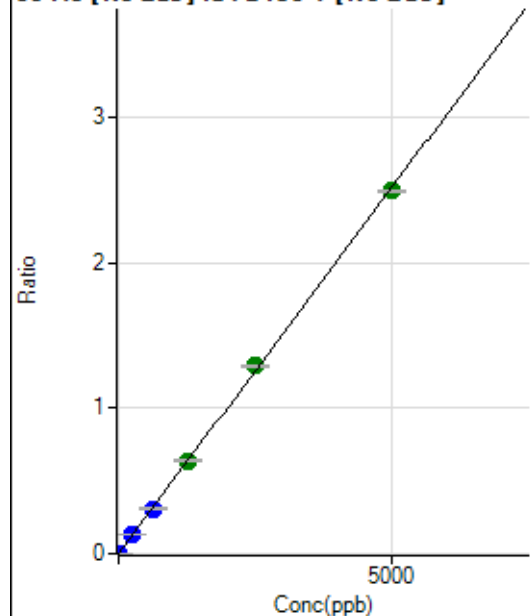
$$DL = 0.03218$$

$$BEC = 0.07091$$

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	72.23	0.0000	P	13.0
2	☐	0.500					
3	☐	5.000	5.084	7088.28	0.0026	P	3.6
4	☐	250.000	251.424	354865.14	0.1265	P	1.3
5	☐	625.000	614.839	905395.49	0.3092	P	2.8
6	☐	1250.000	1266.700	1873451.45	0.6371	A	2.1
7	☐	2500.000	2575.596	3778172.78	1.2953	A	1.0
8	☐	5000.000	4959.226	7486492.70	2.4941	A	0.4
9	☐			4890.02	0.0017	P	11.6

$$y = 5.0292\text{E-}004 * x + 2.6292\text{E-}005$$

$$R = 0.9998$$

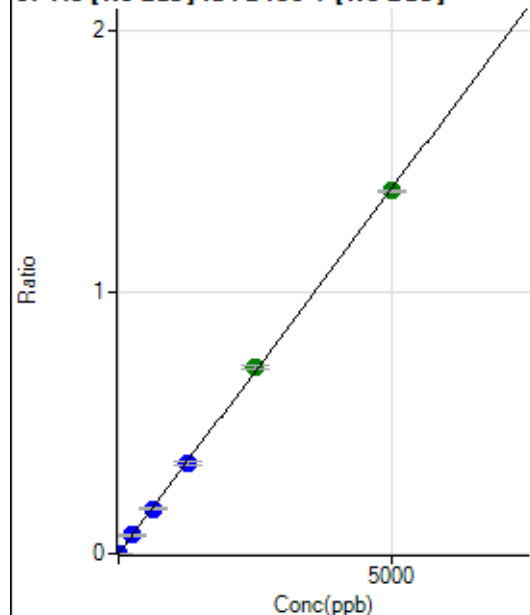
$$DL = 0.0204$$

$$BEC = 0.05228$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	27.0
2	☐	0.500					
3	☐	5.000	5.176	4006.31	0.0015	P	8.6
4	☐	250.000	250.963	196552.44	0.0700	P	1.1
5	☐	625.000	616.025	503249.30	0.1719	P	4.0
6	☐	1250.000	1238.420	1016248.00	0.3456	P	2.7
7	☐	2500.000	2560.874	2084399.50	0.7146	A	1.6
8	☐	5000.000	4973.532	4165948.75	1.3879	A	0.6
9	☐			2316.97	0.0008	P	6.5

$$y = 2.7906E-004 * x + 1.6133E-005$$

$$R = 0.9999$$

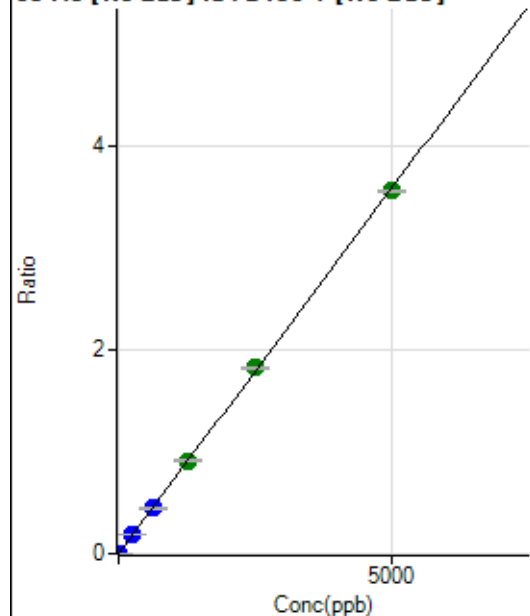
$$DL = 0.04683$$

$$BEC = 0.05781$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	13.7
2	☐	0.500					
3	☐	5.000	5.118	10168.19	0.0037	P	9.2
4	☐	250.000	251.481	505472.47	0.1801	P	0.4
5	☐	625.000	623.794	1308018.35	0.4468	P	3.0
6	☐	1250.000	1274.166	2683292.27	0.9125	A	2.8
7	☐	2500.000	2551.506	5329974.95	1.8273	A	0.8
8	☐	5000.000	4968.282	10680131.05	3.5581	A	0.3
9	☐			6465.75	0.0022	P	4.7

$$y = 7.1615E-004 * x + 4.2464E-005$$

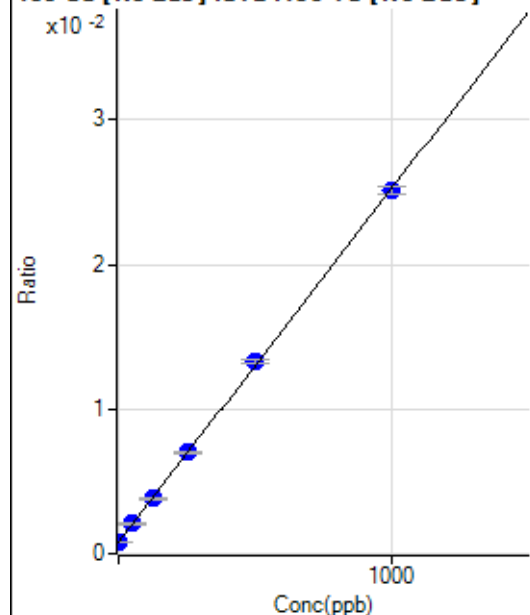
$$R = 0.9999$$

$$DL = 0.02438$$

$$BEC = 0.05929$$

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	2211.41	0.0008	P	7.5
2	☐	0.100					
3	☐	1.000	-0.978	2150.28	0.0008	P	7.3
4	☐	50.000	52.948	6021.05	0.0021	P	2.8
5	☐	125.000	123.505	11558.27	0.0038	P	5.0
6	☐	250.000	253.844	21506.92	0.0070	P	2.6
7	☐	500.000	510.299	40785.16	0.0133	P	1.8
8	☐	1000.000	993.931	77816.77	0.0251	P	2.0
9	☐			2483.68	0.0008	P	7.2

$$y = 2.4439\text{E-}005 * x + 7.9370\text{E-}004$$

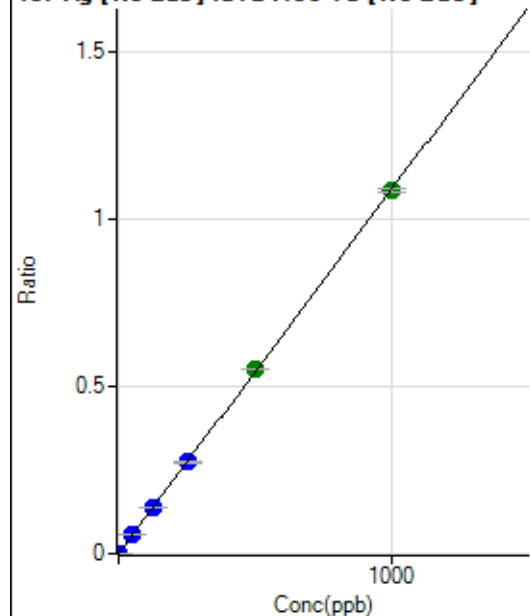
$$R = 0.9999$$

$$DL = 7.269$$

$$BEC = 32.48$$

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	122.23	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	1.070	3381.17	0.0012	P	4.5
4	☐	50.000	51.428	161779.27	0.0561	P	0.3
5	☐	125.000	125.864	416108.50	0.1372	P	2.9
6	☐	250.000	250.993	840754.85	0.2736	P	2.6
7	☐	500.000	506.633	1697718.16	0.5521	A	0.4
8	☐	1000.000	996.256	3368059.10	1.0857	A	1.0
9	☐			883.40	0.0003	P	11.7

$$y = 0.0011 * x + 4.3856\text{E-}005$$

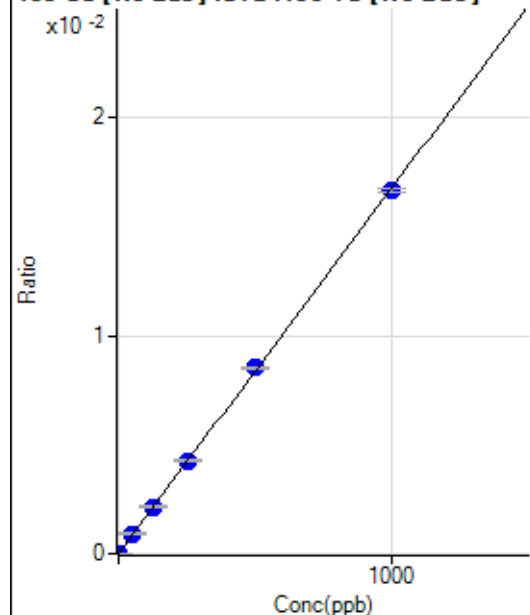
$$R = 1.0000$$

$$DL = 0.02061$$

$$BEC = 0.04025$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.28	0.0000	P	16.2
2	☐	0.100					
3	☐	1.000	1.541	87.50	0.0000	P	9.7
4	☐	50.000	53.945	2623.93	0.0009	P	5.1
5	☐	125.000	127.969	6523.99	0.0022	P	4.2
6	☐	250.000	255.080	13160.85	0.0043	P	3.2
7	☐	500.000	509.770	26298.22	0.0086	P	1.3
8	☐	1000.000	993.276	51678.18	0.0167	P	1.2
9	☐			30.56	0.0000	P	20.7

$$y = 1.6766\text{E-}005 * x + 5.4854\text{E-}006$$

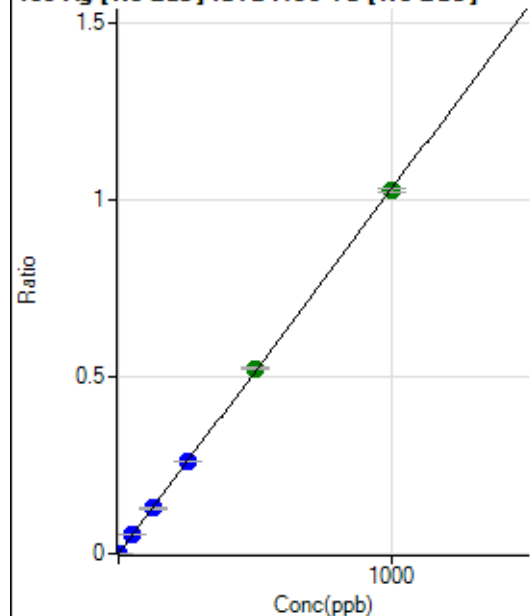
$$R = 0.9999$$

$$DL = 0.1589$$

$$BEC = 0.3272$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	14.3
2	☐	0.100					
3	☐	1.000	1.082	3203.31	0.0011	P	3.0
4	☐	50.000	52.164	155104.79	0.0538	P	1.5
5	☐	125.000	126.347	394809.61	0.1302	P	4.0
6	☐	250.000	253.932	804331.89	0.2617	P	1.4
7	☐	500.000	507.827	1608885.17	0.5232	A	0.9
8	☐	1000.000	994.827	3179912.42	1.0250	A	1.1
9	☐			833.40	0.0003	P	8.7

$$y = 0.0010 * x + 3.1897\text{E-}005$$

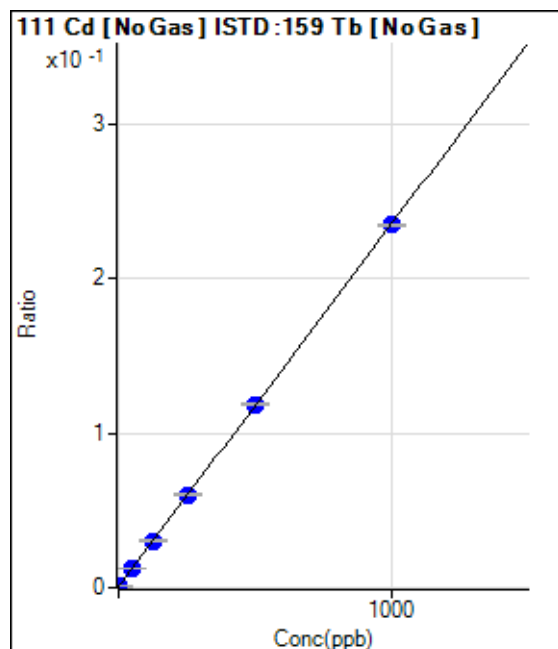
$$R = 0.9999$$

$$DL = 0.0133$$

$$BEC = 0.03096$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1584.51	0.0006	P	6.5
2	☐	0.100					
3	☐	1.000	0.815	2123.15	0.0008	P	7.6
4	☐	50.000	51.910	36808.44	0.0128	P	1.5
5	☐	125.000	125.734	91280.35	0.0301	P	4.1
6	☐	250.000	254.018	185147.48	0.0602	P	2.1
7	☐	500.000	502.387	364592.99	0.1186	P	0.9
8	☐	1000.000	997.615	728764.72	0.2349	P	0.7
9	☐			1821.36	0.0006	P	7.3

$$y = 2.3489\text{E-}004 * x + 5.6868\text{E-}004$$

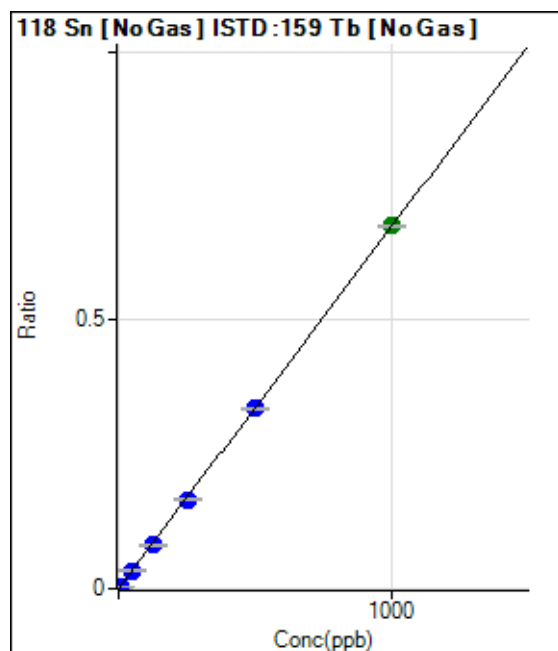
$$R = 1.0000$$

$$DL = 0.4753$$

$$BEC = 2.421$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.68	0.0001	P	27.5
2	☐	0.500					
3	☐	5.000	5.162	9873.53	0.0035	P	2.4
4	☐	50.000	50.330	98080.90	0.0340	P	0.9
5	☐	125.000	121.998	249674.43	0.0823	P	4.4
6	☐	250.000	246.599	511504.11	0.1664	P	1.7
7	☐	500.000	498.173	1033468.44	0.3361	P	1.1
8	☐	1000.000	1002.122	2097392.78	0.6761	A	0.4
9	☐			1564.06	0.0005	P	9.5

$$y = 6.7458\text{E-}004 * x + 5.0879\text{E-}005$$

$$R = 1.0000$$

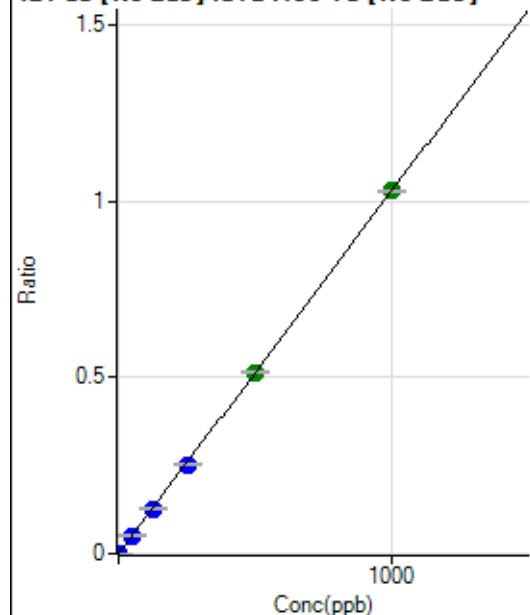
$$DL = 0.06212$$

$$BEC = 0.07542$$

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	22.22	0.0000	P	21.0
2	☐	0.200					
3	☐	2.000	1.841	5312.45	0.0019	P	3.8
4	☐	50.000	50.288	149184.77	0.0517	P	1.1
5	☐	125.000	123.142	384061.56	0.1266	P	3.3
6	☐	250.000	246.298	778511.56	0.2533	P	2.4
7	☐	500.000	500.847	1583697.41	0.5151	A	1.1
8	☐	1000.000	1000.720	3192621.79	1.0291	A	0.9
9	☐			3859.09	0.0013	P	3.5

$$y = 0.0010 * x + 7.9655E-006$$

$$R = 1.0000$$

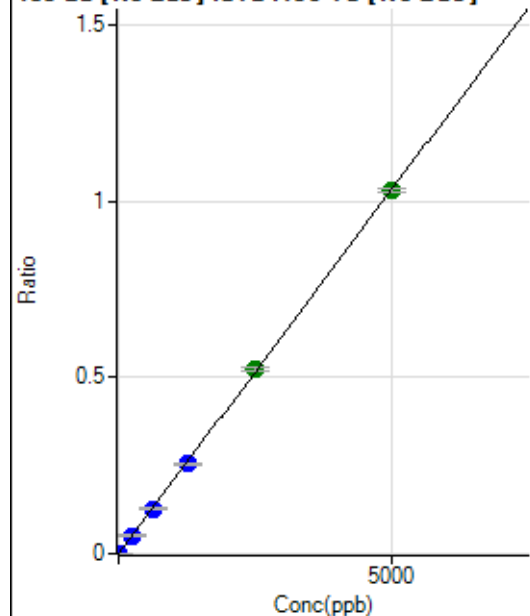
$$DL = 0.004884$$

$$BEC = 0.007746$$

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	69.45	0.0000	P	19.0
2	☐	1.000					
3	☐	10.000	9.892	5776.55	0.0021	P	6.3
4	☐	250.000	249.242	148466.91	0.0515	P	1.4
5	☐	625.000	613.020	383830.90	0.1266	P	3.0
6	☐	1250.000	1232.816	782217.56	0.2545	P	2.4
7	☐	2500.000	2539.401	1611667.19	0.5242	A	2.6
8	☐	5000.000	4986.131	3192922.32	1.0292	A	1.0
9	☐			700.05	0.0002	P	12.1

$$y = 2.0641E-004 * x + 2.4940E-005$$

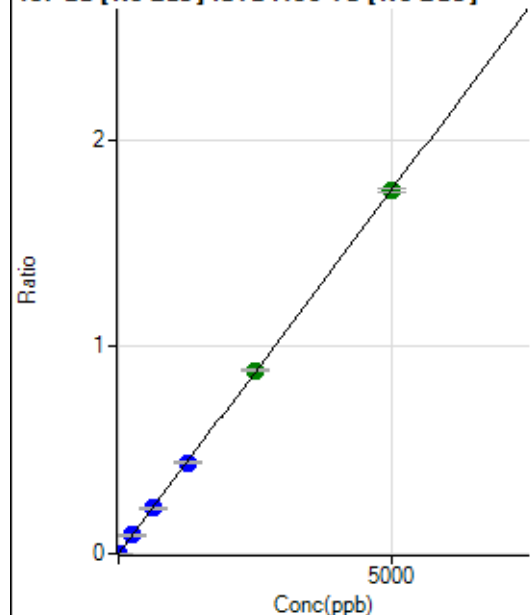
$$R = 0.9999$$

$$DL = 0.06904$$

$$BEC = 0.1208$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.11	0.0000	P	19.6
2	☐	1.000					
3	☐	10.000	10.309	10207.22	0.0037	P	2.0
4	☐	250.000	251.779	255245.10	0.0885	P	1.4
5	☐	625.000	622.295	663203.06	0.2187	P	2.9
6	☐	1250.000	1246.955	1346749.21	0.4381	P	2.0
7	☐	2500.000	2521.096	2723666.08	0.8858	A	1.5
8	☐	5000.000	4990.462	5439758.98	1.7534	A	1.0
9	☐			1225.11	0.0004	P	1.6

$$y = 3.5135E-004 * x + 3.0870E-005$$

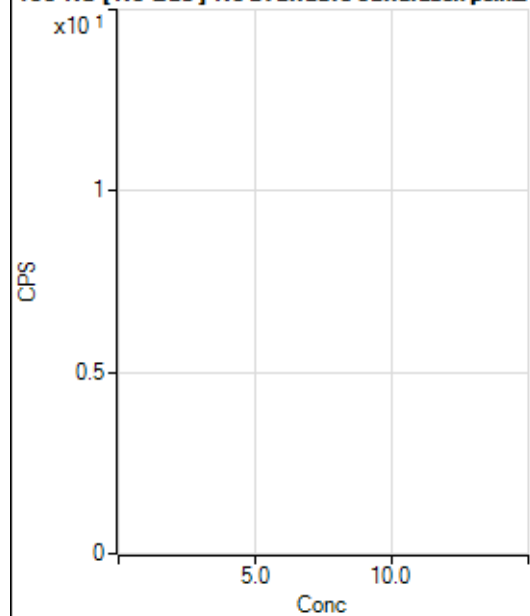
$$R = 1.0000$$

$$DL = 0.05155$$

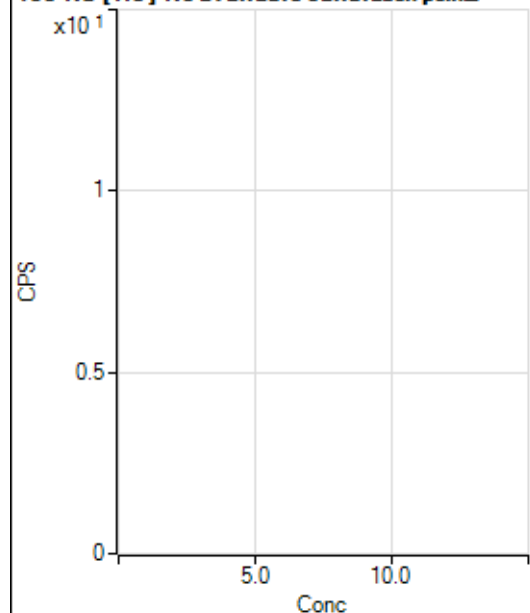
$$BEC = 0.08786$$

Weight: <None>

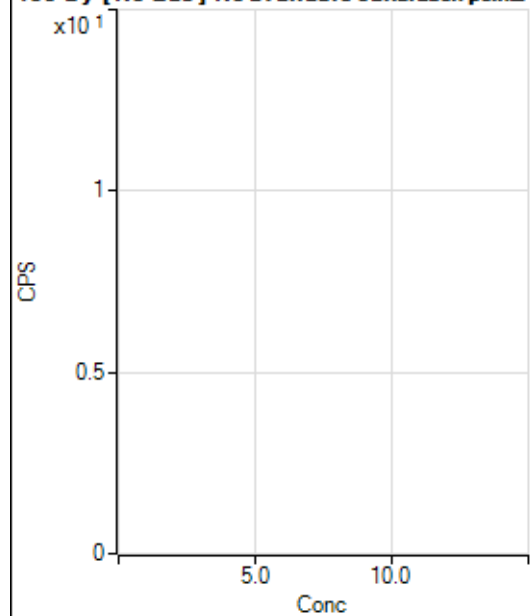
Min Conc: 0

150 Nd [No Gas] No available calibration points

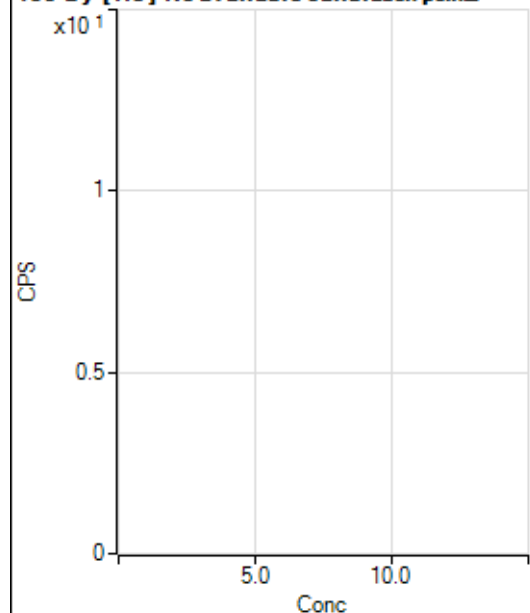
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			15.56		P	65.5
4	☐			15.56		P	99.0
5	☐			24.44		P	56.8
6	☐			13.33		P	50.0
7	☐			73.34		P	9.1
8	☐			135.56		P	15.8
9	☐			64.45		P	15.8

150 Nd [He] No available calibration points

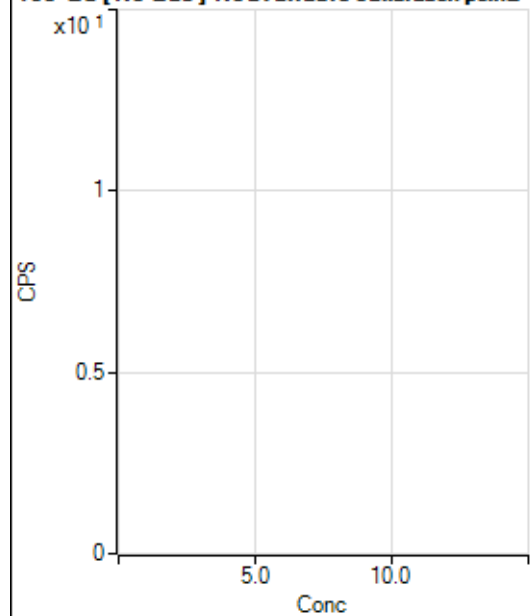
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			3.33		P	100.1
6	☐			3.33		P	100.1
7	☐			13.33		P	25.0
8	☐			6.67		P	100.0
9	☐			23.33		P	37.8

156 Dy [No Gas] No available calibration points

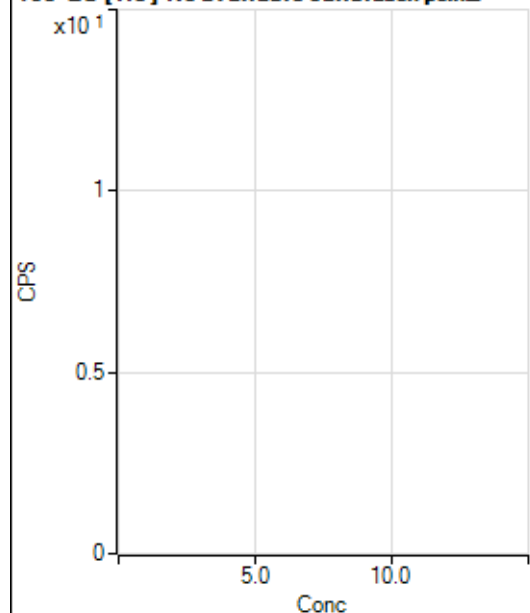
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐						
3	☐			0.00		P	
4	☐			8.33		P	100.0
5	☐			13.89		P	91.6
6	☐			36.11		P	74.2
7	☐			27.78		P	34.6
8	☐			66.67		P	33.1
9	☐			36.11		P	35.2

156 Dy [He] No available calibration points

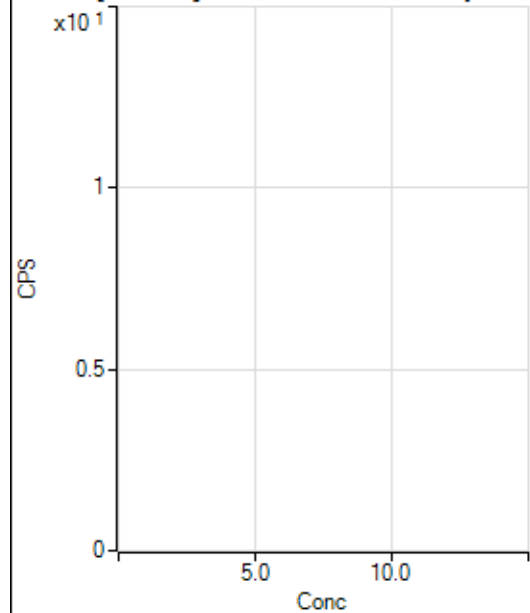
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			1.11		P	173.2
6	☐			1.11		P	173.2
7	☐			3.33		P	100.1
8	☐			15.56		P	32.7
9	☐			16.67		P	40.0

160 Gd [No Gas] Noavailable calibration poin_

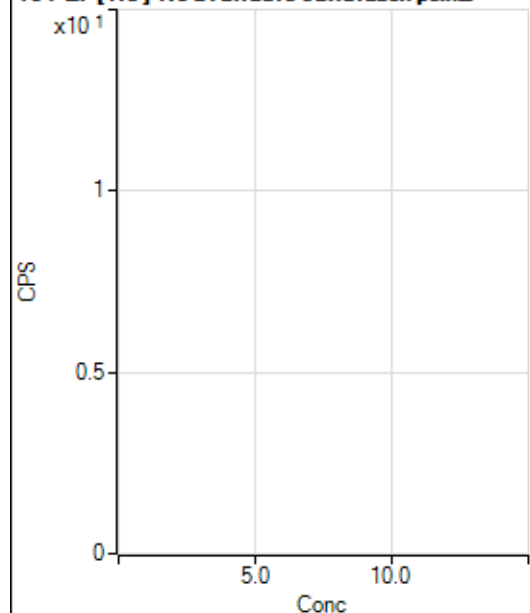
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	53.9
2	☐						
3	☐			44.45		P	47.2
4	☐			5.55		P	86.6
5	☐			22.22		P	43.3
6	☐			38.89		P	32.7
7	☐			13.89		P	91.6
8	☐			47.23		P	27.0
9	☐			58.34		P	14.3

160 Gd [He] No available calibration points

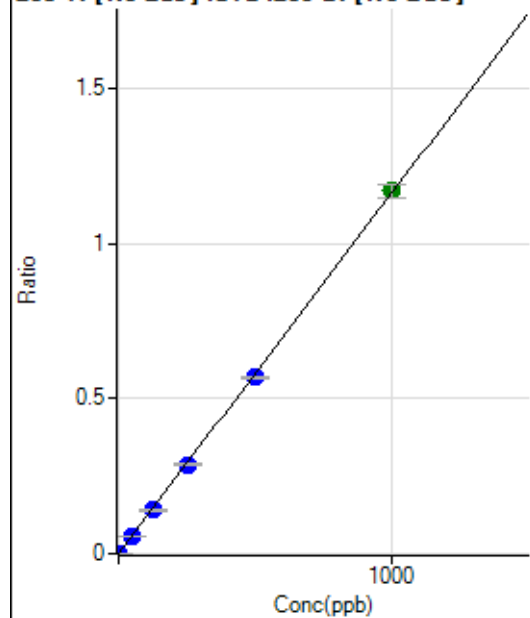
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐						
3	☐			7.78		P	107.8
4	☐			10.00		P	88.2
5	☐			14.44		P	35.3
6	☐			12.22		P	56.8
7	☐			12.22		P	41.7
8	☐			21.11		P	24.1
9	☐			23.33		P	37.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			8.33		P	100.0
4	☐			5.55		P	86.6
5	☐			25.00		P	33.3
6	☐			16.67		P	50.0
7	☐			30.56		P	41.7
8	☐			16.67		P	NaN
9	☐			27.78		P	45.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			8.89		P	43.3
4	☐			3.33		P	173.2
5	☐			7.78		P	24.7
6	☐			5.56		P	34.7
7	☐			7.78		P	89.2
8	☐			4.44		P	43.4
9	☐			10.00		P	115.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	130.56	0.0001	P	35.3
2	☐	0.100					
3	☐	1.000	0.955	1769.66	0.0012	P	4.9
4	☐	50.000	49.089	87183.14	0.0571	P	2.3
5	☐	125.000	121.009	227435.78	0.1406	P	2.5
6	☐	250.000	245.672	467769.91	0.2854	P	2.1
7	☐	500.000	489.551	930383.38	0.5687	P	0.7
8	☐	1000.000	1006.851	1907159.63	1.1695	A	3.4
9	☐			347.25	0.0002	P	7.5

$$y = 0.0012 * x + 8.8126E-005$$

$$R = 0.9999$$

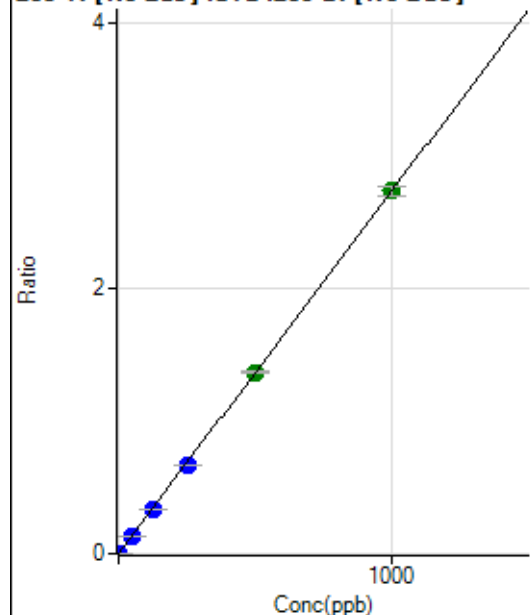
$$DL = 0.08045$$

$$BEC = 0.07588$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.57	0.0002	P	10.9
2	☐	0.100					
3	☐	1.000	0.964	4145.34	0.0028	P	3.1
4	☐	50.000	49.252	205616.52	0.1347	P	0.7
5	☐	125.000	121.687	537777.37	0.3325	P	1.5
6	☐	250.000	244.430	1094261.67	0.6677	P	1.3
7	☐	500.000	500.761	2237496.97	1.3676	A	1.0
8	☐	1000.000	1001.464	4460584.08	2.7349	A	2.4
9	☐			844.52	0.0006	P	14.4

$$y = 0.0027 * x + 1.7280E-004$$

$$R = 1.0000$$

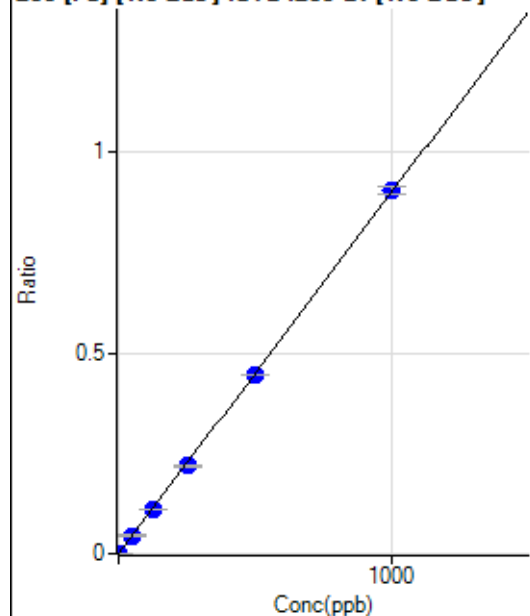
$$DL = 0.02061$$

$$BEC = 0.06328$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	311.12	0.0002	P	11.1
2	☐	0.100					
3	☐	1.000	0.940	1561.26	0.0011	P	5.3
4	☐	50.000	50.324	69449.29	0.0455	P	0.4
5	☐	125.000	122.304	178299.13	0.1102	P	2.1
6	☐	250.000	244.442	360764.74	0.2201	P	2.1
7	☐	500.000	494.641	728409.24	0.4452	P	0.5
8	☐	1000.000	1004.390	1474192.41	0.9038	P	2.0
9	☐			2939.33	0.0020	P	5.1

$$y = 8.9966E-004 * x + 2.1049E-004$$

$$R = 1.0000$$

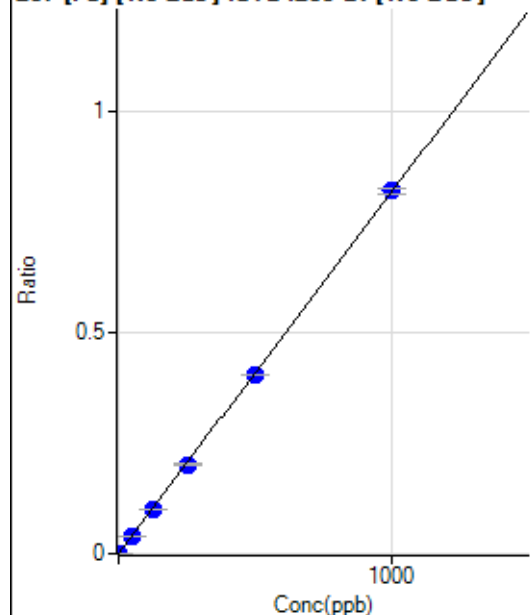
$$DL = 0.07781$$

$$BEC = 0.234$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	240.75	0.0002	P	13.3
2	☐	0.100					
3	☐	1.000	0.962	1401.98	0.0009	P	4.9
4	☐	50.000	49.740	62251.04	0.0408	P	1.7
5	☐	125.000	122.534	162063.86	0.1002	P	2.4
6	☐	250.000	246.386	329934.63	0.2013	P	1.6
7	☐	500.000	495.407	661980.30	0.4046	P	0.3
8	☐	1000.000	1003.521	1336621.50	0.8194	P	1.6
9	☐			2441.06	0.0016	P	1.2

$$y = 8.1639\text{E-}004 * x + 1.6294\text{E-}004$$

$$R = 1.0000$$

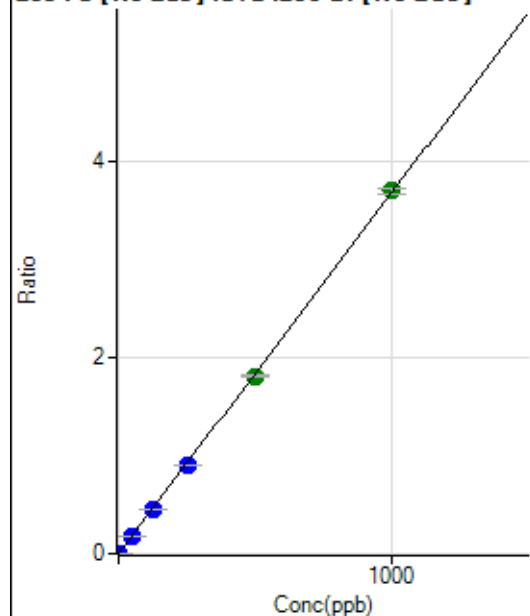
$$DL = 0.07954$$

$$BEC = 0.1996$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1137.09	0.0008	P	1.7
2	☐	0.100					
3	☐	1.000	0.950	6297.12	0.0043	P	3.7
4	☐	50.000	49.429	278446.82	0.1824	P	0.3
5	☐	125.000	121.833	725182.92	0.4484	P	2.2
6	☐	250.000	245.051	1476724.13	0.9011	P	2.0
7	☐	500.000	492.731	2962997.58	1.8110	A	0.2
8	☐	1000.000	1005.296	6025838.83	3.6941	A	1.3
9	☐			11382.00	0.0076	P	1.7

$$y = 0.0037 * x + 7.6917\text{E-}004$$

$$R = 0.9999$$

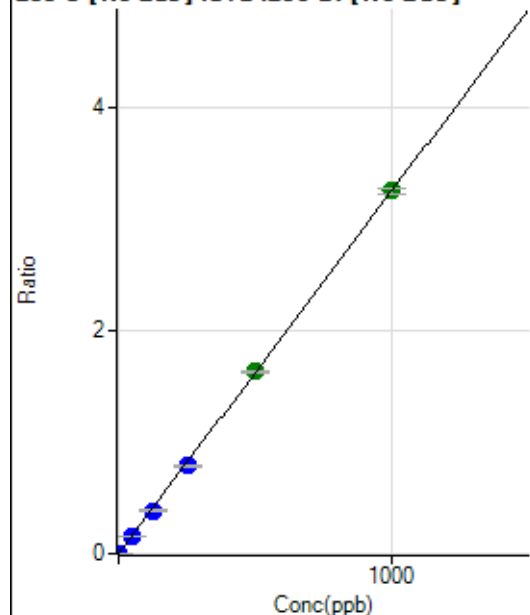
$$DL = 0.01045$$

$$BEC = 0.2094$$

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	366.69	0.0002	P	12.0
2	☐	0.100					
3	☐	1.000	0.893	4665.00	0.0032	P	3.0
4	☐	50.000	47.697	237503.89	0.1555	P	0.6
5	☐	125.000	118.812	626091.98	0.3871	P	2.0
6	☐	250.000	242.627	1295077.61	0.7902	P	2.0
7	☐	500.000	503.339	2681692.05	1.6391	A	1.2
8	☐	1000.000	1001.062	5317244.17	3.2597	A	1.8
9	☐			725.06	0.0005	P	9.2

$$y = 0.0033 * x + 2.4804E-004$$

$$R = 1.0000$$

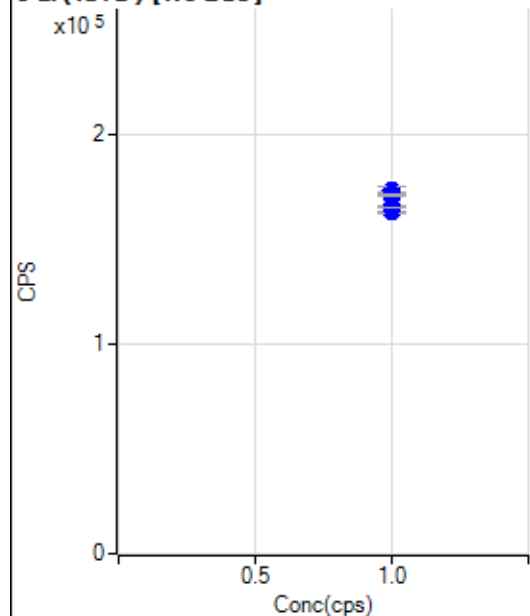
$$DL = 0.02749$$

$$BEC = 0.07618$$

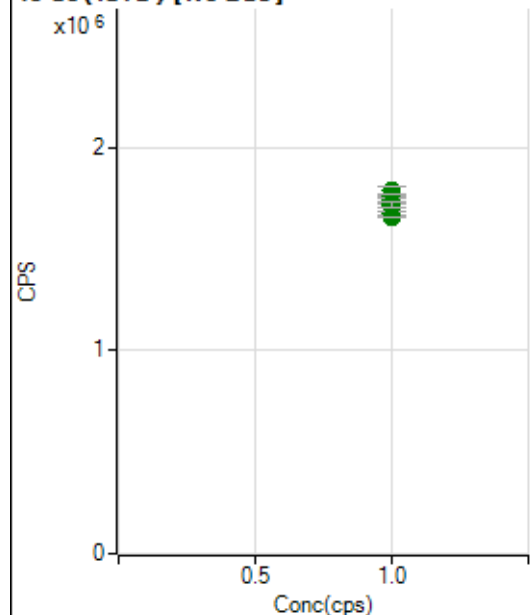
Weight: <None>

Min Conc: 0

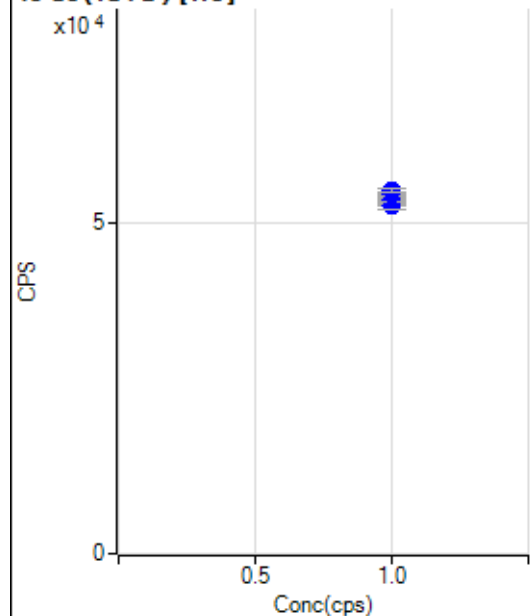
6 Li (ISTD) [No Gas]



