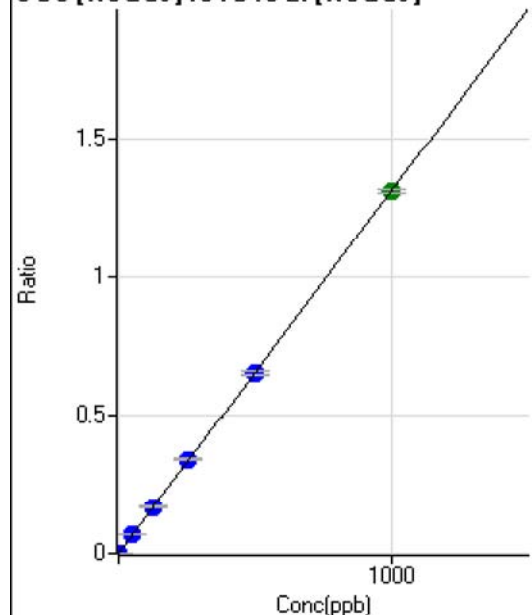


Batch Folder: D:\P8100418-MS.b\
Analysis File: P8100418-MS.batch.bin
DA Date-Time: 2018-10-05 11:38:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-04 13:52:45
2	004CALS.d	S01	2018-10-04 13:56:10
3	005CALS.d	S02	2018-10-04 14:00:18
4	006CALS.d	S03	2018-10-04 14:04:06
5	007CALS.d	S04	2018-10-04 14:07:53
6	008CALS.d	S05	2018-10-04 14:11:32
7	009CALS.d	S06	2018-10-04 14:15:06
8	010CALS.d	S07	2018-10-04 14:18:36
9	011CALS.d	S08	2018-10-04 14:22:02

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0001	P	21.0
2	☐	0.100	0.110	248.16	0.0002	P	9.8
3	☐	1.000	1.014	1472.34	0.0014	P	5.1
4	☐	50.000	50.766	71746.91	0.0667	P	0.9
5	☐	125.000	129.386	177790.27	0.1699	P	2.1
6	☐	250.000	260.938	352839.35	0.3425	P	2.2
7	☐	500.000	497.089	677238.88	0.6524	P	1.4
8	☐	1000.000	998.134	1319866.68	1.3099	A	1.1
9	☐			781.53	0.0008	P	6.9

$$y = 0.0013 * x + 9.0089E-005$$

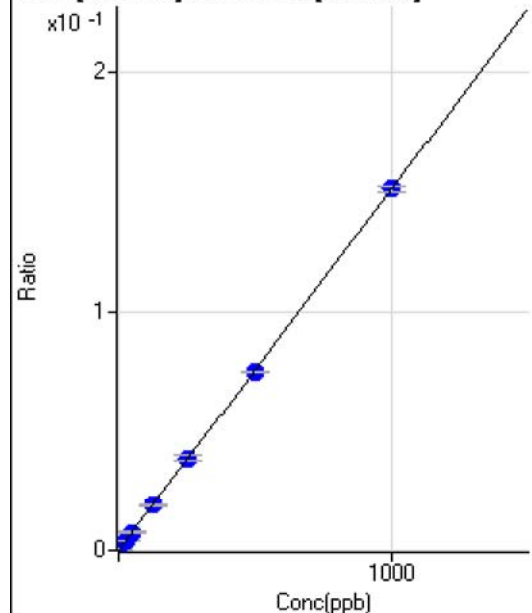
$$R = 0.9999$$

$$DL = 0.04329$$

$$BEC = 0.06865$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.01	0.0001	P	44.6
2	☐	2.500	2.726	536.15	0.0005	P	5.5
3	☐	25.000	24.769	3972.94	0.0038	P	5.5
4	☐	50.000	49.692	8188.80	0.0076	P	4.4
5	☐	125.000	125.810	20011.97	0.0191	P	3.7
6	☐	250.000	256.711	40084.97	0.0389	P	4.5
7	☐	500.000	493.113	77528.99	0.0747	P	0.9
8	☐	1000.000	1001.685	152765.84	0.1516	P	1.3
9	☐			6765.79	0.0067	P	12.1

$$y = 1.5126E-004 * x + 9.5566E-005$$

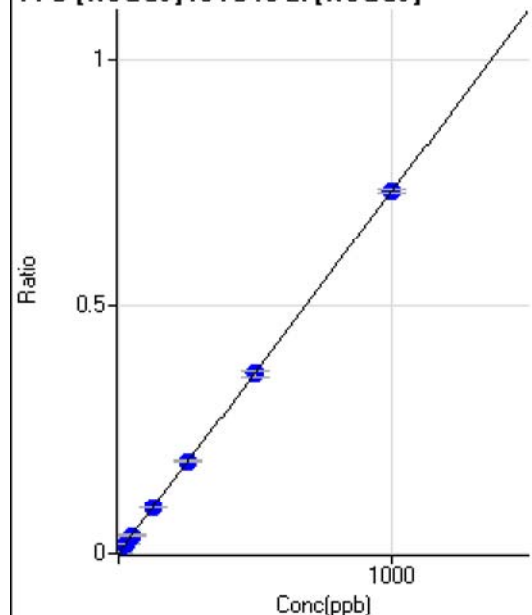
$$R = 0.9999$$

$$DL = 0.8461$$

$$BEC = 0.6318$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	538.92	0.0005	P	18.0
2	☐	2.500	2.512	2483.65	0.0024	P	5.9
3	☐	25.000	24.467	19074.48	0.0184	P	2.1
4	☐	50.000	49.645	39641.86	0.0369	P	3.1
5	☐	125.000	126.274	97310.47	0.0930	P	2.4
6	☐	250.000	255.698	193395.21	0.1877	P	2.8
7	☐	500.000	495.986	377395.50	0.3636	P	3.4
8	☐	1000.000	1000.454	738588.99	0.7330	P	1.2
9	☐			33147.72	0.0330	P	6.9