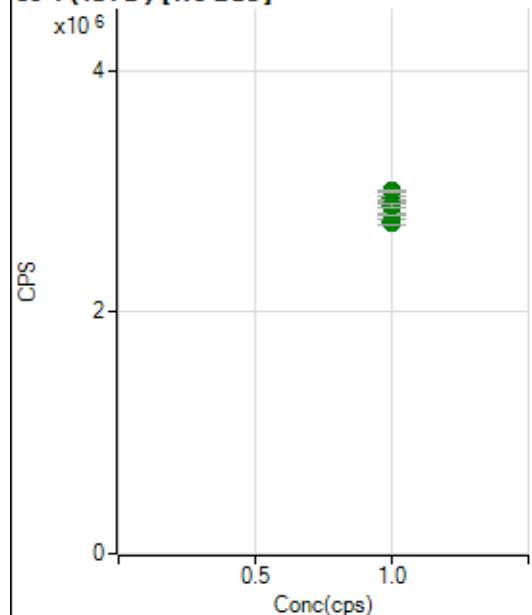
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		165197.52		P	0.6
2	☐	1.000					
3	☐	1.000		162594.31		P	0.4
4	☐	1.000		164533.83		P	0.1
5	☐	1.000		172801.98		P	2.0
6	☐	1.000		171234.24		P	1.5
7	☐	1.000		171674.69		P	0.5
8	☐	1.000		170769.11		P	1.0
9	☐	1.000		164836.58		P	0.2

45 Sc (ISTD) [No Gas]

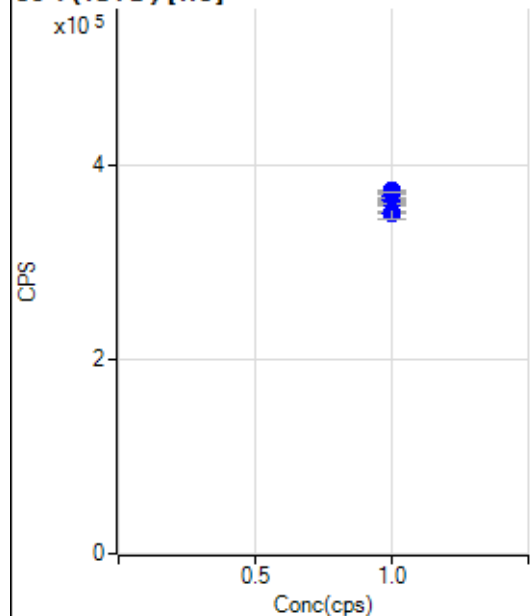
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1673690.44		A	1.0
2	☐	1.000					
3	☐	1.000		1655353.06		A	0.4
4	☐	1.000		1709103.40		A	1.0
5	☐	1.000		1785336.00		A	2.7
6	☐	1.000		1738729.60		A	2.3
7	☐	1.000		1742142.77		A	1.0
8	☐	1.000		1760862.11		A	1.3
9	☐	1.000		1718346.58		A	1.5

45 Sc (ISTD) [He]

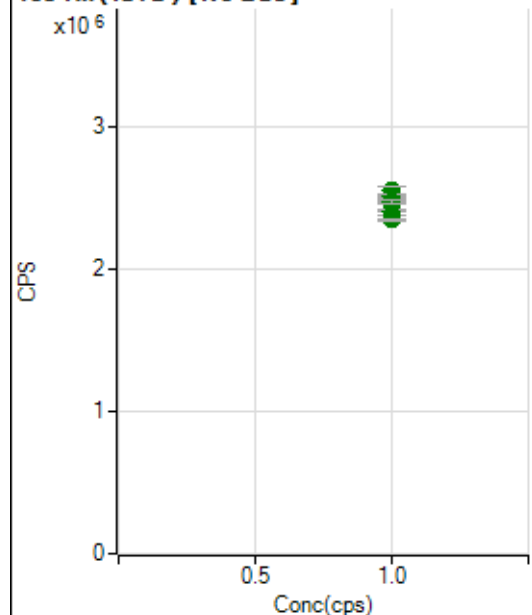
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		52884.84		P	0.3
2	☐	1.000					
3	☐	1.000		52783.95		P	2.6
4	☐	1.000		54090.49		P	1.1
5	☐	1.000		53649.93		P	1.0
6	☐	1.000		53705.58		P	0.9
7	☐	1.000		53730.13		P	1.5
8	☐	1.000		54487.41		P	1.0
9	☐	1.000		54950.41		P	1.2

89 Y (ISTD) [No Gas]

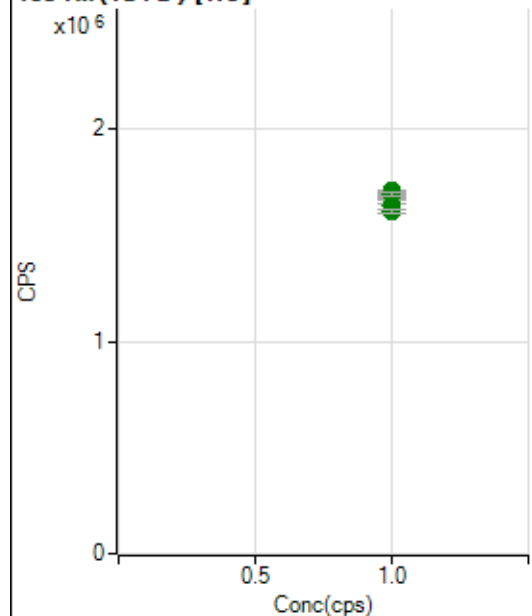
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2746731.52		A	1.8
2	☐	1.000					
3	☐	1.000		2744408.47		A	1.3
4	☐	1.000		2806028.92		A	0.8
5	☐	1.000		2928924.44		A	2.2
6	☐	1.000		2941298.22		A	1.7
7	☐	1.000		2916811.42		A	0.5
8	☐	1.000		3001625.06		A	0.6
9	☐	1.000		2878346.45		A	1.5

89 Y (ISTD) [He]

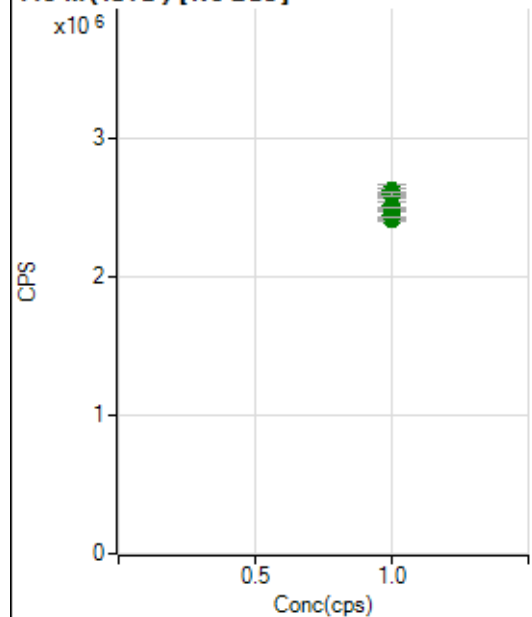
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		350869.44		P	0.4
2	☐	1.000					
3	☐	1.000		351020.19		P	3.7
4	☐	1.000		362197.73		P	0.6
5	☐	1.000		364134.32		P	1.1
6	☐	1.000		363441.91		P	1.7
7	☐	1.000		368049.91		P	0.7
8	☐	1.000		373347.26		P	0.1
9	☐	1.000		372205.17		P	0.3

103 Rh (ISTD) [No Gas]

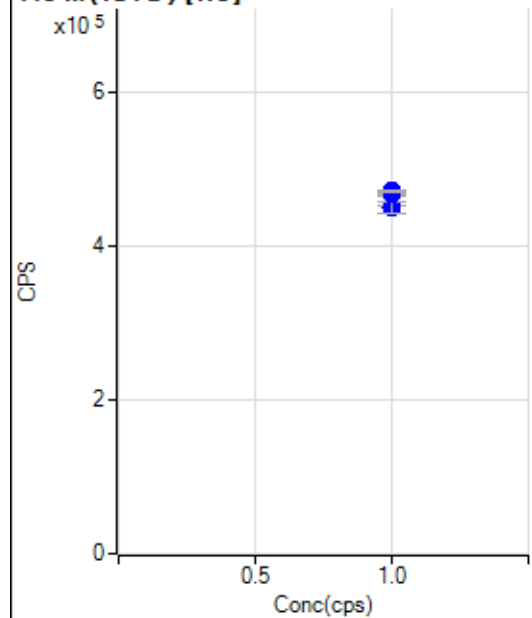
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2406848.23		A	0.4
2	☐	1.000					
3	☐	1.000		2397130.37		A	1.5
4	☐	1.000		2458366.01		A	0.3
5	☐	1.000		2544980.72		A	2.6
6	☐	1.000		2511013.95		A	1.2
7	☐	1.000		2467076.07		A	1.3
8	☐	1.000		2469448.89		A	0.8
9	☐	1.000		2345180.70		A	0.6

103 Rh (ISTD) [He]

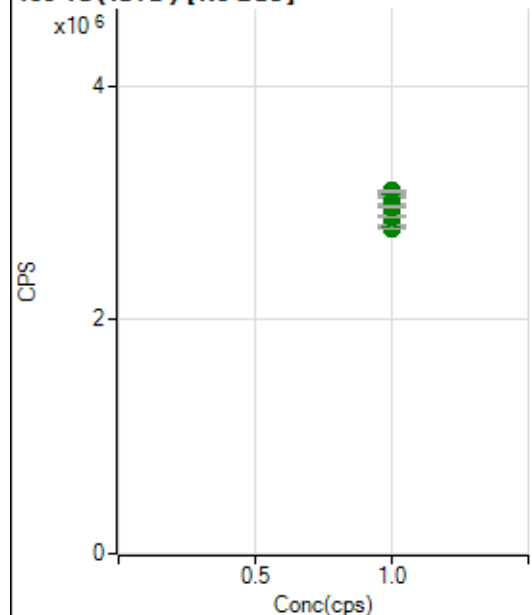
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1666752.25		A	1.5
2	☐	1.000					
3	☐	1.000		1645110.41		A	3.0
4	☐	1.000		1685445.20		A	0.7
5	☐	1.000		1702738.27		A	1.2
6	☐	1.000		1710648.69		A	0.5
7	☐	1.000		1682506.31		A	1.2
8	☐	1.000		1696217.68		A	0.9
9	☐	1.000		1611401.33		A	1.1

115 In (ISTD) [No Gas]

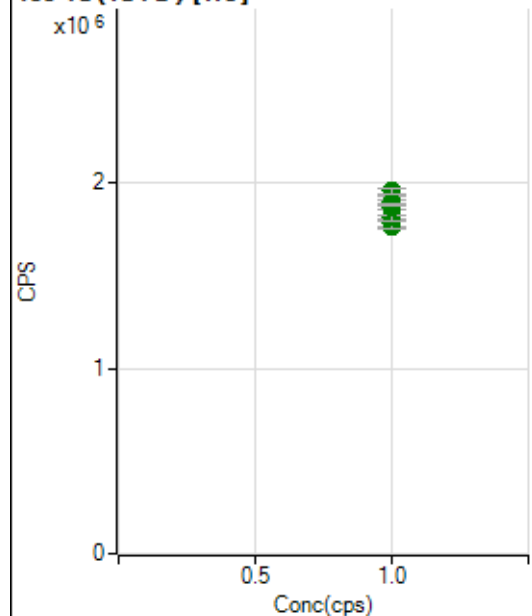
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2407399.82		A	0.3
2	☐	1.000					
3	☐	1.000		2443015.36		A	1.6
4	☐	1.000		2512537.40		A	2.1
5	☐	1.000		2615357.97		A	3.5
6	☐	1.000		2612419.16		A	1.5
7	☐	1.000		2585716.96		A	0.8
8	☐	1.000		2598152.74		A	1.0
9	☐	1.000		2494368.85		A	0.5

115 In (ISTD) [He]

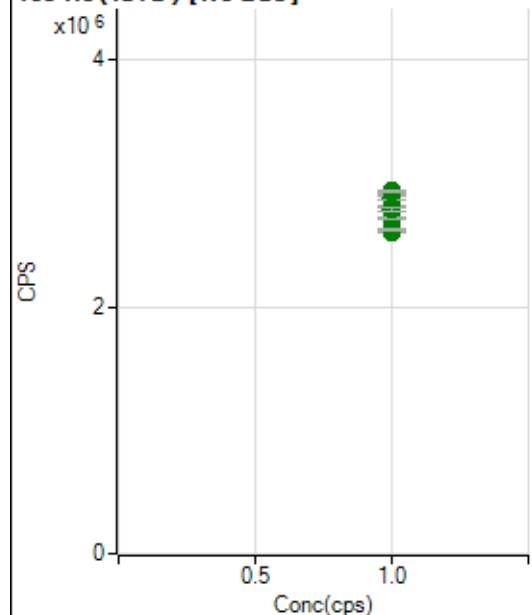
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		451681.44		P	0.3
2	☐	1.000					
3	☐	1.000		450147.80		P	3.3
4	☐	1.000		466426.85		P	0.9
5	☐	1.000		469205.57		P	1.2
6	☐	1.000		468569.66		P	0.5
7	☐	1.000		471455.71		P	0.6
8	☐	1.000		468783.96		P	0.8
9	☐	1.000		470431.71		P	0.5

159 Tb (ISTD) [No Gas]

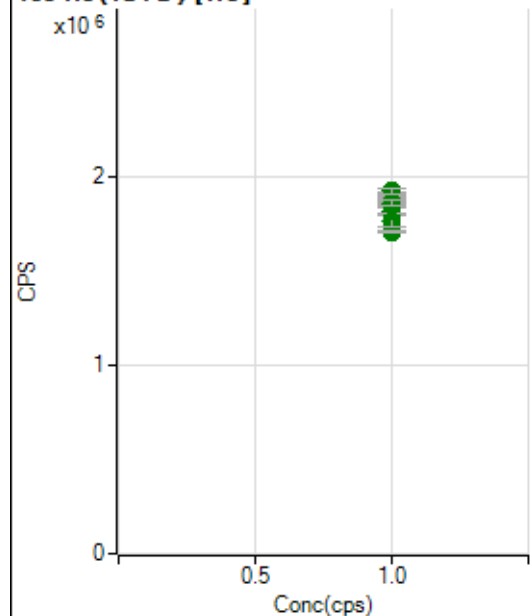
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2787070.41		A	0.7
2	☐	1.000					
3	☐	1.000		2794516.94		A	1.1
4	☐	1.000		2884489.26		A	0.8
5	☐	1.000		3034607.73		A	3.0
6	☐	1.000		3074587.42		A	2.1
7	☐	1.000		3074927.07		A	0.7
8	☐	1.000		3102362.31		A	0.7
9	☐	1.000		2963690.55		A	0.3

159 Tb (ISTD) [He]

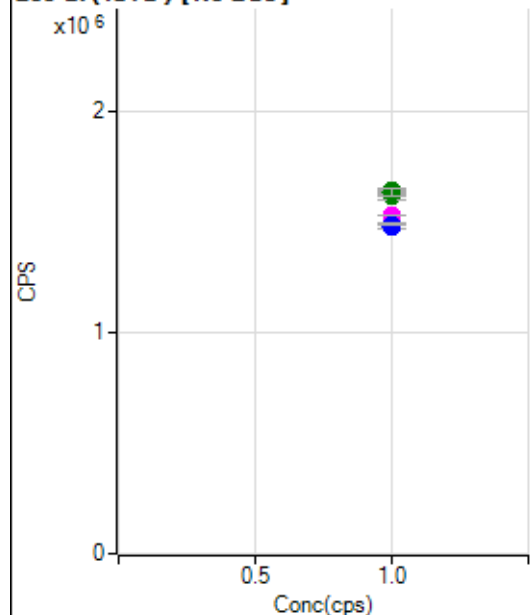
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1762832.68		A	0.5
2	☐	1.000					
3	☐	1.000		1778103.48		A	3.2
4	☐	1.000		1810289.14		A	1.6
5	☐	1.000		1870440.41		A	1.2
6	☐	1.000		1895309.56		A	1.0
7	☐	1.000		1927982.14		A	0.5
8	☐	1.000		1955956.52		A	1.4
9	☐	1.000		1879469.05		A	0.8

165 Ho (ISTD) [No Gas]

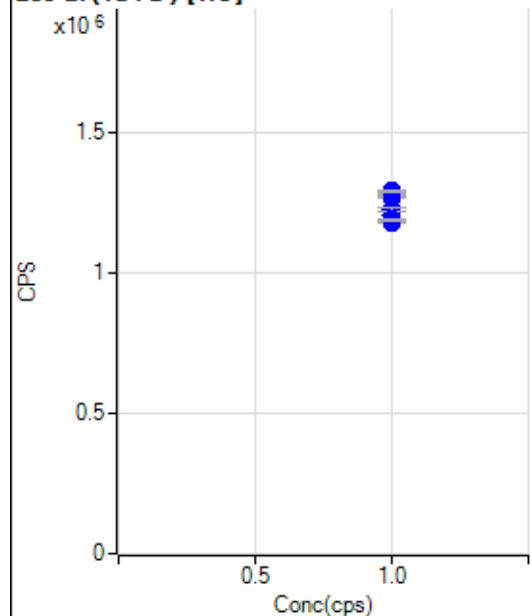
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2600325.56		A	0.5
2	☐	1.000					
3	☐	1.000		2625445.07		A	0.8
4	☐	1.000		2710057.72		A	0.6
5	☐	1.000		2862354.93		A	2.6
6	☐	1.000		2883273.02		A	1.5
7	☐	1.000		2925345.14		A	1.2
8	☐	1.000		2937558.07		A	0.6
9	☐	1.000		2781010.65		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1703806.21		A	0.8
2	☐	1.000					
3	☐	1.000		1765422.54		A	3.4
4	☐	1.000		1818636.66		A	1.4
5	☐	1.000		1841246.01		A	1.0
6	☐	1.000		1874077.00		A	1.2
7	☐	1.000		1906560.30		A	0.9
8	☐	1.000		1922313.95		A	1.3
9	☐	1.000		1854762.53		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1478370.83		P	0.9
2	☐	1.000					
3	☐	1.000		1478148.69		P	0.8
4	☐	1.000		1526863.50		M	0.2
5	☐	1.000		1617868.90		A	2.4
6	☐	1.000		1639136.07		A	1.4
7	☐	1.000		1636101.66		A	0.6
8	☐	1.000		1631502.53		A	2.1
9	☐	1.000		1488790.88		P	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1180676.79		P	0.6
2	☐	1.000					
3	☐	1.000		1203129.65		P	3.4
4	☐	1.000		1227744.39		P	0.9
5	☐	1.000		1269972.64		P	0.7
6	☐	1.000		1284357.52		P	0.9
7	☐	1.000		1293007.06		P	0.7
8	☐	1.000		1291534.54		P	0.6
9	☐	1.000		1190950.72		P	0.5

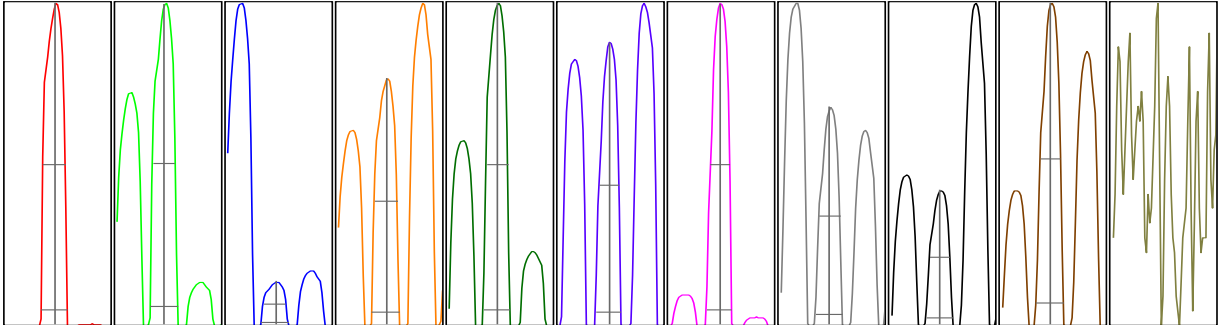
US EPA Tune Check Sample Report

Batch Folder D:\P8040919MM1.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	1590	2.60	5.00	
24	35954	2.35	5.00	
25	4917	2.59	5.00	
26	6168	1.62	5.00	
59	23071	2.30	5.00	
113	3060	2.00	5.00	
115	35592	0.83	5.00	
206	6279	1.72	5.00	
207	5679	1.54	5.00	
208	13538	1.48	5.00	
220	1	16.54		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	1545	1556	1589	1621	1642
24	34973	35444	35881	36289	37184
25	4749	4839	4936	4987	5076
26	6072	6098	6150	6198	6324
59	22377	22731	23232	23259	23758
113	2981	3022	3081	3078	3140
115	35133	35690	35506	35701	35928
206	6158	6180	6322	6319	6416
207	5592	5602	5682	5714	5806
208	13413	13364	13460	13590	13862
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	2677	8.95	8.9 - 9.1		0.740	0.900	
24	59240	23.90	23.9 - 24.1		0.782	0.900	
25	8064	24.95	24.9 - 25.1		0.775	0.900	
26	10205	25.95	25.9 - 26.1		0.784	0.900	
59	39954	58.95	58.9 - 59.1		0.774	0.900	
113	5587	113.00	112.9 - 113.1		0.731	0.900	
115	65713	115.00	114.9 - 115.1		0.725	0.900	
206	11371	205.95	205.9 - 206.1		0.773	0.900	
207	10211	206.95	206.9 - 207.1		0.772	0.900	
208	24315	207.95	207.9 - 208.1		0.782	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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.5	V	Deflect	14.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7593	1.61	
89	12040	0.96	
205	8241	0.92	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7387	7622	7677	7690	7586
89	11840	12100	12107	12110	12045
205	8178	8182	8358	8275	8212

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	12.5	V	Deflect	2.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:17:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.56	-0.34	-1.22	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.05	-0.01	-0.03	0.00	N/A	ppb
Barium	135-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Barium	137-1	-0.02	0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.05	0.02	0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.13	0.22	-0.09	0.00	N/A	ppb
Boron	10-1	-0.28	0.13	0.15	0.00	N/A	ppb
Cadmium	106-1	2.08	0.58	-2.66	0.00	N/A	ppb
Cadmium	108-1	0.03	0.03	-0.06	0.00	N/A	ppb
Cadmium	111-1	0.14	0.04	-0.17	0.00	N/A	ppb
Calcium	43-1	2.37	10.15	-12.52	0.00	N/A	ppb
Calcium	44-1	6.23	-0.37	-5.87	0.00	N/A	ppb
Chromium	52-2	-0.03	0.05	-0.02	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.04	-0.01	-0.03	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	-0.09	0.03	0.07	0.00	N/A	ppb
Iron	57-2	0.11	-0.57	0.46	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	0.03	-0.03	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	206-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.26	-0.51	0.77	0.00	N/A	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:17:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.00	-0.03	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.02	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-0.30	-21.06	-31.04	-17.47		ppb
Potassium	39-2	9.03	-9.77	0.74	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	0.65	-0.13	-0.51	0.00	N/A	ppb
Selenium	82-1	-0.84	0.77	0.07	0.00	N/A	ppb
Silicon	28-1	79.08	-50.23	-28.86	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sodium	23-2	1.04	4.08	-5.12	0.00	N/A	ppb
Strontium	86-1	0.11	-0.15	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-316.99	-504.25	-851.91	-557.72		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.02	-0.02	0.00	0.00	N/A	ppb
Titanium	47-1	-0.18	-0.52	0.70	0.00	N/A	ppb
Uranium	238-1	-0.01	0.00	0.01	0.00	N/A	ppb
Vanadium	51-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.06	-0.13	0.00	N/A	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:17:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	-0.02	0.03	0.00	N/A	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:24:54	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.41	19.92	17.82	18.39	7.33	ppb
Antimony	121-1	1.84	1.91	1.77	1.84	3.77	ppb
Arsenic	75-1	0.84	1.17	0.83	0.95	20.32	ppb
Barium	135-1	9.47	10.61	9.59	9.89	6.34	ppb
Barium	137-1	10.41	10.45	10.07	10.31	2.06	ppb
Beryllium	9-1	1.01	1.08	0.94	1.01	6.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	11-1	24.55	23.76	23.38	23.90	2.49	ppb
Boron	10-1	22.29	24.76	23.89	23.65	5.30	ppb
Cadmium	106-1	1.49	-3.07	-1.35	-0.98		ppb
Cadmium	108-1	1.56	1.71	1.35	1.54	11.74	ppb
Cadmium	111-1	1.06	0.57	0.81	0.81	30.13	ppb
Calcium	43-1	459.93	458.79	489.08	469.26	3.66	ppb
Calcium	44-1	483.78	488.94	483.41	485.38	0.64	ppb
Chromium	52-2	1.93	1.89	1.80	1.87	3.63	ppb
Cobalt	59-2	0.78	1.01	0.94	0.91	12.65	ppb
Copper	63-2	1.93	2.06	1.89	1.96	4.63	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				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	50.16	51.73	49.31	50.40	2.43	ppb
Iron	57-2	52.29	52.02	48.03	50.78	4.70	ppb
Krypton	83-1						cps
Lead	207-1	0.90	0.99	1.00	0.96	5.93	ppb
Lead	208-1	0.92	1.00	0.93	0.95	4.54	ppb
Lead	206-1	0.94	1.00	0.88	0.94	6.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	536.59	502.51	504.54	514.55	3.72	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:24:54	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	1.20	1.14	1.10	12.12	ppb
Molybdenum	94-1	4.94	4.96	4.65	4.85	3.59	ppb
Molybdenum	95-1	5.06	5.28	4.90	5.08	3.69	ppb
Molybdenum	96-1	5.27	5.08	4.90	5.08	3.67	ppb
Molybdenum	97-1	5.57	5.27	4.69	5.18	8.68	ppb
Molybdenum	98-1	5.37	5.41	4.57	5.12	9.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.03	0.95	1.00	4.05	ppb
Phosphorus	31-2	10.65	33.88	7.87	17.47	81.77	ppb
Potassium	39-2	466.08	485.23	468.86	473.39	2.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	4.90	2.41	11.43	6.25	74.56	ppb
Selenium	78-2	5.46	5.75	4.64	5.28	10.89	ppb
Selenium	82-1	5.09	6.44	5.41	5.65	12.44	ppb
Silicon	28-1	-49.16	64.16	-19.66	-1.55		ppb
Silver	109-1	1.09	1.04	1.11	1.08	3.12	ppb
Silver	107-1	1.13	1.03	1.05	1.07	4.65	ppb
Sodium	23-2	517.31	515.59	487.24	506.72	3.33	ppb
Strontium	86-1	1.10	0.93	0.97	1.00	8.96	ppb
Strontium	88-1	0.94	0.94	1.00	0.96	3.77	ppb
Sulfur	34-1	321.80	1067.49	283.87	557.72	79.23	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.91	1.01	0.94	0.95	5.26	ppb
Thallium	205-1	0.93	0.99	0.97	0.96	3.35	ppb
Tin	118-1	5.12	5.06	5.30	5.16	2.40	ppb
Titanium	47-1	5.15	6.41	5.05	5.54	13.74	ppb
Uranium	238-1	0.93	0.87	0.88	0.89	3.25	ppb
Vanadium	51-2	5.26	5.40	4.88	5.18	5.19	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1.58	1.18	1.21	1.32	16.82	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:24:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.88	0.93	0.92	3.20	ppb
Zirconium	91-1	0.91	0.80	0.91	0.87	7.62	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:28:50	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	953.16	959.78	963.13	958.69	0.53	ppb
Antimony	121-1	50.58	50.61	49.67	50.29	1.06	ppb
Arsenic	75-1	50.97	51.88	51.37	51.41	0.89	ppb
Barium	135-1	253.38	246.70	247.65	249.24	1.45	ppb
Barium	137-1	255.80	250.82	248.71	251.78	1.45	ppb
Beryllium	9-1	51.97	50.98	51.33	51.42	0.98	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	11-1	51.63	51.11	47.91	50.21	4.01	ppb
Boron	10-1	49.90	45.58	48.27	47.92	4.55	ppb
Cadmium	106-1	52.94	55.33	50.57	52.95	4.49	ppb
Cadmium	108-1	54.22	56.55	51.06	53.94	5.11	ppb
Cadmium	111-1	52.25	52.48	50.99	51.91	1.54	ppb
Calcium	43-1	5031.30	4927.56	4937.63	4965.50	1.15	ppb
Calcium	44-1	5134.15	5024.37	4981.60	5046.71	1.56	ppb
Chromium	52-2	50.24	50.39	50.08	50.24	0.30	ppb
Cobalt	59-2	49.22	50.73	50.53	50.16	1.64	ppb
Copper	63-2	101.98	102.24	102.47	102.23	0.24	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				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	2524.93	2575.20	2641.07	2580.40	2.26	ppb
Iron	57-2	2470.58	2428.58	2558.41	2485.86	2.67	ppb
Krypton	83-1						cps
Lead	207-1	50.69	49.02	49.51	49.74	1.72	ppb
Lead	208-1	49.61	49.35	49.33	49.43	0.31	ppb
Lead	206-1	50.39	50.09	50.49	50.32	0.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	5151.95	5273.84	5314.40	5246.73	1.61	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:28:50	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.24	100.70	101.83	101.59	0.78	ppb
Molybdenum	94-1	252.99	251.98	258.20	254.39	1.31	ppb
Molybdenum	95-1	250.24	248.85	253.51	250.87	0.95	ppb
Molybdenum	96-1	250.08	249.01	255.18	251.42	1.31	ppb
Molybdenum	97-1	248.01	253.31	251.57	250.96	1.08	ppb
Molybdenum	98-1	250.28	251.78	252.38	251.48	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.25	52.14	52.76	52.05	1.45	ppb
Phosphorus	31-2	987.98	1134.03	1205.04	1109.02	9.98	ppb
Potassium	39-2	2362.48	2433.69	2428.93	2408.37	1.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	78.90	43.56	32.32	51.59	47.11	ppb
Selenium	78-2	46.46	51.08	51.82	49.79	5.84	ppb
Selenium	82-1	49.56	49.24	53.50	50.77	4.67	ppb
Silicon	28-1	-98.82	-257.04	-225.97	-193.94		ppb
Silver	109-1	52.20	52.94	51.36	52.16	1.52	ppb
Silver	107-1	51.23	51.52	51.53	51.43	0.33	ppb
Sodium	23-2	5170.66	5250.40	5213.60	5211.55	0.77	ppb
Strontium	86-1	50.15	49.92	48.96	49.68	1.27	ppb
Strontium	88-1	49.90	50.19	50.38	50.15	0.48	ppb
Sulfur	34-1	806.47	-58.17	-118.25	210.02	246.37	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	48.15	48.80	50.32	49.09	2.27	ppb
Thallium	205-1	48.98	49.12	49.65	49.25	0.72	ppb
Tin	118-1	50.74	49.81	50.44	50.33	0.94	ppb
Titanium	47-1	249.28	247.57	245.45	247.43	0.77	ppb
Uranium	238-1	48.05	47.53	47.52	47.70	0.63	ppb
Vanadium	51-2	50.17	50.12	50.34	50.21	0.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	101.76	103.72	103.20	102.89	0.99	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:28:50	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.06	49.94	50.55	50.18	0.64	ppb
Zirconium	91-1	50.49	50.21	51.05	50.58	0.85	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:32:44	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2426.39	2481.64	2456.88	2454.97	1.13	ppb
Antimony	121-1	122.61	119.36	127.46	123.14	3.31	ppb
Arsenic	75-1	126.39	121.99	130.19	126.19	3.25	ppb
Barium	135-1	611.22	595.40	632.44	613.02	3.03	ppb
Barium	137-1	621.97	604.37	640.54	622.29	2.91	ppb
Beryllium	9-1	125.10	122.95	130.94	126.33	3.27	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Boron	11-1	123.55	120.08	127.22	123.62	2.89	ppb
Boron	10-1	123.21	118.89	133.99	125.36	6.20	ppb
Cadmium	106-1	119.32	118.69	132.51	123.51	6.32	ppb
Cadmium	108-1	133.13	122.45	128.32	127.97	4.18	ppb
Cadmium	111-1	123.68	121.76	131.76	125.73	4.22	ppb
Calcium	43-1	11850.80	11686.41	12482.43	12006.55	3.50	ppb
Calcium	44-1	12394.09	11947.06	12998.87	12446.67	4.24	ppb
Chromium	52-2	129.93	130.86	128.40	129.73	0.96	ppb
Cobalt	59-2	127.42	128.33	126.76	127.50	0.62	ppb
Copper	63-2	261.41	260.94	255.57	259.31	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	6487.93	6516.33	6450.70	6484.99	0.51	ppb
Iron	57-2	6543.31	6415.28	6283.49	6414.03	2.03	ppb
Krypton	83-1						cps
Lead	207-1	122.51	119.57	125.53	122.53	2.43	ppb
Lead	208-1	122.49	118.92	124.09	121.83	2.18	ppb
Lead	206-1	124.05	119.38	123.48	122.30	2.08	ppb
Lithium	6-1				105		%
Magnesium	24-2	13257.85	13414.49	12986.55	13219.63	1.64	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:32:44	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.34	259.84	254.57	256.58	1.11	ppb
Molybdenum	94-1	619.23	610.21	636.45	621.97	2.14	ppb
Molybdenum	95-1	606.96	598.22	631.62	612.26	2.83	ppb
Molybdenum	96-1	613.42	598.59	632.50	614.84	2.76	ppb
Molybdenum	97-1	620.35	589.34	638.39	616.03	4.03	ppb
Molybdenum	98-1	623.47	605.33	642.58	623.79	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.12	130.24	131.30	130.55	0.50	ppb
Phosphorus	31-2	2418.61	2683.76	2559.74	2554.04	5.19	ppb
Potassium	39-2	6224.82	6224.74	6052.89	6167.48	1.61	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	84.97	122.58	157.69	121.75	29.87	ppb
Selenium	78-2	128.18	125.96	130.20	128.11	1.66	ppb
Selenium	82-1	126.88	124.89	127.54	126.44	1.09	ppb
Silicon	28-1	-287.00	-559.62	-130.68	-325.77		ppb
Silver	109-1	126.77	121.13	131.14	126.35	3.97	ppb
Silver	107-1	125.86	122.27	129.46	125.86	2.85	ppb
Sodium	23-2	13371.00	13620.74	13069.51	13353.75	2.07	ppb
Strontium	86-1	122.72	119.43	125.69	122.61	2.56	ppb
Strontium	88-1	122.91	120.60	128.34	123.95	3.21	ppb
Sulfur	34-1	532.18	-1677.43	1022.49	-40.92		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	122.71	117.56	122.76	121.01	2.47	ppb
Thallium	205-1	122.44	119.65	122.97	121.69	1.47	ppb
Tin	118-1	121.77	116.71	127.51	122.00	4.43	ppb
Titanium	47-1	603.44	589.96	625.02	606.14	2.92	ppb
Uranium	238-1	119.85	116.12	120.46	118.81	1.98	ppb
Vanadium	51-2	128.57	129.51	126.14	128.07	1.36	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	263.17	265.96	258.23	262.45	1.49	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:32:44	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	122.71	119.83	126.36	122.97	2.66	ppb
Zirconium	91-1	123.30	118.84	128.16	123.44	3.78	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:36:36	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4905.09	4806.27	4849.18	4853.51	1.02	ppb
Antimony	121-1	240.57	252.25	246.07	246.30	2.37	ppb
Arsenic	75-1	247.49	253.41	250.89	250.60	1.18	ppb
Barium	135-1	1209.98	1265.43	1223.04	1232.82	2.35	ppb
Barium	137-1	1225.81	1274.94	1240.12	1246.95	2.03	ppb
Beryllium	9-1	247.85	256.64	250.24	251.58	1.81	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	11-1	243.08	257.11	252.93	251.04	2.87	ppb
Boron	10-1	252.81	259.01	252.42	254.75	1.45	ppb
Cadmium	106-1	245.34	259.06	257.14	253.84	2.93	ppb
Cadmium	108-1	251.22	264.47	249.55	255.08	3.20	ppb
Cadmium	111-1	250.24	260.21	251.60	254.02	2.13	ppb
Calcium	43-1	24514.96	25465.03	24795.29	24925.09	1.96	ppb
Calcium	44-1	24634.01	25626.28	25196.86	25152.38	1.98	ppb
Chromium	52-2	253.80	249.38	253.94	252.37	1.03	ppb
Cobalt	59-2	250.52	247.13	250.60	249.42	0.80	ppb
Copper	63-2	505.33	500.54	515.05	506.98	1.46	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				111		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	12622.39	12492.75	12530.65	12548.60	0.53	ppb
Iron	57-2	12526.48	12561.02	12649.48	12578.99	0.50	ppb
Krypton	83-1						cps
Lead	207-1	243.00	250.89	245.26	246.39	1.65	ppb
Lead	208-1	240.84	250.31	244.01	245.05	1.97	ppb
Lead	206-1	240.87	250.46	242.00	244.44	2.14	ppb
Lithium	6-1				104		%
Magnesium	24-2	25728.79	25602.70	25713.02	25681.50	0.27	ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 18:36:36 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	505.18	500.39	507.05	504.21	0.68	ppb
Molybdenum	94-1	1249.89	1304.47	1237.65	1264.01	2.81	ppb
Molybdenum	95-1	1244.77	1296.92	1252.27	1264.65	2.23	ppb
Molybdenum	96-1	1247.74	1296.43	1255.93	1266.70	2.06	ppb
Molybdenum	97-1	1212.40	1275.57	1227.29	1238.42	2.67	ppb
Molybdenum	98-1	1245.30	1313.52	1263.68	1274.17	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.98	254.87	258.16	256.67	0.65	ppb
Phosphorus	31-2	4728.42	5025.73	4637.23	4797.12	4.24	ppb
Potassium	39-2	12131.37	11924.29	12056.87	12037.51	0.87	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	275.35	279.17	259.76	271.43	3.79	ppb
Selenium	78-2	245.19	258.12	252.67	251.99	2.58	ppb
Selenium	82-1	251.25	256.91	253.36	253.84	1.13	ppb
Silicon	28-1	-128.81	335.04	75.64	93.96	247.41	ppb
Silver	109-1	250.32	257.15	254.33	253.93	1.35	ppb
Silver	107-1	244.80	258.01	250.16	250.99	2.65	ppb
Sodium	23-2	26404.84	25861.95	25754.50	26007.10	1.34	ppb
Strontium	86-1	244.36	252.12	248.55	248.34	1.56	ppb
Strontium	88-1	248.58	261.81	257.14	255.84	2.62	ppb
Sulfur	34-1	2489.16	4609.94	2899.32	3332.81	33.75	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	241.80	251.63	243.58	245.67	2.13	ppb
Thallium	205-1	241.62	247.96	243.70	244.43	1.32	ppb
Tin	118-1	243.73	251.54	244.54	246.60	1.74	ppb
Titanium	47-1	1218.20	1271.19	1238.64	1242.68	2.15	ppb
Uranium	238-1	237.54	247.27	243.07	242.63	2.01	ppb
Vanadium	51-2	250.87	251.16	247.73	249.92	0.76	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	515.75	507.04	513.01	511.93	0.87	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:36:36	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	245.50	251.73	249.77	249.00	1.28	ppb
Zirconium	91-1	246.24	253.70	248.75	249.56	1.52	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:40:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9523.37	9542.13	9598.02	9554.51	0.41	ppb
Antimony	121-1	498.88	507.21	496.45	500.85	1.13	ppb
Arsenic	75-1	512.68	506.88	511.50	510.35	0.60	ppb
Barium	135-1	2502.96	2614.31	2500.93	2539.40	2.55	ppb
Barium	137-1	2483.65	2559.34	2520.30	2521.10	1.50	ppb
Beryllium	9-1	501.88	501.98	508.51	504.12	0.75	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	11-1	494.13	497.63	509.02	500.26	1.56	ppb
Boron	10-1	490.37	501.63	514.36	502.12	2.39	ppb
Cadmium	106-1	504.71	521.56	504.63	510.30	1.91	ppb
Cadmium	108-1	517.21	504.55	507.56	509.77	1.30	ppb
Cadmium	111-1	500.79	507.75	498.63	502.39	0.95	ppb
Calcium	43-1	49134.74	50002.32	49453.09	49530.05	0.89	ppb
Calcium	44-1	49054.50	49556.87	48997.67	49203.01	0.63	ppb
Chromium	52-2	501.59	510.11	506.21	505.97	0.84	ppb
Cobalt	59-2	495.30	499.32	502.57	499.06	0.73	ppb
Copper	63-2	996.69	1024.84	1022.58	1014.70	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	24970.94	25540.67	25101.09	25204.23	1.18	ppb
Iron	57-2	25082.32	25766.30	25187.81	25345.48	1.45	ppb
Krypton	83-1						cps
Lead	207-1	494.26	496.74	495.22	495.41	0.25	ppb
Lead	208-1	491.99	492.35	493.86	492.73	0.20	ppb
Lead	206-1	494.22	497.38	492.33	494.64	0.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	51738.44	52296.94	51016.86	51684.08	1.24	ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 18:40:24 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.13	1019.22	1005.62	1009.66	0.82	ppb
Molybdenum	94-1	2544.92	2513.29	2583.73	2547.31	1.38	ppb
Molybdenum	95-1	2572.51	2531.83	2568.80	2557.71	0.88	ppb
Molybdenum	96-1	2588.18	2545.80	2592.80	2575.60	1.01	ppb
Molybdenum	97-1	2566.97	2517.35	2598.29	2560.87	1.59	ppb
Molybdenum	98-1	2532.63	2547.04	2574.84	2551.51	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.44	515.51	512.20	510.38	1.22	ppb
Phosphorus	31-2	10047.72	11172.19	9850.93	10356.95	6.88	ppb
Potassium	39-2	23984.11	24368.10	24249.30	24200.50	0.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	491.36	440.98	534.10	488.81	9.54	ppb
Selenium	78-2	505.23	470.10	514.61	496.65	4.72	ppb
Selenium	82-1	507.88	502.23	512.65	507.59	1.03	ppb
Silicon	28-1	337.51	573.00	496.48	468.99	25.61	ppb
Silver	109-1	510.25	510.84	502.39	507.83	0.93	ppb
Silver	107-1	505.04	509.18	505.69	506.63	0.44	ppb
Sodium	23-2	50489.26	51902.88	51118.75	51170.30	1.38	ppb
Strontium	86-1	512.74	508.30	514.25	511.76	0.60	ppb
Strontium	88-1	514.89	504.13	520.24	513.09	1.60	ppb
Sulfur	34-1	8744.26	9538.73	8533.49	8938.83	5.93	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	486.22	493.33	489.10	489.55	0.73	ppb
Thallium	205-1	501.61	505.17	495.50	500.76	0.98	ppb
Tin	118-1	498.55	503.21	492.76	498.17	1.05	ppb
Titanium	47-1	2496.02	2531.10	2515.93	2514.35	0.70	ppb
Uranium	238-1	510.03	502.22	497.77	503.34	1.23	ppb
Vanadium	51-2	503.32	509.38	509.74	507.48	0.71	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	1001.83	1028.29	1028.14	1019.42	1.49	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:40:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.65	501.75	510.98	507.12	0.95	ppb
Zirconium	91-1	506.00	499.13	502.66	502.60	0.68	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:44:06	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18411.08	18570.37	18628.07	18536.51	0.61	ppb
Antimony	121-1	1000.03	1009.68	992.45	1000.72	0.86	ppb
Arsenic	75-1	996.26	986.81	1000.30	994.45	0.70	ppb
Barium	135-1	5001.40	5029.10	4927.90	4986.13	1.05	ppb
Barium	137-1	4962.25	5048.26	4960.88	4990.46	1.00	ppb
Beryllium	9-1	1003.79	979.79	1008.34	997.31	1.54	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	11-1	987.08	994.86	1017.46	999.80	1.58	ppb
Boron	10-1	974.83	976.34	1042.37	997.84	3.86	ppb
Cadmium	106-1	1013.06	972.89	995.84	993.93	2.03	ppb
Cadmium	108-1	1007.11	985.88	986.84	993.28	1.21	ppb
Cadmium	111-1	991.52	995.52	1005.80	997.61	0.74	ppb
Calcium	43-1	99595.86	97576.15	98067.86	98413.29	1.07	ppb
Calcium	44-1	98862.56	97917.45	98300.27	98360.09	0.48	ppb
Chromium	52-2	984.58	992.19	1010.68	995.82	1.35	ppb
Cobalt	59-2	1006.80	994.19	999.90	1000.30	0.63	ppb
Copper	63-2	1976.86	1984.14	2007.89	1989.63	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	49381.71	48760.14	49943.06	49361.64	1.20	ppb
Iron	57-2	49444.91	49088.83	49680.77	49404.84	0.60	ppb
Krypton	83-1						cps
Lead	207-1	1016.50	1008.55	985.52	1003.52	1.60	ppb
Lead	208-1	1018.92	1004.37	992.60	1005.30	1.31	ppb
Lead	206-1	1025.63	1000.58	986.96	1004.39	1.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	98438.56	98321.32	99854.31	98871.40	0.86	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:44:06	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1975.21	1990.73	2013.71	1993.22	0.97	ppb
Molybdenum	94-1	4969.09	4988.23	4961.69	4973.00	0.28	ppb
Molybdenum	95-1	4994.78	4944.74	4967.56	4969.03	0.50	ppb
Molybdenum	96-1	4940.98	4958.49	4978.21	4959.23	0.38	ppb
Molybdenum	97-1	4967.19	4947.15	5006.25	4973.53	0.60	ppb
Molybdenum	98-1	4969.51	4982.85	4952.49	4968.28	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.91	987.57	999.55	992.34	0.64	ppb
Phosphorus	31-2	20023.67	19805.33	19751.12	19860.04	0.73	ppb
Potassium	39-2	47863.39	47221.70	48303.30	47796.13	1.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	1073.88	916.13	1011.66	1000.56	7.94	ppb
Selenium	78-2	1008.95	1005.09	988.35	1000.80	1.09	ppb
Selenium	82-1	992.15	995.94	996.99	995.03	0.26	ppb
Silicon	28-1	1161.52	1117.84	1090.16	1123.17	3.20	ppb
Silver	109-1	999.23	982.05	1003.20	994.83	1.13	ppb
Silver	107-1	997.38	1005.78	985.60	996.26	1.02	ppb
Sodium	23-2	98889.05	97721.67	99495.25	98701.99	0.91	ppb
Strontium	86-1	995.06	990.66	998.83	994.85	0.41	ppb
Strontium	88-1	998.56	987.36	990.43	992.12	0.58	ppb
Sulfur	34-1	22151.77	21378.50	20383.22	21304.50	4.16	ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	1045.98	992.68	981.89	1006.85	3.41	ppb
Thallium	205-1	1028.30	995.39	980.70	1001.46	2.43	ppb
Tin	118-1	1003.99	997.79	1004.58	1002.12	0.38	ppb
Titanium	47-1	5039.78	4941.17	5010.48	4997.14	1.01	ppb
Uranium	238-1	1007.06	1015.35	980.78	1001.06	1.80	ppb
Vanadium	51-2	990.10	990.41	1007.14	995.88	0.98	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	1979.39	1968.56	2008.87	1985.60	1.05	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:44:06	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1003.00	990.83	996.96	996.93	0.61	ppb
Zirconium	91-1	1002.60	997.64	996.69	998.98	0.32	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:47:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99762.94	101476.58	99798.82	100346.11	0.98	ppb
Antimony	121-1	1.31	1.25	1.22	1.26	3.49	ppb
Arsenic	75-1	1.60	1.54	1.42	1.52	6.13	ppb
Barium	135-1	1.17	1.00	0.90	1.02	13.58	ppb
Barium	137-1	1.07	1.11	1.09	1.09	1.72	ppb
Beryllium	9-1	0.18	0.12	0.18	0.16	22.17	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	11-1	17.71	16.09	15.44	16.42	7.11	ppb
Boron	10-1	17.46	20.52	15.29	17.75	14.79	ppb
Cadmium	106-1	-0.16	4.59	1.02	1.82	136.05	ppb
Cadmium	108-1	0.43	0.18	0.26	0.29	44.26	ppb
Cadmium	111-1	0.04	0.41	0.14	0.20	98.14	ppb
Calcium	43-1	498681.21	509827.89	492633.29	500380.79	1.74	ppb
Calcium	44-1	496231.44	510492.33	494479.06	500400.94	1.76	ppb
Chromium	52-2	7.18	7.45	7.26	7.30	1.86	ppb
Cobalt	59-2	11.35	11.49	11.49	11.44	0.71	ppb
Copper	63-2	3.77	3.92	3.75	3.81	2.46	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				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	249540.29	253154.05	247600.07	250098.14	1.13	ppb
Iron	57-2	247214.94	254660.77	248354.02	250076.58	1.60	ppb
Krypton	83-1						cps
Lead	207-1	1.81	1.78	1.83	1.81	1.32	ppb
Lead	208-1	1.89	1.89	1.83	1.87	1.88	ppb
Lead	206-1	2.06	1.98	1.84	1.96	5.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	498434.97	502760.81	498812.52	500002.76	0.48	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:47:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.33	7.87	7.59	7.60	3.56	ppb
Molybdenum	94-1	2.76	2.61	2.69	2.68	2.82	ppb
Molybdenum	95-1	3.14	3.39	3.32	3.28	3.94	ppb
Molybdenum	96-1	3.77	3.18	3.03	3.33	11.79	ppb
Molybdenum	97-1	2.69	2.75	3.04	2.83	6.62	ppb
Molybdenum	98-1	3.25	2.99	3.00	3.08	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.43	13.01	12.51	12.65	2.51	ppb
Phosphorus	31-2	-23.64	-32.49	-53.34	-36.49		ppb
Potassium	39-2	250526.25	251657.39	249457.00	250546.88	0.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	0.00	2.24	0.00	0.75	173.21	ppb
Selenium	78-2	1.63	1.99	1.25	1.62	22.78	ppb
Selenium	82-1	-0.52	-1.04	0.10	-0.48		ppb
Silicon	28-1	111.59	214.99	-37.83	96.25	132.06	ppb
Silver	109-1	0.27	0.23	0.22	0.24	9.83	ppb
Silver	107-1	0.25	0.25	0.20	0.23	13.77	ppb
Sodium	23-2	498317.97	506744.95	495143.33	500068.75	1.20	ppb
Strontium	86-1	4.69	4.18	4.16	4.34	7.00	ppb
Strontium	88-1	4.49	4.32	4.24	4.35	2.87	ppb
Sulfur	34-1	-6732.06	-5461.17	-5969.83	-6054.35		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.11	0.14	0.12	12.13	ppb
Thallium	205-1	0.17	0.14	0.11	0.14	20.68	ppb
Tin	118-1	0.72	0.77	0.63	0.71	10.52	ppb
Titanium	47-1	1.48	0.98	1.10	1.19	22.14	ppb
Uranium	238-1	0.08	0.08	0.06	0.07	18.84	ppb
Vanadium	51-2	0.19	0.24	0.16	0.20	21.45	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	16.71	17.20	17.21	17.04	1.68	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:47:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.29	0.30	0.30	5.14	ppb
Zirconium	91-1	0.38	0.38	0.30	0.35	13.39	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	521.87	474.90	498.11	498.29	4.71	ppb
Antimony	121-1	188.42	192.70	190.52	190.55	1.12	ppb
Arsenic	75-1	193.34	200.65	194.89	196.29	1.96	ppb
Barium	135-1	94.35	98.71	96.51	96.52	2.26	ppb
Barium	137-1	97.75	101.58	97.08	98.81	2.46	ppb
Beryllium	9-1	92.53	92.46	91.75	92.25	0.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	11-1	496.63	514.75	536.23	515.87	3.84	ppb
Boron	10-1	518.01	513.89	517.06	516.32	0.42	ppb
Cadmium	106-1	145.98	152.29	143.36	147.21	3.12	ppb
Cadmium	108-1	140.89	137.69	135.41	137.99	1.99	ppb
Cadmium	111-1	101.67	103.87	103.01	102.85	1.08	ppb
Calcium	43-1	2126.38	2130.39	2177.61	2144.79	1.33	ppb
Calcium	44-1	2060.09	2007.62	2069.97	2045.90	1.64	ppb
Chromium	52-2	96.92	97.07	96.85	96.95	0.11	ppb
Cobalt	59-2	97.51	97.34	96.84	97.23	0.36	ppb
Copper	63-2	99.04	99.52	97.74	98.77	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	982.56	967.26	970.43	973.42	0.83	ppb
Iron	57-2	991.55	940.63	954.61	962.26	2.73	ppb
Krypton	83-1						cps
Lead	207-1	194.26	190.39	194.89	193.18	1.26	ppb
Lead	208-1	195.54	193.13	196.74	195.14	0.94	ppb
Lead	206-1	200.54	198.98	202.52	200.68	0.88	ppb
Lithium	6-1				106		%
Magnesium	24-2	1211.44	1211.30	1193.62	1205.45	0.85	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.49	93.61	94.52	94.87	1.55	ppb
Molybdenum	94-1	2476.76	2560.75	2495.46	2510.99	1.76	ppb
Molybdenum	95-1	2539.59	2604.66	2550.07	2564.77	1.36	ppb
Molybdenum	96-1	2574.43	2577.43	2526.84	2559.57	1.11	ppb
Molybdenum	97-1	2564.73	2641.17	2548.36	2584.75	1.92	ppb
Molybdenum	98-1	2527.72	2600.46	2539.13	2555.77	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.35	100.87	99.84	100.69	0.77	ppb
Phosphorus	31-2	-19.36	-51.34	-83.02	-51.24		ppb
Potassium	39-2	1907.88	1950.77	1904.71	1921.12	1.34	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	188.67	242.12	179.38	203.39	16.65	ppb
Selenium	78-2	211.50	211.70	204.84	209.35	1.86	ppb
Selenium	82-1	191.65	196.25	191.81	193.24	1.35	ppb
Silicon	28-1	167.09	-43.62	330.40	151.29	123.94	ppb
Silver	109-1	99.33	101.61	99.50	100.15	1.27	ppb
Silver	107-1	100.96	102.16	100.99	101.37	0.68	ppb
Sodium	23-2	2101.18	2066.99	2030.18	2066.12	1.72	ppb
Strontium	86-1	479.58	485.94	478.34	481.29	0.85	ppb
Strontium	88-1	485.77	489.52	478.07	484.45	1.20	ppb
Sulfur	34-1	-2082.79	-4761.90	-2734.75	-3193.15		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	195.30	194.34	199.39	196.34	1.37	ppb
Thallium	205-1	196.87	195.98	199.44	197.43	0.91	ppb
Tin	118-1	458.66	475.98	467.26	467.30	1.85	ppb
Titanium	47-1	2458.98	2441.52	2476.23	2458.91	0.71	ppb
Uranium	238-1	471.24	473.04	480.16	474.81	0.99	ppb
Vanadium	51-2	97.54	97.55	94.92	96.67	1.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	198.39	195.22	194.00	195.87	1.16	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	485.45	492.10	476.43	484.66	1.62	ppb
Zirconium	91-1	471.14	485.38	482.82	479.78	1.58	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:35:24	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.92	16.51	17.83	18.09	9.51	ppb
Antimony	121-1	2.01	2.01	1.78	1.93	6.74	ppb
Arsenic	75-1	1.04	0.71	0.95	0.90	19.22	ppb
Barium	135-1	10.03	10.04	9.74	9.94	1.71	ppb
Barium	137-1	9.92	10.08	10.27	10.09	1.70	ppb
Beryllium	9-1	0.96	0.97	0.84	0.92	7.73	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	11-1	27.17	24.51	26.31	25.99	5.22	ppb
Boron	10-1	24.65	25.21	24.31	24.72	1.84	ppb
Cadmium	106-1	1.97	1.99	2.30	2.09	8.85	ppb
Cadmium	108-1	1.21	0.59	0.96	0.92	34.32	ppb
Cadmium	111-1	0.95	1.07	1.17	1.06	10.35	ppb
Calcium	43-1	494.59	443.82	479.37	472.60	5.51	ppb
Calcium	44-1	478.82	454.36	458.88	464.02	2.80	ppb
Chromium	52-2	1.85	2.02	1.83	1.90	5.62	ppb
Cobalt	59-2	0.91	0.82	0.78	0.84	7.95	ppb
Copper	63-2	1.76	1.96	1.79	1.84	5.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	50.06	51.59	49.72	50.46	1.97	ppb
Iron	57-2	52.94	52.72	46.19	50.62	7.58	ppb
Krypton	83-1						cps
Lead	207-1	0.89	0.95	0.94	0.93	3.28	ppb
Lead	208-1	0.90	0.87	0.88	0.88	2.21	ppb
Lead	206-1	0.98	0.82	0.94	0.92	9.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	529.15	522.70	506.53	519.46	2.24	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:35:24	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	0.98	1.09	1.00	7.30	ppb
Molybdenum	94-1	5.25	4.82	5.02	5.03	4.26	ppb
Molybdenum	95-1	4.87	4.90	4.81	4.86	0.90	ppb
Molybdenum	96-1	4.96	5.30	4.77	5.01	5.36	ppb
Molybdenum	97-1	4.76	5.14	4.92	4.94	3.80	ppb
Molybdenum	98-1	5.37	4.93	5.25	5.18	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.10	0.79	0.93	16.72	ppb
Phosphorus	31-2	7.74	0.39	36.91	15.01	128.69	ppb
Potassium	39-2	424.80	452.61	423.53	433.65	3.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	4.70	2.39	11.67	6.25	77.27	ppb
Selenium	78-2	4.81	6.84	8.54	6.73	27.78	ppb
Selenium	82-1	4.74	5.29	3.35	4.46	22.37	ppb
Silicon	28-1	-164.71	-367.81	-270.85	-267.79		ppb
Silver	109-1	1.13	1.10	1.21	1.14	4.90	ppb
Silver	107-1	1.11	1.04	1.12	1.09	3.97	ppb
Sodium	23-2	516.15	531.74	509.40	519.09	2.21	ppb
Strontium	86-1	0.89	0.81	0.83	0.84	5.22	ppb
Strontium	88-1	1.01	1.00	0.92	0.98	5.14	ppb
Sulfur	34-1	-2002.74	-3086.67	-2297.13	-2462.18		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.92	0.84	0.93	0.89	5.66	ppb
Thallium	205-1	0.83	0.92	0.87	0.87	5.65	ppb
Tin	118-1	5.08	5.10	5.48	5.22	4.27	ppb
Titanium	47-1	5.52	5.31	4.25	5.03	13.47	ppb
Uranium	238-1	0.90	0.80	0.72	0.81	11.08	ppb
Vanadium	51-2	4.91	4.80	4.82	4.85	1.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	2.25	2.00	2.07	2.11	6.25	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:35:24	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.96	0.90	0.92	3.67	ppb
Zirconium	91-1	0.94	1.01	0.85	0.93	8.89	ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 19:38:56 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	-0.24	-0.01	-0.28		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	58.26	ppb
Arsenic	75-1	-0.12	-0.09	-0.16	-0.12		ppb
Barium	135-1	-0.11	-0.08	-0.10	-0.10		ppb
Barium	137-1	-0.06	-0.06	-0.07	-0.06		ppb
Beryllium	9-1	-0.03	-0.05	-0.02	-0.03		ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Boron	11-1	1.03	1.30	0.70	1.01	29.87	ppb
Boron	10-1	2.43	1.02	0.68	1.37	67.65	ppb
Cadmium	106-1	0.73	-1.61	0.73	-0.05		ppb
Cadmium	108-1	-0.17	-0.33	-0.09	-0.20		ppb
Cadmium	111-1	-0.01	-0.16	-0.01	-0.06		ppb
Calcium	43-1	-63.36	-71.82	-83.65	-72.94		ppb
Calcium	44-1	-61.48	-59.09	-65.16	-61.91		ppb
Chromium	52-2	-0.27	-0.24	-0.25	-0.25		ppb
Cobalt	59-2	-0.09	-0.09	-0.10	-0.09		ppb
Copper	63-2	-0.06	-0.14	-0.06	-0.08		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				115		%
Holmium	165-2				111		%
Indium	115-1				117		%
Indium	115-2				111		%
Iron	56-2	0.01	0.11	0.13	0.08	75.29	ppb
Iron	57-2	-0.03	2.36	0.17	0.83	159.12	ppb
Krypton	83-1						cps
Lead	207-1	-0.09	-0.06	-0.10	-0.08		ppb
Lead	208-1	-0.09	-0.06	-0.07	-0.07		ppb
Lead	206-1	-0.09	-0.05	-0.08	-0.08		ppb
Lithium	6-1				117		%
Magnesium	24-2	0.01	-0.05	-0.35	-0.13		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:38:56	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.03	-0.04	-0.04		ppb
Molybdenum	94-1	-0.02	-0.02	0.03	-0.01		ppb
Molybdenum	95-1	-0.05	-0.04	0.00	-0.03		ppb
Molybdenum	96-1	-0.03	0.02	0.00	-0.01		ppb
Molybdenum	97-1	-0.04	-0.01	0.00	-0.02		ppb
Molybdenum	98-1	-0.03	-0.01	0.00	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.09	-0.07		ppb
Phosphorus	31-2	-64.09	-46.08	-29.38	-46.52		ppb
Potassium	39-2	-21.43	-52.52	-50.90	-41.62		ppb
Rhodium	103-1				115		%
Rhodium	103-2				111		%
Scandium	45-1				118		%
Scandium	45-2				112		%
Selenium	77-2	2.16	0.00	0.00	0.72	173.21	ppb
Selenium	78-2	0.82	-0.28	0.07	0.20	273.53	ppb
Selenium	82-1	-0.88	0.49	-0.99	-0.46		ppb
Silicon	28-1	-1384.32	-1362.91	-1548.04	-1431.76		ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.18	ppb
Silver	107-1	0.01	0.02	0.01	0.01	56.29	ppb
Sodium	23-2	4.58	2.60	-3.62	1.19	360.01	ppb
Strontium	86-1	-0.11	-0.32	-0.07	-0.17		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	190.82	ppb
Sulfur	34-1	-9649.06	-8596.90	-9791.65	-9345.87		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	-0.07	-0.05	-0.05	-0.06		ppb
Thallium	205-1	-0.04	-0.04	-0.05	-0.04		ppb
Tin	118-1	-0.02	-0.04	-0.01	-0.02		ppb
Titanium	47-1	-2.06	-2.38	-2.48	-2.30		ppb
Uranium	238-1	-0.07	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.04	-0.06	-0.06	-0.05		ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	-0.49	-0.40	-0.38	-0.42		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:38:56	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.04	-0.04	-0.05	-0.02		ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 19:42:28 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88796.74	90381.61	89692.17	89623.51	0.89	ppb
Antimony	121-1	1.23	1.24	1.21	1.23	1.04	ppb
Arsenic	75-1	1.89	1.92	2.03	1.95	3.68	ppb
Barium	135-1	1.34	1.33	1.29	1.32	1.78	ppb
Barium	137-1	1.48	1.52	1.23	1.41	11.28	ppb
Beryllium	9-1	0.29	0.25	0.16	0.23	28.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	11-1	2.14	2.07	2.38	2.20	7.56	ppb
Boron	10-1	2.06	0.46	3.28	1.93	73.36	ppb
Cadmium	106-1	1.01	-1.44	-2.37	-0.93		ppb
Cadmium	108-1	8.02	8.59	9.03	8.55	5.92	ppb
Cadmium	111-1	0.40	0.12	0.06	0.19	95.56	ppb
Calcium	43-1	97470.04	97481.64	98013.76	97655.15	0.32	ppb
Calcium	44-1	97288.76	98236.81	98006.08	97843.88	0.51	ppb
Chromium	52-2	20.33	20.86	20.83	20.67	1.46	ppb
Cobalt	59-2	1.08	1.01	1.07	1.05	3.75	ppb
Copper	63-2	8.39	8.58	8.63	8.53	1.46	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				111		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	99358.38	101207.55	98913.63	99826.52	1.22	ppb
Iron	57-2	101774.88	103308.24	102249.99	102444.37	0.77	ppb
Krypton	83-1						cps
Lead	207-1	4.06	3.99	4.27	4.11	3.54	ppb
Lead	208-1	4.40	4.25	4.36	4.34	1.74	ppb
Lead	206-1	4.77	4.89	4.83	4.83	1.28	ppb
Lithium	6-1				106		%
Magnesium	24-2	102696.45	103754.77	103684.74	103378.65	0.57	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:42:28	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.55	7.68	8.37	7.86	5.59	ppb
Molybdenum	94-1	1404.73	1401.25	1435.25	1413.74	1.32	ppb
Molybdenum	95-1	1981.95	1999.06	2014.94	1998.65	0.83	ppb
Molybdenum	96-1	1946.29	1916.05	1935.24	1932.52	0.79	ppb
Molybdenum	97-1	2050.55	1985.79	2063.78	2033.37	2.05	ppb
Molybdenum	98-1	1992.07	1984.69	2030.71	2002.49	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.87	5.48	5.31	5.22	6.03	ppb
Phosphorus	31-2	103021.18	103100.31	102991.54	103037.68	0.05	ppb
Potassium	39-2	98311.16	99066.12	99627.87	99001.72	0.67	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.03	1.68	-0.55	1.05	132.77	ppb
Selenium	82-1	-1.24	-0.82	0.49	-0.52		ppb
Silicon	28-1	-705.11	-539.15	-525.98	-590.08		ppb
Silver	109-1	0.41	0.54	0.51	0.49	13.97	ppb
Silver	107-1	0.51	0.48	0.54	0.51	6.08	ppb
Sodium	23-2	103590.21	104456.29	104673.51	104240.00	0.55	ppb
Strontium	86-1	35.07	33.76	34.92	34.58	2.07	ppb
Strontium	88-1	34.90	34.90	34.87	34.89	0.06	ppb
Sulfur	34-1	132764.45	130782.11	129417.94	130988.17	1.28	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	-0.01		ppb
Tin	118-1	0.16	0.13	0.13	0.14	11.76	ppb
Titanium	47-1	2032.78	2031.54	2047.74	2037.35	0.44	ppb
Uranium	238-1	-0.05	-0.05	-0.03	-0.04		ppb
Vanadium	51-2	0.11	0.15	0.09	0.12	23.47	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	10.99	11.23	12.00	11.41	4.62	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:42:28	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.07	0.06	0.06	12.72	ppb
Zirconium	91-1	0.01	0.08	0.06	0.05	69.87	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:45:55	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91715.60	91459.46	90129.74	91101.60	0.93	ppb
Antimony	121-1	21.53	21.66	21.05	21.42	1.50	ppb
Arsenic	75-1	21.33	21.64	22.86	21.94	3.68	ppb
Barium	135-1	22.12	22.62	21.85	22.20	1.75	ppb
Barium	137-1	22.04	21.95	22.42	22.14	1.11	ppb
Beryllium	9-1	20.62	20.59	21.27	20.83	1.85	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	56.50	59.24	56.48	57.41	2.77	ppb
Boron	10-1	50.57	53.67	59.69	54.64	8.49	ppb
Cadmium	106-1	24.41	19.14	20.68	21.41	12.65	ppb
Cadmium	108-1	30.24	33.50	32.35	32.03	5.17	ppb
Cadmium	111-1	20.49	20.72	20.36	20.52	0.89	ppb
Calcium	43-1	98930.97	97140.24	99745.30	98605.50	1.35	ppb
Calcium	44-1	100007.91	98346.03	99346.84	99233.60	0.84	ppb
Chromium	52-2	41.94	41.92	41.22	41.69	0.97	ppb
Cobalt	59-2	22.36	22.42	21.30	22.03	2.85	ppb
Copper	63-2	30.44	29.61	29.28	29.78	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	102791.68	102182.17	100333.53	101769.13	1.26	ppb
Iron	57-2	105710.65	104647.21	102865.07	104407.64	1.38	ppb
Krypton	83-1						cps
Lead	207-1	23.87	24.30	24.70	24.29	1.70	ppb
Lead	208-1	24.38	24.67	25.18	24.74	1.62	ppb
Lead	206-1	26.09	25.85	26.73	26.22	1.75	ppb
Lithium	6-1				105		%
Magnesium	24-2	105766.27	105771.20	101903.84	104480.44	2.14	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:45:55	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.76	28.68	27.11	28.18	3.30	ppb
Molybdenum	94-1	1516.40	1480.13	1580.88	1525.81	3.34	ppb
Molybdenum	95-1	2028.63	2039.13	2080.34	2049.37	1.33	ppb
Molybdenum	96-1	1955.69	1943.85	2030.61	1976.71	2.38	ppb
Molybdenum	97-1	2048.39	2020.33	2112.35	2060.36	2.29	ppb
Molybdenum	98-1	2013.55	2023.78	2090.86	2042.73	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.09	27.81	26.11	27.00	3.14	ppb
Phosphorus	31-2	104506.30	101841.66	101791.31	102713.09	1.51	ppb
Potassium	39-2	101449.28	101059.09	98784.72	100431.03	1.43	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	22.86	27.44	24.73	25.01	9.20	ppb
Selenium	78-2	15.75	21.68	19.84	19.09	15.89	ppb
Selenium	82-1	18.30	20.63	21.08	20.01	7.46	ppb
Silicon	28-1	-285.46	-433.75	-286.67	-335.29		ppb
Silver	109-1	20.04	19.65	19.67	19.79	1.11	ppb
Silver	107-1	20.18	19.65	20.04	19.96	1.36	ppb
Sodium	23-2	106819.13	106131.48	102604.06	105184.89	2.15	ppb
Strontium	86-1	83.51	83.89	86.35	84.58	1.82	ppb
Strontium	88-1	85.16	84.88	87.34	85.79	1.57	ppb
Sulfur	34-1	130517.33	125829.47	129352.68	128566.49	1.90	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	19.92	20.72	20.91	20.52	2.58	ppb
Thallium	205-1	20.73	20.86	20.86	20.82	0.35	ppb
Tin	118-1	53.00	52.51	52.33	52.61	0.66	ppb
Titanium	47-1	2140.77	2085.09	2127.86	2117.91	1.38	ppb
Uranium	238-1	53.20	51.42	53.48	52.70	2.13	ppb
Vanadium	51-2	20.63	21.08	20.37	20.70	1.74	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	33.34	34.19	32.07	33.20	3.21	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:45:55	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	52.82	53.12	54.86	53.60	2.05	ppb
Zirconium	91-1	52.51	52.75	56.03	53.76	3.65	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:49:21	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53822.67	53803.73	53453.43	53693.28	0.39	ppb
Antimony	121-1	502.98	519.82	514.94	512.58	1.69	ppb
Arsenic	75-1	508.69	514.53	504.42	509.21	1.00	ppb
Barium	135-1	2529.34	2605.30	2562.23	2565.62	1.48	ppb
Barium	137-1	2560.59	2652.55	2618.75	2610.63	1.78	ppb
Beryllium	9-1	523.35	521.69	516.68	520.57	0.67	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	511.38	519.47	511.57	514.14	0.90	ppb
Boron	10-1	511.78	520.23	522.15	518.05	1.07	ppb
Cadmium	106-1	486.59	520.83	514.96	507.46	3.61	ppb
Cadmium	108-1	500.40	513.44	506.88	506.90	1.29	ppb
Cadmium	111-1	501.64	514.52	509.43	508.53	1.28	ppb
Calcium	43-1	257082.31	262363.56	257764.06	259069.98	1.11	ppb
Calcium	44-1	253722.56	258619.42	256393.47	256245.15	0.96	ppb
Chromium	52-2	514.18	505.83	512.71	510.91	0.87	ppb
Cobalt	59-2	500.01	500.29	500.56	500.29	0.06	ppb
Copper	63-2	986.43	972.25	987.40	982.03	0.86	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				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	128275.24	127373.46	126945.91	127531.53	0.53	ppb
Iron	57-2	131075.33	130350.31	129497.74	130307.79	0.61	ppb
Krypton	83-1						cps
Lead	207-1	515.25	524.68	506.13	515.35	1.80	ppb
Lead	208-1	511.45	519.72	507.80	512.99	1.19	ppb
Lead	206-1	516.36	522.06	512.44	516.96	0.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	252167.99	251641.83	248650.15	250819.99	0.76	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:49:21	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.02	1024.14	1020.52	1019.89	0.45	ppb
Molybdenum	94-1	2501.54	2634.32	2585.71	2573.86	2.61	ppb
Molybdenum	95-1	2532.48	2592.82	2553.70	2559.66	1.20	ppb
Molybdenum	96-1	2567.94	2564.52	2544.75	2559.07	0.49	ppb
Molybdenum	97-1	2562.41	2614.35	2600.64	2592.47	1.04	ppb
Molybdenum	98-1	2571.91	2589.62	2560.14	2573.89	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.00	502.78	503.10	503.96	0.35	ppb
Phosphorus	31-2	10154.41	10291.14	9738.37	10061.31	2.86	ppb
Potassium	39-2	124939.48	125161.35	125910.42	125337.08	0.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	463.98	488.72	489.96	480.89	3.05	ppb
Selenium	78-2	504.21	479.21	498.29	493.90	2.65	ppb
Selenium	82-1	497.37	507.64	500.28	501.76	1.05	ppb
Silicon	28-1	591.96	674.64	653.34	639.98	6.71	ppb
Silver	109-1	505.38	520.85	507.23	511.15	1.65	ppb
Silver	107-1	496.33	513.23	507.06	505.54	1.69	ppb
Sodium	23-2	253315.78	251512.54	250335.17	251721.16	0.60	ppb
Strontium	86-1	514.18	514.32	499.48	509.32	1.67	ppb
Strontium	88-1	514.70	518.05	508.99	513.91	0.89	ppb
Sulfur	34-1	8733.48	8911.69	8216.60	8620.59	4.19	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	499.17	511.48	511.60	507.42	1.41	ppb
Thallium	205-1	518.09	520.98	512.37	517.15	0.85	ppb
Tin	118-1	498.66	519.27	515.80	511.24	2.16	ppb
Titanium	47-1	2543.24	2600.12	2525.04	2556.13	1.53	ppb
Uranium	238-1	537.51	528.67	521.94	529.37	1.48	ppb
Vanadium	51-2	517.62	515.89	520.52	518.01	0.45	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	997.44	988.45	996.83	994.24	0.51	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:49:21	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	519.60	534.27	516.09	523.32	1.84	ppb
Zirconium	91-1	513.58	522.47	510.97	515.67	1.17	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:21:06	DataFile Name :	023LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.74	20.91	21.35	20.67	4.01	ppb
Antimony	121-1	2.01	1.91	1.90	1.94	3.11	ppb
Arsenic	75-1	1.01	0.87	0.89	0.92	8.30	ppb
Barium	135-1	9.92	10.34	9.84	10.03	2.70	ppb
Barium	137-1	9.87	10.63	10.25	10.25	3.70	ppb
Beryllium	9-1	0.92	0.73	0.90	0.85	12.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	24.74	24.78	26.83	25.45	4.71	ppb
Boron	10-1	27.31	25.30	23.90	25.50	6.71	ppb
Cadmium	106-1	0.56	-1.94	0.70	-0.23		ppb
Cadmium	108-1	0.11	1.34	0.55	0.67	93.58	ppb
Cadmium	111-1	1.07	0.76	0.93	0.92	17.16	ppb
Calcium	43-1	435.24	451.92	420.35	435.84	3.62	ppb
Calcium	44-1	466.33	466.00	454.29	462.20	1.48	ppb
Chromium	52-2	2.05	2.13	2.17	2.11	2.82	ppb
Cobalt	59-2	0.91	0.87	0.90	0.90	2.30	ppb
Copper	63-2	1.98	1.98	1.96	1.97	0.64	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				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	51.37	50.87	52.60	51.61	1.72	ppb
Iron	57-2	53.80	54.50	57.32	55.21	3.37	ppb
Krypton	83-1						cps
Lead	207-1	0.92	0.87	0.85	0.88	4.16	ppb
Lead	208-1	0.88	0.91	0.86	0.88	2.42	ppb
Lead	206-1	0.87	1.04	0.91	0.94	9.50	ppb
Lithium	6-1				105		%
Magnesium	24-2	523.81	503.55	508.12	511.83	2.08	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:21:06	DataFile Name :	023LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	0.81	0.75	0.84	12.87	ppb
Molybdenum	94-1	5.19	5.46	4.53	5.06	9.52	ppb
Molybdenum	95-1	5.22	4.96	5.00	5.06	2.79	ppb
Molybdenum	96-1	4.93	4.86	5.03	4.94	1.81	ppb
Molybdenum	97-1	5.21	4.93	5.07	5.07	2.80	ppb
Molybdenum	98-1	5.04	5.02	5.12	5.06	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.07	0.95	1.00	6.32	ppb
Phosphorus	31-2	-14.25	47.07	48.95	27.26	131.91	ppb
Potassium	39-2	418.07	453.96	455.83	442.62	4.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	9.11	11.70	6.98	9.26	25.55	ppb
Selenium	78-2	4.62	7.43	4.74	5.60	28.40	ppb
Selenium	82-1	4.62	5.36	3.17	4.38	25.50	ppb
Silicon	28-1	-109.86	-80.95	-172.17	-120.99		ppb
Silver	109-1	1.12	1.28	1.19	1.20	6.83	ppb
Silver	107-1	1.10	1.15	1.22	1.16	4.92	ppb
Sodium	23-2	522.29	525.64	536.81	528.25	1.44	ppb
Strontium	86-1	0.86	1.02	0.94	0.94	8.45	ppb
Strontium	88-1	0.92	1.00	0.92	0.95	4.53	ppb
Sulfur	34-1	-2706.74	-3592.53	-4083.62	-3460.96		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.87	0.84	0.88	0.86	2.16	ppb
Thallium	205-1	0.85	1.00	1.01	0.95	9.50	ppb
Tin	118-1	5.18	4.94	5.06	5.06	2.37	ppb
Titanium	47-1	4.72	5.37	5.04	5.04	6.45	ppb
Uranium	238-1	0.81	0.88	0.83	0.84	4.49	ppb
Vanadium	51-2	4.98	5.22	5.18	5.13	2.43	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1.94	1.44	2.30	1.89	22.85	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:21:06	DataFile Name :	023LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.99	0.89	0.94	5.56	ppb
Zirconium	91-1	0.95	0.79	0.93	0.89	9.89	ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P8
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 20:24:38 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.29	3.12	1.39	1.93	53.07	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	32.80	ppb
Arsenic	75-1	-0.17	-0.12	-0.10	-0.13		ppb
Barium	135-1	-0.11	-0.09	-0.06	-0.09		ppb
Barium	137-1	-0.07	-0.07	-0.07	-0.07		ppb
Beryllium	9-1	-0.03	-0.03	-0.08	-0.05		ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	1.15	1.27	1.14	1.19	6.36	ppb
Boron	10-1	0.90	0.70	0.92	0.84	14.61	ppb
Cadmium	106-1	-4.35	-1.60	-5.00	-3.65		ppb
Cadmium	108-1	-0.24	-0.15	-0.06	-0.15		ppb
Cadmium	111-1	-0.37	-0.17	-0.43	-0.32		ppb
Calcium	43-1	-29.36	-54.89	-22.00	-35.42		ppb
Calcium	44-1	-20.89	-20.34	-25.86	-22.37		ppb
Chromium	52-2	0.08	0.11	0.04	0.08	43.27	ppb
Cobalt	59-2	-0.09	-0.08	-0.10	-0.09		ppb
Copper	63-2	-0.05	-0.07	-0.07	-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				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	0.30	0.32	-0.10	0.17	135.24	ppb
Iron	57-2	-0.26	0.40	-0.92	-0.26		ppb
Krypton	83-1						cps
Lead	207-1	0.04	0.10	0.00	0.05	106.23	ppb
Lead	208-1	0.07	0.08	0.05	0.06	19.10	ppb
Lead	206-1	0.02	0.06	0.06	0.05	55.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.43	-1.05	-0.54	-0.39		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:24:38	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	94-1	-0.01	0.00	0.04	0.01	249.11	ppb
Molybdenum	95-1	-0.06	-0.06	-0.05	-0.05		ppb
Molybdenum	96-1	-0.03	-0.04	-0.02	-0.03		ppb
Molybdenum	97-1	-0.04	-0.04	0.00	-0.02		ppb
Molybdenum	98-1	-0.06	-0.05	-0.06	-0.05		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.06	-0.10	-0.08		ppb
Phosphorus	31-2	-32.49	-83.02	-62.63	-59.38		ppb
Potassium	39-2	-10.73	-12.64	-9.31	-10.89		ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	2.34	0.78	173.21	ppb
Selenium	78-2	0.23	0.22	0.23	0.23	3.03	ppb
Selenium	82-1	0.46	0.03	0.56	0.35	80.16	ppb
Silicon	28-1	-199.95	-170.00	-75.25	-148.40		ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.94	ppb
Silver	107-1	0.00	0.02	0.00	0.01	223.19	ppb
Sodium	23-2	20.06	14.49	14.59	16.38	19.46	ppb
Strontium	86-1	-0.13	-0.07	-0.11	-0.10		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3572.24	-2949.13	-2520.11	-3013.82		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.06	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.00	-0.02	0.01	0.00		ppb
Titanium	47-1	-1.17	-1.78	-1.30	-1.41		ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	-0.05	-0.06	-0.05	-0.05		ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	-0.42	-0.61	-0.42	-0.48		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:24:38	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	178.32	ppb
Zirconium	91-1	-0.05	-0.01	-0.03	-0.03		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:28:10	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.79	21.20	13.19	18.06	23.66	ppb
Antimony	121-1	1.83	1.86	1.91	1.87	2.04	ppb
Arsenic	75-1	0.88	1.03	0.87	0.93	9.53	ppb
Barium	135-1	9.84	10.57	10.56	10.32	4.06	ppb
Barium	137-1	10.17	10.39	10.80	10.45	3.04	ppb
Beryllium	9-1	0.87	0.99	1.01	0.96	7.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	11-1	24.03	24.95	25.23	24.74	2.54	ppb
Boron	10-1	25.56	22.40	22.53	23.50	7.63	ppb
Cadmium	106-1	-0.69	-1.35	-1.54	-1.19		ppb
Cadmium	108-1	0.94	0.49	1.31	0.91	44.90	ppb
Cadmium	111-1	0.74	0.87	0.79	0.80	8.36	ppb
Calcium	43-1	449.89	471.17	442.15	454.40	3.31	ppb
Calcium	44-1	450.60	491.29	469.64	470.51	4.33	ppb
Chromium	52-2	1.87	2.03	1.71	1.87	8.51	ppb
Cobalt	59-2	0.88	0.95	0.83	0.89	7.33	ppb
Copper	63-2	1.82	1.91	1.93	1.88	3.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	52.87	50.71	52.18	51.92	2.12	ppb
Iron	57-2	52.13	58.44	47.96	52.85	9.98	ppb
Krypton	83-1						cps
Lead	207-1	0.87	0.93	0.97	0.92	5.34	ppb
Lead	208-1	0.83	0.92	0.88	0.88	5.36	ppb
Lead	206-1	0.87	1.02	0.91	0.93	7.97	ppb
Lithium	6-1				103		%
Magnesium	24-2	534.74	508.29	533.64	525.55	2.85	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:28:10	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.85	1.05	1.07	0.99	12.32	ppb
Molybdenum	94-1	4.97	5.00	5.32	5.10	3.79	ppb
Molybdenum	95-1	5.07	5.38	5.42	5.29	3.65	ppb
Molybdenum	96-1	4.96	5.07	5.01	5.01	1.13	ppb
Molybdenum	97-1	5.34	5.41	5.29	5.34	1.16	ppb
Molybdenum	98-1	5.21	5.46	5.19	5.28	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.82	0.92	0.92	10.29	ppb
Phosphorus	31-2	9.20	37.03	26.47	24.23	57.97	ppb
Potassium	39-2	470.27	444.01	444.56	452.95	3.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	9.41	4.65	4.62	6.23	44.24	ppb
Selenium	78-2	5.96	4.74	2.83	4.51	34.98	ppb
Selenium	82-1	4.98	4.97	6.20	5.39	13.17	ppb
Silicon	28-1	-298.95	-6.11	-121.35	-142.13		ppb
Silver	109-1	1.11	1.35	1.12	1.20	11.54	ppb
Silver	107-1	1.08	1.15	1.01	1.08	6.66	ppb
Sodium	23-2	544.18	512.35	505.84	520.79	3.94	ppb
Strontium	86-1	0.92	0.97	1.01	0.96	4.50	ppb
Strontium	88-1	0.93	1.04	1.05	1.01	6.35	ppb
Sulfur	34-1	-3917.02	-2164.00	-2688.98	-2923.33		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.83	0.89	0.88	0.87	3.99	ppb
Thallium	205-1	0.86	1.02	0.87	0.91	9.98	ppb
Tin	118-1	5.22	5.32	5.09	5.21	2.15	ppb
Titanium	47-1	3.74	5.76	4.82	4.77	21.23	ppb
Uranium	238-1	0.87	0.84	0.85	0.85	2.12	ppb
Vanadium	51-2	5.22	5.22	5.05	5.16	1.88	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2.14	1.77	2.28	2.06	12.70	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:28:10	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.88	0.94	0.90	0.91	3.54	ppb
Zirconium	91-1	0.79	1.16	0.89	0.95	20.10	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:36:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1432.89	1449.29	1449.60	1443.93	0.66	ppb
Antimony	121-1	170.91	171.66	171.32	171.30	0.22	ppb
Arsenic	75-1	511.62	507.52	511.43	510.19	0.45	ppb
Barium	135-1	725.75	733.18	717.85	725.59	1.06	ppb
Barium	137-1	727.26	736.06	739.17	734.16	0.84	ppb
Beryllium	9-1	455.49	451.08	463.92	456.83	1.43	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	11-1	906.82	911.05	946.20	921.36	2.35	ppb
Boron	10-1	885.95	933.65	958.30	925.97	3.97	ppb
Cadmium	106-1	243.18	237.84	234.62	238.55	1.81	ppb
Cadmium	108-1	251.39	255.75	253.44	253.53	0.86	ppb
Cadmium	111-1	272.18	270.58	271.20	271.32	0.30	ppb
Calcium	43-1	151.75	149.16	166.96	155.96	6.17	ppb
Calcium	44-1	78.32	86.63	87.42	84.12	5.99	ppb
Chromium	52-2	530.44	511.85	522.87	521.72	1.79	ppb
Cobalt	59-2	269.64	260.06	269.70	266.47	2.08	ppb
Copper	63-2	903.08	884.92	908.96	898.99	1.39	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				105		%
Indium	115-2				102		%
Iron	56-2	1729.36	1670.05	1734.44	1711.28	2.09	ppb
Iron	57-2	1774.88	1663.40	1701.70	1713.33	3.31	ppb
Krypton	83-1						cps
Lead	207-1	1390.86	1387.39	1443.94	1407.40	2.25	ppb
Lead	208-1	1410.77	1406.94	1435.60	1417.77	1.10	ppb
Lead	206-1	1445.96	1431.03	1464.68	1447.22	1.17	ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.52	-0.10	-0.27	-0.30		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:36:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1061.96	1025.94	1056.82	1048.24	1.86	ppb
Molybdenum	94-1	165.78	165.37	166.06	165.74	0.21	ppb
Molybdenum	95-1	236.37	237.18	235.07	236.21	0.45	ppb
Molybdenum	96-1	228.18	228.29	231.09	229.19	0.72	ppb
Molybdenum	97-1	242.09	234.66	241.79	239.51	1.76	ppb
Molybdenum	98-1	241.23	238.92	241.85	240.67	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	271.57	265.71	274.40	270.56	1.64	ppb
Phosphorus	31-2	-31.60	-63.14	-52.17	-48.97		ppb
Potassium	39-2	-35.95	-25.71	-20.54	-27.40		ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	343.41	321.98	302.72	322.70	6.31	ppb
Selenium	78-2	320.50	300.15	314.26	311.63	3.35	ppb
Selenium	82-1	306.37	305.58	309.72	307.22	0.71	ppb
Silicon	28-1	-72.89	-81.10	-67.33	-73.77		ppb
Silver	109-1	468.46	475.05	467.95	470.49	0.84	ppb
Silver	107-1	466.13	468.27	480.47	471.62	1.64	ppb
Sodium	23-2	47.49	40.32	45.73	44.51	8.39	ppb
Strontium	86-1	483.84	473.75	484.30	480.63	1.24	ppb
Strontium	88-1	487.57	477.74	490.65	485.32	1.39	ppb
Sulfur	34-1	-9471.63	-9913.54	-9805.59	-9730.25		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	402.44	406.10	416.52	408.35	1.79	ppb
Thallium	205-1	409.36	406.10	428.40	414.62	2.90	ppb
Tin	118-1	-0.02	0.01	0.00	-0.01		ppb
Titanium	47-1	-1.23	0.04	-0.82	-0.67		ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	1286.70	1240.50	1276.66	1267.95	1.92	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	920.88	907.45	926.15	918.16	1.05	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:36:10	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.09	0.10	0.09	6.43	ppb
Zirconium	91-1	0.25	0.31	0.20	0.25	22.41	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:39:40	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.88	44.52	41.86	42.42	4.44	ppb
Antimony	121-1	0.13	0.08	0.07	0.09	30.24	ppb
Arsenic	75-1	0.41	0.35	0.30	0.35	15.02	ppb
Barium	135-1	0.08	0.09	0.10	0.09	9.11	ppb
Barium	137-1	0.10	0.10	0.18	0.13	36.73	ppb
Beryllium	9-1	0.07	-0.05	-0.01	0.00	1434.05	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	181.83	187.28	186.19	185.10	1.56	ppb
Boron	10-1	175.96	181.48	185.79	181.07	2.72	ppb
Cadmium	106-1	-0.30	0.51	-4.41	-1.40		ppb
Cadmium	108-1	-0.24	0.02	0.02	-0.07		ppb
Cadmium	111-1	-0.03	-0.03	-0.38	-0.15		ppb
Calcium	43-1	-27.90	-30.25	-46.29	-34.81		ppb
Calcium	44-1	-22.82	-20.02	-15.70	-19.51		ppb
Chromium	52-2	0.31	0.23	0.14	0.22	39.21	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	21.49	ppb
Copper	63-2	0.47	0.43	0.38	0.42	10.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	1.26	1.11	0.80	1.06	22.37	ppb
Iron	57-2	2.64	1.06	1.73	1.81	43.93	ppb
Krypton	83-1						cps
Lead	207-1	0.66	0.61	0.62	0.63	4.75	ppb
Lead	208-1	0.73	0.63	0.64	0.67	8.05	ppb
Lead	206-1	0.76	0.62	0.63	0.67	11.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.61	1.40	0.91	0.97	41.06	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:39:40	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.03	0.00	0.00	490.66	ppb
Molybdenum	94-1	1.31	1.55	1.51	1.46	8.64	ppb
Molybdenum	95-1	0.00	-0.02	-0.03	-0.01		ppb
Molybdenum	96-1	0.26	0.22	0.14	0.21	30.90	ppb
Molybdenum	97-1	0.08	-0.02	0.02	0.03	183.05	ppb
Molybdenum	98-1	0.04	-0.03	-0.02	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.45	0.53	0.48	8.21	ppb
Phosphorus	31-2	-33.62	-52.86	-22.61	-36.36		ppb
Potassium	39-2	16.47	-12.59	21.46	8.44	217.78	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.54	0.62	-0.53	-0.15		ppb
Selenium	82-1	1.91	-0.07	-0.26	0.53	227.31	ppb
Silicon	28-1	1310.53	1285.27	1295.18	1296.99	0.98	ppb
Silver	109-1	0.13	0.13	0.14	0.13	6.08	ppb
Silver	107-1	0.13	0.15	0.15	0.14	10.10	ppb
Sodium	23-2	186.68	186.76	193.73	189.06	2.14	ppb
Strontium	86-1	0.04	-0.03	0.09	0.03	184.33	ppb
Strontium	88-1	0.09	0.03	0.04	0.05	66.81	ppb
Sulfur	34-1	-12355.32	-12804.50	-12231.73	-12463.85		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.01	0.00	0.03	129.49	ppb
Thallium	205-1	0.07	0.03	0.00	0.03	113.24	ppb
Tin	118-1	1764.73	1856.02	1823.14	1814.63	2.55	ppb
Titanium	47-1	269.65	265.63	264.65	266.64	1.00	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	0.03	0.03	-0.01	0.02	118.84	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	-0.40	-0.22	-0.37	-0.33		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:39:40	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.86	0.99	0.95	0.93	7.00	ppb
Zirconium	91-1	0.88	0.82	0.91	0.87	5.56	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:43:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.81	-3.27	0.51	-1.86		ppb
Antimony	121-1	0.04	0.04	0.04	0.04	5.01	ppb
Arsenic	75-1	0.21	0.16	0.06	0.15	54.03	ppb
Barium	135-1	0.32	0.21	0.39	0.30	29.78	ppb
Barium	137-1	0.36	0.35	0.32	0.34	6.54	ppb
Beryllium	9-1	0.00	-0.04	-0.02	-0.02		ppb
Bismuth	209-1				129		%
Bismuth	209-2				123		%
Boron	11-1	8.25	6.82	6.39	7.15	13.61	ppb
Boron	10-1	7.17	5.23	7.52	6.64	18.59	ppb
Cadmium	106-1	-2.68	-2.15	0.38	-1.48		ppb
Cadmium	108-1	-0.33	-0.19	-0.04	-0.19		ppb
Cadmium	111-1	-0.17	-0.17	0.03	-0.10		ppb
Calcium	43-1	54181.81	53866.35	55132.70	54393.62	1.21	ppb
Calcium	44-1	54157.33	54121.42	55083.44	54454.06	1.00	ppb
Chromium	52-2	-0.06	-0.08	0.00	-0.05		ppb
Cobalt	59-2	-0.07	-0.06	-0.04	-0.06		ppb
Copper	63-2	0.24	0.24	0.16	0.21	22.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				130		%
Holmium	165-2				126		%
Indium	115-1				130		%
Indium	115-2				123		%
Iron	56-2	0.79	0.73	0.96	0.83	14.17	ppb
Iron	57-2	6.28	2.37	5.86	4.84	44.36	ppb
Krypton	83-1						cps
Lead	207-1	0.52	0.50	0.44	0.49	7.63	ppb
Lead	208-1	0.49	0.51	0.52	0.51	3.27	ppb
Lead	206-1	0.46	0.51	0.53	0.50	7.23	ppb
Lithium	6-1				124		%
Magnesium	24-2	11943.91	12133.06	12101.53	12059.50	0.84	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:43:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.29	0.30	0.35	0.31	10.22	ppb
Molybdenum	94-1	0.16	0.14	0.21	0.17	20.56	ppb
Molybdenum	95-1	0.30	0.31	0.22	0.28	17.76	ppb
Molybdenum	96-1	0.23	0.31	0.26	0.27	15.69	ppb
Molybdenum	97-1	0.22	0.27	0.27	0.25	11.37	ppb
Molybdenum	98-1	0.23	0.26	0.30	0.26	14.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.04	-0.02		ppb
Phosphorus	31-2	-65.97	-22.89	-48.22	-45.69		ppb
Potassium	39-2	28804.85	29422.40	29602.15	29276.47	1.43	ppb
Rhodium	103-1				124		%
Rhodium	103-2				120		%
Scandium	45-1				127		%
Scandium	45-2				120		%
Selenium	77-2	1.95	0.00	0.00	0.65	173.21	ppb
Selenium	78-2	-0.02	0.59	0.29	0.29	105.81	ppb
Selenium	82-1	-0.66	-1.35	-0.35	-0.78		ppb
Silicon	28-1	-1755.82	-1684.26	-1598.63	-1679.57		ppb
Silver	109-1	0.09	0.04	0.06	0.06	36.50	ppb
Silver	107-1	0.05	0.03	0.04	0.04	20.47	ppb
Sodium	23-2	60743.10	61236.66	61315.99	61098.58	0.51	ppb
Strontium	86-1	6.43	6.63	6.23	6.43	3.06	ppb
Strontium	88-1	6.52	6.36	6.37	6.42	1.44	ppb
Sulfur	34-1	-15123.66	-13861.41	-11417.44	-13467.50		ppb
Terbium	159-1				128		%
Terbium	159-2				122		%
Thallium	203-1	0.01	0.03	0.01	0.02	99.32	ppb
Thallium	205-1	0.01	0.05	0.01	0.03	85.29	ppb
Tin	118-1	0.36	0.37	0.35	0.36	2.79	ppb
Titanium	47-1	-3.47	-4.02	-3.63	-3.71		ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	0.13	0.17	0.16	0.15	13.46	ppb
Yttrium	89-1				127		%
Yttrium	89-2				123		%
Zinc	66-2	-0.27	-0.15	-0.07	-0.16		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:43:12	DataFile Name :	029SMPL.d