$$y = 7.3214\text{E-}004 * x + 5.1450\text{E-}004$$

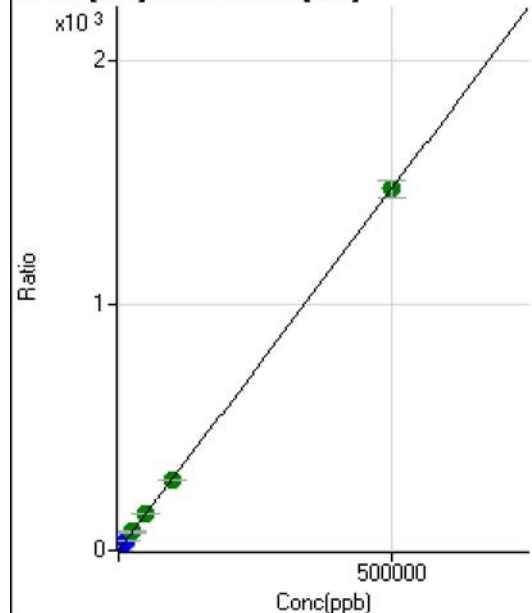
$$R = 1.0000$$

$$DL = 0.3802$$

$$BEC = 0.7027$$

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	4806.58	0.2083	P	3.7
2	☐	50.000	45.402	8105.44	0.3422	P	3.3
3	☐	500.000	498.724	38458.53	1.6799	P	1.8
4	☐	5000.000	5047.084	343118.98	15.1013	P	2.7
5	☐	12500.000	12414.904	836016.89	36.8425	P	0.2
6	☐	25000.000	25140.062	1667253.27	74.3923	A	0.9
7	☐	50000.000	49958.428	3093889.83	147.6270	A	1.7
8	☐	100000.00	97829.509	5958764.24	288.8863	A	1.4
9	☐	500000.00	500432.91	33215261.51	1,476.899	A	4.8

$$y = 0.0030 * x + 0.2083$$

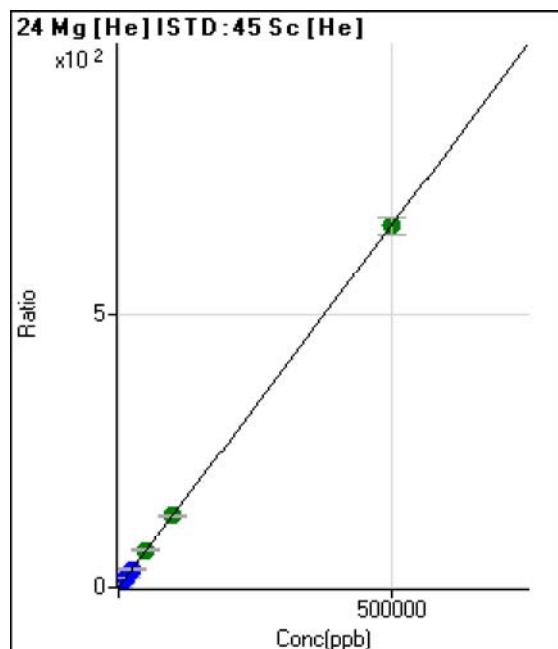
$$R = 1.0000$$

$$DL = 7.748$$

$$BEC = 70.58$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.34	0.0102	P	27.8
2	☐	50.000	47.187	1730.75	0.0731	P	2.7
3	☐	500.000	503.289	15598.08	0.6811	P	0.8
4	☐	5000.000	5119.898	155294.90	6.8352	P	3.3
5	☐	12500.000	12588.507	381008.44	16.7912	P	1.0
6	☐	25000.000	25078.867	749450.32	33.4413	P	0.9
7	☐	50000.000	51174.825	1429816.72	68.2283	A	1.9
8	☐	100000.00	100259.51	2756779.29	133.6601	A	2.3
9	☐	500000.00	499823.25	14986109.02	666.2945	A	4.5

$$y = 0.0013 * x + 0.0102$$

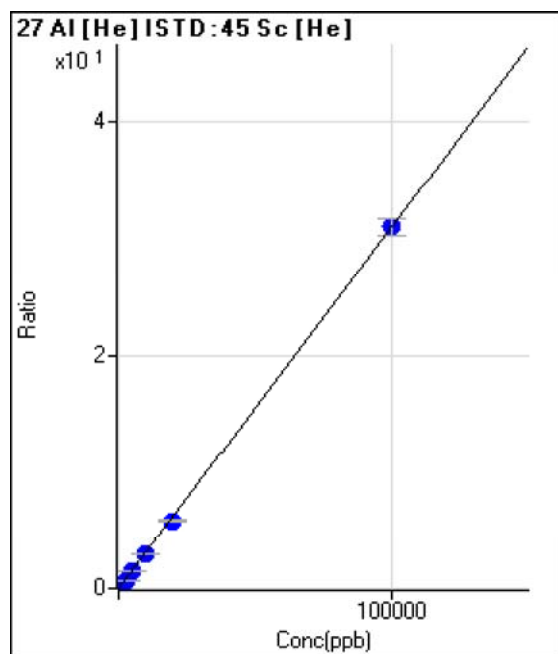
$$R = 1.0000$$

$$DL = 6.372$$

$$BEC = 7.629$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.17	0.0008	P	35.9
2	☐	2.000	-0.271	17.50	0.0007	P	1.4
3	☐	20.000	21.315	170.04	0.0074	P	15.7
4	☐	1000.000	964.101	6800.92	0.2994	P	4.0
5	☐	2500.000	2354.849	16566.37	0.7301	P	0.3
6	☐	5000.000	4763.349	33077.50	1.4759	P	1.1
7	☐	10000.000	9568.986	62114.18	2.9641	P	2.3
8	☐	20000.000	18779.338	119972.92	5.8163	P	1.2
9	☐	100000.00	100303.05	698549.40	31.0622	P	5.0

$$y = 3.0968E-004 * x + 8.2278E-004$$

$$R = 0.9999$$

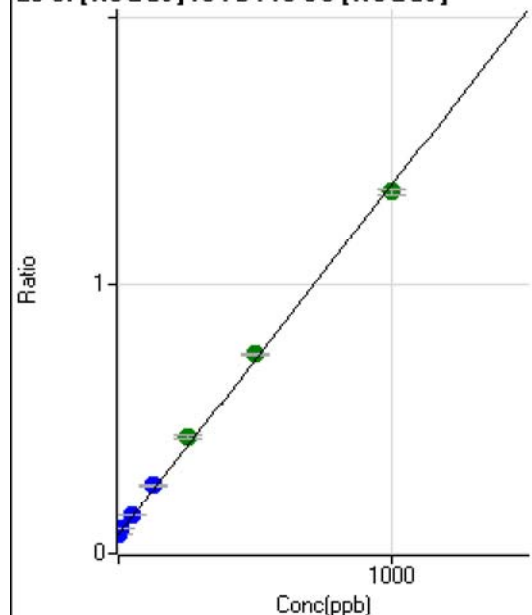
$$DL = 2.863$$

$$BEC = 2.657$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216144.54	0.0705	P	0.2
2	☐	1.000	0.969	224490.50	0.0718	P	0.6
3	☐	10.000	17.461	280799.35	0.0933	P	5.4
4	☐	50.000	55.380	438002.89	0.1428	P	3.1
5	☐	125.000	142.930	767299.84	0.2569	P	2.3
6	☐	250.000	282.244	1292950.33	0.4386	A	3.2
7	☐	500.000	514.971	2200962.18	0.7421	A	0.8
8	☐	1000.000	981.869	3876182.86	1.3509	A	1.6
9	☐			328299.13	0.1100	P	2.0