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

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:46:42	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	720.05	747.00	723.53	730.19	2.01	ppb
Antimony	121-1	83.99	84.91	84.61	84.50	0.56	ppb
Arsenic	75-1	252.75	252.32	250.29	251.79	0.52	ppb
Barium	135-1	355.02	364.34	363.98	361.11	1.46	ppb
Barium	137-1	364.59	366.38	363.30	364.76	0.42	ppb
Beryllium	9-1	229.82	225.27	225.77	226.96	1.10	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	456.80	463.12	465.45	461.79	0.97	ppb
Boron	10-1	453.35	483.46	472.70	469.84	3.25	ppb
Cadmium	106-1	113.49	117.88	110.48	113.95	3.27	ppb
Cadmium	108-1	128.19	122.18	127.25	125.87	2.57	ppb
Cadmium	111-1	136.14	133.06	133.80	134.33	1.19	ppb
Calcium	43-1	71.14	54.20	65.06	63.47	13.52	ppb
Calcium	44-1	46.26	37.14	38.67	40.69	12.01	ppb
Chromium	52-2	260.19	260.71	264.11	261.67	0.81	ppb
Cobalt	59-2	132.02	133.22	134.32	133.19	0.86	ppb
Copper	63-2	445.52	443.33	455.64	448.16	1.46	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				107		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	864.33	851.28	862.72	859.44	0.83	ppb
Iron	57-2	880.62	826.20	888.51	865.11	3.92	ppb
Krypton	83-1						cps
Lead	207-1	683.86	689.68	677.98	683.84	0.85	ppb
Lead	208-1	697.65	705.51	691.37	698.18	1.01	ppb
Lead	206-1	710.99	723.49	706.50	713.66	1.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.56	0.42	-1.54	-0.56		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:46:42	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	519.48	526.25	531.37	525.70	1.13	ppb
Molybdenum	94-1	82.11	84.36	81.95	82.81	1.63	ppb
Molybdenum	95-1	117.40	120.41	116.36	118.06	1.78	ppb
Molybdenum	96-1	113.39	113.43	114.07	113.63	0.33	ppb
Molybdenum	97-1	117.10	118.09	120.25	118.48	1.36	ppb
Molybdenum	98-1	120.20	117.94	116.89	118.34	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.31	132.96	133.86	134.04	0.88	ppb
Phosphorus	31-2	-72.96	-42.73	-62.71	-59.47		ppb
Potassium	39-2	22.47	-3.79	13.18	10.62	125.35	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	169.29	142.57	167.49	159.78	9.35	ppb
Selenium	78-2	159.57	150.33	162.27	157.39	3.98	ppb
Selenium	82-1	151.53	155.40	153.96	153.63	1.27	ppb
Silicon	28-1	-119.40	-312.44	-190.90	-207.58		ppb
Silver	109-1	229.34	231.42	232.01	230.93	0.61	ppb
Silver	107-1	227.95	227.89	228.22	228.02	0.08	ppb
Sodium	23-2	47.98	50.67	54.05	50.90	5.97	ppb
Strontium	86-1	241.01	238.57	237.42	239.00	0.77	ppb
Strontium	88-1	247.35	245.95	246.17	246.49	0.31	ppb
Sulfur	34-1	644.16	-1929.15	-1526.62	-937.20		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	204.26	204.00	197.98	202.08	1.76	ppb
Thallium	205-1	203.82	205.14	197.56	202.17	2.00	ppb
Tin	118-1	0.13	0.10	0.09	0.11	18.19	ppb
Titanium	47-1	-1.21	-1.77	-1.19	-1.39		ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	633.18	627.39	637.72	632.76	0.82	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	455.20	456.48	463.76	458.48	1.01	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:46:42	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.06	0.05	26.08	ppb
Zirconium	91-1	0.14	0.22	0.15	0.17	26.11	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:50:14	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.67	13.62	22.29	19.86	27.44	ppb
Antimony	121-1	0.06	0.04	0.06	0.05	23.49	ppb
Arsenic	75-1	0.00	0.19	0.26	0.15	92.13	ppb
Barium	135-1	0.07	-0.02	0.03	0.03	162.91	ppb
Barium	137-1	0.04	-0.01	0.05	0.03	116.43	ppb
Beryllium	9-1	-0.02	0.15	-0.03	0.03	297.07	ppb
Bismuth	209-1				103		%
Bismuth	209-2				110		%
Boron	11-1	93.05	98.63	96.74	96.14	2.95	ppb
Boron	10-1	100.09	96.50	103.06	99.88	3.29	ppb
Cadmium	106-1	1.38	1.51	1.66	1.52	9.41	ppb
Cadmium	108-1	0.21	0.04	-0.24	0.00	5884.70	ppb
Cadmium	111-1	0.02	0.06	0.11	0.06	63.70	ppb
Calcium	43-1	-66.78	-7.47	-4.20	-26.15		ppb
Calcium	44-1	-17.48	8.62	12.38	1.17	1388.97	ppb
Chromium	52-2	0.11	-0.02	0.07	0.05	123.72	ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.30	0.20	0.28	0.26	20.30	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				111		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	56-2	1.69	1.17	1.01	1.29	27.63	ppb
Iron	57-2	2.66	4.05	1.01	2.57	59.16	ppb
Krypton	83-1						cps
Lead	207-1	0.37	0.44	0.60	0.47	24.69	ppb
Lead	208-1	0.40	0.47	0.62	0.50	22.33	ppb
Lead	206-1	0.40	0.56	0.67	0.54	25.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.83	0.72	0.84	1.13	53.68	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:50:14	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.03	-0.02	0.02	185.93	ppb
Molybdenum	94-1	0.68	0.81	0.70	0.73	8.99	ppb
Molybdenum	95-1	-0.03	-0.02	0.02	-0.01		ppb
Molybdenum	96-1	0.09	0.08	0.14	0.10	33.77	ppb
Molybdenum	97-1	-0.02	-0.02	0.00	-0.02		ppb
Molybdenum	98-1	-0.02	-0.03	0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.13	0.20	0.20	32.51	ppb
Phosphorus	31-2	-63.17	-54.47	-53.40	-57.01		ppb
Potassium	39-2	0.92	-7.06	1.76	-1.46		ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.92	-0.24	0.17	-0.33		ppb
Selenium	82-1	0.56	0.05	-2.14	-0.51		ppb
Silicon	28-1	48.30	940.64	897.50	628.81	80.02	ppb
Silver	109-1	0.11	0.07	0.06	0.08	29.95	ppb
Silver	107-1	0.11	0.08	0.07	0.09	26.25	ppb
Sodium	23-2	107.37	89.17	111.39	102.64	11.54	ppb
Strontium	86-1	-0.08	0.01	0.09	0.01	1322.69	ppb
Strontium	88-1	0.03	0.01	0.06	0.03	88.37	ppb
Sulfur	34-1	-3857.62	1903.04	-1109.81	-1021.47		ppb
Terbium	159-1				99		%
Terbium	159-2				108		%
Thallium	203-1	0.04	-0.03	0.01	0.00	832.26	ppb
Thallium	205-1	0.03	-0.01	0.04	0.02	129.65	ppb
Tin	118-1	938.03	946.43	950.55	945.00	0.67	ppb
Titanium	47-1	133.16	132.94	138.87	134.99	2.49	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	0.05	-0.02	-0.04	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				108		%
Zinc	66-2	-0.51	-0.50	-0.53	-0.52		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:50:14	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.48	0.42	0.42	0.44	8.67	ppb
Zirconium	91-1	0.49	0.53	0.48	0.50	4.74	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-09 20:53:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.44	-0.48	-0.46	-0.80		ppb
Antimony	121-1	0.02	0.02	0.01	0.02	49.48	ppb
Arsenic	75-1	0.00	0.04	0.02	0.02	95.91	ppb
Barium	135-1	0.11	0.00	-0.09	0.00	2750.07	ppb
Barium	137-1	0.01	0.07	-0.01	0.03	161.19	ppb
Beryllium	9-1	0.02	-0.03	-0.01	-0.01		ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	11-1	8.17	7.04	7.29	7.50	7.97	ppb
Boron	10-1	7.43	6.36	5.53	6.44	14.77	ppb
Cadmium	106-1	-0.51	0.10	-1.76	-0.72		ppb
Cadmium	108-1	-0.33	-0.33	-0.16	-0.27		ppb
Cadmium	111-1	-0.06	-0.03	-0.16	-0.08		ppb
Calcium	43-1	10985.36	10868.60	10864.86	10906.27	0.63	ppb
Calcium	44-1	11316.47	11242.56	11367.23	11308.75	0.55	ppb
Chromium	52-2	0.02	0.00	0.02	0.01	63.84	ppb
Cobalt	59-2	-0.08	-0.09	-0.09	-0.09		ppb
Copper	63-2	0.11	0.08	0.03	0.07	59.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	1.31	0.96	0.34	0.87	56.47	ppb
Iron	57-2	2.92	2.63	1.34	2.30	36.75	ppb
Krypton	83-1						cps
Lead	207-1	0.21	0.24	0.17	0.20	18.09	ppb
Lead	208-1	0.18	0.23	0.22	0.21	11.42	ppb
Lead	206-1	0.18	0.20	0.21	0.20	9.32	ppb
Lithium	6-1				105		%
Magnesium	24-2	2356.43	2404.02	2335.19	2365.21	1.49	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-09 20:53:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.07	0.04	0.07	44.17	ppb
Molybdenum	94-1	0.03	-0.02	0.07	0.03	172.75	ppb
Molybdenum	95-1	0.05	0.00	0.06	0.03	97.87	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	36.87	ppb
Molybdenum	97-1	-0.01	0.05	-0.01	0.01	263.63	ppb
Molybdenum	98-1	0.04	0.07	0.03	0.05	37.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.09	-0.05		ppb
Phosphorus	31-2	-43.91	-14.01	-33.64	-30.52		ppb
Potassium	39-2	5483.98	5730.21	5698.75	5637.65	2.38	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	2.23	0.00	0.00	0.74	173.21	ppb
Selenium	78-2	-0.20	-0.18	0.15	-0.08		ppb
Selenium	82-1	-0.10	-2.38	-0.82	-1.10		ppb
Silicon	28-1	-482.43	-472.10	-557.72	-504.09		ppb
Silver	109-1	0.01	0.02	0.02	0.02	28.51	ppb
Silver	107-1	0.02	0.01	0.02	0.02	17.30	ppb
Sodium	23-2	12330.89	12475.06	12510.68	12438.87	0.77	ppb
Strontium	86-1	1.16	1.24	1.31	1.24	6.25	ppb
Strontium	88-1	1.26	1.27	1.30	1.28	1.65	ppb
Sulfur	34-1	-5141.34	-4917.08	-5108.68	-5055.70		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.02	-0.01	0.00	957.96	ppb
Tin	118-1	0.21	0.25	0.31	0.26	20.00	ppb
Titanium	47-1	-1.12	-2.36	-1.77	-1.75		ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	-0.80	-0.74	-0.76	-0.76		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-09 20:53:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.02	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.05	-0.02	-0.04	-0.04		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:57:17	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1446.99	1416.08	1452.79	1438.62	1.37	ppb
Antimony	121-1	170.20	169.93	172.61	170.91	0.86	ppb
Arsenic	75-1	512.67	508.34	503.20	508.07	0.93	ppb
Barium	135-1	727.10	733.26	729.12	729.83	0.43	ppb
Barium	137-1	736.97	739.63	741.82	739.47	0.33	ppb
Beryllium	9-1	459.36	458.02	452.53	456.64	0.79	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	11-1	896.17	919.50	930.37	915.35	1.91	ppb
Boron	10-1	912.93	920.95	926.57	920.15	0.75	ppb
Cadmium	106-1	241.69	234.57	237.35	237.87	1.51	ppb
Cadmium	108-1	246.26	249.12	245.40	246.92	0.79	ppb
Cadmium	111-1	269.22	273.27	278.08	273.52	1.62	ppb
Calcium	43-1	88.75	145.17	118.66	117.53	24.02	ppb
Calcium	44-1	74.05	73.74	78.22	75.33	3.32	ppb
Chromium	52-2	533.99	518.43	540.48	530.97	2.13	ppb
Cobalt	59-2	272.28	262.57	276.69	270.51	2.67	ppb
Copper	63-2	901.82	895.95	918.06	905.27	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	1738.19	1698.95	1755.29	1730.81	1.67	ppb
Iron	57-2	1719.88	1661.10	1766.93	1715.97	3.09	ppb
Krypton	83-1						cps
Lead	207-1	1412.77	1414.00	1387.33	1404.70	1.07	ppb
Lead	208-1	1414.53	1419.56	1413.08	1415.72	0.24	ppb
Lead	206-1	1425.82	1459.40	1464.20	1449.81	1.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.54	0.90	1.77	0.71	163.72	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:57:17	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1062.30	1044.38	1070.64	1059.11	1.27	ppb
Molybdenum	94-1	169.54	168.51	164.51	167.52	1.59	ppb
Molybdenum	95-1	236.39	238.65	237.89	237.64	0.48	ppb
Molybdenum	96-1	226.43	228.64	228.19	227.75	0.51	ppb
Molybdenum	97-1	239.65	238.35	235.81	237.94	0.82	ppb
Molybdenum	98-1	243.56	242.33	239.78	241.89	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	274.19	270.62	278.27	274.36	1.40	ppb
Phosphorus	31-2	-62.61	-42.89	-31.22	-45.57		ppb
Potassium	39-2	-12.45	-24.23	2.62	-11.35		ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	288.71	319.27	256.40	288.13	10.91	ppb
Selenium	78-2	322.02	289.02	288.36	299.80	6.42	ppb
Selenium	82-1	304.16	306.03	314.84	308.34	1.85	ppb
Silicon	28-1	-208.51	-159.95	-122.76	-163.74		ppb
Silver	109-1	466.24	471.85	468.28	468.79	0.61	ppb
Silver	107-1	460.97	465.67	468.90	465.18	0.86	ppb
Sodium	23-2	51.06	62.09	61.42	58.19	10.63	ppb
Strontium	86-1	474.42	475.39	475.58	475.13	0.13	ppb
Strontium	88-1	478.41	488.00	484.19	483.54	1.00	ppb
Sulfur	34-1	-5517.75	-6220.11	-6913.51	-6217.12		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	405.75	403.32	403.32	404.13	0.35	ppb
Thallium	205-1	410.37	406.05	413.19	409.87	0.88	ppb
Tin	118-1	0.07	0.07	0.11	0.08	27.41	ppb
Titanium	47-1	-1.83	-2.25	-1.68	-1.92		ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	1282.73	1252.60	1306.21	1280.51	2.10	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	931.49	910.30	942.85	928.21	1.78	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:57:17	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.10	0.09	0.09	9.81	ppb
Zirconium	91-1	0.31	0.20	0.19	0.23	28.92	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:00:47	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.86	42.37	44.84	43.69	2.85	ppb
Antimony	121-1	0.11	0.11	0.05	0.09	36.47	ppb
Arsenic	75-1	0.32	0.44	0.43	0.39	16.94	ppb
Barium	135-1	0.15	0.21	0.03	0.13	72.77	ppb
Barium	137-1	0.16	0.15	0.05	0.12	47.16	ppb
Beryllium	9-1	0.02	0.03	-0.04	0.00	5024.41	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	11-1	186.26	187.55	191.25	188.35	1.38	ppb
Boron	10-1	184.80	182.10	192.15	186.35	2.79	ppb
Cadmium	106-1	-5.20	-5.61	-2.36	-4.39		ppb
Cadmium	108-1	0.09	0.09	-0.33	-0.05		ppb
Cadmium	111-1	-0.41	-0.47	-0.20	-0.36		ppb
Calcium	43-1	-62.61	-53.75	-26.20	-47.52		ppb
Calcium	44-1	-16.90	-19.20	-22.48	-19.53		ppb
Chromium	52-2	0.23	0.32	0.19	0.25	27.39	ppb
Cobalt	59-2	0.04	0.04	0.00	0.03	76.83	ppb
Copper	63-2	0.41	0.53	0.40	0.45	15.57	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				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	1.30	1.96	1.24	1.50	26.57	ppb
Iron	57-2	1.03	2.43	2.07	1.84	39.58	ppb
Krypton	83-1						cps
Lead	207-1	0.60	0.61	0.46	0.56	15.59	ppb
Lead	208-1	0.70	0.78	0.53	0.67	18.49	ppb
Lead	206-1	0.76	0.84	0.64	0.75	13.50	ppb
Lithium	6-1				105		%
Magnesium	24-2	-1.32	2.43	0.93	0.68	276.99	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:00:47	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.08	0.05	0.05	80.80	ppb
Molybdenum	94-1	1.39	1.32	1.52	1.41	6.99	ppb
Molybdenum	95-1	0.02	0.05	-0.02	0.01	238.74	ppb
Molybdenum	96-1	0.22	0.18	0.21	0.20	11.75	ppb
Molybdenum	97-1	0.00	0.02	-0.03	0.00	10577.48	ppb
Molybdenum	98-1	0.03	0.04	-0.02	0.01	235.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.51	0.38	0.43	16.58	ppb
Phosphorus	31-2	-63.15	-52.52	-32.46	-49.38		ppb
Potassium	39-2	-1.51	17.07	12.81	9.46	102.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	0.00	2.28	0.00	0.76	173.21	ppb
Selenium	78-2	-0.56	0.93	0.22	0.20	373.69	ppb
Selenium	82-1	0.88	-0.57	-1.35	-0.35		ppb
Silicon	28-1	1459.41	1416.41	1529.42	1468.41	3.88	ppb
Silver	109-1	0.08	0.11	0.11	0.10	18.48	ppb
Silver	107-1	0.09	0.07	2.51	0.89	157.53	ppb
Sodium	23-2	194.87	201.01	193.16	196.34	2.10	ppb
Strontium	86-1	-0.14	0.10	-0.21	-0.09		ppb
Strontium	88-1	0.06	0.05	0.02	0.04	56.01	ppb
Sulfur	34-1	-8567.22	-8668.48	-9107.42	-8781.04		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.00	0.02	0.02	98.78	ppb
Thallium	205-1	0.07	0.03	-0.01	0.03	137.68	ppb
Tin	118-1	1826.71	1825.13	1848.94	1833.60	0.73	ppb
Titanium	47-1	264.55	274.06	274.31	270.97	2.05	ppb
Uranium	238-1	-0.07	-0.07	-0.08	-0.07		ppb
Vanadium	51-2	0.05	0.13	-0.04	0.05	167.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	-0.60	-0.34	-0.63	-0.52		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:00:47	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.89	0.89	0.91	3.47	ppb
Zirconium	91-1	0.78	1.08	0.89	0.92	16.37	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:04:19	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.10	-0.66	-1.48	-1.08		ppb
Antimony	121-1	0.03	0.01	0.01	0.02	60.87	ppb
Arsenic	75-1	0.20	0.13	0.04	0.12	67.19	ppb
Barium	135-1	0.27	0.26	0.19	0.24	17.58	ppb
Barium	137-1	0.33	0.26	0.23	0.28	17.22	ppb
Beryllium	9-1	0.01	-0.02	-0.07	-0.02		ppb
Bismuth	209-1				133		%
Bismuth	209-2				126		%
Boron	11-1	7.04	6.41	6.87	6.77	4.84	ppb
Boron	10-1	6.51	5.30	6.43	6.08	11.16	ppb
Cadmium	106-1	-1.98	-1.17	-0.70	-1.28		ppb
Cadmium	108-1	-0.13	-0.26	-0.19	-0.19		ppb
Cadmium	111-1	-0.15	-0.13	-0.07	-0.12		ppb
Calcium	43-1	54167.65	53942.13	54739.49	54283.09	0.76	ppb
Calcium	44-1	53962.86	54022.05	55598.10	54527.67	1.70	ppb
Chromium	52-2	-0.10	-0.07	-0.02	-0.06		ppb
Cobalt	59-2	-0.06	-0.06	-0.07	-0.06		ppb
Copper	63-2	0.14	0.15	0.17	0.15	11.20	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				133		%
Holmium	165-2				131		%
Indium	115-1				131		%
Indium	115-2				125		%
Iron	56-2	0.97	0.77	0.83	0.86	11.95	ppb
Iron	57-2	3.41	3.92	3.20	3.51	10.56	ppb
Krypton	83-1						cps
Lead	207-1	0.50	0.44	0.35	0.43	16.99	ppb
Lead	208-1	0.51	0.46	0.30	0.42	26.37	ppb
Lead	206-1	0.47	0.46	0.23	0.39	35.13	ppb
Lithium	6-1				128		%
Magnesium	24-2	12199.72	11881.87	12075.71	12052.44	1.33	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:04:19	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.21	0.20	0.26	0.23	13.58	ppb
Molybdenum	94-1	0.22	0.20	0.21	0.21	6.15	ppb
Molybdenum	95-1	0.18	0.26	0.20	0.21	19.22	ppb
Molybdenum	96-1	0.27	0.26	0.24	0.26	6.78	ppb
Molybdenum	97-1	0.20	0.25	0.24	0.23	11.22	ppb
Molybdenum	98-1	0.28	0.28	0.24	0.27	8.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	-0.07	-0.04		ppb
Phosphorus	31-2	-15.58	-41.18	-48.77	-35.18		ppb
Potassium	39-2	29091.98	28891.63	29421.36	29134.99	0.92	ppb
Rhodium	103-1				127		%
Rhodium	103-2				123		%
Scandium	45-1				129		%
Scandium	45-2				123		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.20	-0.36	-0.04	0.26	312.38	ppb
Selenium	82-1	0.33	-0.98	-0.20	-0.28		ppb
Silicon	28-1	-1686.45	-1625.58	-1486.40	-1599.48		ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.05	ppb
Silver	107-1	0.02	0.05	0.03	0.03	50.32	ppb
Sodium	23-2	61117.07	60553.56	61968.69	61213.11	1.16	ppb
Strontium	86-1	6.31	6.31	6.09	6.24	2.04	ppb
Strontium	88-1	6.40	6.44	6.15	6.33	2.43	ppb
Sulfur	34-1	-13590.71	-12305.01	-11045.07	-12313.60		ppb
Terbium	159-1				132		%
Terbium	159-2				128		%
Thallium	203-1	-0.03	-0.01	-0.04	-0.03		ppb
Thallium	205-1	0.01	0.00	-0.04	-0.01		ppb
Tin	118-1	0.39	0.30	0.08	0.26	62.15	ppb
Titanium	47-1	-3.69	-3.63	-3.48	-3.60		ppb
Uranium	238-1	-0.08	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	0.06	0.12	0.16	0.11	46.04	ppb
Yttrium	89-1				130		%
Yttrium	89-2				125		%
Zinc	66-2	-0.71	-0.40	-0.57	-0.56		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:04:19	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	91-1	-0.06	0.00	-0.05	-0.04		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:07:49	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54223.23	53846.59	53884.16	53984.66	0.38	ppb
Antimony	121-1	499.66	506.99	501.32	502.66	0.76	ppb
Arsenic	75-1	494.45	505.47	501.10	500.34	1.11	ppb
Barium	135-1	2503.80	2540.69	2514.32	2519.61	0.75	ppb
Barium	137-1	2527.40	2555.98	2487.70	2523.69	1.36	ppb
Beryllium	9-1	520.51	516.37	510.71	515.86	0.95	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	11-1	517.15	522.50	522.04	520.56	0.57	ppb
Boron	10-1	514.26	542.45	519.07	525.26	2.87	ppb
Cadmium	106-1	502.78	492.15	478.63	491.19	2.46	ppb
Cadmium	108-1	496.01	506.78	487.01	496.60	1.99	ppb
Cadmium	111-1	494.72	494.49	489.74	492.98	0.57	ppb
Calcium	43-1	250550.44	256802.17	255938.18	254430.26	1.33	ppb
Calcium	44-1	252295.89	253039.26	250902.16	252079.10	0.43	ppb
Chromium	52-2	506.02	515.69	510.37	510.69	0.95	ppb
Cobalt	59-2	491.59	501.70	497.19	496.83	1.02	ppb
Copper	63-2	965.17	979.31	974.02	972.83	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				115		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	126885.86	127680.15	128500.05	127688.68	0.63	ppb
Iron	57-2	129563.73	130780.67	129964.11	130102.84	0.48	ppb
Krypton	83-1						cps
Lead	207-1	501.28	512.86	508.85	507.66	1.16	ppb
Lead	208-1	506.05	513.38	516.46	511.96	1.05	ppb
Lead	206-1	506.04	514.47	512.23	510.91	0.85	ppb
Lithium	6-1				106		%
Magnesium	24-2	252311.34	250268.15	249451.80	250677.10	0.59	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:07:49	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.08	1019.83	1009.46	1011.12	0.79	ppb
Molybdenum	94-1	2537.33	2551.87	2599.11	2562.77	1.26	ppb
Molybdenum	95-1	2528.14	2543.75	2545.63	2539.17	0.38	ppb
Molybdenum	96-1	2533.11	2541.83	2561.27	2545.40	0.57	ppb
Molybdenum	97-1	2553.07	2566.19	2607.41	2575.56	1.10	ppb
Molybdenum	98-1	2522.14	2541.29	2553.12	2538.85	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.98	504.65	500.93	500.19	0.98	ppb
Phosphorus	31-2	10039.58	9996.27	10718.78	10251.54	3.95	ppb
Potassium	39-2	125108.07	126450.96	126121.68	125893.57	0.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	485.58	467.54	504.25	485.79	3.78	ppb
Selenium	78-2	480.21	515.08	511.15	502.15	3.80	ppb
Selenium	82-1	495.74	506.24	499.61	500.53	1.06	ppb
Silicon	28-1	330.27	355.76	345.52	343.85	3.73	ppb
Silver	109-1	503.19	505.84	497.91	502.31	0.80	ppb
Silver	107-1	504.28	506.59	493.29	501.38	1.42	ppb
Sodium	23-2	251567.13	252189.33	248504.82	250753.76	0.79	ppb
Strontium	86-1	496.36	501.74	506.14	501.42	0.98	ppb
Strontium	88-1	501.55	507.30	512.47	507.11	1.08	ppb
Sulfur	34-1	8961.28	8482.18	7986.86	8476.77	5.75	ppb
Terbium	159-1				113		%
Terbium	159-2				113		%
Thallium	203-1	498.91	507.67	507.13	504.57	0.97	ppb
Thallium	205-1	500.80	516.04	523.32	513.39	2.24	ppb
Tin	118-1	495.31	501.39	496.81	497.84	0.64	ppb
Titanium	47-1	2495.96	2533.27	2500.18	2509.80	0.81	ppb
Uranium	238-1	521.65	543.34	530.05	531.68	2.06	ppb
Vanadium	51-2	511.11	514.33	513.73	513.06	0.33	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	989.32	1009.72	998.21	999.08	1.02	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:07:49	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.07	517.91	518.23	516.73	0.45	ppb
Zirconium	91-1	507.05	510.97	517.04	511.69	0.98	ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : CCB72 Instrumnet Name : P8
 Client Sample ID : CCB72 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 21:13:21 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.55	5.22	5.66	5.48	4.21	ppb
Antimony	121-1	0.06	0.05	0.07	0.06	23.31	ppb
Arsenic	75-1	-0.04	0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.11	0.00	-0.04		ppb
Barium	137-1	-0.01	-0.06	0.07	0.00		ppb
Beryllium	9-1	-0.02	-0.02	0.01	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	11-1	8.64	7.32	7.31	7.76	9.89	ppb
Boron	10-1	8.86	6.23	4.23	6.44	36.06	ppb
Cadmium	106-1	-0.58	-0.65	-3.42	-1.55		ppb
Cadmium	108-1	-0.08	-0.24	-0.08	-0.13		ppb
Cadmium	111-1	-0.10	-0.09	-0.27	-0.15		ppb
Calcium	43-1	-43.85	-34.02	-31.49	-36.45		ppb
Calcium	44-1	-14.29	-22.53	3.78	-11.01		ppb
Chromium	52-2	0.12	0.11	0.27	0.17	52.56	ppb
Cobalt	59-2	-0.06	-0.04	-0.04	-0.05		ppb
Copper	63-2	0.26	0.26	0.26	0.26	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				108		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	9.87	12.68	11.69	11.42	12.49	ppb
Iron	57-2	10.47	12.40	11.87	11.58	8.62	ppb
Krypton	83-1						cps
Lead	207-1	0.32	0.36	0.35	0.34	6.84	ppb
Lead	208-1	0.37	0.35	0.33	0.35	7.01	ppb
Lead	206-1	0.38	0.37	0.29	0.35	15.48	ppb
Lithium	6-1				107		%
Magnesium	24-2	21.10	21.54	20.79	21.14	1.78	ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : CCB72 Instrumnet Name : P8
 Client Sample ID : CCB72 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 21:13:21 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.04	0.08	0.06	36.92	ppb
Molybdenum	94-1	0.08	0.00	0.10	0.06	83.74	ppb
Molybdenum	95-1	0.02	-0.02	0.09	0.03	197.15	ppb
Molybdenum	96-1	0.07	0.05	0.13	0.08	50.09	ppb
Molybdenum	97-1	0.03	-0.03	0.13	0.04	188.80	ppb
Molybdenum	98-1	0.04	0.00	0.12	0.05	118.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.02	-0.03	-0.04		ppb
Phosphorus	31-2	-63.24	-73.16	-33.21	-56.54		ppb
Potassium	39-2	28.41	10.18	7.79	15.46	72.92	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	2.22	0.00	0.00	0.74	173.21	ppb
Selenium	78-2	-0.57	1.24	1.23	0.63	163.97	ppb
Selenium	82-1	-1.14	-0.57	-1.17	-0.96		ppb
Silicon	28-1	-331.67	-375.04	-251.37	-319.36		ppb
Silver	109-1	0.03	0.05	0.06	0.05	27.87	ppb
Silver	107-1	0.06	0.06	0.03	0.05	34.35	ppb
Sodium	23-2	67.85	70.19	71.31	69.78	2.53	ppb
Strontium	86-1	-0.11	-0.14	-0.19	-0.15		ppb
Strontium	88-1	0.01	0.00	0.02	0.01	87.53	ppb
Sulfur	34-1	-6444.85	-6603.01	-6403.35	-6483.74		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	0.01	0.03	0.01	389.79	ppb
Thallium	205-1	0.01	-0.01	0.02	0.01	247.20	ppb
Tin	118-1	0.15	0.08	0.07	0.10	40.21	ppb
Titanium	47-1	-2.37	-1.64	-1.47	-1.82		ppb
Uranium	238-1	-0.07	-0.07	-0.04	-0.06		ppb
Vanadium	51-2	-0.02	0.02	0.04	0.01	225.28	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	-0.20	-0.20	-0.06	-0.15		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:13:21	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.01	0.03	0.02	53.64	ppb
Zirconium	91-1	-0.02	0.02	0.01	0.00	670.70	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 21:16:53	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.16	4.44	4.51	4.37	4.19	ppb
Antimony	121-1	0.03	0.06	0.04	0.04	39.28	ppb
Arsenic	75-1	0.02	0.12	0.06	0.07	69.74	ppb
Barium	135-1	0.06	0.18	0.09	0.11	56.87	ppb
Barium	137-1	0.06	0.36	0.23	0.21	70.62	ppb
Beryllium	9-1	-0.03	-0.02	-0.03	-0.02		ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	11-1	4.54	4.89	4.59	4.67	4.11	ppb
Boron	10-1	3.84	6.28	5.78	5.30	24.27	ppb
Cadmium	106-1	-3.99	2.89	-1.93	-1.01		ppb
Cadmium	108-1	-0.01	-0.25	-0.08	-0.11		ppb
Cadmium	111-1	-0.35	0.21	-0.14	-0.09		ppb
Calcium	43-1	27084.42	27308.50	27209.69	27200.87	0.41	ppb
Calcium	44-1	27014.63	27762.72	27225.56	27334.30	1.41	ppb
Chromium	52-2	-0.02	-0.11	-0.08	-0.07		ppb
Cobalt	59-2	-0.07	-0.08	-0.07	-0.07		ppb
Copper	63-2	0.14	0.06	0.10	0.10	43.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				112		%
Indium	115-1				113		%
Indium	115-2				111		%
Iron	56-2	7.85	5.24	6.53	6.54	19.94	ppb
Iron	57-2	8.71	10.14	7.90	8.92	12.72	ppb
Krypton	83-1						cps
Lead	207-1	0.21	0.26	0.33	0.27	21.30	ppb
Lead	208-1	0.26	0.33	0.37	0.32	18.05	ppb
Lead	206-1	0.24	0.36	0.45	0.35	31.34	ppb
Lithium	6-1				109		%
Magnesium	24-2	5815.88	5688.24	5925.27	5809.80	2.04	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 21:16:53	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.12	0.13	0.12	7.58	ppb
Molybdenum	94-1	0.14	0.31	0.21	0.22	38.97	ppb
Molybdenum	95-1	0.11	0.22	0.25	0.19	37.88	ppb
Molybdenum	96-1	0.12	0.27	0.17	0.19	41.90	ppb
Molybdenum	97-1	0.11	0.28	0.27	0.22	42.20	ppb
Molybdenum	98-1	0.08	0.24	0.22	0.18	49.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.08	-0.09	-0.06		ppb
Phosphorus	31-2	-37.08	-36.19	-83.02	-52.10		ppb
Potassium	39-2	13818.53	13798.33	14274.67	13963.84	1.93	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	0.00	2.16	4.32	2.16	100.00	ppb
Selenium	78-2	-0.61	0.12	-1.29	-0.59		ppb
Selenium	82-1	-0.21	1.62	-1.19	0.07	1908.08	ppb
Silicon	28-1	-994.25	-805.77	-743.33	-847.78		ppb
Silver	109-1	0.05	0.06	0.04	0.05	15.35	ppb
Silver	107-1	0.05	0.06	0.04	0.05	21.62	ppb
Sodium	23-2	29500.59	30097.46	30642.76	30080.27	1.90	ppb
Strontium	86-1	3.29	3.09	3.61	3.33	7.82	ppb
Strontium	88-1	3.11	3.12	3.07	3.10	0.87	ppb
Sulfur	34-1	-8810.67	-6887.39	-6401.26	-7366.44		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	-0.04	0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.02	0.00	0.01	0.00		ppb
Tin	118-1	-0.02	0.04	0.03	0.02	233.05	ppb
Titanium	47-1	-1.98	-2.40	-1.43	-1.94		ppb
Uranium	238-1	-0.07	-0.05	-0.05	-0.06		ppb
Vanadium	51-2	-0.02	-0.01	0.01	-0.01		ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	-0.70	-0.58	-0.61	-0.63		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 21:16:53	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.02	0.00	282.10	ppb
Zirconium	91-1	-0.04	-0.02	0.00	-0.02		ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : PB117933BL Instrumnet Name : P8
 Client Sample ID : PB117933BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 21:20:24 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.34	0.67	3.04	2.35	62.14	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	16.85	ppb
Arsenic	75-1	-0.06	-0.14	-0.07	-0.09		ppb
Barium	135-1	-0.05	-0.11	-0.05	-0.07		ppb
Barium	137-1	-0.08	-0.08	-0.06	-0.07		ppb
Beryllium	9-1	-0.03	-0.08	0.00	-0.04		ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	11-1	5.21	4.28	4.27	4.58	11.76	ppb
Boron	10-1	4.53	4.99	3.88	4.47	12.48	ppb
Cadmium	106-1	-1.25	-0.65	0.59	-0.44		ppb
Cadmium	108-1	-0.15	0.01	-0.24	-0.13		ppb
Cadmium	111-1	-0.15	-0.11	0.01	-0.09		ppb
Calcium	43-1	-32.94	-57.45	-39.53	-43.31		ppb
Calcium	44-1	-19.60	-18.45	-19.70	-19.25		ppb
Chromium	52-2	0.17	0.04	0.08	0.10	70.52	ppb
Cobalt	59-2	-0.07	-0.07	-0.08	-0.07		ppb
Copper	63-2	0.05	-0.01	0.05	0.03	111.96	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				107		%
Indium	115-2				105		%
Iron	56-2	4.39	5.07	5.94	5.13	15.14	ppb
Iron	57-2	8.66	4.56	6.01	6.41	32.45	ppb
Krypton	83-1						cps
Lead	207-1	0.12	0.11	0.11	0.11	2.85	ppb
Lead	208-1	0.06	0.10	0.11	0.09	27.69	ppb
Lead	206-1	0.05	0.09	0.08	0.07	28.08	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.99	10.16	11.17	9.77	16.62	ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : PB117933BL Instrumnet Name : P8
 Client Sample ID : PB117933BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 21:20:24 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	94-1	0.09	0.03	0.05	0.05	55.02	ppb
Molybdenum	95-1	-0.05	-0.03	-0.03	-0.04		ppb
Molybdenum	96-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	97-1	-0.03	-0.04	0.05	-0.01		ppb
Molybdenum	98-1	-0.04	-0.02	-0.01	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.10	-0.06	-0.07		ppb
Phosphorus	31-2	-32.86	-53.57	-62.96	-49.80		ppb
Potassium	39-2	13.30	-2.13	0.93	4.03	202.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-0.19	-0.55	-0.43		ppb
Selenium	82-1	0.32	-2.22	0.10	-0.60		ppb
Silicon	28-1	-427.29	-395.13	-401.85	-408.09		ppb
Silver	109-1	0.03	0.04	0.02	0.03	31.24	ppb
Silver	107-1	0.05	0.04	0.01	0.03	55.06	ppb
Sodium	23-2	44.21	40.95	43.25	42.80	3.92	ppb
Strontium	86-1	-0.13	-0.05	-0.02	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	205.62	ppb
Sulfur	34-1	-2340.40	-2074.84	-2458.93	-2291.39		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.00	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.01	0.01	-0.01		ppb
Tin	118-1	0.04	0.06	0.06	0.05	20.05	ppb
Titanium	47-1	-0.52	-0.57	-1.31	-0.80		ppb
Uranium	238-1	-0.07	-0.07	-0.06	-0.07		ppb
Vanadium	51-2	-0.02	-0.03	-0.01	-0.02		ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	-0.75	-0.87	-0.75	-0.79		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BL	Instrumnet Name :	P8
Client Sample ID :	PB117933BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:20:24	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	133.15	ppb
Zirconium	91-1	-0.02	-0.02	0.01	-0.01		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BS	Instrumnet Name :	P8
Client Sample ID :	PB117933BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:23:57	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9404.79	9610.86	9429.95	9481.86	1.19	ppb
Antimony	121-1	530.20	522.31	477.59	510.04	5.56	ppb
Arsenic	75-1	502.81	502.27	468.62	491.23	3.99	ppb
Barium	135-1	2554.76	2619.39	2370.16	2514.77	5.14	ppb
Barium	137-1	2625.06	2619.85	2389.93	2544.95	5.28	ppb
Beryllium	9-1	502.68	497.08	469.77	489.84	3.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	11-1	492.53	494.00	472.95	486.49	2.42	ppb
Boron	10-1	491.09	487.59	463.27	480.65	3.15	ppb
Cadmium	106-1	512.02	506.97	461.64	493.54	5.62	ppb
Cadmium	108-1	530.46	519.80	483.95	511.41	4.76	ppb
Cadmium	111-1	521.23	520.65	476.85	506.24	5.03	ppb
Calcium	43-1	49738.29	50048.68	46775.48	48854.15	3.70	ppb
Calcium	44-1	49308.92	49597.36	46604.39	48503.56	3.40	ppb
Chromium	52-2	495.58	504.61	494.17	498.12	1.14	ppb
Cobalt	59-2	491.55	501.08	495.09	495.91	0.97	ppb
Copper	63-2	987.07	1012.94	991.09	997.04	1.40	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				111		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	24733.67	25140.32	24639.54	24837.84	1.07	ppb
Iron	57-2	24617.50	25279.43	24625.07	24840.66	1.53	ppb
Krypton	83-1						cps
Lead	207-1	509.33	506.62	465.98	493.98	4.92	ppb
Lead	208-1	507.92	503.99	463.25	491.72	5.03	ppb
Lead	206-1	506.92	505.55	462.06	491.51	5.19	ppb
Lithium	6-1				104		%
Magnesium	24-2	51706.10	52870.71	51143.87	51906.89	1.70	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BS	Instrumnet Name :	P8
Client Sample ID :	PB117933BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:23:57	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.29	1009.20	1004.81	1001.10	1.04	ppb
Molybdenum	94-1	2540.36	2542.62	2358.60	2480.53	4.26	ppb
Molybdenum	95-1	2509.64	2502.45	2354.20	2455.43	3.57	ppb
Molybdenum	96-1	2530.76	2516.99	2342.68	2463.48	4.26	ppb
Molybdenum	97-1	2572.98	2541.82	2370.15	2494.98	4.38	ppb
Molybdenum	98-1	2550.28	2489.33	2353.06	2464.22	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.53	512.84	499.72	503.70	1.58	ppb
Phosphorus	31-2	9343.67	9535.78	9031.27	9303.57	2.74	ppb
Potassium	39-2	23660.66	24390.92	24193.16	24081.58	1.57	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	488.85	511.30	489.98	496.71	2.55	ppb
Selenium	78-2	499.45	509.36	470.02	492.94	4.15	ppb
Selenium	82-1	505.24	495.89	470.68	490.60	3.64	ppb
Silicon	28-1	250.43	252.36	-222.77	93.34	293.30	ppb
Silver	109-1	527.02	514.24	492.06	511.11	3.46	ppb
Silver	107-1	518.79	520.89	483.02	507.57	4.19	ppb
Sodium	23-2	50473.44	51061.24	50101.18	50545.29	0.96	ppb
Strontium	86-1	499.64	500.31	466.56	488.84	3.95	ppb
Strontium	88-1	507.11	506.23	471.24	494.86	4.13	ppb
Sulfur	34-1	8632.20	7863.67	3863.14	6786.34	37.73	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	500.03	505.15	459.66	488.28	5.10	ppb
Thallium	205-1	514.01	517.16	477.23	502.80	4.42	ppb
Tin	118-1	510.12	513.54	471.78	498.48	4.65	ppb
Titanium	47-1	2503.06	2483.05	2326.39	2437.50	3.97	ppb
Uranium	238-1	500.65	501.77	472.98	491.80	3.32	ppb
Vanadium	51-2	494.93	510.42	497.69	501.01	1.65	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	1018.67	1023.03	1023.73	1021.81	0.27	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BS	Instrumnet Name :	P8
Client Sample ID :	PB117933BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:23:57	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.79	501.55	469.08	496.14	5.00	ppb
Zirconium	91-1	504.87	499.56	466.28	490.24	4.27	ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : PB117935BL Instrumnet Name : P8
 Client Sample ID : PB117935BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 21:27:22 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.96	2.91	2.28	1.41	147.31	ppb
Antimony	121-1	0.20	0.22	0.17	0.20	13.53	ppb
Arsenic	75-1	0.02	0.09	0.06	0.06	64.36	ppb
Barium	135-1	0.07	0.19	0.19	0.15	48.10	ppb
Barium	137-1	0.20	0.34	0.24	0.26	26.03	ppb
Beryllium	9-1	-0.01	0.06	-0.02	0.01	517.80	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	11-1	8.08	7.53	7.98	7.86	3.71	ppb
Boron	10-1	10.41	7.01	9.69	9.04	19.83	ppb
Cadmium	106-1	-0.10	-3.51	-3.52	-2.38		ppb
Cadmium	108-1	-0.16	-0.17	-0.17	-0.16		ppb
Cadmium	111-1	-0.03	-0.26	-0.27	-0.19		ppb
Calcium	43-1	-36.05	-27.78	-45.07	-36.30		ppb
Calcium	44-1	-26.51	-10.09	-21.43	-19.34		ppb
Chromium	52-2	0.17	0.18	0.18	0.17	2.21	ppb
Cobalt	59-2	-0.04	-0.05	-0.06	-0.05		ppb
Copper	63-2	0.37	0.30	0.30	0.32	12.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	4.75	4.92	2.53	4.07	32.74	ppb
Iron	57-2	5.98	4.30	2.00	4.09	48.75	ppb
Krypton	83-1						cps
Lead	207-1	0.17	0.27	0.20	0.21	24.60	ppb
Lead	208-1	0.15	0.25	0.19	0.20	26.18	ppb
Lead	206-1	0.16	0.24	0.14	0.18	29.65	ppb
Lithium	6-1				106		%
Magnesium	24-2	5.51	4.50	2.79	4.27	32.16	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BL	Instrumnet Name :	P8
Client Sample ID :	PB117935BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:27:22	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	-0.03	-0.01		ppb
Molybdenum	94-1	0.39	0.42	0.47	0.43	9.82	ppb
Molybdenum	95-1	0.19	0.38	0.33	0.30	31.76	ppb
Molybdenum	96-1	0.28	0.41	0.32	0.34	18.82	ppb
Molybdenum	97-1	0.29	0.45	0.36	0.36	22.53	ppb
Molybdenum	98-1	0.29	0.37	0.37	0.34	14.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.11	-0.06		ppb
Phosphorus	31-2	-53.07	-73.09	-23.52	-49.89		ppb
Potassium	39-2	-7.39	-30.62	-13.47	-17.16		ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	2.24	0.75	173.21	ppb
Selenium	78-2	4.50	-0.20	-0.92	1.13	261.37	ppb
Selenium	82-1	0.29	0.38	-0.37	0.10	403.06	ppb
Silicon	28-1	-459.45	-572.34	-621.60	-551.13		ppb
Silver	109-1	0.08	0.07	0.07	0.07	11.19	ppb
Silver	107-1	0.10	0.09	0.03	0.07	49.77	ppb
Sodium	23-2	35.05	35.82	37.93	36.26	4.11	ppb
Strontium	86-1	0.15	0.24	0.07	0.15	55.33	ppb
Strontium	88-1	0.04	0.08	0.07	0.06	33.20	ppb
Sulfur	34-1	-9272.12	-9651.44	-9806.57	-9576.71		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	0.02	0.01	0.00	479.03	ppb
Thallium	205-1	0.00	0.04	0.02	0.02	107.94	ppb
Tin	118-1	0.09	0.13	0.10	0.11	24.10	ppb
Titanium	47-1	-0.65	-2.19	-1.88	-1.57		ppb
Uranium	238-1	-0.03	-0.02	-0.01	-0.02		ppb
Vanadium	51-2	-0.02	-0.03	-0.04	-0.03		ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	-0.79	-0.75	-0.62	-0.72		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BL	Instrumnet Name :	P8
Client Sample ID :	PB117935BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:27:22	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.08	0.07	0.07	32.24	ppb
Zirconium	91-1	0.01	0.03	0.14	0.06	119.55	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BS	Instrumnet Name :	P8
Client Sample ID :	PB117935BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:30:54	DataFile Name :	042LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9451.55	9369.91	8989.02	9270.16	2.66	ppb
Antimony	121-1	506.59	508.64	521.20	512.14	1.54	ppb
Arsenic	75-1	495.17	493.85	499.34	496.12	0.58	ppb
Barium	135-1	2531.81	2511.81	2566.97	2536.86	1.10	ppb
Barium	137-1	2563.06	2546.07	2589.65	2566.26	0.86	ppb
Beryllium	9-1	497.13	499.08	504.02	500.07	0.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	11-1	489.93	504.45	498.24	497.54	1.46	ppb
Boron	10-1	487.90	501.07	518.00	502.33	3.00	ppb
Cadmium	106-1	499.11	497.16	499.98	498.75	0.29	ppb
Cadmium	108-1	514.02	514.21	511.22	513.15	0.33	ppb
Cadmium	111-1	504.17	506.81	512.91	507.97	0.88	ppb
Calcium	43-1	49740.70	49699.16	50440.74	49960.20	0.83	ppb
Calcium	44-1	49440.13	49405.84	50532.95	49792.97	1.29	ppb
Chromium	52-2	495.83	492.07	478.07	488.66	1.91	ppb
Cobalt	59-2	488.96	485.52	470.11	481.53	2.08	ppb
Copper	63-2	984.80	981.45	944.67	970.31	2.29	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				110		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	24925.43	24603.85	23757.43	24428.90	2.47	ppb
Iron	57-2	24892.75	24344.76	23695.43	24310.98	2.47	ppb
Krypton	83-1						cps
Lead	207-1	498.64	493.00	490.44	494.03	0.85	ppb
Lead	208-1	497.43	489.38	488.46	491.76	1.00	ppb
Lead	206-1	495.70	493.04	488.63	492.46	0.73	ppb
Lithium	6-1				104		%
Magnesium	24-2	51277.86	50490.32	48958.76	50242.31	2.35	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BS	Instrumnet Name :	P8
Client Sample ID :	PB117935BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:30:54	DataFile Name :	042LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1003.65	992.50	953.36	983.17	2.69	ppb
Molybdenum	94-1	2460.00	2484.79	2478.68	2474.49	0.52	ppb
Molybdenum	95-1	2455.02	2453.10	2462.25	2456.79	0.20	ppb
Molybdenum	96-1	2466.79	2492.86	2478.58	2479.41	0.53	ppb
Molybdenum	97-1	2508.51	2485.93	2480.71	2491.72	0.59	ppb
Molybdenum	98-1	2492.90	2431.49	2463.05	2462.48	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.33	497.06	478.46	493.28	2.71	ppb
Phosphorus	31-2	10729.44	9906.29	8868.51	9834.75	9.48	ppb
Potassium	39-2	24132.27	23850.35	22884.76	23622.46	2.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	517.64	545.29	435.65	499.52	11.42	ppb
Selenium	78-2	500.09	494.93	476.25	490.42	2.56	ppb
Selenium	82-1	486.36	493.79	503.24	494.46	1.71	ppb
Silicon	28-1	217.94	241.62	380.63	280.06	31.39	ppb
Silver	109-1	517.86	510.80	521.08	516.58	1.02	ppb
Silver	107-1	512.08	503.24	518.99	511.44	1.54	ppb
Sodium	23-2	50442.06	50136.75	48468.66	49682.49	2.14	ppb
Strontium	86-1	485.15	491.38	496.13	490.88	1.12	ppb
Strontium	88-1	499.12	496.52	504.57	500.07	0.82	ppb
Sulfur	34-1	5909.83	4957.08	6459.05	5775.32	13.16	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	487.73	488.32	482.05	486.03	0.71	ppb
Thallium	205-1	495.06	499.03	491.62	495.24	0.75	ppb
Tin	118-1	502.52	501.12	504.93	502.85	0.38	ppb
Titanium	47-1	2494.62	2489.66	2510.13	2498.13	0.43	ppb
Uranium	238-1	491.88	498.75	486.35	492.33	1.26	ppb
Vanadium	51-2	501.61	491.58	479.42	490.87	2.26	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	1010.32	1006.34	960.45	992.37	2.79	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BS	Instrumnet Name :	P8
Client Sample ID :	PB117935BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:30:54	DataFile Name :	042LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.57	502.91	507.86	503.78	0.74	ppb
Zirconium	91-1	486.73	493.76	500.32	493.61	1.38	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:34:19	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53841.19	53767.03	51940.36	53182.86	2.02	ppb
Antimony	121-1	524.90	511.31	521.82	519.34	1.37	ppb
Arsenic	75-1	510.76	504.01	508.17	507.65	0.67	ppb
Barium	135-1	2675.74	2550.66	2614.60	2613.67	2.39	ppb
Barium	137-1	2641.16	2600.51	2651.83	2631.17	1.03	ppb
Beryllium	9-1	518.07	514.36	523.16	518.53	0.85	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	11-1	514.70	520.57	532.89	522.72	1.78	ppb
Boron	10-1	523.90	517.77	509.92	517.20	1.36	ppb
Cadmium	106-1	522.27	500.79	515.27	512.78	2.14	ppb
Cadmium	108-1	521.77	507.13	524.34	517.75	1.79	ppb
Cadmium	111-1	517.89	501.61	515.69	511.73	1.73	ppb
Calcium	43-1	254531.68	252185.10	256731.69	254482.82	0.89	ppb
Calcium	44-1	248831.87	247515.77	246330.33	247559.32	0.51	ppb
Chromium	52-2	511.44	513.27	495.41	506.71	1.94	ppb
Cobalt	59-2	500.29	511.08	489.14	500.17	2.19	ppb
Copper	63-2	987.45	1002.10	962.37	983.97	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	127729.99	130378.03	124420.51	127509.51	2.34	ppb
Iron	57-2	128905.83	131721.38	124429.73	128352.31	2.86	ppb
Krypton	83-1						cps
Lead	207-1	506.57	502.98	519.84	509.80	1.74	ppb
Lead	208-1	508.61	500.26	518.14	509.00	1.76	ppb
Lead	206-1	508.43	503.85	523.77	512.02	2.04	ppb
Lithium	6-1				103		%
Magnesium	24-2	250709.29	254089.75	243251.71	249350.25	2.22	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:34:19	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1021.86	1043.59	996.77	1020.74	2.30	ppb
Molybdenum	94-1	2616.36	2584.90	2578.67	2593.31	0.78	ppb
Molybdenum	95-1	2605.37	2527.82	2563.54	2565.58	1.51	ppb
Molybdenum	96-1	2626.74	2560.77	2570.14	2585.88	1.38	ppb
Molybdenum	97-1	2598.07	2593.33	2593.30	2594.90	0.11	ppb
Molybdenum	98-1	2609.71	2562.13	2584.13	2585.32	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.74	512.90	492.74	502.79	2.00	ppb
Phosphorus	31-2	10333.84	10444.64	9359.14	10045.87	5.95	ppb
Potassium	39-2	125205.87	127426.00	123540.51	125390.79	1.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	536.38	505.68	454.89	498.99	8.25	ppb
Selenium	78-2	499.19	500.56	488.65	496.13	1.31	ppb
Selenium	82-1	501.21	501.38	500.53	501.04	0.09	ppb
Silicon	28-1	246.98	168.25	222.44	212.56	18.95	ppb
Silver	109-1	512.45	497.75	517.42	509.21	2.01	ppb
Silver	107-1	513.68	506.62	493.58	504.63	2.02	ppb
Sodium	23-2	254197.45	255134.42	244834.97	251388.95	2.27	ppb
Strontium	86-1	510.88	508.26	507.53	508.89	0.35	ppb
Strontium	88-1	513.35	513.75	520.98	516.03	0.83	ppb
Sulfur	34-1	6587.13	6250.50	6182.08	6339.90	3.42	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	501.16	494.36	513.70	503.07	1.95	ppb
Thallium	205-1	511.92	513.24	528.94	518.03	1.83	ppb
Tin	118-1	520.36	503.12	519.36	514.28	1.88	ppb
Titanium	47-1	2548.35	2520.08	2544.50	2537.64	0.60	ppb
Uranium	238-1	530.14	515.26	534.73	526.71	1.93	ppb
Vanadium	51-2	516.39	524.87	501.76	514.34	2.27	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	1025.87	1042.77	997.92	1022.19	2.22	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:34:19	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	522.14	518.50	520.65	520.43	0.35	ppb
Zirconium	91-1	521.93	515.59	515.56	517.69	0.71	ppb

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : CCB73 Instrumnet Name : P8
 Client Sample ID : CCB73 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 21:39:24 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.00	4.42	0.07	2.16	100.85	ppb
Antimony	121-1	0.10	0.13	0.14	0.12	17.06	ppb
Arsenic	75-1	0.11	-0.01	-0.05	0.01	605.91	ppb
Barium	135-1	0.06	-0.01	0.20	0.08	128.77	ppb
Barium	137-1	0.10	0.01	0.27	0.13	106.92	ppb
Beryllium	9-1	0.06	-0.03	0.00	0.01	496.60	ppb
Bismuth	209-1				111		%
Bismuth	209-2				111		%
Boron	11-1	8.17	7.08	6.21	7.15	13.78	ppb
Boron	10-1	8.21	5.12	7.73	7.02	23.66	ppb
Cadmium	106-1	-4.11	-1.69	-2.95	-2.92		ppb
Cadmium	108-1	0.08	-0.33	-0.16	-0.14		ppb
Cadmium	111-1	-0.32	-0.14	-0.21	-0.22		ppb
Calcium	43-1	-39.36	-65.40	-62.64	-55.80		ppb
Calcium	44-1	-4.43	-17.12	-10.07	-10.54		ppb
Chromium	52-2	0.17	0.24	0.19	0.20	17.93	ppb
Cobalt	59-2	-0.04	-0.02	-0.07	-0.04		ppb
Copper	63-2	0.35	0.35	0.32	0.34	4.70	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				110		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	6.75	9.19	5.35	7.10	27.34	ppb
Iron	57-2	7.99	10.05	6.81	8.28	19.76	ppb
Krypton	83-1						cps
Lead	207-1	0.40	0.51	0.50	0.47	13.75	ppb
Lead	208-1	0.40	0.42	0.45	0.43	5.73	ppb
Lead	206-1	0.38	0.34	0.37	0.36	5.15	ppb
Lithium	6-1				112		%
Magnesium	24-2	14.25	17.95	7.76	13.32	38.74	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:39:24	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.01	0.02	57.31	ppb
Molybdenum	94-1	0.28	0.21	0.39	0.29	30.90	ppb
Molybdenum	95-1	0.18	0.14	0.25	0.19	29.41	ppb
Molybdenum	96-1	0.27	0.11	0.20	0.19	40.72	ppb
Molybdenum	97-1	0.17	0.14	0.23	0.18	25.32	ppb
Molybdenum	98-1	0.21	0.17	0.36	0.25	42.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-15.19	-54.39	-63.40	-44.33		ppb
Potassium	39-2	-5.60	2.88	10.17	2.48	317.79	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	1.20	0.16	0.50	121.91	ppb
Selenium	82-1	0.69	-0.29	-0.04	0.12	433.11	ppb
Silicon	28-1	-273.12	-362.16	-546.97	-394.08		ppb
Silver	109-1	0.10	0.09	0.09	0.09	7.16	ppb
Silver	107-1	0.07	0.09	0.09	0.08	13.77	ppb
Sodium	23-2	72.86	76.57	68.10	72.51	5.85	ppb
Strontium	86-1	-0.14	-0.06	0.02	-0.06		ppb
Strontium	88-1	0.04	0.02	0.07	0.04	61.46	ppb
Sulfur	34-1	-7844.90	-7923.32	-8720.60	-8162.94		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.00	0.05	0.02	115.36	ppb
Thallium	205-1	0.02	0.01	0.04	0.02	71.59	ppb
Tin	118-1	0.12	0.01	0.14	0.09	81.01	ppb
Titanium	47-1	-0.48	-0.92	-1.65	-1.02		ppb
Uranium	238-1	-0.03	-0.06	0.01	-0.03		ppb
Vanadium	51-2	0.00	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	-0.07	-0.11	-0.26	-0.15		ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:39:24	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.02	0.08	0.06	58.14	ppb
Zirconium	91-1	0.07	0.01	0.09	0.06	66.56	ppb