$$y = 0.0013 * x + 0.0705$$

$$R = 0.9992$$

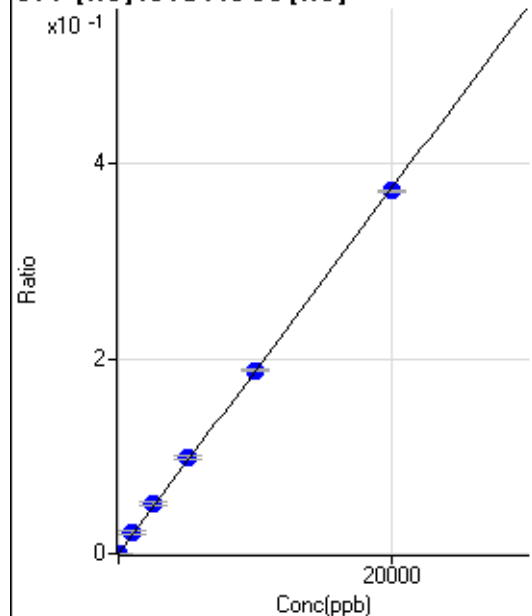
$$DL = 0.3682$$

$$BEC = 54.1$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-8.797	0.00	0.0000	P	
2	☐	0.000	-8.797	0.00	0.0000	P	
3	☐	0.000	17.594	11.11	0.0005	P	116.
4	☐	1000.000	1174.790	502.82	0.0222	P	18.0
5	☐	2500.000	2745.666	1169.55	0.0516	P	7.0
6	☐	5000.000	5270.749	2214.16	0.0988	P	3.6
7	☐	10000.000	10047.551	3945.18	0.1882	P	1.2
8	☐	20000.000	19869.090	7674.63	0.3720	P	0.3
9	☐			2.78	0.0001	P	173.

$$y = 1.8717E-005 * x + 1.6465E-004$$

$$R = 0.9998$$

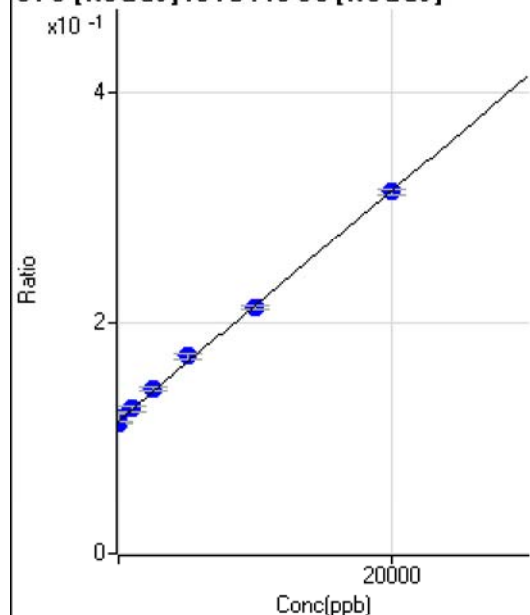
$$DL = 30.69$$

$$BEC = 8.797$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-30.541	352574.52	0.1151	P	0.7
2	☐	0.000	-232.942	353453.63	0.1131	P	0.6
3	☐	0.000	263.483	355138.63	0.1180	P	5.0
4	☐	1000.000	1072.940	386747.39	0.1261	P	3.7
5	☐	2500.000	2820.818	428495.85	0.1435	P	2.4
6	☐	5000.000	5547.941	503046.82	0.1706	P	3.3
7	☐	10000.000	9796.052	631614.22	0.2130	P	1.6
8	☐	20000.000	19921.239	900495.18	0.3138	P	1.2
9	☐			327889.91	0.1098	P	1.3

$$y = 9.9620\text{E-}006 * x + 0.1154$$

$$R = 0.9993$$

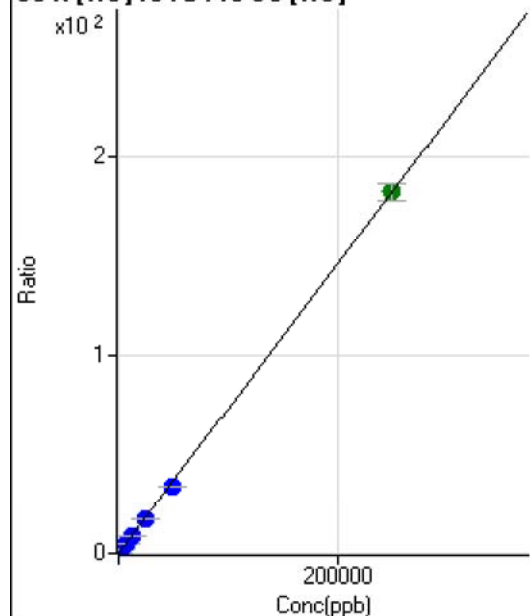
$$DL = 741.3$$

$$BEC = 1.158\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2236.39	0.0970	P	3.5
2	☐	50.000	42.297	3025.45	0.1278	P	5.1
3	☐	500.000	488.686	10354.23	0.4524	P	4.7
4	☐	2500.000	2441.427	42568.20	1.8726	P	1.1
5	☐	6250.000	6048.053	102015.41	4.4957	P	0.3
6	☐	12500.000	12026.402	198198.57	8.8437	P	1.0
7	☐	25000.000	23752.705	364052.87	17.3722	P	2.0
8	☐	50000.000	46358.035	697424.74	33.8129	P	1.9
9	☐	250000.00	250882.46	4106135.86	182.5623	A	4.5