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:17:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	78	70	80	14.32	cps
Antimony	121-1	17	25	25	22	21.64	cps
Arsenic	75-1	489	453	428	457	6.71	cps
Barium	135-1	83	58	67	69	18.33	cps
Barium	137-1	67	100	92	86	20.14	cps
Beryllium	9-1	23	47	47	39	34.65	cps
Bismuth	209-1	1474167	1493314	1467632	1478371	0.90	cps
Bismuth	209-2	1184716	1172927	1184388	1180677	0.57	cps
Boron	11-1	175	250	183	203	20.27	cps
Boron	10-1	42	58	58	53	18.23	cps
Cadmium	106-1	2334	2259	2042	2211	6.85	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Cadmium	111-1	1659	1615	1479	1585	5.94	cps
Calcium	43-1	3080	3194	3024	3099	2.79	cps
Calcium	44-1	40749	40632	40021	40467	0.97	cps
Chromium	52-2	423	497	430	450	9.01	cps
Cobalt	59-2	157	200	183	180	12.14	cps
Copper	63-2	433	370	333	379	13.35	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	17	42	58	39	53.93	cps
Gadolinium	160-2	7	17	10	11	45.82	cps
Holmium	165-1	2586316	2599981	2614679	2600326	0.55	cps
Holmium	165-2	1717668	1692402	1701349	1703806	0.75	cps
Indium	115-1	2398660	2412525	2411014	2407400	0.32	cps
Indium	115-2	450279	452415	452350	451681	0.27	cps
Iron	56-2	583	661	683	643	8.17	cps
Iron	57-2	28	17	33	26	32.72	cps
Krypton	83-1	433	337	413	394	12.94	cps
Lead	207-1	272	211	239	241	12.71	cps
Lead	208-1	1156	1139	1117	1137	1.72	cps
Lead	206-1	350	294	289	311	10.86	cps
Lithium	6-1	164382	166329	164882	165198	0.61	cps
Magnesium	24-2	75	67	108	83	26.46	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:17:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	23	13	23	42.86	cps
Molybdenum	94-1	83	58	100	81	26.03	cps
Molybdenum	95-1	92	75	100	89	14.33	cps
Molybdenum	96-1	67	67	83	72	13.33	cps
Molybdenum	97-1	33	58	42	44	28.65	cps
Molybdenum	98-1	117	133	100	117	14.28	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	47	60	58	17.62	cps
Phosphorus	31-2	67	50	42	53	24.12	cps
Potassium	39-2	10263	9695	9954	9971	2.85	cps
Rhodium	103-1	2404008	2399359	2417178	2406848	0.38	cps
Rhodium	103-2	1639447	1689608	1671202	1666752	1.52	cps
Scandium	45-1	1653655	1682204	1685212	1673690	1.04	cps
Scandium	45-2	52960	53020	52675	52885	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	6	4	6	45.85	cps
Selenium	82-1	-27	49	15	12	312.57	cps
Silicon	28-1	6239101	6238546	6267624	6248424	0.27	cps
Silver	109-1	92	75	100	89	14.33	cps
Silver	107-1	125	100	142	122	17.16	cps
Sodium	23-2	9662	9929	9095	9562	4.45	cps
Strontium	86-1	708	517	675	633	16.17	cps
Strontium	88-1	58	42	50	50	16.67	cps
Sulfur	34-1	287357	291064	289254	289225	0.64	cps
Terbium	159-1	2763348	2795578	2802286	2787070	0.75	cps
Terbium	159-2	1754843	1762215	1771440	1762833	0.47	cps
Thallium	203-1	117	183	92	131	36.30	cps
Thallium	205-1	225	283	258	256	11.45	cps
Tin	118-1	175	100	150	142	26.95	cps
Titanium	47-1	5210	5176	5626	5337	4.70	cps
Uranium	238-1	317	383	400	367	12.03	cps
Vanadium	51-2	33	43	63	47	32.74	cps
Yttrium	89-1	2691554	2789914	2758726	2746732	1.83	cps
Yttrium	89-2	350446	352497	349665	350869	0.42	cps
Zinc	66-2	217	217	183	206	9.36	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:17:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	167	258	167	197	26.84	cps
Zirconium	91-1	92	92	133	106	22.79	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:24:54	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218	233	228	226	3.38	cps
Antimony	121-1	5235	5543	5160	5312	3.83	cps
Arsenic	75-1	1239	1523	1243	1335	12.19	cps
Barium	135-1	5468	6218	5643	5777	6.80	cps
Barium	137-1	10179	10396	10046	10207	1.73	cps
Beryllium	9-1	350	370	330	350	5.71	cps
Bismuth	209-1	1465820	1479529	1489097	1478149	0.79	cps
Bismuth	209-2	1221637	1156871	1230880	1203130	3.35	cps
Boron	11-1	5160	4984	4951	5032	2.23	cps
Boron	10-1	908	1000	975	961	4.93	cps
Cadmium	106-1	2292	2017	2142	2150	6.40	cps
Cadmium	108-1	88	96	79	88	9.53	cps
Cadmium	111-1	2260	1974	2136	2123	6.75	cps
Calcium	43-1	6588	6528	6798	6638	2.14	cps
Calcium	44-1	99499	99351	99271	99374	0.12	cps
Chromium	52-2	2200	2120	2144	2155	1.91	cps
Cobalt	59-2	1457	1787	1757	1667	10.95	cps
Copper	63-2	2860	2964	2887	2904	1.85	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	8	0	8	100.02	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	25	67	42	44	47.19	cps
Gadolinium	160-2	17	7	0	8	107.84	cps
Holmium	165-1	2634941	2600051	2641343	2625445	0.85	cps
Holmium	165-2	1808261	1697723	1790283	1765423	3.36	cps
Indium	115-1	2458227	2399297	2471523	2443015	1.57	cps
Indium	115-2	442755	440564	467124	450148	3.28	cps
Iron	56-2	33063	33374	33507	33315	0.68	cps
Iron	57-2	872	850	828	850	2.61	cps
Krypton	83-1	387	353	377	372	4.60	cps
Lead	207-1	1311	1439	1456	1402	5.64	cps
Lead	208-1	6095	6573	6223	6297	3.93	cps
Lead	206-1	1550	1645	1489	1561	5.02	cps
Lithium	6-1	162473	161949	163361	162594	0.44	cps
Magnesium	24-2	17705	16243	17161	17036	4.34	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:24:54	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327	400	400	376	11.27	cps
Molybdenum	94-1	5043	5001	4818	4954	2.42	cps
Molybdenum	95-1	6435	6619	6318	6457	2.34	cps
Molybdenum	96-1	7344	6994	6927	7088	3.16	cps
Molybdenum	97-1	4309	4026	3684	4006	7.81	cps
Molybdenum	98-1	10663	10621	9220	10168	8.08	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	517	517	507	513	1.13	cps
Phosphorus	31-2	75	92	75	81	11.95	cps
Potassium	39-2	24156	24230	24981	24456	1.87	cps
Rhodium	103-1	2378817	2373366	2439208	2397130	1.52	cps
Rhodium	103-2	1602218	1634862	1698251	1645110	2.97	cps
Scandium	45-1	1660699	1647730	1657630	1655353	0.41	cps
Scandium	45-2	52610	51524	54217	52784	2.57	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	31	33	30	31	5.88	cps
Selenium	82-1	250	310	269	276	10.97	cps
Silicon	28-1	6159672	6204507	6172632	6178937	0.37	cps
Silver	109-1	3192	3109	3309	3203	3.14	cps
Silver	107-1	3509	3276	3359	3381	3.50	cps
Sodium	23-2	52706	51478	51729	51971	1.25	cps
Strontium	86-1	1534	1375	1450	1453	5.45	cps
Strontium	88-1	6627	6585	7186	6799	4.93	cps
Sulfur	34-1	292801	295402	292010	293404	0.60	cps
Terbium	159-1	2760667	2806821	2816062	2794517	1.06	cps
Terbium	159-2	1788772	1716247	1829291	1778103	3.22	cps
Thallium	203-1	1684	1867	1759	1770	5.21	cps
Thallium	205-1	3968	4259	4209	4145	3.76	cps
Tin	118-1	9679	9729	10213	9874	2.99	cps
Titanium	47-1	7135	7527	7086	7249	3.34	cps
Uranium	238-1	4785	4568	4643	4665	2.36	cps
Vanadium	51-2	3557	3574	3404	3512	2.67	cps
Yttrium	89-1	2742355	2709501	2781369	2744408	1.31	cps
Yttrium	89-2	341018	346459	365583	351020	3.68	cps
Zinc	66-2	473	397	423	431	9.03	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:24:54	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4184	3901	4193	4093	4.06	cps
Zirconium	91-1	958	842	975	925	7.85	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 18:28:50 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7937	7887	7852	7892	0.54	cps
Antimony	121-1	149572	149218	148765	149185	0.27	cps
Arsenic	75-1	49126	49720	48767	49204	0.98	cps
Barium	135-1	150436	146050	148914	148467	1.50	cps
Barium	137-1	258484	252719	254532	255245	1.15	cps
Beryllium	9-1	16266	15966	16109	16114	0.93	cps
Bismuth	209-1	1528431	1529424	1522736	1526864	0.24	cps
Bismuth	209-2	1225668	1239456	1218109	1227744	0.88	cps
Boron	11-1	10754	10654	10021	10476	3.80	cps
Boron	10-1	1992	1825	1934	1917	4.41	cps
Cadmium	106-1	6002	6152	5910	6021	2.03	cps
Cadmium	108-1	2629	2734	2509	2624	4.29	cps
Cadmium	111-1	36922	36971	36533	36808	0.65	cps
Calcium	43-1	42217	42106	42260	42194	0.19	cps
Calcium	44-1	681416	678934	674698	678349	0.50	cps
Chromium	52-2	47929	47437	46782	47382	1.21	cps
Cobalt	59-2	83515	84957	83948	84140	0.88	cps
Copper	63-2	136640	135197	134436	135425	0.83	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	0	6	86.60	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	8	0	8	6	86.60	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Holmium	165-1	2704971	2696061	2729140	2710058	0.63	cps
Holmium	165-2	1828570	1837287	1790053	1818637	1.38	cps
Indium	115-1	2567039	2462589	2507985	2512537	2.08	cps
Indium	115-2	467982	469491	461808	466427	0.87	cps
Iron	56-2	1697797	1708922	1738822	1715180	1.24	cps
Iron	57-2	41618	40376	42198	41397	2.25	cps
Krypton	83-1	367	477	363	402	16.03	cps
Lead	207-1	63498	61454	61801	62251	1.76	cps
Lead	208-1	279736	278446	277159	278447	0.46	cps
Lead	206-1	69613	69239	69495	69449	0.28	cps
Lithium	6-1	164362	164457	164782	164534	0.13	cps
Magnesium	24-2	176029	177833	177790	177217	0.58	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:28:50	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34078	33126	33233	33479	1.56	cps
Molybdenum	94-1	261875	259378	263266	261506	0.75	cps
Molybdenum	95-1	323137	319550	322454	321714	0.59	cps
Molybdenum	96-1	355420	351936	357240	354865	0.76	cps
Molybdenum	97-1	195584	198650	195424	196552	0.93	cps
Molybdenum	98-1	506538	506745	503135	505472	0.40	cps
Neodymium	150-1	33	7	7	16	98.96	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24315	24412	24505	24411	0.39	cps
Phosphorus	31-2	892	1000	1050	981	8.25	cps
Potassium	39-2	85358	86473	85645	85825	0.67	cps
Rhodium	103-1	2450417	2457793	2466887	2458366	0.34	cps
Rhodium	103-2	1697761	1684928	1673647	1685445	0.72	cps
Scandium	45-1	1689178	1717550	1720582	1709103	1.01	cps
Scandium	45-2	54710	53994	53568	54090	1.07	cps
Selenium	77-2	113	63	47	74	46.61	cps
Selenium	78-2	235	261	263	253	6.14	cps
Selenium	82-1	2405	2377	2557	2446	3.96	cps
Silicon	28-1	6223555	6192826	6230364	6215581	0.32	cps
Silver	109-1	154713	156442	154158	155105	0.77	cps
Silver	107-1	160641	161079	163619	161779	0.99	cps
Sodium	23-2	458859	459687	452939	457162	0.80	cps
Strontium	86-1	42869	42434	41238	42180	2.00	cps
Strontium	88-1	361532	361628	359548	360903	0.33	cps
Sulfur	34-1	301079	300228	300347	300551	0.15	cps
Terbium	159-1	2875008	2866724	2911736	2884489	0.83	cps
Terbium	159-2	1807802	1841296	1781770	1810289	1.65	cps
Thallium	203-1	85606	86822	89121	87183	2.05	cps
Thallium	205-1	204701	205418	206730	205617	0.50	cps
Tin	118-1	98553	96472	99217	98081	1.46	cps
Titanium	47-1	95962	96944	96331	96412	0.51	cps
Uranium	238-1	239484	237057	235971	237504	0.76	cps
Vanadium	51-2	34843	34352	34236	34477	0.94	cps
Yttrium	89-1	2825367	2809665	2783055	2806029	0.76	cps
Yttrium	89-2	360120	364504	361970	362198	0.61	cps
Zinc	66-2	18212	18316	18082	18203	0.64	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:28:50	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	219435	217707	218269	218470	0.40	cps
Zirconium	91-1	48872	48329	48672	48624	0.56	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:32:44	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19601	19982	20172	19918	1.46	cps
Antimony	121-1	381422	384245	386517	384062	0.66	cps
Arsenic	75-1	124863	124129	126919	125304	1.15	cps
Barium	135-1	381712	384778	385002	383831	0.48	cps
Barium	137-1	661136	664780	663694	663203	0.28	cps
Beryllium	9-1	41273	41129	42091	41498	1.25	cps
Bismuth	209-1	1587949	1661048	1604610	1617869	2.37	cps
Bismuth	209-2	1259373	1277426	1273119	1269973	0.74	cps
Boron	11-1	26868	26484	26951	26768	0.93	cps
Boron	10-1	5109	5001	5410	5173	4.09	cps
Cadmium	106-1	11222	11564	11889	11558	2.89	cps
Cadmium	108-1	6769	6443	6360	6524	3.31	cps
Cadmium	111-1	89602	91305	92934	91280	1.83	cps
Calcium	43-1	100576	101967	102970	101838	1.18	cps
Calcium	44-1	1676880	1662632	1710252	1683255	1.45	cps
Chromium	52-2	120295	120763	120833	120630	0.24	cps
Cobalt	59-2	210814	211643	213154	211870	0.56	cps
Copper	63-2	341366	339663	339228	340086	0.33	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	20	10	13	14	35.26	cps
Holmium	165-1	2851339	2941021	2794705	2862355	2.58	cps
Holmium	165-2	1822061	1857996	1843681	1841246	0.98	cps
Indium	115-1	2575902	2719185	2550988	2615358	3.47	cps
Indium	115-2	464128	474897	468592	469206	1.15	cps
Iron	56-2	4258289	4263284	4303345	4274973	0.58	cps
Iron	57-2	107573	105132	104998	105901	1.37	cps
Krypton	83-1	367	357	413	379	7.98	cps
Lead	207-1	159075	162410	164707	162064	1.75	cps
Lead	208-1	715800	726962	732787	725183	1.19	cps
Lead	206-1	177549	178748	178601	178299	0.37	cps
Lithium	6-1	173478	175893	169036	172802	2.01	cps
Magnesium	24-2	442132	445927	440194	442751	0.66	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:32:44	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83058	84253	84168	83826	0.80	cps
Molybdenum	94-1	660681	670441	670145	667089	0.83	cps
Molybdenum	95-1	807867	819946	829657	819157	1.33	cps
Molybdenum	96-1	898674	903051	914461	905395	0.90	cps
Molybdenum	97-1	504281	493333	512134	503249	1.88	cps
Molybdenum	98-1	1300671	1300428	1322955	1308018	0.99	cps
Neodymium	150-1	20	13	40	24	56.78	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	60183	60046	61723	60651	1.54	cps
Phosphorus	31-2	2034	2242	2184	2153	4.99	cps
Potassium	39-2	203119	202469	201033	202207	0.53	cps
Rhodium	103-1	2541427	2612848	2480667	2544981	2.60	cps
Rhodium	103-2	1690112	1725519	1692584	1702738	1.16	cps
Scandium	45-1	1784605	1833885	1737519	1785336	2.70	cps
Scandium	45-2	53415	53244	54291	53650	1.05	cps
Selenium	77-2	123	180	227	177	29.29	cps
Selenium	78-2	644	641	648	644	0.57	cps
Selenium	82-1	6329	6415	6278	6341	1.09	cps
Silicon	28-1	6407988	6336087	6374102	6372726	0.56	cps
Silver	109-1	395191	390736	398501	394810	0.99	cps
Silver	107-1	415020	417210	416095	416109	0.26	cps
Sodium	23-2	1143178	1160635	1135962	1146592	1.11	cps
Strontium	86-1	107161	107412	108302	107625	0.56	cps
Strontium	88-1	918033	927581	945996	930536	1.53	cps
Sulfur	34-1	316141	308750	311189	312026	1.21	cps
Terbium	159-1	3024955	3130219	2948649	3034608	3.00	cps
Terbium	159-2	1852007	1894355	1864960	1870440	1.16	cps
Thallium	203-1	226456	226934	228918	227436	0.57	cps
Thallium	205-1	531232	543000	539100	537777	1.11	cps
Tin	118-1	248628	246609	253786	249674	1.48	cps
Titanium	47-1	237338	238578	239144	238353	0.39	cps
Uranium	238-1	620058	628452	629767	626092	0.84	cps
Vanadium	51-2	87109	87468	86870	87149	0.35	cps
Yttrium	89-1	2912758	2999471	2874544	2928924	2.19	cps
Yttrium	89-2	363913	368129	360362	364134	1.07	cps
Zinc	66-2	45655	45990	45538	45728	0.51	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:32:44	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	554217	557335	563244	558265	0.82	cps
Zirconium	91-1	122885	121970	126048	123635	1.73	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 18:36:36 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39520	39349	39146	39338	0.48	cps
Antimony	121-1	776211	780735	778589	778512	0.29	cps
Arsenic	75-1	250735	248410	249314	249486	0.47	cps
Barium	135-1	783663	786182	776807	782218	0.62	cps
Barium	137-1	1351334	1348224	1340690	1346749	0.41	cps
Beryllium	9-1	81627	82173	81811	81870	0.34	cps
Bismuth	209-1	1665229	1622582	1629597	1639136	1.40	cps
Bismuth	209-2	1276026	1279867	1297180	1284358	0.88	cps
Boron	11-1	52589	54070	54312	53657	1.74	cps
Boron	10-1	10413	10371	10321	10368	0.44	cps
Cadmium	106-1	21301	21443	21777	21507	1.14	cps
Cadmium	108-1	13232	13361	12890	13161	1.85	cps
Cadmium	111-1	186201	185659	183582	185147	0.75	cps
Calcium	43-1	203793	201962	201704	202486	0.56	cps
Calcium	44-1	3278535	3254163	3281183	3271294	0.46	cps
Chromium	52-2	234409	234044	234990	234481	0.20	cps
Cobalt	59-2	414059	415034	415001	414698	0.13	cps
Copper	63-2	659166	663440	673135	665247	1.08	cps
Dysprosium	156-1	25	67	17	36	74.18	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	25	42	50	39	32.73	cps
Gadolinium	160-2	10	20	7	12	56.76	cps
Holmium	165-1	2925626	2841003	2883190	2883273	1.47	cps
Holmium	165-2	1851464	1894419	1876348	1874077	1.15	cps
Indium	115-1	2657708	2588544	2591005	2612419	1.50	cps
Indium	115-2	466707	467885	471117	468570	0.49	cps
Iron	56-2	8279284	8326277	8235079	8280213	0.55	cps
Iron	57-2	205797	209689	208221	207903	0.95	cps
Krypton	83-1	380	390	447	406	8.87	cps
Lead	207-1	330627	332616	326561	329935	0.94	cps
Lead	208-1	1474680	1493368	1462124	1476724	1.06	cps
Lead	206-1	361208	365952	355134	360765	1.50	cps
Lithium	6-1	173259	168451	171992	171234	1.46	cps
Magnesium	24-2	857457	867002	858596	861018	0.61	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:36:36	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	164213	165277	165142	164877	0.35	cps
Molybdenum	94-1	1370029	1383593	1330713	1361445	2.02	cps
Molybdenum	95-1	1702124	1716063	1679691	1699293	1.08	cps
Molybdenum	96-1	1877983	1888142	1854229	1873451	0.93	cps
Molybdenum	97-1	1012528	1030823	1005393	1016248	1.29	cps
Molybdenum	98-1	2669031	2724152	2656693	2683292	1.34	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	118733	119652	119508	119297	0.41	cps
Phosphorus	31-2	3909	4217	3842	3990	5.02	cps
Potassium	39-2	386079	385777	384515	385457	0.22	cps
Rhodium	103-1	2538478	2479923	2514641	2511014	1.17	cps
Rhodium	103-2	1702955	1721077	1707914	1710649	0.55	cps
Scandium	45-1	1778232	1697533	1740424	1738730	2.32	cps
Scandium	45-2	53384	54244	53488	53706	0.87	cps
Selenium	77-2	393	403	383	393	2.54	cps
Selenium	78-2	1207	1285	1285	1259	3.57	cps
Selenium	82-1	12863	12727	12724	12772	0.62	cps
Silicon	28-1	6525120	6620913	6563489	6569841	0.73	cps
Silver	109-1	809235	797445	806316	804332	0.76	cps
Silver	107-1	837076	846307	838881	840755	0.58	cps
Sodium	23-2	2246846	2236307	2196002	2226385	1.21	cps
Strontium	86-1	218549	218172	218039	218254	0.12	cps
Strontium	88-1	1907541	1944003	1935535	1929026	0.99	cps
Sulfur	34-1	328856	328254	324704	327271	0.69	cps
Terbium	159-1	3137413	3009581	3076769	3074587	2.08	cps
Terbium	159-2	1874058	1900767	1911104	1895310	1.01	cps
Thallium	203-1	467801	474346	461162	467770	1.41	cps
Thallium	205-1	1099032	1098980	1084774	1094262	0.75	cps
Tin	118-1	515992	510824	507697	511504	0.82	cps
Titanium	47-1	471647	469589	469268	470168	0.27	cps
Uranium	238-1	1288324	1306767	1290142	1295078	0.78	cps
Vanadium	51-2	169833	172768	168034	170212	1.40	cps
Yttrium	89-1	2992614	2895803	2935477	2941298	1.65	cps
Yttrium	89-2	358135	362211	369979	363442	1.66	cps
Zinc	66-2	89225	89135	88923	89094	0.17	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:36:36	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1139023	1130144	1136698	1135288	0.41	cps
Zirconium	91-1	252022	251248	249722	250997	0.47	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 18:40:24 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78411	76389	77398	77400	1.31	cps
Antimony	121-1	1582503	1591916	1576673	1583697	0.49	cps
Arsenic	75-1	503222	502656	504371	503416	0.17	cps
Barium	135-1	1593704	1646984	1594313	1611667	1.90	cps
Barium	137-1	2691776	2744454	2734768	2723666	1.03	cps
Beryllium	9-1	163557	164612	165215	164461	0.51	cps
Bismuth	209-1	1634082	1627693	1646530	1636102	0.59	cps
Bismuth	209-2	1283855	1300483	1294683	1293007	0.65	cps
Boron	11-1	105596	107005	108441	107014	1.33	cps
Boron	10-1	19940	20524	20849	20438	2.26	cps
Cadmium	106-1	40495	41323	40537	40785	1.14	cps
Cadmium	108-1	26764	25833	26297	26298	1.77	cps
Cadmium	111-1	364594	365723	363462	364593	0.31	cps
Calcium	43-1	400868	400067	399284	400073	0.20	cps
Calcium	44-1	6417470	6358440	6343986	6373298	0.61	cps
Chromium	52-2	473434	468132	467958	469841	0.66	cps
Cobalt	59-2	837228	820651	832024	829967	1.02	cps
Copper	63-2	1329546	1329221	1335984	1331584	0.29	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	17	33	42	31	41.65	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	25	0	17	14	91.65	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	2905319	2904340	2966376	2925345	1.21	cps
Holmium	165-2	1923637	1908102	1887942	1906560	0.94	cps
Indium	115-1	2600249	2593428	2563474	2585717	0.76	cps
Indium	115-2	468910	470976	474481	471456	0.60	cps
Iron	56-2	16754060	16661692	16494645	16636799	0.79	cps
Iron	57-2	421504	421005	414562	419023	0.92	cps
Krypton	83-1	453	440	383	426	8.73	cps
Lead	207-1	659638	660353	665950	661980	0.52	cps
Lead	208-1	2954848	2945453	2988691	2962998	0.77	cps
Lead	206-1	726899	728692	729637	728409	0.19	cps
Lithium	6-1	171491	172562	170971	171675	0.47	cps
Magnesium	24-2	1763745	1733407	1703342	1733498	1.74	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:40:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	333864	329497	327477	330279	0.99	cps
Molybdenum	94-1	2705369	2699239	2759210	2721273	1.21	cps
Molybdenum	95-1	3411603	3392197	3422292	3408697	0.45	cps
Molybdenum	96-1	3778019	3754389	3802110	3778173	0.63	cps
Molybdenum	97-1	2079133	2059921	2114145	2084400	1.32	cps
Molybdenum	98-1	5264420	5348831	5376673	5329975	1.10	cps
Neodymium	150-1	67	80	73	73	9.09	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	237881	236836	237039	237252	0.23	cps
Phosphorus	31-2	8420	9095	8086	8534	6.02	cps
Potassium	39-2	770743	761234	763110	765029	0.66	cps
Rhodium	103-1	2478305	2429816	2493107	2467076	1.34	cps
Rhodium	103-2	1671116	1671451	1704951	1682506	1.16	cps
Scandium	45-1	1759437	1725697	1741294	1742143	0.97	cps
Scandium	45-2	54609	53097	53485	53730	1.46	cps
Selenium	77-2	717	647	790	718	9.99	cps
Selenium	78-2	2534	2371	2617	2507	5.00	cps
Selenium	82-1	25206	25183	25560	25316	0.83	cps
Silicon	28-1	6864519	6935153	6931513	6910395	0.58	cps
Silver	109-1	1621686	1606366	1598603	1608885	0.73	cps
Silver	107-1	1697721	1693510	1701924	1697718	0.25	cps
Sodium	23-2	4385799	4383456	4348940	4372732	0.47	cps
Strontium	86-1	444023	444712	447372	445369	0.40	cps
Strontium	88-1	3831924	3790446	3889531	3837300	1.30	cps
Sulfur	34-1	369163	367538	363896	366866	0.74	cps
Terbium	159-1	3084580	3051938	3088264	3074927	0.65	cps
Terbium	159-2	1935382	1918233	1930331	1927982	0.46	cps
Thallium	203-1	922928	932752	935470	930383	0.71	cps
Thallium	205-1	2238594	2245692	2228205	2237497	0.39	cps
Tin	118-1	1037548	1036152	1026706	1033468	0.57	cps
Titanium	47-1	950276	945073	947933	947760	0.27	cps
Uranium	238-1	2714069	2662020	2668988	2681692	1.05	cps
Vanadium	51-2	348499	342932	345682	345704	0.81	cps
Yttrium	89-1	2902425	2932284	2915725	2916811	0.51	cps
Yttrium	89-2	365672	367644	370834	368050	0.71	cps
Zinc	66-2	177092	176730	177995	177272	0.37	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:40:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2288555	2280723	2309551	2292943	0.65	cps
Zirconium	91-1	502152	500425	501117	501231	0.17	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 18:44:06 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	152040	153420	151136	152199	0.76	cps
Antimony	121-1	3166369	3222669	3188827	3192622	0.89	cps
Arsenic	75-1	1004150	1007136	1015678	1008988	0.59	cps
Barium	135-1	3178607	3221946	3178214	3192922	0.79	cps
Barium	137-1	5368122	5505137	5446018	5439759	1.26	cps
Beryllium	9-1	322840	321156	326737	323578	0.88	cps
Bismuth	209-1	1597692	1631687	1665129	1631503	2.07	cps
Bismuth	209-2	1299898	1286053	1288653	1291535	0.57	cps
Boron	11-1	207991	213644	215996	212544	1.94	cps
Boron	10-1	39071	39881	42088	40347	3.87	cps
Cadmium	106-1	78672	76258	78520	77817	1.74	cps
Cadmium	108-1	52005	51318	51712	51678	0.67	cps
Cadmium	111-1	718827	727532	739936	728765	1.46	cps
Calcium	43-1	798870	794915	806908	800231	0.76	cps
Calcium	44-1	12725590	12800473	12979100	12835054	1.01	cps
Chromium	52-2	932114	939715	940047	937292	0.48	cps
Cobalt	59-2	1707603	1686933	1666180	1686905	1.23	cps
Copper	63-2	2645869	2656751	2640303	2647641	0.32	cps
Dysprosium	156-1	92	58	50	67	33.07	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	50	33	58	47	26.95	cps
Gadolinium	160-2	20	17	27	21	24.12	cps
Holmium	165-1	2957196	2929269	2926209	2937558	0.58	cps
Holmium	165-2	1893304	1936313	1937324	1922314	1.31	cps
Indium	115-1	2568515	2609207	2616736	2598153	1.00	cps
Indium	115-2	466736	473369	466247	468784	0.85	cps
Iron	56-2	33247283	32842849	33036012	33042048	0.61	cps
Iron	57-2	833787	828137	823084	828336	0.65	cps
Krypton	83-1	540	493	383	472	17.03	cps
Lead	207-1	1326128	1343751	1339986	1336621	0.69	cps
Lead	208-1	5981980	6022081	6073456	6025839	0.76	cps
Lead	206-1	1474554	1469152	1478871	1474192	0.33	cps
Lithium	6-1	169265	172507	170536	170769	0.96	cps
Magnesium	24-2	3367372	3364800	3355947	3362706	0.18	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:44:06	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	659010	664471	660081	661188	0.44	cps
Molybdenum	94-1	5426728	5516106	5458718	5467184	0.83	cps
Molybdenum	95-1	6804976	6821487	6817945	6814803	0.13	cps
Molybdenum	96-1	7409570	7529300	7520607	7486493	0.89	cps
Molybdenum	97-1	4133158	4168226	4196462	4165949	0.76	cps
Molybdenum	98-1	10612096	10774339	10653958	10680131	0.79	cps
Neodymium	150-1	120	160	127	136	15.81	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	469320	468408	465586	467771	0.42	cps
Phosphorus	31-2	16769	16594	16252	16538	1.59	cps
Potassium	39-2	1533199	1513429	1520085	1522238	0.66	cps
Rhodium	103-1	2447091	2483110	2478146	2469449	0.79	cps
Rhodium	103-2	1693431	1712681	1682541	1696218	0.90	cps
Scandium	45-1	1736952	1763981	1781654	1760862	1.28	cps
Scandium	45-2	54800	54823	53839	54487	1.03	cps
Selenium	77-2	1600	1363	1507	1490	8.00	cps
Selenium	78-2	5162	5136	5055	5118	1.10	cps
Selenium	82-1	50575	51406	51198	51060	0.85	cps
Silicon	28-1	7489186	7567373	7618650	7558403	0.86	cps
Silver	109-1	3169844	3140405	3229489	3179912	1.43	cps
Silver	107-1	3346476	3401830	3355871	3368059	0.88	cps
Sodium	23-2	8610584	8512693	8511504	8544927	0.67	cps
Strontium	86-1	884625	891783	894535	890314	0.57	cps
Strontium	88-1	7634663	7643958	7628550	7635724	0.10	cps
Sulfur	34-1	457092	458778	456320	457397	0.27	cps
Terbium	159-1	3078920	3103710	3124457	3102362	0.73	cps
Terbium	159-2	1928012	1959079	1980778	1955957	1.36	cps
Thallium	203-1	1941070	1881357	1899052	1907160	1.61	cps
Thallium	205-1	4486653	4435504	4459595	4460584	0.57	cps
Tin	118-1	2085431	2089244	2117503	2097393	0.84	cps
Titanium	47-1	1888558	1880528	1925933	1898340	1.28	cps
Uranium	238-1	5239188	5394688	5317857	5317244	1.46	cps
Vanadium	51-2	687900	688409	687474	687928	0.07	cps
Yttrium	89-1	2981782	3019261	3003832	3001625	0.63	cps
Yttrium	89-2	373551	373101	373391	373347	0.06	cps
Zinc	66-2	350906	349137	349889	349977	0.25	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:44:06	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4635939	4637276	4642131	4638449	0.07	cps
Zirconium	91-1	1022060	1029791	1023550	1025134	0.40	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:47:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	831381	828168	831982	830511	0.25	cps
Antimony	121-1	4009	3809	3759	3859	3.43	cps
Arsenic	75-1	1998	1992	1872	1954	3.64	cps
Barium	135-1	792	683	625	700	12.08	cps
Barium	137-1	1208	1242	1225	1225	1.36	cps
Beryllium	9-1	97	77	97	90	12.83	cps
Bismuth	209-1	1488928	1486012	1491433	1488791	0.18	cps
Bismuth	209-2	1197068	1190969	1184815	1190951	0.51	cps
Boron	11-1	3834	3492	3376	3567	6.68	cps
Boron	10-1	733	850	650	744	13.50	cps
Cadmium	106-1	2342	2675	2434	2484	6.94	cps
Cadmium	108-1	38	25	29	31	20.83	cps
Cadmium	111-1	1713	1964	1787	1821	7.06	cps
Calcium	43-1	3955355	3965780	3950191	3957109	0.20	cps
Calcium	44-1	63199052	63761382	63665294	63541910	0.47	cps
Chromium	52-2	7332	7429	7412	7391	0.70	cps
Cobalt	59-2	19621	19454	19868	19647	1.06	cps
Copper	63-2	5485	5575	5465	5508	1.06	cps
Dysprosium	156-1	33	25	50	36	35.25	cps
Dysprosium	156-2	10	17	23	17	39.99	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	23	3	3	10	115.51	cps
Gadolinium	160-1	67	58	50	58	14.29	cps
Gadolinium	160-2	17	33	20	23	37.78	cps
Holmium	165-1	2778582	2811016	2753434	2781011	1.04	cps
Holmium	165-2	1821153	1863415	1879720	1854763	1.63	cps
Indium	115-1	2503702	2481408	2497996	2494369	0.46	cps
Indium	115-2	470956	472252	468087	470432	0.45	cps
Iron	56-2	169616732	168513759	168358959	168829817	0.41	cps
Iron	57-2	4208641	4245723	4229566	4227976	0.44	cps
Krypton	83-1	450	447	413	437	4.64	cps
Lead	207-1	2445	2406	2473	2441	1.37	cps
Lead	208-1	11497	11469	11180	11382	1.54	cps
Lead	206-1	3073	2962	2784	2939	4.96	cps
Lithium	6-1	164900	164400	165210	164837	0.25	cps
Magnesium	24-2	17213545	17003789	17232830	17150055	0.74	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:47:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2494	2620	2580	2565	2.53	cps
Molybdenum	94-1	2942	2859	2942	2914	1.65	cps
Molybdenum	95-1	4151	4593	4501	4415	5.28	cps
Molybdenum	96-1	5443	4726	4501	4890	10.06	cps
Molybdenum	97-1	2167	2275	2509	2317	7.54	cps
Molybdenum	98-1	6702	6344	6352	6466	3.16	cps
Neodymium	150-1	73	67	53	64	15.80	cps
Neodymium	150-2	17	33	20	23	37.78	cps
Nickel	60-2	6008	6158	6048	6071	1.28	cps
Phosphorus	31-2	50	42	25	39	32.73	cps
Potassium	39-2	8057853	7926761	8026416	8003676	0.86	cps
Rhodium	103-1	2358444	2331311	2345786	2345181	0.58	cps
Rhodium	103-2	1614514	1627007	1592683	1611401	1.08	cps
Scandium	45-1	1723127	1689926	1741987	1718347	1.53	cps
Scandium	45-2	55325	54181	55345	54950	1.21	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	17	13	15	12.52	cps
Selenium	82-1	-13	-39	18	-12	-245.60	cps
Silicon	28-1	6529091	6490263	6471005	6496786	0.46	cps
Silver	109-1	917	800	783	833	8.72	cps
Silver	107-1	933	950	767	883	11.48	cps
Sodium	23-2	43765831	43585187	43502844	43617954	0.31	cps
Strontium	86-1	4609	4284	4268	4387	4.39	cps
Strontium	88-1	32606	32248	31646	32167	1.51	cps
Sulfur	34-1	255453	259075	263532	259353	1.56	cps
Terbium	159-1	2965001	2953095	2972976	2963691	0.34	cps
Terbium	159-2	1891289	1862498	1884620	1879469	0.80	cps
Thallium	203-1	358	317	367	347	7.71	cps
Thallium	205-1	967	842	725	845	14.31	cps
Tin	118-1	1592	1692	1408	1564	9.19	cps
Titanium	47-1	6043	5743	5968	5918	2.64	cps
Uranium	238-1	775	750	650	725	9.12	cps
Vanadium	51-2	180	213	160	184	14.61	cps
Yttrium	89-1	2828484	2903160	2903395	2878346	1.50	cps
Yttrium	89-2	371216	371936	373464	372205	0.31	cps
Zinc	66-2	3204	3224	3294	3240	1.46	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 18:47:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1600	1509	1542	1550	2.99	cps
Zirconium	91-1	475	492	408	458	9.62	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4134	3787	4007	3976	4.42	cps
Antimony	121-1	538626	553248	537897	543257	1.59	cps
Arsenic	75-1	180641	187788	179064	182498	2.55	cps
Barium	135-1	54203	56950	54756	55303	2.63	cps
Barium	137-1	95552	99726	93724	96334	3.19	cps
Beryllium	9-1	30756	31414	29938	30703	2.41	cps
Bismuth	209-1	1438992	1480002	1419550	1446182	2.13	cps
Bismuth	209-2	1150703	1157732	1170014	1159483	0.84	cps
Boron	11-1	108132	114547	114589	112422	3.31	cps
Boron	10-1	21459	21759	21025	21414	1.72	cps
Cadmium	106-1	12123	12606	11797	12175	3.34	cps
Cadmium	108-1	6581	6460	6247	6429	2.63	cps
Cadmium	111-1	67964	69702	67987	68551	1.45	cps
Calcium	43-1	19297	20034	19257	19529	2.24	cps
Calcium	44-1	292549	296588	287332	292157	1.59	cps
Chromium	52-2	86801	87331	87995	87375	0.68	cps
Cobalt	59-2	155905	156350	157074	156443	0.38	cps
Copper	63-2	125181	126369	125333	125628	0.51	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	27	20	10	19	44.42	cps
Gadolinium	160-1	17	17	33	22	43.30	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	2586218	2634077	2557126	2592474	1.50	cps
Holmium	165-2	1684420	1732786	1680268	1699158	1.72	cps
Indium	115-1	2420592	2407777	2387131	2405167	0.70	cps
Indium	115-2	433611	438646	447295	439851	1.57	cps
Iron	56-2	623571	616701	624786	621686	0.70	cps
Iron	57-2	15770	15031	15403	15401	2.40	cps
Krypton	83-1	440	380	420	413	7.39	cps
Lead	207-1	228446	230281	226089	228272	0.92	cps
Lead	208-1	1034842	1051275	1027121	1037746	1.19	cps
Lead	206-1	259923	265247	258935	261368	1.30	cps
Lithium	6-1	174731	178594	171514	174946	2.03	cps
Magnesium	24-2	39105	39280	39088	39158	0.27	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30336	29568	30149	30018	1.33	cps
Molybdenum	94-1	2502290	2591723	2479337	2524450	2.35	cps
Molybdenum	95-1	3200843	3288671	3160713	3216742	2.03	cps
Molybdenum	96-1	3571503	3581985	3447299	3533596	2.12	cps
Molybdenum	97-1	1974250	2036689	1929090	1980010	2.73	cps
Molybdenum	98-1	4993513	5146313	4932801	5024209	2.19	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	45300	45294	45270	45288	0.03	cps
Phosphorus	31-2	50	25	0	25	100.00	cps
Potassium	39-2	66893	68492	67764	67716	1.18	cps
Rhodium	103-1	2348229	2379313	2285315	2337619	2.05	cps
Rhodium	103-2	1613029	1604651	1609154	1608945	0.26	cps
Scandium	45-1	1658967	1719663	1622666	1667099	2.94	cps
Scandium	45-2	51604	51842	52351	51932	0.73	cps
Selenium	77-2	260	333	250	281	16.19	cps
Selenium	78-2	1006	1006	985	999	1.18	cps
Selenium	82-1	9047	9280	8904	9077	2.09	cps
Silicon	28-1	6331814	6383120	6325162	6346699	0.50	cps
Silver	109-1	284543	292354	281524	286140	1.95	cps
Silver	107-1	305932	310925	302248	306368	1.42	cps
Sodium	23-2	181420	179442	178144	179669	0.92	cps
Strontium	86-1	394750	400678	387194	394207	1.71	cps
Strontium	88-1	3435874	3468504	3325272	3409883	2.20	cps
Sulfur	34-1	276626	268418	266364	270469	2.01	cps
Terbium	159-1	2779643	2791745	2745262	2772217	0.87	cps
Terbium	159-2	1726265	1735466	1747074	1736268	0.60	cps
Thallium	203-1	326524	334183	328864	329857	1.19	cps
Thallium	205-1	773876	792326	773368	779857	1.39	cps
Tin	118-1	860163	896536	865463	874054	2.25	cps
Titanium	47-1	882791	908632	869495	886973	2.24	cps
Uranium	238-1	2208279	2279902	2219670	2235950	1.72	cps
Vanadium	51-2	63858	64160	63041	63686	0.91	cps
Yttrium	89-1	2758424	2763303	2712638	2744788	1.02	cps
Yttrium	89-2	345487	345167	349418	346691	0.68	cps
Zinc	66-2	33300	32923	33040	33087	0.58	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:17:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2075806	2107977	2003420	2062401	2.60	cps
Zirconium	91-1	444361	458605	447819	450262	1.65	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 19:35:24 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245	210	230	228	7.69	cps
Antimony	121-1	5677	5635	4976	5429	7.24	cps
Arsenic	75-1	1409	1102	1331	1280	12.47	cps
Barium	135-1	5743	5710	5510	5654	2.23	cps
Barium	137-1	9646	9721	9846	9737	1.04	cps
Beryllium	9-1	347	350	310	336	6.61	cps
Bismuth	209-1	1418905	1448013	1434007	1433642	1.02	cps
Bismuth	209-2	1164100	1133656	1161511	1153089	1.46	cps
Boron	11-1	5885	5343	5735	5654	4.95	cps
Boron	10-1	1033	1058	1025	1039	1.67	cps
Cadmium	106-1	2309	2292	2300	2300	0.36	cps
Cadmium	108-1	71	42	58	57	25.70	cps
Cadmium	111-1	2171	2234	2282	2229	2.50	cps
Calcium	43-1	6848	6625	6798	6757	1.74	cps
Calcium	44-1	98824	98259	97327	98137	0.77	cps
Chromium	52-2	2197	2280	2194	2224	2.21	cps
Cobalt	59-2	1710	1517	1503	1577	7.34	cps
Copper	63-2	2717	2890	2787	2798	3.12	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	17	17	11	86.60	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	2521268	2611053	2609482	2580601	1.99	cps
Holmium	165-2	1730733	1672318	1702581	1701877	1.72	cps
Indium	115-1	2379068	2397445	2462766	2413093	1.82	cps
Indium	115-2	458958	449323	452845	453709	1.07	cps
Iron	56-2	34053	33925	34137	34038	0.31	cps
Iron	57-2	911	878	806	865	6.24	cps
Krypton	83-1	380	343	463	396	15.55	cps
Lead	207-1	1267	1361	1333	1320	3.68	cps
Lead	208-1	5806	5717	5762	5762	0.77	cps
Lead	206-1	1556	1378	1517	1483	6.30	cps
Lithium	6-1	168080	168524	168946	168517	0.26	cps
Magnesium	24-2	18020	17219	17411	17550	2.38	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:35:24	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	337	337	387	353	8.17	cps
Molybdenum	94-1	5293	4868	5084	5082	4.18	cps
Molybdenum	95-1	6127	6160	6077	6121	0.69	cps
Molybdenum	96-1	6844	7302	6602	6916	5.14	cps
Molybdenum	97-1	3651	3934	3784	3790	3.74	cps
Molybdenum	98-1	10546	9687	10354	10196	4.42	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	490	557	433	493	12.51	cps
Phosphorus	31-2	75	67	100	81	21.54	cps
Potassium	39-2	23629	23704	23805	23713	0.37	cps
Rhodium	103-1	2337199	2346074	2430561	2371278	2.17	cps
Rhodium	103-2	1679304	1635144	1649261	1654569	1.36	cps
Scandium	45-1	1659557	1701706	1675877	1679047	1.27	cps
Scandium	45-2	54298	52521	54793	53871	2.22	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	30	39	48	39	23.81	cps
Selenium	82-1	231	257	168	218	21.01	cps
Silicon	28-1	6059995	6041877	6031051	6044308	0.24	cps
Silver	109-1	3267	3167	3451	3295	4.36	cps
Silver	107-1	3442	3209	3426	3359	3.88	cps
Sodium	23-2	54296	53819	54205	54107	0.47	cps
Strontium	86-1	1350	1283	1300	1311	2.65	cps
Strontium	88-1	7094	6994	6468	6852	4.90	cps
Sulfur	34-1	277253	276956	278017	277409	0.20	cps
Terbium	159-1	2742370	2721212	2706661	2723414	0.66	cps
Terbium	159-2	1746627	1728451	1717211	1730763	0.86	cps
Thallium	203-1	1634	1534	1675	1614	4.51	cps
Thallium	205-1	3442	3901	3642	3662	6.28	cps
Tin	118-1	9545	9495	10138	9726	3.67	cps
Titanium	47-1	7261	7369	6877	7169	3.61	cps
Uranium	238-1	4518	4118	3734	4123	9.50	cps
Vanadium	51-2	3430	3244	3397	3357	2.97	cps
Yttrium	89-1	2713250	2713495	2723366	2716703	0.21	cps
Yttrium	89-2	355408	349972	358115	354498	1.17	cps
Zinc	66-2	607	543	580	577	5.51	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:35:24	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4017	4243	3992	4084	3.37	cps
Zirconium	91-1	975	1042	892	970	7.75	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 19:38:56 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	88	93	88	5.71	cps
Antimony	121-1	50	75	42	56	31.22	cps
Arsenic	75-1	401	436	365	401	8.84	cps
Barium	135-1	8	25	17	17	50.01	cps
Barium	137-1	33	33	17	28	34.63	cps
Beryllium	9-1	37	27	37	33	17.32	cps
Bismuth	209-1	1753149	1681716	1701846	1712237	2.15	cps
Bismuth	209-2	1250942	1319830	1303968	1291580	2.79	cps
Boron	11-1	492	550	400	481	15.73	cps
Boron	10-1	175	108	92	125	35.28	cps
Cadmium	106-1	2600	2384	2575	2520	4.71	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Cadmium	111-1	1819	1677	1798	1765	4.34	cps
Calcium	43-1	3074	2960	2934	2989	2.49	cps
Calcium	44-1	38687	38556	38730	38658	0.23	cps
Chromium	52-2	223	257	260	247	8.22	cps
Cobalt	59-2	30	40	23	31	26.97	cps
Copper	63-2	333	227	350	303	22.06	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	25	0	11	114.58	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	23	23	20	22	8.65	cps
Holmium	165-1	3022563	2985185	2954042	2987263	1.15	cps
Holmium	165-2	1831421	1954922	1900867	1895737	3.27	cps
Indium	115-1	2839596	2764349	2826797	2810247	1.43	cps
Indium	115-2	487522	514230	508510	503421	2.79	cps
Iron	56-2	711	800	839	783	8.36	cps
Iron	57-2	28	72	33	44	54.48	cps
Krypton	83-1	427	373	400	400	6.67	cps
Lead	207-1	150	194	139	161	18.25	cps
Lead	208-1	789	928	883	867	8.18	cps
Lead	206-1	228	272	233	244	9.91	cps
Lithium	6-1	195733	193601	191149	193494	1.19	cps
Magnesium	24-2	92	92	83	89	5.41	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:38:56	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	17	13	12	41.65	cps
Molybdenum	94-1	67	67	125	86	39.11	cps
Molybdenum	95-1	25	50	100	58	65.47	cps
Molybdenum	96-1	33	108	83	75	50.92	cps
Molybdenum	97-1	17	42	50	36	48.03	cps
Molybdenum	98-1	58	108	125	97	35.68	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	37	17	31	40.56	cps
Phosphorus	31-2	17	33	50	33	50.00	cps
Potassium	39-2	10188	9370	9737	9765	4.19	cps
Rhodium	103-1	2819816	2764200	2754133	2779383	1.27	cps
Rhodium	103-2	1780842	1885505	1861750	1842699	2.98	cps
Scandium	45-1	1969753	1945657	1999634	1971681	1.37	cps
Scandium	45-2	57852	59288	61246	59462	2.87	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	6	7	8	35.21	cps
Selenium	82-1	-34	40	-41	-12	-390.01	cps
Silicon	28-1	5996967	5944341	5924996	5955434	0.63	cps
Silver	109-1	150	125	150	142	10.19	cps
Silver	107-1	175	200	158	178	11.80	cps
Sodium	23-2	10880	10963	10721	10855	1.13	cps
Strontium	86-1	633	433	675	581	22.25	cps
Strontium	88-1	33	83	150	89	65.85	cps
Sulfur	34-1	269157	274009	272106	271757	0.90	cps
Terbium	159-1	3204673	3159929	3173544	3179382	0.72	cps
Terbium	159-2	1873570	2012973	1960585	1949043	3.61	cps
Thallium	203-1	8	58	42	36	70.51	cps
Thallium	205-1	117	108	83	103	16.88	cps
Tin	118-1	117	67	142	108	35.25	cps
Titanium	47-1	5410	5210	5310	5310	1.89	cps
Uranium	238-1	50	67	83	67	25.00	cps
Vanadium	51-2	20	10	10	13	43.30	cps
Yttrium	89-1	3182128	3191256	3207758	3193714	0.41	cps
Yttrium	89-2	386501	402357	398878	395912	2.10	cps
Zinc	66-2	133	153	163	150	10.18	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:38:56	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	200	217	208	208	4.00	cps
Zirconium	91-1	167	83	67	106	50.76	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:42:28	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	734098	735942	735441	735160	0.13	cps
Antimony	121-1	3942	3926	3867	3912	1.01	cps
Arsenic	75-1	2401	2433	2516	2450	2.43	cps
Barium	135-1	933	917	900	917	1.82	cps
Barium	137-1	1709	1734	1425	1622	10.56	cps
Beryllium	9-1	137	123	93	118	18.84	cps
Bismuth	209-1	1567568	1616445	1578698	1587570	1.61	cps
Bismuth	209-2	1209787	1207964	1217988	1211913	0.44	cps
Boron	11-1	683	667	733	694	5.00	cps
Boron	10-1	142	75	192	136	43.01	cps
Cadmium	106-1	2534	2325	2267	2375	5.90	cps
Cadmium	108-1	433	458	483	458	5.45	cps
Cadmium	111-1	2054	1828	1794	1892	7.45	cps
Calcium	43-1	809146	801376	805117	805213	0.48	cps
Calcium	44-1	12960302	12958975	12918749	12946009	0.18	cps
Chromium	52-2	19731	19934	20045	19903	0.80	cps
Cobalt	59-2	2020	1867	1984	1957	4.09	cps
Copper	63-2	11642	11718	11859	11740	0.94	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	17	0	17	11	86.60	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	33	17	0	17	99.99	cps
Gadolinium	160-2	13	20	20	18	21.66	cps
Holmium	165-1	2896794	2856262	2905756	2886271	0.91	cps
Holmium	165-2	1841265	1862416	1848246	1850642	0.58	cps
Indium	115-1	2639238	2610938	2647245	2632474	0.72	cps
Indium	115-2	465101	467301	473405	468602	0.92	cps
Iron	56-2	66997056	67215774	66152176	66788335	0.84	cps
Iron	57-2	1718828	1718438	1712741	1716669	0.20	cps
Krypton	83-1	423	447	360	410	10.94	cps
Lead	207-1	5446	5535	5763	5581	2.93	cps
Lead	208-1	26523	26489	26506	26506	0.06	cps
Lead	206-1	7052	7452	7186	7230	2.82	cps
Lithium	6-1	175883	175514	174970	175456	0.26	cps
Magnesium	24-2	3518409	3501112	3523242	3514254	0.33	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:42:28	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2547	2550	2797	2631	5.45	cps
Molybdenum	94-1	1533119	1532682	1553583	1539795	0.78	cps
Molybdenum	95-1	2698454	2727746	2720888	2715696	0.56	cps
Molybdenum	96-1	2916740	2877741	2876413	2890298	0.79	cps
Molybdenum	97-1	1705110	1654890	1702044	1687348	1.67	cps
Molybdenum	98-1	4251117	4244690	4298054	4264620	0.68	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	2374	2624	2560	2519	5.16	cps
Phosphorus	31-2	86120	84887	85392	85466	0.72	cps
Potassium	39-2	3143107	3119447	3159039	3140531	0.63	cps
Rhodium	103-1	2512348	2500513	2510094	2507652	0.25	cps
Rhodium	103-2	1662785	1691520	1682071	1678792	0.87	cps
Scandium	45-1	1797509	1780037	1778675	1785407	0.59	cps
Scandium	45-2	54884	54057	54435	54459	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	15	4	12	59.81	cps
Selenium	82-1	-51	-29	38	-14	-325.49	cps
Silicon	28-1	6080241	6168178	6175127	6141182	0.86	cps
Silver	109-1	1408	1809	1709	1642	12.68	cps
Silver	107-1	1850	1742	1959	1850	5.86	cps
Sodium	23-2	9033291	8971500	9053071	9019287	0.47	cps
Strontium	86-1	31821	30727	31429	31326	1.77	cps
Strontium	88-1	266719	267307	264266	266097	0.61	cps
Sulfur	34-1	1264015	1237691	1227091	1242933	1.53	cps
Terbium	159-1	3096280	3065604	3081184	3081023	0.50	cps
Terbium	159-2	1871785	1875077	1885754	1877539	0.39	cps
Thallium	203-1	158	108	108	125	23.09	cps
Thallium	205-1	275	258	217	250	12.02	cps
Tin	118-1	492	433	425	450	8.07	cps
Titanium	47-1	791722	783550	789150	788141	0.53	cps
Uranium	238-1	133	142	233	169	32.75	cps
Vanadium	51-2	127	150	113	130	14.27	cps
Yttrium	89-1	2979747	2986303	2955323	2973791	0.55	cps
Yttrium	89-2	367130	365762	366687	366526	0.19	cps
Zinc	66-2	2164	2174	2324	2220	4.04	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:42:28	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	467	542	500	503	7.48	cps
Zirconium	91-1	125	192	175	164	21.17	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:45:55	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	739547	737390	745161	740699	0.54	cps
Antimony	121-1	68259	68770	67530	68186	0.91	cps
Arsenic	75-1	22489	22746	23284	22840	1.78	cps
Barium	135-1	14150	14484	14141	14258	1.37	cps
Barium	137-1	23964	23898	24657	24173	1.74	cps
Beryllium	9-1	6875	6808	7019	6901	1.56	cps
Bismuth	209-1	1584622	1582814	1555259	1574232	1.05	cps
Bismuth	209-2	1216570	1222941	1241466	1226992	1.05	cps
Boron	11-1	12473	12956	12339	12589	2.58	cps
Boron	10-1	2142	2250	2492	2295	7.81	cps
Cadmium	106-1	4284	3892	4051	4076	4.84	cps
Cadmium	108-1	1579	1750	1708	1679	5.30	cps
Cadmium	111-1	16581	16771	16682	16678	0.57	cps
Calcium	43-1	806009	802557	818094	808887	1.01	cps
Calcium	44-1	13074500	13037922	13075916	13062779	0.16	cps
Chromium	52-2	39218	39195	39536	39317	0.48	cps
Cobalt	59-2	37216	37320	36367	36968	1.41	cps
Copper	63-2	40178	39085	39633	39632	1.38	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	17	20	30	22	31.22	cps
Holmium	165-1	2915800	2955135	2877881	2916272	1.32	cps
Holmium	165-2	1844813	1842333	1874476	1853874	0.96	cps
Indium	115-1	2679619	2672594	2608248	2653487	1.48	cps
Indium	115-2	466735	462017	474437	467730	1.34	cps
Iron	56-2	67604549	67195364	67658614	67486176	0.38	cps
Iron	57-2	1741314	1723583	1737342	1734080	0.54	cps
Krypton	83-1	403	413	417	411	1.69	cps
Lead	207-1	31144	31657	31618	31473	0.91	cps
Lead	208-1	143174	144666	145044	144295	0.69	cps
Lead	206-1	37523	37144	37734	37467	0.80	cps
Lithium	6-1	174470	172974	172656	173366	0.56	cps
Magnesium	24-2	3534310	3534037	3491462	3519937	0.70	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:45:55	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9397	9370	9083	9283	1.87	cps
Molybdenum	94-1	1694075	1649099	1708835	1684003	1.85	cps
Molybdenum	95-1	2827254	2834215	2805288	2822252	0.53	cps
Molybdenum	96-1	3000051	2973841	3013952	2995948	0.68	cps
Molybdenum	97-1	1743543	1715016	1739676	1732745	0.89	cps
Molybdenum	98-1	4398448	4408860	4419196	4408835	0.24	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	12603	12933	12459	12665	1.92	cps
Phosphorus	31-2	85208	83027	85098	84444	1.45	cps
Potassium	39-2	3163209	3150691	3158385	3157428	0.20	cps
Rhodium	103-1	2513102	2547910	2493345	2518119	1.10	cps
Rhodium	103-2	1679922	1642087	1685651	1669220	1.42	cps
Scandium	45-1	1764204	1788898	1776097	1776400	0.70	cps
Scandium	45-2	53532	53525	54887	53981	1.45	cps
Selenium	77-2	33	40	37	37	9.10	cps
Selenium	78-2	85	115	107	102	15.05	cps
Selenium	82-1	967	1086	1076	1043	6.31	cps
Silicon	28-1	6336087	6292741	6377730	6335519	0.67	cps
Silver	109-1	63735	62580	63292	63202	0.92	cps
Silver	107-1	67888	66222	68224	67445	1.59	cps
Sodium	23-2	9085080	9025539	8947923	9019514	0.76	cps
Strontium	86-1	76590	76725	76600	76638	0.10	cps
Strontium	88-1	666106	662118	660956	663060	0.41	cps
Sulfur	34-1	1224824	1208606	1224852	1219427	0.77	cps
Terbium	159-1	3081688	3085702	3118097	3095162	0.64	cps
Terbium	159-2	1864687	1857255	1905148	1875697	1.37	cps
Thallium	203-1	36796	38234	37916	37649	2.01	cps
Thallium	205-1	89994	90455	88853	89768	0.92	cps
Tin	118-1	110336	109454	110228	110006	0.44	cps
Titanium	47-1	818034	808059	818617	814903	0.73	cps
Uranium	238-1	274884	265380	271226	270497	1.77	cps
Vanadium	51-2	14047	14354	14224	14209	1.08	cps
Yttrium	89-1	3050128	3041895	2951207	3014410	1.82	cps
Yttrium	89-2	365513	365485	371707	367568	0.98	cps
Zinc	66-2	5978	6125	5905	6003	1.87	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:45:55	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	249943	250688	251147	250593	0.24	cps
Zirconium	91-1	54871	54971	56636	55492	1.79	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:49:21	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	441625	446353	438302	442093	0.92	cps
Antimony	121-1	1572142	1591312	1581679	1581711	0.61	cps
Arsenic	75-1	504578	505910	502407	504298	0.35	cps
Barium	135-1	1586921	1600903	1579749	1589191	0.68	cps
Barium	137-1	2734535	2774383	2748276	2752398	0.74	cps
Beryllium	9-1	165216	164504	162923	164214	0.71	cps
Bismuth	209-1	1524439	1516202	1530414	1523685	0.47	cps
Bismuth	209-2	1219102	1219267	1216630	1218333	0.12	cps
Boron	11-1	105855	107402	105772	106343	0.86	cps
Boron	10-1	20157	20465	20541	20388	1.00	cps
Cadmium	106-1	38556	40253	39960	39590	2.29	cps
Cadmium	108-1	25516	25641	25399	25519	0.47	cps
Cadmium	111-1	359865	361458	359105	360143	0.33	cps
Calcium	43-1	2047053	2063116	2060944	2057038	0.42	cps
Calcium	44-1	32435763	32650710	32912060	32666178	0.73	cps
Chromium	52-2	484056	481475	482350	482627	0.27	cps
Cobalt	59-2	843021	852819	843381	846407	0.66	cps
Copper	63-2	1312470	1307911	1312883	1311088	0.21	cps
Dysprosium	156-1	67	108	8	61	82.20	cps
Dysprosium	156-2	17	17	13	16	12.40	cps
Erbium	164-1	8	8	33	17	86.64	cps
Erbium	164-2	13	7	20	13	49.99	cps
Gadolinium	160-1	33	83	42	53	50.76	cps
Gadolinium	160-2	10	27	20	19	44.42	cps
Holmium	165-1	2779977	2796100	2803605	2793227	0.43	cps
Holmium	165-2	1850696	1874082	1863459	1862746	0.63	cps
Indium	115-1	2524436	2501414	2518988	2514946	0.48	cps
Indium	115-2	459186	467128	466549	464288	0.95	cps
Iron	56-2	85840644	86179957	84893977	85638193	0.78	cps
Iron	57-2	2196904	2208917	2169004	2191609	0.93	cps
Krypton	83-1	487	493	400	460	11.32	cps
Lead	207-1	641502	649702	632621	641275	1.33	cps
Lead	208-1	2865568	2896167	2856322	2872686	0.73	cps
Lead	206-1	708502	712442	705878	708941	0.47	cps
Lithium	6-1	166125	165935	165934	165998	0.07	cps
Magnesium	24-2	8573822	8650566	8448532	8557640	1.19	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:49:21	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	336615	343396	338213	339408	1.04	cps
Molybdenum	94-1	2687304	2805256	2789136	2760565	2.32	cps
Molybdenum	95-1	3393925	3444483	3436428	3424945	0.79	cps
Molybdenum	96-1	3788002	3749954	3769222	3769059	0.50	cps
Molybdenum	97-1	2097324	2121171	2137363	2118619	0.95	cps
Molybdenum	98-1	5402421	5392187	5399799	5398136	0.10	cps
Neodymium	150-1	67	87	67	73	15.75	cps
Neodymium	150-2	27	17	23	22	22.91	cps
Nickel	60-2	238474	239577	236947	238333	0.55	cps
Phosphorus	31-2	8486	8695	8136	8439	3.35	cps
Potassium	39-2	3961421	4012331	3989444	3987732	0.64	cps
Rhodium	103-1	2390412	2391743	2410675	2397610	0.47	cps
Rhodium	103-2	1640357	1667690	1669332	1659126	0.98	cps
Scandium	45-1	1728552	1707102	1735687	1723781	0.86	cps
Scandium	45-2	54468	55071	54432	54657	0.66	cps
Selenium	77-2	690	730	727	716	3.10	cps
Selenium	78-2	2578	2461	2541	2527	2.36	cps
Selenium	82-1	24945	25238	25194	25126	0.63	cps
Silicon	28-1	6962946	6946788	7044708	6984814	0.75	cps
Silver	109-1	1582674	1597509	1560995	1580393	1.16	cps
Silver	107-1	1644016	1664966	1650497	1653160	0.65	cps
Sodium	23-2	21908234	21992943	21636018	21845731	0.85	cps
Strontium	86-1	449965	446160	438917	445014	1.26	cps
Strontium	88-1	3870905	3862133	3843715	3858917	0.36	cps
Sulfur	34-1	362608	359319	360536	360821	0.46	cps
Terbium	159-1	3039424	2976804	2986848	3001025	1.12	cps
Terbium	159-2	1863982	1853745	1874788	1864172	0.56	cps
Thallium	203-1	883921	900836	909477	898078	1.45	cps
Thallium	205-1	2157027	2157308	2141543	2151959	0.42	cps
Tin	118-1	1022576	1042885	1039414	1034958	1.05	cps
Titanium	47-1	951150	960236	948280	953222	0.65	cps
Uranium	238-1	2668350	2610278	2601228	2626619	1.39	cps
Vanadium	51-2	357479	360227	359238	358981	0.39	cps
Yttrium	89-1	2933028	2907446	2945085	2928519	0.66	cps
Yttrium	89-2	372837	374482	371831	373050	0.36	cps
Zinc	66-2	175863	176207	175637	175902	0.16	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 19:49:21	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2362461	2407979	2356141	2375527	1.19	cps
Zirconium	91-1	515043	519382	514528	516318	0.52	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:21:06	DataFile Name :	023LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	255	255	253	1.14	cps
Antimony	121-1	5935	5593	5551	5693	3.70	cps
Arsenic	75-1	1436	1287	1351	1358	5.52	cps
Barium	135-1	5927	6127	5810	5954	2.69	cps
Barium	137-1	10004	10680	10271	10318	3.30	cps
Beryllium	9-1	340	280	343	321	11.10	cps
Bismuth	209-1	1515286	1511598	1537334	1521406	0.91	cps
Bismuth	209-2	1227671	1209475	1199230	1212126	1.19	cps
Boron	11-1	5510	5551	6085	5715	5.61	cps
Boron	10-1	1167	1092	1050	1103	5.36	cps
Cadmium	106-1	2309	2117	2292	2239	4.74	cps
Cadmium	108-1	21	79	42	47	62.60	cps
Cadmium	111-1	2347	2118	2225	2230	5.14	cps
Calcium	43-1	6648	6872	6675	6732	1.81	cps
Calcium	44-1	101140	102456	101815	101804	0.65	cps
Chromium	52-2	2447	2477	2477	2467	0.70	cps
Cobalt	59-2	1763	1663	1687	1705	3.07	cps
Copper	63-2	3090	3037	2964	3030	2.10	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	50	0	22	114.56	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	17	25	8	17	50.01	cps
Gadolinium	160-2	23	10	13	16	44.60	cps
Holmium	165-1	2714995	2677596	2721001	2704531	0.87	cps
Holmium	165-2	1801808	1771874	1745911	1773198	1.58	cps
Indium	115-1	2507853	2498751	2512502	2506369	0.28	cps
Indium	115-2	470400	462488	457738	463542	1.38	cps
Iron	56-2	35852	34866	35513	35410	1.41	cps
Iron	57-2	950	945	978	957	1.86	cps
Krypton	83-1	403	377	473	418	11.95	cps
Lead	207-1	1389	1317	1322	1343	2.99	cps
Lead	208-1	6067	6201	6067	6112	1.26	cps
Lead	206-1	1511	1739	1583	1611	7.23	cps
Lithium	6-1	172192	173257	175875	173775	1.09	cps
Magnesium	24-2	18312	17286	17195	17598	3.53	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:21:06	DataFile Name :	023LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	350	293	270	304	13.51	cps
Molybdenum	94-1	5451	5668	4876	5332	7.68	cps
Molybdenum	95-1	6827	6418	6694	6646	3.13	cps
Molybdenum	96-1	7077	6894	7394	7122	3.55	cps
Molybdenum	97-1	4151	3884	4134	4056	3.68	cps
Molybdenum	98-1	10313	10163	10721	10399	2.78	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	540	567	500	536	6.27	cps
Phosphorus	31-2	58	108	108	92	31.49	cps
Potassium	39-2	24038	24739	24447	24408	1.44	cps
Rhodium	103-1	2449454	2456324	2482256	2462678	0.70	cps
Rhodium	103-2	1746607	1683481	1681269	1703785	2.18	cps
Scandium	45-1	1725198	1748367	1763460	1745675	1.10	cps
Scandium	45-2	55737	54720	53943	54800	1.64	cps
Selenium	77-2	13	17	10	13	25.01	cps
Selenium	78-2	30	43	30	34	22.04	cps
Selenium	82-1	235	268	169	224	22.56	cps
Silicon	28-1	6346786	6457178	6432851	6412272	0.90	cps
Silver	109-1	3384	3834	3567	3595	6.30	cps
Silver	107-1	3567	3692	3876	3712	4.18	cps
Sodium	23-2	56279	55543	55711	55844	0.69	cps
Strontium	86-1	1375	1492	1475	1447	4.36	cps
Strontium	88-1	6744	7202	6902	6949	3.35	cps
Sulfur	34-1	283387	281032	280013	281477	0.61	cps
Terbium	159-1	2859819	2836675	2826477	2840990	0.60	cps
Terbium	159-2	1803910	1793755	1773599	1790421	0.86	cps
Thallium	203-1	1659	1609	1700	1656	2.77	cps
Thallium	205-1	3776	4393	4509	4226	9.33	cps
Tin	118-1	10146	9604	9796	9849	2.79	cps
Titanium	47-1	7252	7594	7536	7461	2.45	cps
Uranium	238-1	4351	4701	4526	4526	3.87	cps
Vanadium	51-2	3571	3667	3587	3608	1.43	cps
Yttrium	89-1	2823304	2792117	2890161	2835194	1.77	cps
Yttrium	89-2	366747	357117	359359	361074	1.40	cps
Zinc	66-2	567	467	610	548	13.42	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:21:06	DataFile Name :	023LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4351	4484	4176	4337	3.57	cps
Zirconium	91-1	1025	858	1025	970	9.93	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P8
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 20:24:38 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	108	93	98	8.89	cps
Antimony	121-1	83	58	92	78	22.30	cps
Arsenic	75-1	313	355	376	348	9.27	cps
Barium	135-1	8	17	33	19	65.47	cps
Barium	137-1	17	17	17	17	0.00	cps
Beryllium	9-1	30	30	13	24	39.37	cps
Bismuth	209-1	1530432	1520127	1510461	1520340	0.66	cps
Bismuth	209-2	1207643	1209768	1202702	1206704	0.30	cps
Boron	11-1	458	483	450	464	3.74	cps
Boron	10-1	92	83	92	89	5.41	cps
Cadmium	106-1	1992	2175	1892	2020	7.12	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Cadmium	111-1	1396	1521	1320	1412	7.20	cps
Calcium	43-1	3010	2770	3024	2935	4.86	cps
Calcium	44-1	39696	39282	38466	39148	1.60	cps
Chromium	52-2	533	563	497	531	6.29	cps
Cobalt	59-2	37	43	23	34	29.57	cps
Copper	63-2	320	300	297	306	4.13	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	2692231	2749604	2653677	2698504	1.79	cps
Holmium	165-2	1747435	1767313	1749501	1754750	0.62	cps
Indium	115-1	2557587	2521488	2476781	2518619	1.61	cps
Indium	115-2	463716	463527	464446	463896	0.10	cps
Iron	56-2	856	872	589	772	20.59	cps
Iron	57-2	22	33	11	22	50.00	cps
Krypton	83-1	310	400	353	354	12.70	cps
Lead	207-1	294	372	250	306	20.25	cps
Lead	208-1	1550	1589	1445	1528	4.89	cps
Lead	206-1	344	406	394	381	8.53	cps
Lithium	6-1	172356	171885	170403	171548	0.59	cps
Magnesium	24-2	100	50	67	72	35.26	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:24:38	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	10	10	10	0.00	cps
Molybdenum	94-1	75	83	125	94	28.37	cps
Molybdenum	95-1	17	17	33	22	43.28	cps
Molybdenum	96-1	33	17	42	31	41.66	cps
Molybdenum	97-1	17	17	50	28	69.27	cps
Molybdenum	98-1	8	25	8	14	69.31	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	17	33	13	21	50.75	cps
Phosphorus	31-2	42	0	17	19	107.85	cps
Potassium	39-2	9879	9829	9837	9848	0.27	cps
Rhodium	103-1	2450993	2436955	2477431	2455126	0.84	cps
Rhodium	103-2	1687563	1693840	1683860	1688421	0.30	cps
Scandium	45-1	1753475	1732102	1727180	1737586	0.80	cps
Scandium	45-2	54188	54244	53716	54049	0.54	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	7	7	7	0.00	cps
Selenium	82-1	34	14	39	29	46.91	cps
Silicon	28-1	6372183	6320336	6383824	6358781	0.53	cps
Silver	109-1	117	108	108	111	4.33	cps
Silver	107-1	125	183	117	142	25.64	cps
Sodium	23-2	11522	11055	10955	11177	2.71	cps
Strontium	86-1	550	600	567	572	4.45	cps
Strontium	88-1	25	33	33	31	15.74	cps
Sulfur	34-1	281995	282851	284995	283280	0.55	cps
Terbium	159-1	2897524	2883025	2817205	2865918	1.49	cps
Terbium	159-2	1782620	1780682	1789998	1784433	0.28	cps
Thallium	203-1	33	67	75	58	37.80	cps
Thallium	205-1	125	183	175	161	19.58	cps
Tin	118-1	142	108	158	136	18.70	cps
Titanium	47-1	5151	4859	5026	5012	2.92	cps
Uranium	238-1	8	42	25	25	66.68	cps
Vanadium	51-2	13	7	17	12	41.65	cps
Yttrium	89-1	2852597	2842547	2857128	2850758	0.26	cps
Yttrium	89-2	357306	359881	356860	358016	0.46	cps
Zinc	66-2	137	103	137	126	15.33	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:24:38	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	208	200	225	211	6.03	cps
Zirconium	91-1	58	100	83	81	26.03	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:28:10	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	258	193	230	14.62	cps
Antimony	121-1	5568	5260	5693	5507	4.05	cps
Arsenic	75-1	1332	1413	1298	1348	4.40	cps
Barium	135-1	6043	6043	6369	6152	3.05	cps
Barium	137-1	10596	10079	11047	10574	4.58	cps
Beryllium	9-1	330	353	367	350	5.30	cps
Bismuth	209-1	1555943	1485828	1536741	1526171	2.37	cps
Bismuth	209-2	1180006	1218538	1196891	1198479	1.61	cps
Boron	11-1	5418	5410	5535	5454	1.28	cps
Boron	10-1	1108	942	958	1003	9.15	cps
Cadmium	106-1	2284	2084	2184	2184	4.58	cps
Cadmium	108-1	63	38	79	60	35.12	cps
Cadmium	111-1	2184	2120	2177	2160	1.63	cps
Calcium	43-1	6925	6808	6685	6806	1.76	cps
Calcium	44-1	101489	102440	101288	101739	0.60	cps
Chromium	52-2	2184	2380	2090	2218	6.68	cps
Cobalt	59-2	1630	1803	1593	1676	6.70	cps
Copper	63-2	2757	2944	2980	2894	4.14	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	2766164	2646932	2701703	2704933	2.21	cps
Holmium	165-2	1753476	1781546	1769906	1768309	0.80	cps
Indium	115-1	2575797	2453032	2552457	2527095	2.58	cps
Indium	115-2	458820	470922	468742	466161	1.38	cps
Iron	56-2	35357	34766	35936	35353	1.65	cps
Iron	57-2	883	1011	839	911	9.81	cps
Krypton	83-1	333	373	347	351	5.80	cps
Lead	207-1	1356	1367	1461	1395	4.16	cps
Lead	208-1	5929	6173	6156	6086	2.24	cps
Lead	206-1	1550	1672	1583	1602	3.94	cps
Lithium	6-1	174168	167709	169762	170546	1.93	cps
Magnesium	24-2	17920	17453	18412	17929	2.68	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:28:10	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	373	383	352	12.92	cps
Molybdenum	94-1	5310	5118	5560	5329	4.16	cps
Molybdenum	95-1	6744	6844	7052	6880	2.29	cps
Molybdenum	96-1	7236	7077	7152	7155	1.11	cps
Molybdenum	97-1	4326	4193	4193	4237	1.82	cps
Molybdenum	98-1	10838	10855	10563	10752	1.52	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	527	450	497	491	7.87	cps
Phosphorus	31-2	75	100	92	89	14.33	cps
Potassium	39-2	24664	24431	24572	24556	0.48	cps
Rhodium	103-1	2529295	2398375	2454597	2460755	2.67	cps
Rhodium	103-2	1665375	1707369	1703711	1692151	1.37	cps
Scandium	45-1	1766152	1694085	1720533	1726923	2.11	cps
Scandium	45-2	53435	54736	55014	54395	1.55	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	35	30	20	28	26.36	cps
Selenium	82-1	257	245	310	271	12.79	cps
Silicon	28-1	6331226	6319807	6319784	6323606	0.10	cps
Silver	109-1	3459	3909	3426	3598	7.51	cps
Silver	107-1	3592	3551	3292	3478	4.67	cps
Sodium	23-2	55811	54405	54112	54776	1.66	cps
Strontium	86-1	1450	1425	1492	1456	2.31	cps
Strontium	88-1	6919	7369	7594	7294	4.72	cps
Sulfur	34-1	281611	281934	282742	282096	0.21	cps
Terbium	159-1	2939531	2738851	2888345	2855576	3.65	cps
Terbium	159-2	1753319	1785630	1801257	1780069	1.37	cps
Thallium	203-1	1634	1675	1700	1670	2.02	cps
Thallium	205-1	3909	4393	3901	4068	6.92	cps
Tin	118-1	10496	9962	10071	10177	2.77	cps
Titanium	47-1	7052	7502	7269	7274	3.10	cps
Uranium	238-1	4810	4426	4618	4618	4.15	cps
Vanadium	51-2	3584	3667	3571	3607	1.45	cps
Yttrium	89-1	2873188	2748195	2811954	2811112	2.22	cps
Yttrium	89-2	355229	359337	361964	358843	0.95	cps
Zinc	66-2	577	527	620	574	8.13	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:28:10	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4109	4201	4126	4145	1.18	cps
Zirconium	91-1	883	1192	967	1014	15.73	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : K1832-02 Instrumnet Name : P8
 Client Sample ID : PT-TM1-WP Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 20:36:10 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11573	12106	11705	11795	2.35	cps
Antimony	121-1	504366	507884	507353	506534	0.37	cps
Arsenic	75-1	490459	494562	489562	491528	0.54	cps
Barium	135-1	429935	435460	426759	430718	1.02	cps
Barium	137-1	733311	744095	747950	741785	1.02	cps
Beryllium	9-1	145991	145625	147772	146463	0.78	cps
Bismuth	209-1	1514759	1531183	1499856	1515266	1.03	cps
Bismuth	209-2	1208824	1226619	1199364	1211602	1.14	cps
Boron	11-1	190408	192686	197442	193512	1.85	cps
Boron	10-1	35386	37559	38035	36993	3.82	cps
Cadmium	106-1	19331	19006	18797	19045	1.41	cps
Cadmium	108-1	12110	12352	12252	12238	0.99	cps
Cadmium	111-1	185087	184483	185075	184882	0.19	cps
Calcium	43-1	4361	4354	4451	4389	1.23	cps
Calcium	44-1	51250	52464	52053	51922	1.19	cps
Chromium	52-2	488180	487254	481170	485535	0.78	cps
Cobalt	59-2	444525	443453	444582	444187	0.14	cps
Copper	63-2	1174736	1190628	1182238	1182534	0.67	cps
Dysprosium	156-1	0	42	25	22	94.38	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	20	13	3	12	68.66	cps
Holmium	165-1	2695458	2717503	2717399	2710120	0.47	cps
Holmium	165-2	1770535	1772714	1773654	1772301	0.09	cps
Indium	115-1	2543097	2538787	2516828	2532904	0.56	cps
Indium	115-2	464601	463077	461159	462945	0.37	cps
Iron	56-2	1132033	1130752	1135222	1132669	0.20	cps
Iron	57-2	29109	28218	27906	28411	2.20	cps
Krypton	83-1	453	397	347	399	13.38	cps
Lead	207-1	1720245	1734560	1768314	1741040	1.42	cps
Lead	208-1	7852152	7915727	7911679	7893186	0.45	cps
Lead	206-1	1970829	1971622	1976701	1973051	0.16	cps
Lithium	6-1	168656	169880	167614	168717	0.67	cps
Magnesium	24-2	67	83	75	75	11.11	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:36:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	344306	344043	342600	343650	0.27	cps
Molybdenum	94-1	172194	174608	172231	173011	0.80	cps
Molybdenum	95-1	306231	312358	304103	307564	1.39	cps
Molybdenum	96-1	325373	330907	329029	328437	0.86	cps
Molybdenum	97-1	191546	188731	191031	190436	0.79	cps
Molybdenum	98-1	489832	493160	490360	491118	0.36	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	125154	126659	126445	126086	0.65	cps
Phosphorus	31-2	42	17	25	28	45.82	cps
Potassium	39-2	8928	9562	9404	9298	3.55	cps
Rhodium	103-1	2490516	2456235	2442127	2462959	1.01	cps
Rhodium	103-2	1706955	1670399	1688644	1688666	1.08	cps
Scandium	45-1	1710245	1715635	1698923	1708268	0.50	cps
Scandium	45-2	53250	55078	53244	53857	1.96	cps
Selenium	77-2	493	467	430	463	6.86	cps
Selenium	78-2	1585	1498	1537	1540	2.83	cps
Selenium	82-1	14855	15061	14995	14971	0.70	cps
Silicon	28-1	6323249	6336157	6286083	6315163	0.41	cps
Silver	109-1	1385055	1408160	1388447	1393887	0.90	cps
Silver	107-1	1457658	1468148	1507838	1477881	1.79	cps
Sodium	23-2	13640	13482	13490	13537	0.66	cps
Strontium	86-1	409257	407350	409041	408549	0.26	cps
Strontium	88-1	3543941	3529814	3561077	3544944	0.44	cps
Sulfur	34-1	234904	232628	231092	232875	0.82	cps
Terbium	159-1	2869492	2876922	2879649	2875355	0.18	cps
Terbium	159-2	1812642	1797044	1774492	1794726	1.07	cps
Thallium	203-1	708138	722330	725702	718723	1.30	cps
Thallium	205-1	1693550	1698302	1754884	1715578	1.99	cps
Tin	118-1	100	158	150	136	23.18	cps
Titanium	47-1	5001	5485	5118	5201	4.85	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	868683	866230	861805	865573	0.40	cps
Yttrium	89-1	2834682	2881458	2830509	2848883	0.99	cps
Yttrium	89-2	360155	363364	356124	359881	1.01	cps
Zinc	66-2	158750	161805	159637	160064	0.98	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:36:10	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	575	608	625	603	4.22	cps
Zirconium	91-1	350	417	300	356	16.46	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:39:40	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	448	425	433	3.00	cps
Antimony	121-1	408	267	242	306	29.42	cps
Arsenic	75-1	884	819	754	819	7.95	cps
Barium	135-1	125	125	133	128	3.76	cps
Barium	137-1	192	192	275	219	21.92	cps
Beryllium	9-1	63	23	37	41	49.54	cps
Bismuth	209-1	1536991	1511649	1517932	1522191	0.87	cps
Bismuth	209-2	1188110	1198764	1208234	1198370	0.84	cps
Boron	11-1	38377	39547	39246	39057	1.55	cps
Boron	10-1	7077	7302	7461	7280	2.65	cps
Cadmium	106-1	2317	2292	1992	2200	8.22	cps
Cadmium	108-1	4	17	17	13	57.72	cps
Cadmium	111-1	1652	1597	1395	1548	8.74	cps
Calcium	43-1	3017	3010	2844	2957	3.32	cps
Calcium	44-1	39379	39903	39943	39742	0.79	cps
Chromium	52-2	770	677	590	679	13.26	cps
Cobalt	59-2	227	213	210	217	4.07	cps
Copper	63-2	1030	957	890	959	7.30	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	20	17	3	13	66.16	cps
Holmium	165-1	2728578	2684383	2725987	2712983	0.91	cps
Holmium	165-2	1748723	1786684	1764733	1766713	1.08	cps
Indium	115-1	2489910	2451343	2466961	2469405	0.79	cps
Indium	115-2	444653	438928	447029	443536	0.94	cps
Iron	56-2	1533	1406	1195	1378	12.42	cps
Iron	57-2	72	44	56	57	24.35	cps
Krypton	83-1	300	413	407	373	17.03	cps
Lead	207-1	1083	995	1017	1032	4.49	cps
Lead	208-1	5290	4645	4762	4899	7.01	cps
Lead	206-1	1372	1156	1183	1237	9.53	cps
Lithium	6-1	168796	168908	168597	168767	0.09	cps
Magnesium	24-2	108	133	117	119	10.66	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:39:40	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	33	23	26	27.15	cps
Molybdenum	94-1	1483	1709	1634	1609	7.12	cps
Molybdenum	95-1	100	67	58	75	29.40	cps
Molybdenum	96-1	458	392	267	372	26.14	cps
Molybdenum	97-1	108	33	58	67	57.29	cps
Molybdenum	98-1	208	67	83	119	64.82	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	290	270	307	289	6.36	cps
Phosphorus	31-2	42	25	50	39	32.73	cps
Potassium	39-2	10980	9871	10930	10593	5.91	cps
Rhodium	103-1	2562643	2463492	2472139	2499425	2.20	cps
Rhodium	103-2	1692933	1683978	1707104	1694671	0.69	cps
Scandium	45-1	1750475	1757637	1735044	1747719	0.66	cps
Scandium	45-2	55426	54465	54378	54756	1.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	107	9	-1	39	154.88	cps
Silicon	28-1	7677329	7686638	7596387	7653451	0.65	cps
Silver	109-1	500	458	517	492	6.11	cps
Silver	107-1	533	600	592	575	6.32	cps
Sodium	23-2	26442	25991	26551	26328	1.13	cps
Strontium	86-1	708	633	725	689	7.09	cps
Strontium	88-1	742	250	325	439	60.35	cps
Sulfur	34-1	220348	218109	219259	219238	0.51	cps
Terbium	159-1	2946004	2843498	2903925	2897809	1.78	cps
Terbium	159-2	1794846	1779474	1790342	1788221	0.44	cps
Thallium	203-1	258	150	142	183	35.50	cps
Thallium	205-1	550	400	242	397	38.82	cps
Tin	118-1	3507224	3560306	3571559	3546363	0.97	cps
Titanium	47-1	107117	106034	104304	105818	1.34	cps
Uranium	238-1	17	8	25	17	50.01	cps
Vanadium	51-2	70	70	43	61	25.20	cps
Yttrium	89-1	2905759	2861367	2809693	2858940	1.68	cps
Yttrium	89-2	361028	355067	359547	358547	0.87	cps
Zinc	66-2	143	173	147	154	10.65	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:39:40	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4084	4584	4343	4337	5.77	cps
Zirconium	91-1	983	908	983	958	4.52	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:43:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	65	100	78	24.17	cps
Antimony	121-1	167	175	158	167	5.00	cps
Arsenic	75-1	847	781	637	755	14.22	cps
Barium	135-1	325	242	367	311	20.46	cps
Barium	137-1	567	550	500	539	6.44	cps
Beryllium	9-1	50	33	40	41	20.41	cps
Bismuth	209-1	1960449	1903184	1860332	1907988	2.63	cps
Bismuth	209-2	1449180	1463934	1437974	1450363	0.90	cps
Boron	11-1	2375	1975	1859	2070	13.09	cps
Boron	10-1	417	317	425	386	15.61	cps
Cadmium	106-1	2617	2650	2817	2695	3.98	cps
Cadmium	108-1	0	8	17	8	100.02	cps
Cadmium	111-1	1903	1887	2023	1938	3.83	cps
Calcium	43-1	538234	529048	535630	534304	0.89	cps
Calcium	44-1	8627887	8524320	8582574	8578260	0.61	cps
Chromium	52-2	480	453	537	490	8.69	cps
Cobalt	59-2	83	93	137	104	27.14	cps
Copper	63-2	830	827	690	782	10.21	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	0	25	14	91.65	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	17	7	17	13	43.29	cps
Holmium	165-1	3486293	3359462	3291077	3378944	2.93	cps
Holmium	165-2	2163610	2166131	2122635	2150792	1.14	cps
Indium	115-1	3182978	3098805	3100760	3127514	1.54	cps
Indium	115-2	555301	553303	554964	554523	0.19	cps
Iron	56-2	1400	1350	1506	1419	5.60	cps
Iron	57-2	156	78	144	126	33.41	cps
Krypton	83-1	433	460	427	440	4.01	cps
Lead	207-1	1145	1083	978	1069	7.89	cps
Lead	208-1	5028	5062	4984	5025	0.78	cps
Lead	206-1	1228	1278	1283	1263	2.42	cps
Lithium	6-1	206800	203519	202583	204301	1.08	cps
Magnesium	24-2	478968	482876	475577	479140	0.76	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:43:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140	143	160	148	7.25	cps
Molybdenum	94-1	308	283	358	317	12.06	cps
Molybdenum	95-1	608	617	458	561	15.88	cps
Molybdenum	96-1	500	642	533	558	13.27	cps
Molybdenum	97-1	275	325	308	303	8.41	cps
Molybdenum	98-1	725	792	883	800	9.94	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	63	47	61	22.05	cps
Phosphorus	31-2	17	58	33	36	58.07	cps
Potassium	39-2	1086291	1100942	1093692	1093642	0.67	cps
Rhodium	103-1	3003602	3029514	2949863	2994326	1.36	cps
Rhodium	103-2	2002825	2050321	1954279	2002475	2.40	cps
Scandium	45-1	2143913	2119575	2097010	2120166	1.11	cps
Scandium	45-2	64229	63744	62944	63639	1.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	11	9	9	19.98	cps
Selenium	82-1	-25	-66	-6	-32	-96.12	cps
Silicon	28-1	6130774	6136670	6160713	6142719	0.26	cps
Silver	109-1	442	275	317	344	25.18	cps
Silver	107-1	350	283	308	314	10.73	cps
Sodium	23-2	6203669	6206743	6136763	6182392	0.64	cps
Strontium	86-1	7611	7752	7127	7497	4.37	cps
Strontium	88-1	59347	57397	55790	57511	3.10	cps
Sulfur	34-1	246262	254110	271794	257389	5.08	cps
Terbium	159-1	3594221	3575594	3508416	3559410	1.27	cps
Terbium	159-2	2160341	2150318	2156635	2155764	0.24	cps
Thallium	203-1	192	242	175	203	17.11	cps
Thallium	205-1	417	600	383	467	25.00	cps
Tin	118-1	1067	1075	1008	1050	3.46	cps
Titanium	47-1	5235	4926	5051	5071	3.06	cps
Uranium	238-1	25	25	33	28	17.31	cps
Vanadium	51-2	160	190	180	177	8.65	cps
Yttrium	89-1	3543506	3514994	3412748	3490416	1.97	cps
Yttrium	89-2	427311	433786	429672	430256	0.76	cps
Zinc	66-2	193	217	230	213	8.70	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:43:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	125	250	158	178	36.41	cps
Zirconium	91-1	75	67	192	111	62.90	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:46:42	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5980	6198	5958	6045	2.19	cps
Antimony	121-1	254968	258356	257903	257076	0.72	cps
Arsenic	75-1	247950	248111	249426	248496	0.33	cps
Barium	135-1	216377	222569	222739	220561	1.64	cps
Barium	137-1	378203	380932	378390	379175	0.40	cps
Beryllium	9-1	73932	73922	73530	73795	0.31	cps
Bismuth	209-1	1569253	1570966	1603956	1581392	1.24	cps
Bismuth	209-2	1240314	1255601	1258931	1251615	0.79	cps
Boron	11-1	96348	99636	99385	98456	1.86	cps
Boron	10-1	18196	19790	19205	19063	4.23	cps
Cadmium	106-1	10530	10872	10354	10585	2.49	cps
Cadmium	108-1	6360	6076	6339	6259	2.52	cps
Cadmium	111-1	96065	94152	94827	95015	1.02	cps
Calcium	43-1	3684	3697	3747	3709	0.90	cps
Calcium	44-1	46657	47376	47099	47044	0.77	cps
Chromium	52-2	244800	245170	246375	245449	0.34	cps
Cobalt	59-2	222380	224295	224332	223669	0.50	cps
Copper	63-2	592081	588891	600384	593785	1.00	cps
Dysprosium	156-1	25	33	0	19	89.21	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	42	25	42	36	26.65	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	2792884	2785618	2788897	2789133	0.13	cps
Holmium	165-2	1845993	1810740	1808495	1821743	1.15	cps
Indium	115-1	2580323	2542974	2643716	2589005	1.97	cps
Indium	115-2	472286	468682	472741	471236	0.47	cps
Iron	56-2	578173	569173	572200	573182	0.80	cps
Iron	57-2	14764	13846	14769	14460	3.67	cps
Krypton	83-1	403	433	307	381	17.37	cps
Lead	207-1	876374	884784	888054	883071	0.68	cps
Lead	208-1	4023312	4073095	4075304	4057237	0.72	cps
Lead	206-1	1004103	1022864	1019824	1015597	0.99	cps
Lithium	6-1	169233	172625	171330	171062	1.00	cps
Magnesium	24-2	67	100	33	67	50.01	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:46:42	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	172025	174181	174468	173558	0.77	cps
Molybdenum	94-1	87239	89830	88438	88503	1.47	cps
Molybdenum	95-1	155541	159907	156604	157350	1.45	cps
Molybdenum	96-1	165330	165787	168950	166689	1.18	cps
Molybdenum	97-1	94749	95771	98833	96451	2.20	cps
Molybdenum	98-1	249586	245473	246543	247201	0.86	cps
Neodymium	150-1	27	40	33	33	19.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63715	62580	62500	62932	1.08	cps
Phosphorus	31-2	8	33	17	19	65.47	cps
Potassium	39-2	10963	10129	10579	10557	3.95	cps
Rhodium	103-1	2499888	2481809	2502777	2494825	0.46	cps
Rhodium	103-2	1727222	1702264	1730570	1720019	0.90	cps
Scandium	45-1	1690596	1759622	1741995	1730738	2.07	cps
Scandium	45-2	54385	54358	53923	54222	0.48	cps
Selenium	77-2	247	207	243	232	9.56	cps
Selenium	78-2	804	754	815	791	4.12	cps
Selenium	82-1	7518	7727	7759	7668	1.71	cps
Silicon	28-1	6211461	6295997	6338308	6281922	1.03	cps
Silver	109-1	697555	705504	708529	703862	0.81	cps
Silver	107-1	733346	734838	737170	735118	0.26	cps
Sodium	23-2	13974	14199	14374	14183	1.42	cps
Strontium	86-1	208744	207118	208901	208255	0.47	cps
Strontium	88-1	1838072	1831928	1858185	1842728	0.75	cps
Sulfur	34-1	300240	294485	294325	296350	1.14	cps
Terbium	159-1	2951726	2958538	2963694	2957986	0.20	cps
Terbium	159-2	1866167	1851112	1852662	1856647	0.45	cps
Thallium	203-1	372412	372354	368959	371242	0.53	cps
Thallium	205-1	873677	880296	865578	873184	0.84	cps
Tin	118-1	400	358	325	361	10.41	cps
Titanium	47-1	4951	4943	5109	5001	1.88	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	436610	432400	436003	435004	0.52	cps
Yttrium	89-1	2897979	2904723	2943775	2915493	0.85	cps
Yttrium	89-2	365286	363425	364222	364311	0.26	cps
Zinc	66-2	80251	80435	81062	80582	0.53	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:46:42	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	408	383	500	431	14.27	cps
Zirconium	91-1	250	333	267	283	15.56	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:50:14	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280	205	270	252	16.18	cps
Antimony	121-1	192	125	183	167	21.79	cps
Arsenic	75-1	501	614	685	600	15.48	cps
Barium	135-1	108	58	83	83	30.00	cps
Barium	137-1	125	75	133	111	28.40	cps
Beryllium	9-1	33	83	30	49	61.12	cps
Bismuth	209-1	1673297	1435031	1467000	1525109	8.48	cps
Bismuth	209-2	1268445	1329612	1282135	1293397	2.48	cps
Boron	11-1	20116	19681	19898	19898	1.09	cps
Boron	10-1	4126	3676	4042	3948	6.07	cps
Cadmium	106-1	2309	2242	2300	2284	1.59	cps
Cadmium	108-1	25	17	4	15	68.61	cps
Cadmium	111-1	1603	1574	1636	1605	1.94	cps
Calcium	43-1	2747	2974	3017	2913	4.98	cps
Calcium	44-1	40706	40605	41317	40876	0.94	cps
Chromium	52-2	577	470	540	529	10.25	cps
Cobalt	59-2	137	150	137	141	5.45	cps
Copper	63-2	800	693	773	756	7.35	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	0	8	14	124.91	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	0	17	20	12	87.67	cps
Holmium	165-1	3490852	2557584	2599146	2882527	18.29	cps
Holmium	165-2	1858578	1944615	1854537	1885910	2.70	cps
Indium	115-1	2552860	2334830	2358131	2415274	4.96	cps
Indium	115-2	469211	491161	472235	477536	2.49	cps
Iron	56-2	1817	1528	1361	1569	14.70	cps
Iron	57-2	72	100	44	72	38.46	cps
Krypton	83-1	343	377	470	397	16.55	cps
Lead	207-1	783	744	956	828	13.57	cps
Lead	208-1	3756	3567	4456	3926	11.93	cps
Lead	206-1	950	1022	1195	1056	11.90	cps
Lithium	6-1	172008	158864	163728	164867	4.03	cps
Magnesium	24-2	150	117	117	128	15.06	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:50:14	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	37	17	32	43.06	cps
Molybdenum	94-1	850	867	775	831	5.88	cps
Molybdenum	95-1	50	58	117	75	48.43	cps
Molybdenum	96-1	217	175	267	219	20.91	cps
Molybdenum	97-1	33	25	42	33	25.01	cps
Molybdenum	98-1	75	50	133	86	49.66	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	187	130	157	158	17.97	cps
Phosphorus	31-2	17	25	25	22	21.64	cps
Potassium	39-2	10429	10613	10513	10518	0.87	cps
Rhodium	103-1	2743580	2308080	2341964	2464541	9.83	cps
Rhodium	103-2	1793550	1850958	1767768	1804092	2.36	cps
Scandium	45-1	1778321	1636144	1646382	1686949	4.70	cps
Scandium	45-2	55161	57541	55459	56054	2.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	7	5	57.32	cps
Selenium	82-1	42	13	-87	-11	-636.27	cps
Silicon	28-1	6682208	6874654	6882329	6813064	1.66	cps
Silver	109-1	400	283	267	317	22.94	cps
Silver	107-1	458	367	317	381	18.88	cps
Sodium	23-2	19372	18546	19831	19250	3.38	cps
Strontium	86-1	625	625	700	650	6.66	cps
Strontium	88-1	258	100	492	283	69.54	cps
Sulfur	34-1	283971	298764	280900	287878	3.32	cps
Terbium	159-1	2790191	2699385	2756901	2748826	1.67	cps
Terbium	159-2	1857452	1985582	1869121	1904052	3.72	cps
Thallium	203-1	217	75	142	144	49.08	cps
Thallium	205-1	442	208	408	353	35.78	cps
Tin	118-1	1765717	1723543	1767922	1752394	1.43	cps
Titanium	47-1	56607	52006	54432	54348	4.24	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	87	37	20	48	72.62	cps
Yttrium	89-1	3034106	2669149	2703887	2802381	7.19	cps
Yttrium	89-2	373647	387451	372849	377982	2.17	cps
Zinc	66-2	123	130	120	124	4.09	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 20:50:14	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2484	1917	1934	2111	15.28	cps
Zirconium	91-1	625	583	550	586	6.41	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-09 20:53:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	80	80	78	5.59	cps
Antimony	121-1	100	75	50	75	33.34	cps
Arsenic	75-1	497	535	498	510	4.24	cps
Barium	135-1	142	75	17	78	80.42	cps
Barium	137-1	108	175	83	122	38.77	cps
Beryllium	9-1	47	30	37	38	22.21	cps
Bismuth	209-1	1642701	1646888	1642200	1643930	0.16	cps
Bismuth	209-2	1253668	1259749	1276638	1263352	0.94	cps
Boron	11-1	1967	1734	1792	1831	6.63	cps
Boron	10-1	358	317	283	319	11.76	cps
Cadmium	106-1	2350	2442	2259	2350	3.90	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Cadmium	111-1	1666	1726	1600	1664	3.78	cps
Calcium	43-1	92891	91861	93384	92712	0.84	cps
Calcium	44-1	1525279	1514316	1556531	1532042	1.43	cps
Chromium	52-2	493	477	493	488	1.97	cps
Cobalt	59-2	50	27	40	39	30.10	cps
Copper	63-2	553	503	433	497	12.14	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	8	42	17	22	78.07	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	0	13	10	8	89.21	cps
Holmium	165-1	2906307	2785545	2831458	2841104	2.15	cps
Holmium	165-2	1856142	1849722	1879452	1861772	0.84	cps
Indium	115-1	2620663	2655252	2660805	2645573	0.82	cps
Indium	115-2	477915	480579	485973	481489	0.85	cps
Iron	56-2	1583	1333	906	1274	26.90	cps
Iron	57-2	78	72	50	67	22.05	cps
Krypton	83-1	390	490	417	432	11.98	cps
Lead	207-1	550	589	489	543	9.29	cps
Lead	208-1	2361	2645	2567	2524	5.80	cps
Lead	206-1	606	650	656	637	4.30	cps
Lithium	6-1	172654	173746	174141	173514	0.44	cps
Magnesium	24-2	82447	83437	80914	82266	1.55	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-09 20:53:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	47	37	47	21.43	cps
Molybdenum	94-1	117	67	158	114	40.30	cps
Molybdenum	95-1	158	92	167	139	29.60	cps
Molybdenum	96-1	108	142	117	122	14.20	cps
Molybdenum	97-1	42	92	42	58	49.48	cps
Molybdenum	98-1	208	267	192	222	17.72	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	40	17	38	53.18	cps
Phosphorus	31-2	33	58	42	44	28.65	cps
Potassium	39-2	188834	195263	193920	192673	1.76	cps
Rhodium	103-1	2538716	2572104	2559237	2556686	0.66	cps
Rhodium	103-2	1727899	1721723	1795488	1748370	2.34	cps
Scandium	45-1	1773495	1771997	1801978	1782490	0.95	cps
Scandium	45-2	55991	55543	55449	55661	0.52	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	6	7	6	17.29	cps
Selenium	82-1	8	-109	-28	-43	-138.59	cps
Silicon	28-1	6195582	6199454	6227555	6207530	0.28	cps
Silver	109-1	133	167	150	150	11.11	cps
Silver	107-1	200	183	192	192	4.35	cps
Sodium	23-2	1105898	1109753	1111015	1108888	0.24	cps
Strontium	86-1	1717	1792	1784	1764	2.33	cps
Strontium	88-1	9671	9779	9604	9684	0.91	cps
Sulfur	34-1	274143	275493	278780	276139	0.86	cps
Terbium	159-1	3008510	3066952	3008397	3027953	1.12	cps
Terbium	159-2	1863886	1853017	1891276	1869393	1.05	cps
Thallium	203-1	133	167	125	142	15.56	cps
Thallium	205-1	258	375	242	292	24.91	cps
Tin	118-1	583	675	792	683	15.28	cps
Titanium	47-1	5226	4751	5060	5012	4.81	cps
Uranium	238-1	25	33	17	25	33.32	cps
Vanadium	51-2	43	53	43	47	12.37	cps
Yttrium	89-1	2981368	2985305	2867894	2944856	2.26	cps
Yttrium	89-2	373638	367361	377533	372844	1.38	cps
Zinc	66-2	73	83	80	79	6.46	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1832-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-04-09 20:53:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	125	183	158	156	18.81	cps
Zirconium	91-1	67	92	67	75	19.24	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : K1831-02 Instrumnet Name : P8
 Client Sample ID : PT-TM1-WP Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 20:57:17 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11775	11720	11645	11714	0.56	cps
Antimony	121-1	520481	520330	524655	521822	0.47	cps
Arsenic	75-1	501466	498292	497543	499100	0.42	cps
Barium	135-1	446360	450715	444890	447322	0.68	cps
Barium	137-1	770059	773823	770425	771436	0.27	cps
Beryllium	9-1	149129	150036	148288	149151	0.59	cps
Bismuth	209-1	1591642	1601454	1597590	1596895	0.31	cps
Bismuth	209-2	1234296	1283294	1236168	1251253	2.22	cps
Boron	11-1	190602	197324	199721	195882	2.41	cps
Boron	10-1	36932	37592	37834	37453	1.25	cps
Cadmium	106-1	19924	19431	19490	19615	1.37	cps
Cadmium	108-1	12293	12452	12177	12307	1.12	cps
Cadmium	111-1	189732	192805	194736	192425	1.31	cps
Calcium	43-1	3984	4427	4184	4198	5.29	cps
Calcium	44-1	52267	52063	52280	52203	0.23	cps
Chromium	52-2	495222	488928	493732	492628	0.67	cps
Cobalt	59-2	452326	443564	452769	449553	1.15	cps
Copper	63-2	1182098	1194249	1185361	1187236	0.53	cps
Dysprosium	156-1	25	33	17	25	33.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	75	33	108.97	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	25	25	28	17.31	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	2762792	2829210	2786347	2792783	1.21	cps
Holmium	165-2	1799876	1850075	1785205	1811718	1.88	cps
Indium	115-1	2548182	2592516	2613006	2584568	1.28	cps
Indium	115-2	471353	477986	463115	470818	1.58	cps
Iron	56-2	1146543	1139610	1140482	1142212	0.33	cps
Iron	57-2	28424	27917	28764	28368	1.50	cps
Krypton	83-1	353	330	330	338	3.99	cps
Lead	207-1	1836025	1848947	1809701	1831557	1.09	cps
Lead	208-1	8272688	8353263	8295054	8307002	0.50	cps
Lead	206-1	2042016	2102982	2104816	2083271	1.72	cps
Lithium	6-1	170831	172372	172431	171878	0.53	cps
Magnesium	24-2	67	117	142	108	35.25	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:57:17	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	347060	346970	344548	346193	0.41	cps
Molybdenum	94-1	179681	178974	176239	178298	1.02	cps
Molybdenum	95-1	312491	316152	317876	315506	0.87	cps
Molybdenum	96-1	329443	333369	335607	332806	0.94	cps
Molybdenum	97-1	193470	192837	192440	192916	0.27	cps
Molybdenum	98-1	504610	503139	502183	503311	0.24	cps
Neodymium	150-1	40	27	20	29	35.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	127333	127796	127289	127473	0.22	cps
Phosphorus	31-2	17	33	42	31	41.66	cps
Potassium	39-2	9729	9520	10046	9765	2.71	cps
Rhodium	103-1	2513360	2501814	2500990	2505388	0.28	cps
Rhodium	103-2	1715315	1753523	1689749	1719529	1.87	cps
Scandium	45-1	1762764	1757234	1745064	1755021	0.52	cps
Scandium	45-2	53659	54566	52856	53693	1.59	cps
Selenium	77-2	417	473	367	419	12.74	cps
Selenium	78-2	1600	1476	1420	1499	6.14	cps
Selenium	82-1	15048	15173	15745	15322	2.43	cps
Silicon	28-1	6398430	6420827	6408663	6409306	0.17	cps
Silver	109-1	1428500	1447515	1426053	1434022	0.82	cps
Silver	107-1	1493825	1510996	1510342	1505055	0.65	cps
Sodium	23-2	14049	15242	14708	14667	4.07	cps
Strontium	86-1	409458	411169	414908	411845	0.68	cps
Strontium	88-1	3548061	3626926	3629897	3601628	1.29	cps
Sulfur	34-1	269845	264089	257446	263793	2.35	cps
Terbium	159-1	2973604	2977391	2955595	2968863	0.39	cps
Terbium	159-2	1832186	1900681	1825900	1852922	2.24	cps
Thallium	203-1	750204	750296	748494	749665	0.14	cps
Thallium	205-1	1783899	1776021	1802879	1787599	0.77	cps
Tin	118-1	300	283	367	317	13.93	cps
Titanium	47-1	4926	4751	4934	4871	2.13	cps
Uranium	238-1	33	8	17	19	65.47	cps
Vanadium	51-2	872645	866546	875317	871502	0.52	cps
Yttrium	89-1	2892318	2898488	2923684	2904830	0.57	cps
Yttrium	89-2	361816	371686	358520	364007	1.88	cps
Zinc	66-2	161808	160803	161326	161313	0.31	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 20:57:17	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	583	667	633	628	6.68	cps
Zirconium	91-1	417	308	300	342	19.05	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:00:47	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	448	425	448	440	2.95	cps
Antimony	121-1	350	367	183	300	33.79	cps
Arsenic	75-1	798	913	914	875	7.61	cps
Barium	135-1	167	208	92	156	38.01	cps
Barium	137-1	258	250	150	219	27.47	cps
Beryllium	9-1	47	50	27	41	30.69	cps
Bismuth	209-1	1627522	1604233	1613289	1615015	0.73	cps
Bismuth	209-2	1260275	1255516	1249219	1255003	0.44	cps
Boron	11-1	40308	40775	41728	40937	1.77	cps
Boron	10-1	7619	7544	7986	7716	3.07	cps
Cadmium	106-1	2000	1975	2200	2059	5.99	cps
Cadmium	108-1	21	21	0	14	86.60	cps
Cadmium	111-1	1415	1381	1557	1451	6.44	cps
Calcium	43-1	2747	2834	3020	2867	4.87	cps
Calcium	44-1	40281	40197	39288	39922	1.38	cps
Chromium	52-2	690	757	637	694	8.66	cps
Cobalt	59-2	260	257	190	236	16.76	cps
Copper	63-2	953	1077	913	981	8.68	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	33	42	42	39	12.38	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	2840014	2831458	2831864	2834446	0.17	cps
Holmium	165-2	1836562	1841843	1806498	1828301	1.04	cps
Indium	115-1	2529913	2572505	2529284	2543900	0.97	cps
Indium	115-2	456186	455384	446667	452746	1.17	cps
Iron	56-2	1550	1950	1483	1661	15.20	cps
Iron	57-2	44	67	61	57	20.14	cps
Krypton	83-1	340	377	427	381	11.42	cps
Lead	207-1	1067	1067	867	1000	11.55	cps
Lead	208-1	5445	5817	4412	5225	13.94	cps
Lead	206-1	1456	1556	1272	1428	10.06	cps
Lithium	6-1	173094	173907	174539	173847	0.42	cps
Magnesium	24-2	42	167	117	108	58.08	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:00:47	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	50	40	39	30.10	cps
Molybdenum	94-1	1567	1492	1717	1592	7.20	cps
Molybdenum	95-1	117	158	67	114	40.30	cps
Molybdenum	96-1	400	333	392	375	9.69	cps
Molybdenum	97-1	50	67	25	47	44.41	cps
Molybdenum	98-1	183	200	75	153	44.43	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	250	297	237	261	12.07	cps
Phosphorus	31-2	17	25	42	28	45.82	cps
Potassium	39-2	10346	10688	10613	10549	1.70	cps
Rhodium	103-1	2513052	2548634	2564976	2542221	1.04	cps
Rhodium	103-2	1749357	1737844	1718571	1735257	0.90	cps
Scandium	45-1	1756472	1765914	1744525	1755637	0.61	cps
Scandium	45-2	55131	53856	54154	54380	1.23	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	11	7	7	50.02	cps
Selenium	82-1	56	-16	-55	-5	-1133.37	cps
Silicon	28-1	7833784	7838104	7841290	7837726	0.05	cps
Silver	109-1	333	425	433	397	13.97	cps
Silver	107-1	425	367	8315	3036	150.62	cps
Sodium	23-2	27018	26918	26392	26776	1.26	cps
Strontium	86-1	550	758	492	600	23.37	cps
Strontium	88-1	483	458	167	369	47.66	cps
Sulfur	34-1	247573	248193	242140	245968	1.35	cps
Terbium	159-1	3000648	3008335	2989277	2999420	0.32	cps
Terbium	159-2	1854148	1877620	1845458	1859075	0.89	cps
Thallium	203-1	225	142	183	183	22.73	cps
Thallium	205-1	592	417	225	411	44.61	cps
Tin	118-1	3697751	3704006	3728558	3710105	0.44	cps
Titanium	47-1	105554	109736	108502	107931	1.99	cps
Uranium	238-1	42	17	0	19	107.85	cps
Vanadium	51-2	87	137	23	82	69.08	cps
Yttrium	89-1	2916064	2905100	2937926	2919697	0.57	cps
Yttrium	89-2	371421	365748	359053	365407	1.69	cps
Zinc	66-2	107	150	100	119	22.83	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:00:47	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4468	4218	4243	4309	3.20	cps
Zirconium	91-1	892	1183	1008	1028	14.28	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:04:19	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88	93	83	88	5.71	cps
Antimony	121-1	150	83	67	100	44.10	cps
Arsenic	75-1	841	741	631	738	14.22	cps
Barium	135-1	300	292	233	275	13.21	cps
Barium	137-1	542	458	408	469	14.35	cps
Beryllium	9-1	57	43	20	40	46.40	cps
Bismuth	209-1	1982512	1976217	1927643	1962124	1.53	cps
Bismuth	209-2	1499851	1491240	1474410	1488500	0.87	cps
Boron	11-1	2150	1950	2034	2045	4.91	cps
Boron	10-1	400	333	383	372	9.32	cps
Cadmium	106-1	2767	2834	2800	2800	1.19	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Cadmium	111-1	1978	1997	1992	1989	0.50	cps
Calcium	43-1	546002	540860	539015	541959	0.67	cps
Calcium	44-1	8723439	8686605	8779197	8729747	0.53	cps
Chromium	52-2	440	480	520	480	8.33	cps
Cobalt	59-2	97	100	77	91	13.85	cps
Copper	63-2	683	713	727	708	3.14	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	33	50	67	50	33.34	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	3508339	3440557	3389190	3446029	1.73	cps
Holmium	165-2	2220454	2237442	2257811	2238569	0.84	cps
Indium	115-1	3234043	3149598	3108725	3164122	2.02	cps
Indium	115-2	566076	568384	564339	566266	0.36	cps
Iron	56-2	1567	1417	1433	1472	5.58	cps
Iron	57-2	100	111	94	102	8.33	cps
Krypton	83-1	413	437	383	411	6.50	cps
Lead	207-1	1133	1033	872	1013	13.01	cps
Lead	208-1	5228	4878	3584	4563	18.99	cps
Lead	206-1	1256	1239	806	1100	23.19	cps
Lithium	6-1	215299	212061	208267	211876	1.66	cps
Magnesium	24-2	494788	485426	482236	487483	1.34	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:04:19	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	110	130	118	9.10	cps
Molybdenum	94-1	400	358	375	378	5.55	cps
Molybdenum	95-1	417	533	433	461	13.68	cps
Molybdenum	96-1	592	550	517	553	6.80	cps
Molybdenum	97-1	258	300	292	283	7.78	cps
Molybdenum	98-1	883	850	758	831	7.79	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50	63	33	49	30.75	cps
Phosphorus	31-2	67	42	33	47	36.73	cps
Potassium	39-2	1109474	1109982	1104664	1108040	0.26	cps
Rhodium	103-1	3086461	3057303	3042321	3062028	0.73	cps
Rhodium	103-2	2042233	2097694	2032232	2057386	1.71	cps
Scandium	45-1	2175421	2163877	2125311	2154870	1.22	cps
Scandium	45-2	64959	65435	63962	64785	1.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	6	7	9	52.90	cps
Selenium	82-1	36	-44	3	-2	-2435.64	cps
Silicon	28-1	6295991	6328133	6362584	6328903	0.53	cps
Silver	109-1	275	267	275	272	1.77	cps
Silver	107-1	233	350	258	281	21.90	cps
Sodium	23-2	6312772	6300450	6302255	6305159	0.11	cps
Strontium	86-1	7628	7477	7227	7444	2.72	cps
Strontium	88-1	59406	58493	55824	57908	3.21	cps
Sulfur	34-1	263148	272820	278610	271526	2.88	cps
Terbium	159-1	3712987	3703581	3605962	3674176	1.61	cps
Terbium	159-2	2248760	2247368	2256772	2250967	0.23	cps
Thallium	203-1	100	158	75	111	38.49	cps
Thallium	205-1	375	317	142	278	43.72	cps
Tin	118-1	1158	950	375	828	49.01	cps
Titanium	47-1	5210	5210	5185	5201	0.28	cps
Uranium	238-1	0	17	33	17	99.99	cps
Vanadium	51-2	103	157	183	148	27.56	cps
Yttrium	89-1	3614724	3539945	3533248	3562639	1.27	cps
Yttrium	89-2	436077	440219	435936	437411	0.56	cps
Zinc	66-2	103	170	130	134	24.96	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:04:19	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	133	150	192	158	18.98	cps
Zirconium	91-1	67	133	75	92	39.63	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:07:49	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458798	451840	454437	455025	0.77	cps
Antimony	121-1	1612701	1615158	1647931	1625263	1.21	cps
Arsenic	75-1	505871	513336	510526	509911	0.74	cps
Barium	135-1	1622111	1624703	1659016	1635277	1.26	cps
Barium	137-1	2787083	2782118	2793978	2787726	0.21	cps
Beryllium	9-1	171451	172159	172326	171978	0.27	cps
Bismuth	209-1	1615655	1583922	1585410	1594996	1.12	cps
Bismuth	209-2	1294317	1288357	1297421	1293365	0.36	cps
Boron	11-1	111692	114219	115496	113802	1.70	cps
Boron	10-1	21133	22560	21851	21848	3.27	cps
Cadmium	106-1	41055	39719	39927	40233	1.79	cps
Cadmium	108-1	26117	26339	26117	26191	0.49	cps
Cadmium	111-1	366492	361584	369529	365868	1.10	cps
Calcium	43-1	2079542	2126020	2138464	2114675	1.47	cps
Calcium	44-1	33618350	33632995	33657567	33636304	0.06	cps
Chromium	52-2	491250	496487	493849	493862	0.53	cps
Cobalt	59-2	854688	865053	861596	860446	0.61	cps
Copper	63-2	1324273	1332546	1332032	1329617	0.35	cps
Dysprosium	156-1	50	25	58	44	39.04	cps
Dysprosium	156-2	23	17	17	19	20.36	cps
Erbium	164-1	75	8	25	36	96.09	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	83	33	42	53	50.76	cps
Gadolinium	160-2	23	33	30	29	17.63	cps
Holmium	165-1	2875477	2954635	2926043	2918718	1.37	cps
Holmium	165-2	1991610	1957996	1941848	1963818	1.29	cps
Indium	115-1	2570914	2584009	2607071	2587331	0.71	cps
Indium	115-2	481407	481000	481284	481230	0.04	cps
Iron	56-2	87561205	87379846	88384655	87775235	0.61	cps
Iron	57-2	2239350	2241669	2238912	2239977	0.07	cps
Krypton	83-1	427	473	407	436	7.85	cps
Lead	207-1	661455	663442	658876	661258	0.35	cps
Lead	208-1	3004982	2988636	3009397	3001005	0.36	cps
Lead	206-1	735890	733450	730942	733427	0.34	cps
Lithium	6-1	173333	175445	177563	175447	1.21	cps
Magnesium	24-2	8846461	8702175	8717553	8755397	0.91	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:07:49	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	343381	345879	344090	344450	0.37	cps
Molybdenum	94-1	2811385	2806719	2867764	2828622	1.20	cps
Molybdenum	95-1	3494563	3490303	3503991	3496286	0.20	cps
Molybdenum	96-1	3854022	3838878	3880524	3857808	0.55	cps
Molybdenum	97-1	2155329	2150489	2191975	2165931	1.05	cps
Molybdenum	98-1	5464326	5465369	5508256	5479317	0.46	cps
Neodymium	150-1	93	107	100	100	6.66	cps
Neodymium	150-2	10	20	23	18	39.03	cps
Nickel	60-2	240563	243231	242659	242151	0.58	cps
Phosphorus	31-2	8653	8545	9203	8800	4.01	cps
Potassium	39-2	4090567	4100131	4110115	4100271	0.24	cps
Rhodium	103-1	2495232	2459253	2487140	2480542	0.76	cps
Rhodium	103-2	1728636	1691021	1704473	1708043	1.12	cps
Scandium	45-1	1801692	1797188	1813800	1804227	0.48	cps
Scandium	45-2	56168	55703	55984	55952	0.42	cps
Selenium	77-2	747	710	770	742	4.08	cps
Selenium	78-2	2539	2689	2684	2637	3.23	cps
Selenium	82-1	25645	25995	25737	25792	0.70	cps
Silicon	28-1	7022893	7028131	7083851	7044958	0.48	cps
Silver	109-1	1627192	1614590	1639875	1627219	0.78	cps
Silver	107-1	1724793	1710272	1718382	1717816	0.42	cps
Sodium	23-2	22436169	22305422	22090583	22277391	0.78	cps
Strontium	86-1	448044	449568	454944	450852	0.80	cps
Strontium	88-1	3890528	3906240	3958570	3918446	0.91	cps
Sulfur	34-1	379584	375210	375104	376633	0.68	cps
Terbium	159-1	3138503	3097886	3196482	3144290	1.58	cps
Terbium	159-2	1996994	1989573	1998910	1995159	0.25	cps
Thallium	203-1	936339	934058	933936	934777	0.14	cps
Thallium	205-1	2209778	2232314	2265913	2236002	1.26	cps
Tin	118-1	1048809	1047957	1071437	1056068	1.26	cps
Titanium	47-1	973072	985066	981257	979798	0.63	cps
Uranium	238-1	2744544	2802532	2736578	2761218	1.30	cps
Vanadium	51-2	364001	363258	364667	363975	0.19	cps
Yttrium	89-1	3025176	3002956	3012498	3013544	0.37	cps
Yttrium	89-2	385513	380720	382845	383026	0.63	cps
Zinc	66-2	179876	182061	180896	180944	0.60	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:07:49	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2410737	2410920	2420062	2413906	0.22	cps
Zirconium	91-1	524468	524646	532562	527225	0.88	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:13:21	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	128	130	129	1.12	cps
Antimony	121-1	217	167	250	211	19.87	cps
Arsenic	75-1	441	508	488	479	7.19	cps
Barium	135-1	67	8	75	50	72.65	cps
Barium	137-1	83	25	167	92	77.67	cps
Beryllium	9-1	33	33	43	37	15.75	cps
Bismuth	209-1	1589971	1570041	1605752	1588588	1.13	cps
Bismuth	209-2	1273383	1280281	1276466	1276710	0.27	cps
Boron	11-1	2109	1825	1825	1920	8.52	cps
Boron	10-1	425	317	233	325	29.57	cps
Cadmium	106-1	2309	2350	2109	2256	5.73	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Cadmium	111-1	1616	1655	1501	1590	5.04	cps
Calcium	43-1	2947	3044	3030	3007	1.74	cps
Calcium	44-1	41301	40425	43424	41716	3.70	cps
Chromium	52-2	590	580	727	632	12.96	cps
Cobalt	59-2	80	127	127	111	24.25	cps
Copper	63-2	753	747	737	746	1.13	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	17	42	50	36	48.03	cps
Gadolinium	160-2	3	23	7	11	96.43	cps
Holmium	165-1	2775699	2834768	2789490	2799986	1.10	cps
Holmium	165-2	1876598	1892887	1875021	1881502	0.53	cps
Indium	115-1	2627258	2636114	2637334	2633568	0.21	cps
Indium	115-2	485752	484253	489489	486498	0.55	cps
Iron	56-2	7391	9320	8564	8425	11.54	cps
Iron	57-2	206	239	228	224	7.58	cps
Krypton	83-1	437	440	440	439	0.44	cps
Lead	207-1	672	722	722	706	4.09	cps
Lead	208-1	3411	3228	3156	3265	4.04	cps
Lead	206-1	883	856	750	830	8.48	cps
Lithium	6-1	176109	176750	176918	176592	0.24	cps
Magnesium	24-2	817	833	800	817	2.04	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : CCB72 Instrumnet Name : P8
 Client Sample ID : CCB72 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 21:13:21 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	37	50	46	16.89	cps
Molybdenum	94-1	167	92	200	153	36.32	cps
Molybdenum	95-1	117	67	225	136	59.46	cps
Molybdenum	96-1	183	150	275	203	31.92	cps
Molybdenum	97-1	67	25	158	83	81.85	cps
Molybdenum	98-1	200	125	392	239	57.57	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	50	47	42	25.38	cps
Phosphorus	31-2	17	8	42	22	78.07	cps
Potassium	39-2	11355	10788	10613	10919	3.55	cps
Rhodium	103-1	2549677	2567120	2575400	2564066	0.51	cps
Rhodium	103-2	1750593	1744346	1784450	1759796	1.23	cps
Scandium	45-1	1785902	1795287	1775239	1785476	0.56	cps
Scandium	45-2	55382	55479	54970	55277	0.49	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	13	13	10	54.15	cps
Selenium	82-1	-44	-17	-47	-36	-47.04	cps
Silicon	28-1	6372939	6367677	6405843	6382153	0.32	cps
Silver	109-1	192	258	267	239	17.21	cps
Silver	107-1	317	325	225	289	19.21	cps
Sodium	23-2	15976	16210	16160	16115	0.76	cps
Strontium	86-1	567	567	525	553	4.35	cps
Strontium	88-1	117	83	242	147	56.70	cps
Sulfur	34-1	266800	267073	265500	266458	0.32	cps
Terbium	159-1	2961307	3021847	2969447	2984200	1.10	cps
Terbium	159-2	1864119	1892823	1896498	1884480	0.94	cps
Thallium	203-1	100	158	200	153	32.88	cps
Thallium	205-1	317	225	367	303	23.73	cps
Tin	118-1	442	325	292	353	22.33	cps
Titanium	47-1	4784	5093	5101	4993	3.62	cps
Uranium	238-1	50	17	175	81	103.62	cps
Vanadium	51-2	37	60	77	58	34.77	cps
Yttrium	89-1	2879348	2982950	2996099	2952799	2.17	cps
Yttrium	89-2	376007	375409	376202	375872	0.11	cps
Zinc	66-2	180	180	203	188	7.17	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:13:21	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	325	250	342	306	15.98	cps
Zirconium	91-1	92	133	125	117	18.90	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 21:16:53	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128	128	125	127	1.14	cps
Antimony	121-1	117	217	142	158	32.87	cps
Arsenic	75-1	545	630	565	580	7.70	cps
Barium	135-1	117	192	133	147	26.75	cps
Barium	137-1	158	483	342	328	49.71	cps
Beryllium	9-1	33	37	33	34	5.60	cps
Bismuth	209-1	1695273	1672535	1606176	1657994	2.79	cps
Bismuth	209-2	1329634	1272132	1258008	1286591	2.95	cps
Boron	11-1	1258	1317	1233	1270	3.37	cps
Boron	10-1	225	325	300	283	18.37	cps
Cadmium	106-1	2192	2675	2275	2381	10.85	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Cadmium	111-1	1535	1916	1630	1694	11.70	cps
Calcium	43-1	242188	239002	235860	239017	1.32	cps
Calcium	44-1	3868861	3890706	3779612	3846393	1.53	cps
Chromium	52-2	490	390	407	429	12.49	cps
Cobalt	59-2	77	60	73	70	12.60	cps
Copper	63-2	637	500	543	560	12.47	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	0	17	11	86.60	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	17	8	33	19	65.48	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	2958154	2950441	2909711	2939435	0.89	cps
Holmium	165-2	1954320	1879839	1913854	1916005	1.95	cps
Indium	115-1	2785378	2714659	2694509	2731515	1.75	cps
Indium	115-2	516182	494572	495234	501996	2.45	cps
Iron	56-2	6468	4473	5268	5403	18.59	cps
Iron	57-2	189	211	167	189	11.77	cps
Krypton	83-1	387	337	440	388	13.33	cps
Lead	207-1	572	622	689	628	9.32	cps
Lead	208-1	2911	3295	3434	3213	8.42	cps
Lead	206-1	717	889	995	867	16.18	cps
Lithium	6-1	183247	180189	178014	180484	1.46	cps
Magnesium	24-2	216449	207670	211045	211722	2.09	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 21:16:53	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	70	70	69	2.79	cps
Molybdenum	94-1	250	433	317	333	27.84	cps
Molybdenum	95-1	258	400	442	367	26.21	cps
Molybdenum	96-1	267	500	342	369	32.24	cps
Molybdenum	97-1	150	292	275	239	32.41	cps
Molybdenum	98-1	308	658	608	525	36.06	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	57	23	20	33	60.84	cps
Phosphorus	31-2	42	42	0	28	86.60	cps
Potassium	39-2	489379	479376	483461	484072	1.04	cps
Rhodium	103-1	2659827	2588495	2621287	2623203	1.36	cps
Rhodium	103-2	1825818	1773540	1817133	1805497	1.55	cps
Scandium	45-1	1915712	1875221	1857191	1882708	1.59	cps
Scandium	45-2	59596	58461	57036	58364	2.20	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	4	7	0	4	100.05	cps
Selenium	82-1	2	98	-49	17	433.70	cps
Silicon	28-1	6204379	6249162	6246795	6233445	0.40	cps
Silver	109-1	267	275	225	256	10.48	cps
Silver	107-1	300	342	267	303	12.41	cps
Sodium	23-2	2801087	2803136	2784143	2796122	0.37	cps
Strontium	86-1	3784	3526	3942	3751	5.61	cps
Strontium	88-1	24932	24556	23813	24434	2.33	cps
Sulfur	34-1	268162	276842	277772	274259	1.93	cps
Terbium	159-1	3148897	3095004	3047914	3097272	1.63	cps
Terbium	159-2	1973176	1903704	1916361	1931080	1.92	cps
Thallium	203-1	75	183	125	128	42.43	cps
Thallium	205-1	192	283	317	264	24.53	cps
Tin	118-1	108	250	208	189	38.54	cps
Titanium	47-1	5293	5009	5351	5218	3.50	cps
Uranium	238-1	25	133	150	103	66.04	cps
Vanadium	51-2	40	43	57	47	18.90	cps
Yttrium	89-1	3122665	3059114	3017650	3066476	1.72	cps
Yttrium	89-2	397399	386190	386802	390130	1.62	cps
Zinc	66-2	97	117	110	108	9.45	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	K1831-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-04-09 21:16:53	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	225	192	308	242	24.87	cps
Zirconium	91-1	75	92	117	94	22.21	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BL	Instrumnet Name :	P8
Client Sample ID :	PB117933BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:20:24	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	90	108	103	10.63	cps
Antimony	121-1	117	100	92	103	12.38	cps
Arsenic	75-1	414	351	408	391	8.84	cps
Barium	135-1	42	8	42	31	62.99	cps
Barium	137-1	8	8	33	17	86.62	cps
Beryllium	9-1	30	13	40	28	48.51	cps
Bismuth	209-1	1546770	1542826	1535156	1541584	0.38	cps
Bismuth	209-2	1212197	1226911	1215699	1218269	0.63	cps
Boron	11-1	1292	1092	1100	1161	9.74	cps
Boron	10-1	233	250	208	231	9.10	cps
Cadmium	106-1	2200	2267	2359	2275	3.49	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Cadmium	111-1	1539	1579	1665	1594	4.04	cps
Calcium	43-1	2990	2767	2940	2899	4.04	cps
Calcium	44-1	39980	39769	40014	39921	0.33	cps
Chromium	52-2	623	510	540	558	10.53	cps
Cobalt	59-2	67	67	57	63	9.12	cps
Copper	63-2	460	387	463	437	9.92	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	33	0	33	22	86.60	cps
Gadolinium	160-2	27	7	7	13	86.58	cps
Holmium	165-1	2722510	2740226	2698351	2720362	0.77	cps
Holmium	165-2	1775737	1822327	1797043	1798369	1.30	cps
Indium	115-1	2558018	2539466	2596214	2564566	1.13	cps
Indium	115-2	467239	475485	474391	472372	0.95	cps
Iron	56-2	3606	4151	4645	4134	12.57	cps
Iron	57-2	172	106	128	135	25.11	cps
Krypton	83-1	337	460	397	398	15.50	cps
Lead	207-1	400	394	389	394	1.41	cps
Lead	208-1	1550	1739	1817	1702	8.06	cps
Lead	206-1	394	444	439	426	6.43	cps
Lithium	6-1	167761	166755	168434	167650	0.50	cps
Magnesium	24-2	358	442	467	422	13.43	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BL	Instrumnet Name :	P8
Client Sample ID :	PB117933BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:20:24	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	13	13	13	0.00	cps
Molybdenum	94-1	175	117	133	142	21.21	cps
Molybdenum	95-1	25	50	50	42	34.64	cps
Molybdenum	96-1	58	92	58	69	27.71	cps
Molybdenum	97-1	25	17	83	42	87.18	cps
Molybdenum	98-1	33	83	92	69	45.44	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	13	30	28	48.51	cps
Phosphorus	31-2	42	25	17	28	45.82	cps
Potassium	39-2	10713	10446	10321	10493	1.91	cps
Rhodium	103-1	2490702	2505924	2500930	2499186	0.31	cps
Rhodium	103-2	1712686	1729631	1706748	1716355	0.69	cps
Scandium	45-1	1758663	1742833	1760666	1754054	0.56	cps
Scandium	45-2	54585	55770	54586	54980	1.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	28	-98	17	-18	-388.78	cps
Silicon	28-1	6192035	6164195	6221386	6192539	0.46	cps
Silver	109-1	183	217	158	186	15.73	cps
Silver	107-1	292	242	175	236	24.79	cps
Sodium	23-2	13699	13707	13615	13674	0.37	cps
Strontium	86-1	550	633	642	608	8.33	cps
Strontium	88-1	67	42	75	61	28.38	cps
Sulfur	34-1	291447	290665	290949	291021	0.14	cps
Terbium	159-1	2883169	2914689	2918270	2905376	0.66	cps
Terbium	159-2	1799732	1791058	1806748	1799179	0.44	cps
Thallium	203-1	133	92	142	122	21.92	cps
Thallium	205-1	183	225	300	236	25.04	cps
Tin	118-1	225	258	267	250	8.82	cps
Titanium	47-1	5410	5343	5118	5290	2.89	cps
Uranium	238-1	8	25	83	39	101.28	cps
Vanadium	51-2	33	30	43	36	19.51	cps
Yttrium	89-1	2852927	2921019	2862780	2878908	1.28	cps
Yttrium	89-2	365993	369526	366203	367241	0.54	cps
Zinc	66-2	80	60	80	73	15.75	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BL	Instrumnet Name :	P8
Client Sample ID :	PB117933BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:20:24	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	200	225	250	225	11.11	cps
Zirconium	91-1	92	92	117	100	14.43	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BS	Instrumnet Name :	P8
Client Sample ID :	PB117933BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:23:57	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78356	77317	74080	76584	2.91	cps
Antimony	121-1	1598668	1594058	1565452	1586059	1.13	cps
Arsenic	75-1	495779	498847	498738	497788	0.35	cps
Barium	135-1	1546212	1604640	1559434	1570095	1.95	cps
Barium	137-1	2704293	2731806	2676518	2704206	1.02	cps
Beryllium	9-1	159948	160324	160197	160156	0.12	cps
Bismuth	209-1	1525247	1538086	1678678	1580670	5.39	cps
Bismuth	209-2	1223996	1229835	1187420	1213750	1.89	cps
Boron	11-1	102767	104479	105764	104337	1.44	cps
Boron	10-1	19497	19623	19714	19611	0.56	cps
Cadmium	106-1	39016	39124	38489	38877	0.87	cps
Cadmium	108-1	26092	25879	25879	25950	0.47	cps
Cadmium	111-1	360634	364626	358817	361359	0.82	cps
Calcium	43-1	405997	409905	410907	408936	0.63	cps
Calcium	44-1	6454432	6514102	6564437	6510990	0.85	cps
Chromium	52-2	473333	465374	445033	461247	3.16	cps
Cobalt	59-2	840768	827594	798475	822279	2.63	cps
Copper	63-2	1332368	1320259	1261404	1304677	2.91	cps
Dysprosium	156-1	33	75	67	58	37.80	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	25	58	25	36	53.30	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	2762282	2836756	3047356	2882132	5.13	cps
Holmium	165-2	1823948	1844244	1763776	1810656	2.31	cps
Indium	115-1	2552959	2599213	2785686	2645952	4.66	cps
Indium	115-2	461310	463809	451536	458885	1.41	cps
Iron	56-2	16792092	16481204	15773065	16348787	3.19	cps
Iron	57-2	418609	415082	394830	409507	3.13	cps
Krypton	83-1	357	423	450	410	11.73	cps
Lead	207-1	634463	636410	638882	636585	0.35	cps
Lead	208-1	2847307	2849103	2858286	2851565	0.21	cps
Lead	206-1	695919	699882	698169	697990	0.28	cps
Lithium	6-1	167440	169725	179444	172203	3.70	cps
Magnesium	24-2	1783591	1761044	1663468	1736034	3.68	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BS	Instrumnet Name :	P8
Client Sample ID :	PB117933BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:23:57	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	332842	327862	318758	326488	2.19	cps
Molybdenum	94-1	2712758	2734887	2718332	2721992	0.42	cps
Molybdenum	95-1	3343302	3357934	3384853	3362030	0.63	cps
Molybdenum	96-1	3710935	3717537	3707469	3711981	0.14	cps
Molybdenum	97-1	2093444	2083098	2081285	2085942	0.31	cps
Molybdenum	98-1	5325114	5235582	5302796	5287831	0.88	cps
Neodymium	150-1	53	60	113	76	43.52	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	238363	236769	225287	233473	3.06	cps
Phosphorus	31-2	7928	7811	7227	7655	4.90	cps
Potassium	39-2	769525	765685	741697	758969	1.99	cps
Rhodium	103-1	2435188	2487726	2658755	2527223	4.63	cps
Rhodium	103-2	1669231	1652359	1625070	1648886	1.35	cps
Scandium	45-1	1760500	1766510	1893686	1806899	4.16	cps
Scandium	45-2	55258	53358	52103	53573	2.97	cps
Selenium	77-2	713	750	690	718	4.21	cps
Selenium	78-2	2506	2569	2276	2450	6.29	cps
Selenium	82-1	25189	24902	25327	25140	0.86	cps
Silicon	28-1	6792362	6817248	6860205	6823272	0.50	cps
Silver	109-1	1592123	1572441	1615980	1593514	1.37	cps
Silver	107-1	1657662	1684659	1677820	1673381	0.84	cps
Sodium	23-2	4436536	4333744	4152441	4307574	3.34	cps
Strontium	86-1	434661	438403	438100	437055	0.48	cps
Strontium	88-1	3791139	3812063	3802284	3801828	0.28	cps
Sulfur	34-1	368601	364458	360558	364539	1.10	cps
Terbium	159-1	2931988	2967707	3187354	3029016	4.57	cps
Terbium	159-2	1863686	1843915	1819231	1842277	1.21	cps
Thallium	203-1	885916	902516	896321	894918	0.94	cps
Thallium	205-1	2141168	2172425	2187932	2167175	1.10	cps
Tin	118-1	1009093	1028238	1014557	1017296	0.97	cps
Titanium	47-1	953515	949167	953683	952122	0.27	cps
Uranium	238-1	2486698	2513243	2585624	2528522	2.02	cps
Vanadium	51-2	346766	345320	328792	340293	2.93	cps
Yttrium	89-1	2915574	2936739	3146693	2999669	4.26	cps
Yttrium	89-2	365835	367752	353058	362215	2.21	cps
Zinc	66-2	182204	176691	172655	177183	2.71	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117933BS	Instrumnet Name :	P8
Client Sample ID :	PB117933BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:23:57	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2340211	2283288	2288171	2303890	1.37	cps
Zirconium	91-1	503298	501624	501686	502203	0.19	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BL	Instrumnet Name :	P8
Client Sample ID :	PB117935BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:27:22	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	108	103	95	18.42	cps
Antimony	121-1	633	733	567	644	13.02	cps
Arsenic	75-1	510	590	565	555	7.32	cps
Barium	135-1	117	200	200	172	27.94	cps
Barium	137-1	308	458	358	375	20.37	cps
Beryllium	9-1	37	63	33	44	36.99	cps
Bismuth	209-1	1670773	1628420	1659118	1652770	1.32	cps
Bismuth	209-2	1284867	1269624	1277948	1277480	0.60	cps
Boron	11-1	1959	1875	1959	1931	2.49	cps
Boron	10-1	483	350	458	431	16.46	cps
Cadmium	106-1	2375	2175	2184	2245	5.04	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Cadmium	111-1	1686	1559	1556	1600	4.65	cps
Calcium	43-1	3000	3104	2964	3023	2.40	cps
Calcium	44-1	39546	42190	40726	40820	3.25	cps
Chromium	52-2	627	637	637	633	0.91	cps
Cobalt	59-2	117	103	80	100	18.56	cps
Copper	63-2	887	793	797	826	6.41	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	25	8	14	69.31	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	8	42	42	31	62.99	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	2835684	2854930	2887218	2859277	0.91	cps
Holmium	165-2	1906652	1847108	1881764	1878508	1.59	cps
Indium	115-1	2677699	2678728	2687728	2681385	0.21	cps
Indium	115-2	483758	480391	480665	481605	0.39	cps
Iron	56-2	3867	4001	2389	3419	26.16	cps
Iron	57-2	128	100	61	96	34.78	cps
Krypton	83-1	413	380	400	398	4.22	cps
Lead	207-1	500	622	539	554	11.28	cps
Lead	208-1	2178	2734	2450	2454	11.32	cps
Lead	206-1	594	694	556	615	11.65	cps
Lithium	6-1	173765	177039	175612	175472	0.94	cps
Magnesium	24-2	275	242	183	233	19.89	cps