$$y = 7.2729\text{E-}004 * x + 0.0970$$

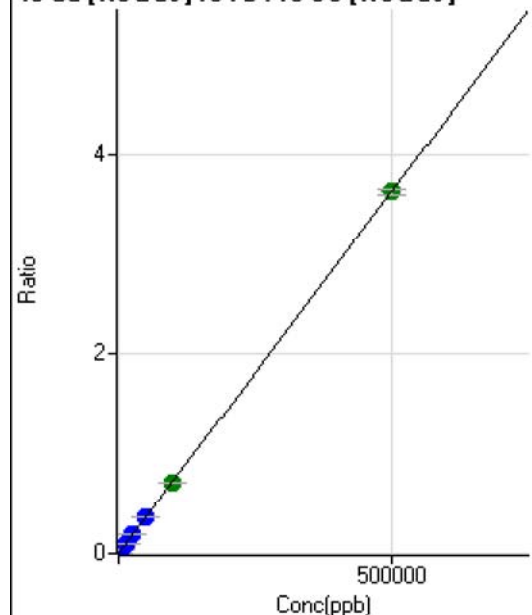
$$R = 0.9999$$

$$DL = 14.1$$

$$BEC = 133.4$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	450.03	0.0001	P	2.2
2	☐	50.000	50.458	1600.17	0.0005	P	5.7
3	☐	500.000	480.002	10901.90	0.0036	P	4.6
4	☐	5000.000	5010.809	111674.46	0.0364	P	3.0
5	☐	12500.000	12853.027	278146.02	0.0931	P	2.2
6	☐	25000.000	25892.577	552640.01	0.1875	P	3.3
7	☐	50000.000	49583.172	1064355.10	0.3589	P	1.1
8	☐	100000.00	97946.038	2033615.76	0.7088	A	1.6
9	☐	500000.00	500398.93	10809475.94	3.6204	A	1.4

$$y = 7.2347\text{E-}006 * x + 1.4689\text{E-}004$$

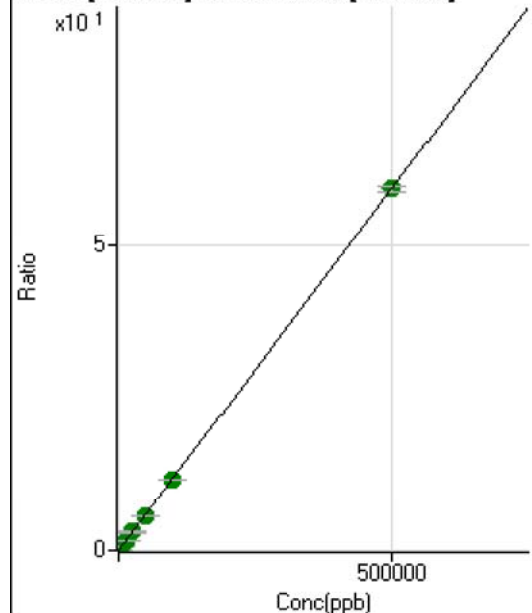
$$R = 1.0000$$

$$DL = 1.354$$

$$BEC = 20.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11502.50	0.0038	P	0.5
2	☐	50.000	46.042	28752.50	0.0092	P	0.2
3	☐	500.000	491.245	186036.18	0.0618	P	5.6
4	☐	5000.000	5020.736	1832512.13	0.5973	A	3.1
5	☐	12500.000	12640.946	4473818.63	1.4981	A	2.8
6	☐	25000.000	25462.412	8883904.89	3.0138	A	3.5
7	☐	50000.000	48786.873	17116712.36	5.7712	A	1.1
8	☐	100000.00	97260.026	33002421.22	11.5015	A	0.8
9	☐	500000.00	500642.46	176718109.5	59.1881	A	1.3

$$y = 1.1822\text{E-}004 * x + 0.0038$$

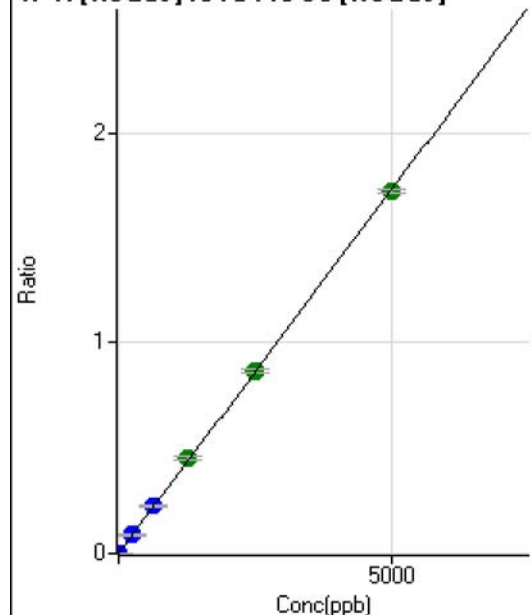
$$R = 1.0000$$

$$DL = 0.5185$$

$$BEC = 31.76$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	55.6
2	☐	0.500	0.517	644.49	0.0002	P	10.7
3	☐	5.000	5.351	5656.96	0.0019	P	4.8
4	☐	250.000	253.833	269665.34	0.0879	P	3.2
5	☐	625.000	647.199	669120.36	0.2241	P	2.8
6	☐	1250.000	1318.813	1345782.93	0.4566	A	3.6
7	☐	2500.000	2511.070	2578042.85	0.8693	A	1.7
8	☐	5000.000	4974.295	4940855.71	1.7220	A	1.2
9	☐			1200.11	0.0004	P	10.0

$$y = 3.4617\text{E-}004 * x + 2.7203\text{E-}005$$

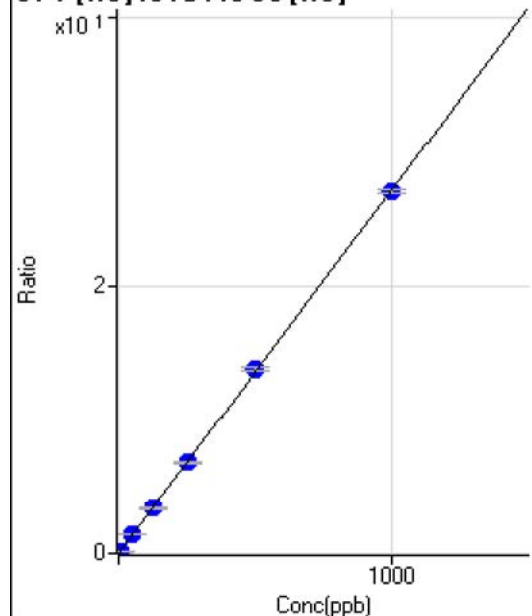
$$R = 0.9999$$

$$DL = 0.1311$$

$$BEC = 0.07858$$

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	21.11	0.0009	P	30.7
2	☐	0.500	0.450	311.12	0.0131	P	7.1
3	☐	5.000	4.980	3115.95	0.1361	P	2.6
4	☐	50.000	51.335	31683.82	1.3946	P	3.2
5	☐	125.000	124.882	76954.23	3.3913	P	1.2
6	☐	250.000	251.060	152773.18	6.8170	P	1.2
7	☐	500.000	505.865	287822.81	13.7348	P	2.1
8	☐	1000.000	996.751	558205.47	27.0619	P	1.2
9	☐			370.01	0.0164	P	14.0