LB Number : LB101981 Operator : Jaswal
 Lab Sample ID : PB117935BL Instrumnet Name : P8
 Client Sample ID : PB117935BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-09 21:27:22 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	27	13	21	32.88	cps
Molybdenum	94-1	508	550	608	556	9.04	cps
Molybdenum	95-1	358	617	550	508	26.38	cps
Molybdenum	96-1	500	692	558	583	16.84	cps
Molybdenum	97-1	283	425	350	353	20.09	cps
Molybdenum	98-1	733	933	925	864	13.10	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	40	10	33	62.45	cps
Phosphorus	31-2	25	8	50	28	75.51	cps
Potassium	39-2	10104	9412	9979	9832	3.75	cps
Rhodium	103-1	2571250	2612491	2646037	2609926	1.44	cps
Rhodium	103-2	1770330	1770515	1774359	1771735	0.13	cps
Scandium	45-1	1779497	1800210	1802119	1793942	0.70	cps
Scandium	45-2	54840	55118	55218	55059	0.36	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	30	6	2	12	122.16	cps
Selenium	82-1	27	32	-6	18	117.34	cps
Silicon	28-1	6236899	6208344	6170748	6205331	0.53	cps
Silver	109-1	350	325	308	328	6.40	cps
Silver	107-1	458	425	242	375	31.11	cps
Sodium	23-2	12965	13098	13307	13123	1.31	cps
Strontium	86-1	817	908	758	828	9.13	cps
Strontium	88-1	350	650	617	539	30.51	cps
Sulfur	34-1	245828	245973	245122	245641	0.19	cps
Terbium	159-1	3002212	3073229	3085712	3053718	1.47	cps
Terbium	159-2	1884598	1883586	1905911	1891365	0.67	cps
Thallium	203-1	117	183	158	153	22.04	cps
Thallium	205-1	275	458	392	375	24.75	cps
Tin	118-1	325	433	358	372	14.91	cps
Titanium	47-1	5426	4893	5018	5112	5.46	cps
Uranium	238-1	233	317	383	311	24.16	cps
Vanadium	51-2	37	30	23	30	22.23	cps
Yttrium	89-1	2961550	3005839	3011763	2993050	0.92	cps
Yttrium	89-2	374240	373848	372007	373365	0.32	cps
Zinc	66-2	73	80	103	86	18.41	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BL	Instrumnet Name :	P8
Client Sample ID :	PB117935BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:27:22	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	408	608	533	517	19.56	cps
Zirconium	91-1	125	142	258	175	41.51	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BS	Instrumnet Name :	P8
Client Sample ID :	PB117935BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:30:54	DataFile Name :	042LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79341	79636	79120	79366	0.33	cps
Antimony	121-1	1582342	1602343	1622556	1602414	1.25	cps
Arsenic	75-1	507332	508086	504460	506626	0.38	cps
Barium	135-1	1587383	1588321	1604064	1593256	0.59	cps
Barium	137-1	2735304	2740420	2754464	2743396	0.36	cps
Beryllium	9-1	161464	163378	164365	163069	0.90	cps
Bismuth	209-1	1593262	1607289	1624899	1608483	0.99	cps
Bismuth	209-2	1278296	1284402	1355818	1306172	3.30	cps
Boron	11-1	104345	108281	106543	106390	1.85	cps
Boron	10-1	19773	20465	21074	20438	3.19	cps
Cadmium	106-1	39459	39651	39392	39501	0.34	cps
Cadmium	108-1	26192	26426	25963	26194	0.88	cps
Cadmium	111-1	361426	366415	366433	364758	0.79	cps
Calcium	43-1	414259	416348	412235	414281	0.50	cps
Calcium	44-1	6602863	6637081	6622436	6620793	0.26	cps
Chromium	52-2	477150	479430	482377	479652	0.55	cps
Cobalt	59-2	842683	847156	849464	846434	0.41	cps
Copper	63-2	1339363	1351422	1347070	1345952	0.45	cps
Dysprosium	156-1	67	50	83	67	25.00	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	50	33	8	31	68.64	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	25	67	25	39	61.86	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	2861737	2872864	2880473	2871692	0.33	cps
Holmium	165-2	1869468	1931940	1988405	1929938	3.08	cps
Indium	115-1	2639589	2620619	2588925	2616378	0.98	cps
Indium	115-2	479512	484614	503378	489168	2.57	cps
Iron	56-2	17050384	17039880	17039029	17043098	0.04	cps
Iron	57-2	426494	422297	425656	424816	0.52	cps
Krypton	83-1	457	417	383	419	8.76	cps
Lead	207-1	648854	647164	650866	648961	0.29	cps
Lead	208-1	2912890	2891021	2917206	2907039	0.48	cps
Lead	206-1	710868	713281	714645	712931	0.27	cps
Lithium	6-1	170913	172263	171607	171594	0.39	cps
Magnesium	24-2	1782210	1776680	1784077	1780989	0.22	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BS	Instrumnet Name :	P8
Client Sample ID :	PB117935BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:30:54	DataFile Name :	042LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	340228	340635	338843	339902	0.28	cps
Molybdenum	94-1	2729581	2768571	2711915	2736689	1.06	cps
Molybdenum	95-1	3398316	3409809	3360756	3389627	0.76	cps
Molybdenum	96-1	3758458	3814005	3723715	3765393	1.21	cps
Molybdenum	97-1	2120721	2110395	2067951	2099689	1.33	cps
Molybdenum	98-1	5408660	5297403	5269316	5325126	1.38	cps
Neodymium	150-1	100	60	60	73	31.49	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	242960	242439	241669	242356	0.27	cps
Phosphorus	31-2	9162	8570	7953	8561	7.06	cps
Potassium	39-2	790596	791209	786629	789478	0.31	cps
Rhodium	103-1	2494656	2516090	2454319	2488355	1.26	cps
Rhodium	103-2	1706505	1708699	1790401	1735202	2.76	cps
Scandium	45-1	1796238	1806791	1762853	1788627	1.28	cps
Scandium	45-2	55676	56369	58375	56807	2.47	cps
Selenium	77-2	777	827	683	762	9.55	cps
Selenium	78-2	2580	2580	2569	2576	0.25	cps
Selenium	82-1	25196	25687	25706	25529	1.13	cps
Silicon	28-1	6901197	6963039	6915686	6926641	0.47	cps
Silver	109-1	1620643	1612248	1625312	1619401	0.41	cps
Silver	107-1	1695029	1680034	1712168	1695744	0.95	cps
Sodium	23-2	4467349	4495633	4501020	4488001	0.40	cps
Strontium	86-1	438562	446034	442211	442269	0.84	cps
Strontium	88-1	3877180	3873022	3864839	3871680	0.16	cps
Sulfur	34-1	356630	351877	353853	354120	0.67	cps
Terbium	159-1	3037345	3063329	3027219	3042631	0.61	cps
Terbium	159-2	1942093	1934978	2006630	1961234	2.01	cps
Thallium	203-1	902660	911718	909872	908083	0.53	cps
Thallium	205-1	2154202	2190574	2181714	2175497	0.87	cps
Tin	118-1	1029781	1035699	1031267	1032249	0.30	cps
Titanium	47-1	969609	973377	957468	966818	0.86	cps
Uranium	238-1	2552110	2610533	2573514	2578719	1.15	cps
Vanadium	51-2	354104	351348	354846	353433	0.52	cps
Yttrium	89-1	3029481	3042103	2987198	3019594	0.95	cps
Yttrium	89-2	376168	380082	393250	383166	2.34	cps
Zinc	66-2	182082	183621	181494	182399	0.60	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	PB117935BS	Instrumnet Name :	P8
Client Sample ID :	PB117935BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:30:54	DataFile Name :	042LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2350791	2371613	2351744	2358049	0.50	cps
Zirconium	91-1	504178	513589	511013	509593	0.95	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:34:19	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457631	447134	449360	451375	1.23	cps
Antimony	121-1	1634001	1635548	1637074	1635541	0.09	cps
Arsenic	75-1	519901	517712	521888	519834	0.40	cps
Barium	135-1	1671940	1637718	1646497	1652052	1.08	cps
Barium	137-1	2809104	2842107	2842471	2831227	0.68	cps
Beryllium	9-1	166520	167946	170423	168296	1.17	cps
Bismuth	209-1	1584612	1615440	1548184	1582745	2.13	cps
Bismuth	209-2	1266033	1203354	1299078	1256155	3.87	cps
Boron	11-1	108476	111447	113815	111246	2.40	cps
Boron	10-1	21008	21091	20724	20941	0.92	cps
Cadmium	106-1	41039	40537	40838	40805	0.62	cps
Cadmium	108-1	26497	26464	26835	26599	0.77	cps
Cadmium	111-1	369951	368257	371264	369824	0.41	cps
Calcium	43-1	2109047	2119705	2156193	2128315	1.16	cps
Calcium	44-1	33102660	33401659	33216210	33240176	0.45	cps
Chromium	52-2	498759	489731	491768	493420	0.96	cps
Cobalt	59-2	873763	873321	869541	872209	0.27	cps
Copper	63-2	1360976	1351339	1350102	1354139	0.44	cps
Dysprosium	156-1	50	42	58	50	16.67	cps
Dysprosium	156-2	23	20	10	18	39.03	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	10	7	20	12	56.76	cps
Gadolinium	160-1	100	17	67	61	68.63	cps
Gadolinium	160-2	33	33	47	38	20.39	cps
Holmium	165-1	2862175	2962161	2890257	2904864	1.78	cps
Holmium	165-2	1915087	1863123	2004198	1927469	3.70	cps
Indium	115-1	2592359	2669494	2643121	2634991	1.49	cps
Indium	115-2	477385	461216	492643	477081	3.29	cps
Iron	56-2	88543099	88427394	87788958	88253150	0.46	cps
Iron	57-2	2238074	2237581	2198934	2224863	1.01	cps
Krypton	83-1	433	447	430	437	2.02	cps
Lead	207-1	655590	663609	657295	658831	0.64	cps
Lead	208-1	2962185	2970264	2948259	2960236	0.38	cps
Lead	206-1	725159	732603	729852	729205	0.52	cps
Lithium	6-1	169143	171821	171422	170795	0.85	cps
Magnesium	24-2	8830120	8755963	8720436	8768840	0.64	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:34:19	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	351043	350768	348540	350117	0.39	cps
Molybdenum	94-1	2884282	2875578	2868134	2875998	0.28	cps
Molybdenum	95-1	3583083	3508130	3557071	3549428	1.07	cps
Molybdenum	96-1	3976247	3911725	3925334	3937769	0.86	cps
Molybdenum	97-1	2182222	2198092	2197678	2192664	0.41	cps
Molybdenum	98-1	5625442	5573224	5620086	5606251	0.51	cps
Neodymium	150-1	120	153	140	138	12.18	cps
Neodymium	150-2	40	20	40	33	34.64	cps
Nickel	60-2	245439	244992	244854	245095	0.12	cps
Phosphorus	31-2	8945	8845	8253	8681	4.31	cps
Potassium	39-2	4112305	4094678	4130200	4112394	0.43	cps
Rhodium	103-1	2460970	2496096	2462767	2473278	0.80	cps
Rhodium	103-2	1717360	1619105	1720359	1685608	3.42	cps
Scandium	45-1	1798719	1824604	1823194	1815506	0.80	cps
Scandium	45-2	56423	55205	57430	56353	1.98	cps
Selenium	77-2	817	743	710	757	7.21	cps
Selenium	78-2	2613	2530	2622	2589	1.97	cps
Selenium	82-1	25797	26041	25992	25943	0.50	cps
Silicon	28-1	6936735	6965057	7008845	6970212	0.52	cps
Silver	109-1	1598309	1595248	1626404	1606653	1.07	cps
Silver	107-1	1694567	1717348	1640978	1684298	2.33	cps
Sodium	23-2	22773371	22363774	22326621	22487922	1.10	cps
Strontium	86-1	458795	460606	459865	459755	0.20	cps
Strontium	88-1	3961940	4001140	4056706	4006595	1.19	cps
Sulfur	34-1	361969	364734	363956	363553	0.39	cps
Terbium	159-1	3027054	3110492	3050692	3062746	1.40	cps
Terbium	159-2	1934631	1923139	1993182	1950317	1.93	cps
Thallium	203-1	922484	927674	923818	924659	0.29	cps
Thallium	205-1	2215462	2264384	2236480	2238775	1.10	cps
Tin	118-1	1062720	1055845	1068975	1062513	0.62	cps
Titanium	47-1	991738	994915	1003722	996792	0.62	cps
Uranium	238-1	2735632	2710606	2695894	2714044	0.74	cps
Vanadium	51-2	369424	367382	365373	367393	0.55	cps
Yttrium	89-1	3009870	3037308	3036771	3027983	0.52	cps
Yttrium	89-2	381721	368534	391312	380522	3.01	cps
Zinc	66-2	187360	186330	185514	186401	0.50	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:34:19	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2436212	2441296	2450951	2442819	0.31	cps
Zirconium	91-1	537131	535444	535311	535962	0.19	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:39:24	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	125	85	104	19.25	cps
Antimony	121-1	342	425	467	411	15.48	cps
Arsenic	75-1	610	497	456	521	15.38	cps
Barium	135-1	117	67	200	128	52.72	cps
Barium	137-1	200	100	383	228	63.09	cps
Beryllium	9-1	63	33	43	47	32.74	cps
Bismuth	209-1	1655083	1640015	1647579	1647559	0.46	cps
Bismuth	209-2	1307303	1300435	1307119	1304953	0.30	cps
Boron	11-1	2100	1859	1667	1875	11.58	cps
Boron	10-1	417	283	400	367	19.81	cps
Cadmium	106-1	2125	2250	2192	2189	2.86	cps
Cadmium	108-1	21	0	8	10	107.86	cps
Cadmium	111-1	1511	1600	1579	1563	2.99	cps
Calcium	43-1	3024	2840	2954	2939	3.15	cps
Calcium	44-1	43170	41966	44270	43135	2.67	cps
Chromium	52-2	647	723	653	674	6.30	cps
Cobalt	59-2	123	157	63	114	41.33	cps
Copper	63-2	883	900	837	873	3.76	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	0	0	8	173.21	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	42	42	67	50	28.87	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	2866036	2866151	2827305	2853164	0.78	cps
Holmium	165-2	1900392	1892560	1915497	1902816	0.61	cps
Indium	115-1	2698778	2663430	2669628	2677279	0.71	cps
Indium	115-2	489449	493253	490966	491222	0.39	cps
Iron	56-2	5374	7174	4351	5633	25.37	cps
Iron	57-2	167	206	144	172	17.96	cps
Krypton	83-1	357	423	387	389	8.59	cps
Lead	207-1	806	956	945	902	9.27	cps
Lead	208-1	3723	3817	4000	3847	3.67	cps
Lead	206-1	911	850	895	885	3.57	cps
Lithium	6-1	184368	185171	186365	185301	0.54	cps
Magnesium	24-2	592	733	358	561	33.75	cps