$$y = 0.0271 * x + 9.0930\text{E-}004$$

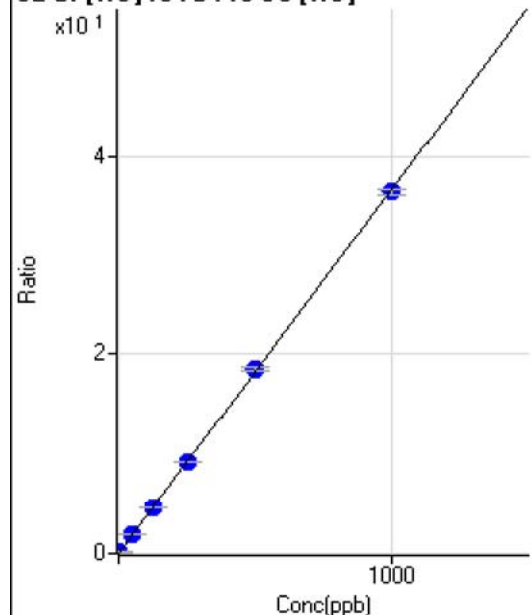
$$R = 1.0000$$

$$DL = 0.03086$$

$$BEC = 0.03349$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	442.24	0.0192	P	15.3
2	☐	0.200	0.192	621.13	0.0262	P	9.9
3	☐	2.000	2.166	2251.33	0.0984	P	9.8
4	☐	50.000	51.282	43026.19	1.8940	P	3.5
5	☐	125.000	127.225	105973.82	4.6702	P	0.8
6	☐	250.000	252.299	207135.96	9.2426	P	0.8
7	☐	500.000	507.509	389196.35	18.5724	P	2.3
8	☐	1000.000	995.329	750935.01	36.4058	P	1.4
9	☐			39009.96	1.7344	P	4.6

$$y = 0.0366 * x + 0.0192$$

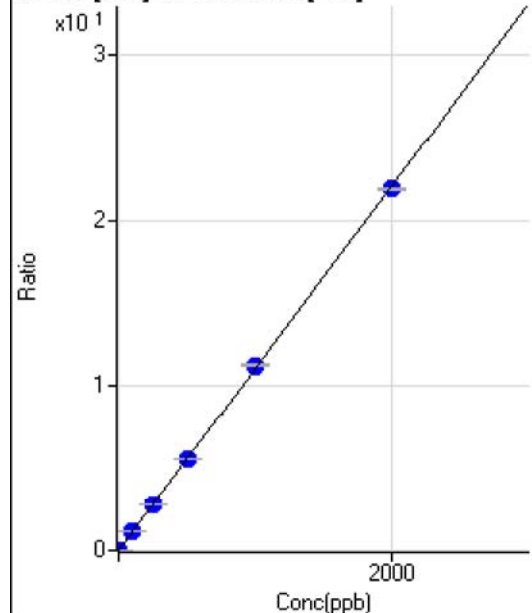
$$R = 1.0000$$

$$DL = 0.2409$$

$$BEC = 0.526$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.22	0.0023	P	37.1
2	☐	0.100	0.118	84.45	0.0036	P	19.9
3	☐	1.000	0.982	300.01	0.0131	P	2.5
4	☐	100.000	103.577	26014.39	1.1452	P	3.7
5	☐	250.000	254.959	63892.07	2.8156	P	0.8
6	☐	500.000	505.661	125090.28	5.5820	P	1.5
7	☐	1000.000	1016.696	235156.73	11.2210	P	1.6
8	☐	2000.000	1989.438	452869.07	21.9547	P	0.8
9	☐			3151.52	0.1400	P	2.8

$$y = 0.0110 * x + 0.0023$$

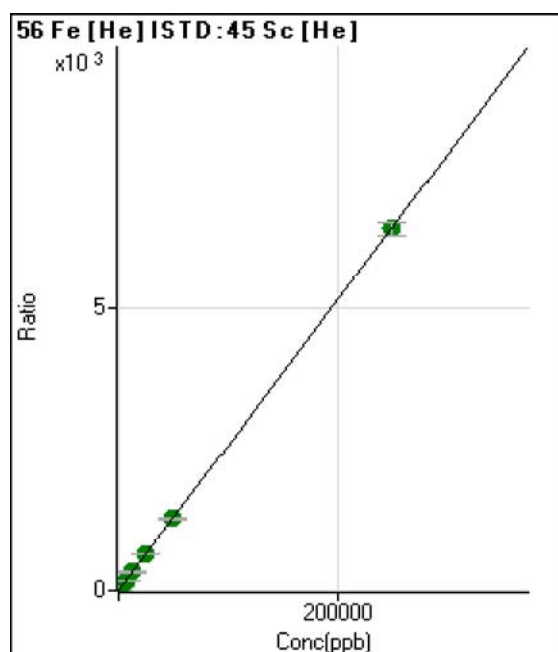
$$R = 0.9999$$

$$DL = 0.2281$$

$$BEC = 0.2052$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1214.91	0.0529	P	15.2
2	☐	5.000	4.715	4124.79	0.1741	P	3.7
3	☐	50.000	51.354	31432.27	1.3733	P	3.1
4	☐	2500.000	2594.320	1516703.10	66.7568	A	3.0
5	☐	6250.000	6368.118	3716418.43	163.7868	A	1.4
6	☐	12500.000	12611.792	7268470.24	324.3211	A	0.7
7	☐	25000.000	25364.773	13669182.36	652.2195	A	1.2
8	☐	50000.000	49788.826	26407137.40	1,280.198	A	1.0
9	☐	250000.00	249996.27	144593393.9	6,427.834	A	3.9

$$y = 0.0257 * x + 0.0529$$

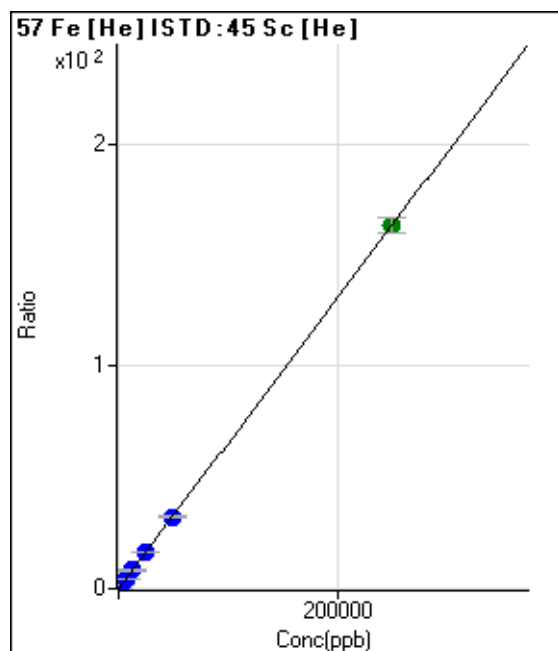
$$R = 1.0000$$

$$DL = 0.9379$$

$$BEC = 2.057$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0012	P	86.6
2	☐	5.000	4.750	101.86	0.0043	P	21.6
3	☐	50.000	55.399	855.61	0.0374	P	2.8
4	☐	2500.000	2537.533	37651.41	1.6575	P	4.0
5	☐	6250.000	6265.981	92836.81	4.0912	P	0.2
6	☐	12500.000	12621.266	184650.25	8.2394	P	1.1
7	☐	25000.000	25318.355	346348.28	16.5272	P	1.9
8	☐	50000.000	49684.348	668961.78	32.4315	P	1.2
9	☐	250000.00	250024.45	3670939.20	163.1987	A	4.2

$$y = 6.5273E-004 * x + 0.0012$$

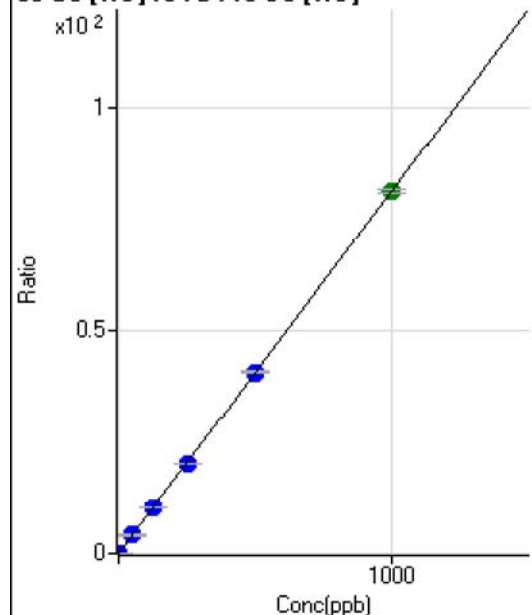
$$R = 1.0000$$

$$DL = 4.799$$

$$BEC = 1.848$$

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	70.00	0.0030	P	9.8
2	☐	0.100	0.095	254.45	0.0107	P	11.0
3	☐	1.000	1.021	1965.73	0.0859	P	6.2
4	☐	50.000	51.402	94854.60	4.1766	P	4.7
5	☐	125.000	125.907	232035.32	10.2258	P	0.7
6	☐	250.000	248.375	452032.98	20.1694	P	0.5
7	☐	500.000	500.595	851844.20	40.6479	P	1.7
8	☐	1000.000	999.925	1674726.69	81.1901	A	1.2
9	☐			23165.04	1.0294	P	2.2

$$y = 0.0812 * x + 0.0030$$

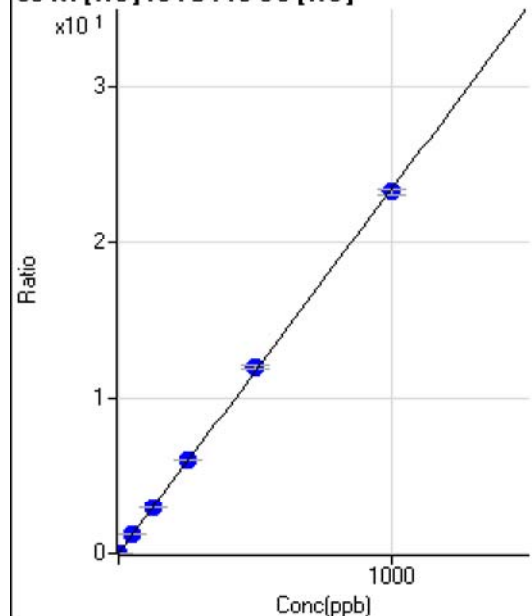
$$R = 1.0000$$

$$DL = 0.01098$$

$$BEC = 0.0373$$

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	237.78	0.0104	P	22.8
2	☐	0.100	0.040	267.79	0.0113	P	17.0
3	☐	1.000	1.188	875.60	0.0382	P	1.3
4	☐	50.000	51.993	27964.94	1.2309	P	3.3
5	☐	125.000	127.794	68311.14	3.0105	P	1.1
6	☐	250.000	255.913	134878.83	6.0182	P	0.4
7	☐	500.000	509.583	250930.94	11.9734	P	1.5
8	☐	1000.000	993.281	481185.38	23.3287	P	1.6
9	☐			19266.89	0.8565	P	4.4

$$y = 0.0235 * x + 0.0104$$

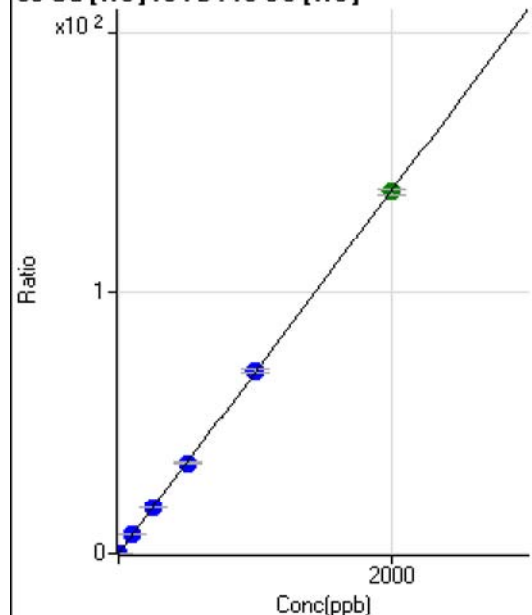
$$R = 0.9999$$

$$DL = 0.3023$$

$$BEC = 0.4411$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	236.67	0.0102	P	19.4
2	☐	0.200	0.197	568.91	0.0240	P	9.5
3	☐	2.000	2.124	3618.32	0.1582	P	5.6
4	☐	100.000	102.772	162825.01	7.1670	P	3.2
5	☐	250.000	252.284	398893.90	17.5788	P	0.5
6	☐	500.000	501.265	782513.15	34.9173	P	1.1
7	☐	1000.000	1006.081	1468482.41	70.0716	P	1.7
8	☐	2000.000	1996.219	2867557.04	139.0228	A	1.4
9	☐			6986.31	0.3106	P	4.8