LB Number :	LB101981	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-04-09 21:39:24	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	33	27	31	12.36	cps
Molybdenum	94-1	400	325	525	417	24.25	cps
Molybdenum	95-1	342	292	442	358	21.32	cps
Molybdenum	96-1	483	250	392	375	31.35	cps
Molybdenum	97-1	192	167	242	200	19.09	cps
Molybdenum	98-1	575	500	925	667	34.03	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	50	40	47	12.37	cps
Phosphorus	31-2	58	25	17	33	66.14	cps
Potassium	39-2	10471	10913	10855	10746	2.23	cps
Rhodium	103-1	2588505	2611518	2593280	2597768	0.47	cps
Rhodium	103-2	1777815	1796809	1781792	1785472	0.56	cps
Scandium	45-1	1809716	1831237	1888844	1843266	2.22	cps
Scandium	45-2	56513	57373	55824	56570	1.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	13	7	9	34.60	cps
Selenium	82-1	48	-2	11	19	138.73	cps
Silicon	28-1	6510660	6506921	6537871	6518484	0.26	cps
Silver	109-1	417	367	383	389	6.55	cps
Silver	107-1	367	425	425	406	8.30	cps
Sodium	23-2	16752	17345	16126	16741	3.64	cps
Strontium	86-1	575	650	725	650	11.54	cps
Strontium	88-1	342	208	608	386	52.75	cps
Sulfur	34-1	260278	262802	265078	262719	0.91	cps
Terbium	159-1	3065305	2991170	3037273	3031250	1.23	cps
Terbium	159-2	1911623	1919497	1894472	1908531	0.67	cps
Thallium	203-1	167	150	233	183	24.05	cps
Thallium	205-1	383	317	467	389	19.33	cps
Tin	118-1	400	167	450	339	44.63	cps
Titanium	47-1	5585	5476	5351	5471	2.14	cps
Uranium	238-1	233	75	442	250	73.56	cps
Vanadium	51-2	47	37	33	39	17.85	cps
Yttrium	89-1	3019694	3066093	3052991	3046260	0.79	cps
Yttrium	89-2	380126	381524	375728	379126	0.80	cps
Zinc	66-2	207	203	170	193	10.49	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	533	308	592	478	31.32	cps
Zirconium	91-1	183	133	208	175	21.82	cps