$$y = 0.0696 * x + 0.0102$$

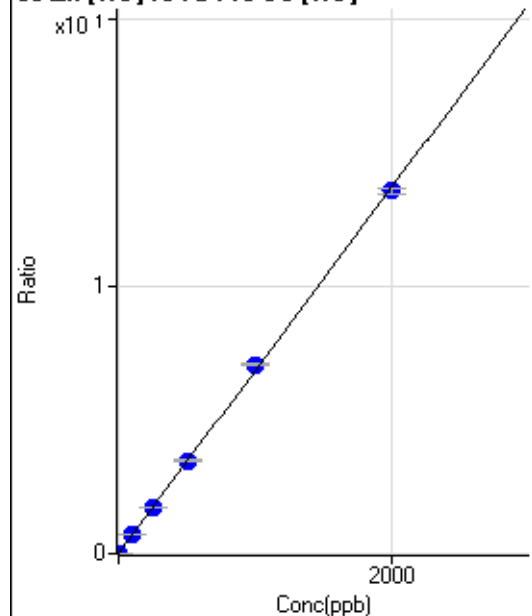
$$R = 1.0000$$

$$DL = 0.08548$$

$$BEC = 0.1471$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	204.45	0.0089	P	7.4
2	☐	0.200	0.136	232.23	0.0098	P	12.2
3	☐	2.000	2.168	543.35	0.0237	P	2.6
4	☐	100.000	104.382	16449.94	0.7238	P	1.8
5	☐	250.000	253.396	39585.43	1.7445	P	1.8
6	☐	500.000	505.367	77775.35	3.4704	P	1.5
7	☐	1000.000	1032.116	148347.59	7.0784	P	1.4
8	☐	2000.000	1981.956	280201.91	13.5845	P	1.4
9	☐			2096.86	0.0933	P	5.8

$$y = 0.0068 * x + 0.0089$$

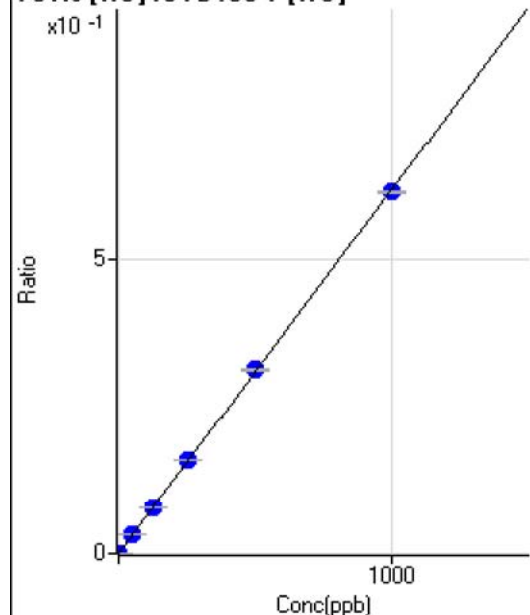
$$R = 0.9998$$

$$DL = 0.2872$$

$$BEC = 1.295$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	99.0
2	☐	0.100	0.085	11.11	0.0001	P	32.8
3	☐	1.000	0.918	100.62	0.0006	P	6.8
4	☐	50.000	51.427	5472.12	0.0319	P	3.8
5	☐	125.000	126.613	13441.18	0.0786	P	0.4
6	☐	250.000	257.363	26987.47	0.1598	P	0.6
7	☐	500.000	504.074	50696.75	0.3129	P	0.9
8	☐	1000.000	995.849	99098.09	0.6181	P	0.8
9	☐			169.14	0.0010	P	24.0

$$y = 6.2068\text{E-}004 * x + 1.0764\text{E-}005$$

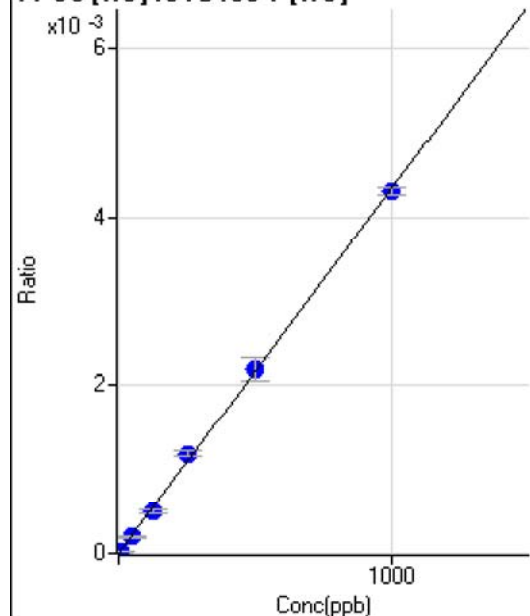
$$R = 1.0000$$

$$DL = 0.05152$$

$$BEC = 0.01734$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	1.453	1.11	0.0000	P	173.
3	☐	5.000	4.423	3.33	0.0000	P	1.3
4	☐	50.000	44.854	33.33	0.0002	P	12.3
5	☐	125.000	115.159	85.56	0.0005	P	8.4
6	☐	250.000	275.629	202.23	0.0012	P	5.8
7	☐	500.000	505.222	355.57	0.0022	P	11.5
8	☐	1000.000	992.472	691.14	0.0043	P	2.0
9	☐			1.11	0.0000	P	173.

$$y = 4.3429\text{E-}006 * x + 0.0000\text{E+}000$$

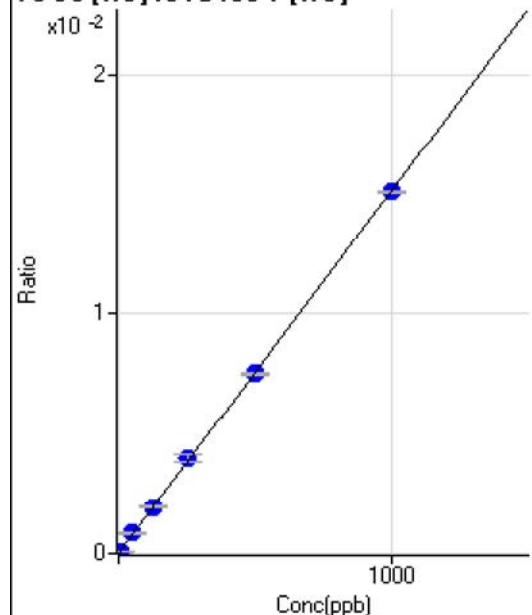
$$R = 0.9995$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.85	0.0000	P	98.7
2	☐	0.500	0.462	3.09	0.0000	P	92.0
3	☐	5.000	6.578	19.14	0.0001	P	13.6
4	☐	50.000	56.674	148.77	0.0009	P	11.5
5	☐	125.000	128.040	333.34	0.0019	P	2.9
6	☐	250.000	262.507	673.48	0.0040	P	7.4
7	☐	500.000	495.271	1216.73	0.0075	P	1.5
8	☐	1000.000	998.516	2425.55	0.0151	P	0.4
9	☐			3.70	0.0000	P	52.4

$$y = 1.5140\text{E-}005 * x + 1.0685\text{E-}005$$

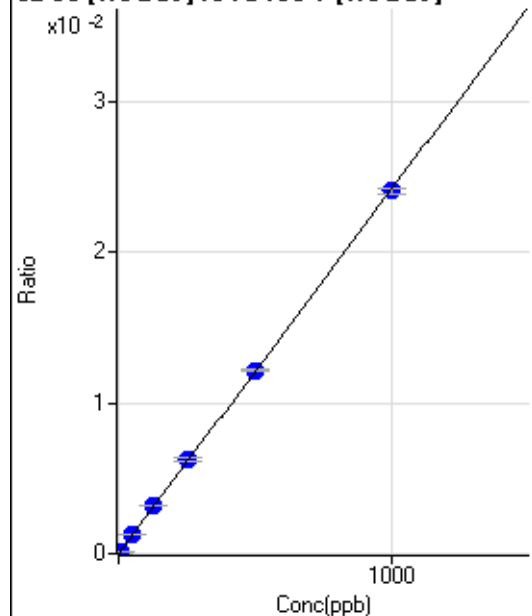
R = 0.9999

DL = 2.089

BEC = 0.7058

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14.07	0.0000	P	160.
2	☐	0.500	0.639	102.01	0.0000	P	46.5
3	☐	5.000	5.284	718.48	0.0001	P	11.9
4	☐	50.000	51.669	7089.84	0.0013	P	3.4
5	☐	125.000	131.545	17765.75	0.0032	P	1.6
6	☐	250.000	258.867	34769.74	0.0063	P	4.4
7	☐	500.000	502.546	67810.31	0.0121	P	1.3
8	☐	1000.000	995.607	132688.51	0.0240	P	1.3
9	☐			85.35	0.0000	P	108.

$$y = 2.4146\text{E-}005 * x + 2.5970\text{E-}006$$

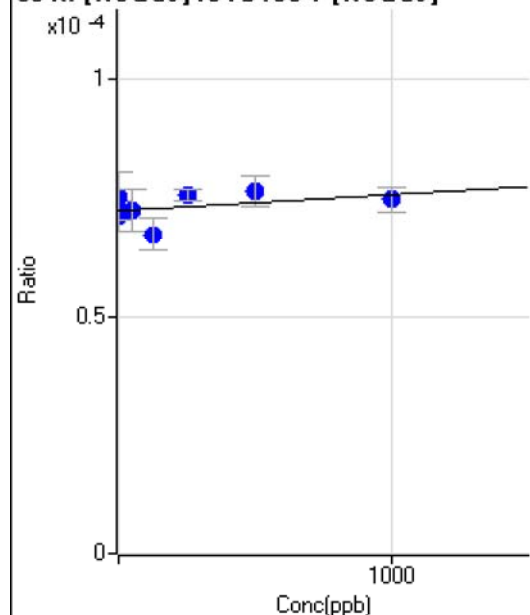
R = 0.9999

DL = 0.5166

BEC = 0.1076

Weight: <None>

Min Conc: 0

83 Kr [NoGas] ISTD:89 Y [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	393.35	0.0001	P	1.1
2	☐	0.100	-355.558	403.35	0.0001	P	8.9
3	☐	1.000	862.643	417.79	0.0001	P	13.4
4	☐	50.000	29.300	412.24	0.0001	P	12.6
5	☐	125.000	-1508.179	376.68	0.0001	P	10.3
6	☐	250.000	922.234	421.13	0.0001	P	3.2
7	☐	500.000	1169.538	427.79	0.0001	P	8.6
8	☐	1000.000	701.529	413.35	0.0001	P	6.8
9	☐			453.35	0.0001	P	21.3

$$y = 3.4252\text{E-}009 * x + 7.2502\text{E-}005$$

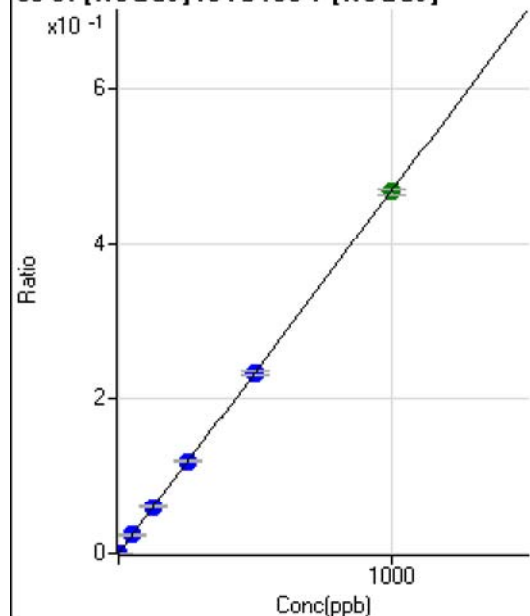
$$R = 0.4107$$

$$DL = 669.6$$

$$BEC = 2.117\text{E+}04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	755.61	0.0001	P	9.4
2	☐	0.100	0.048	916.74	0.0002	P	11.1
3	☐	1.000	1.031	3436.74	0.0006	P	9.2
4	☐	50.000	50.180	134291.01	0.0237	P	1.5
5	☐	125.000	128.006	336303.39	0.0602	P	2.3
6	☐	250.000	255.981	668578.86	0.1202	P	3.1
7	☐	500.000	499.164	1308816.84	0.2343	P	1.9
8	☐	1000.000	998.538	2585670.22	0.4685	A	1.4
9	☐			12750.92	0.0023	P	1.6

$$y = 4.6906\text{E-}004 * x + 1.3929\text{E-}004$$

$$R = 1.0000$$

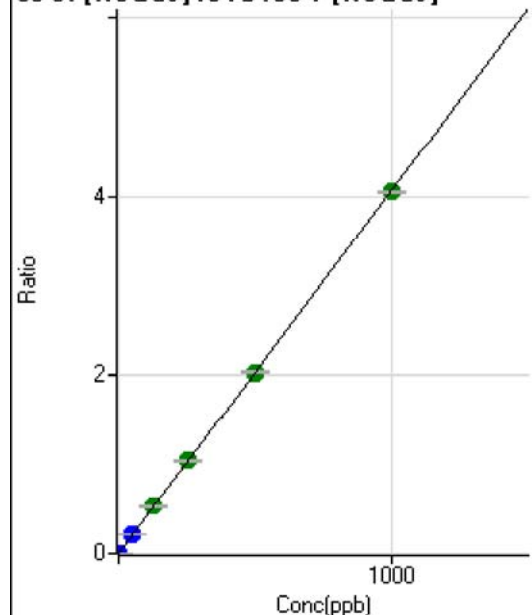
$$DL = 0.08393$$

$$BEC = 0.297$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	266.68	0.0000	P	5.6
2	☐	0.100	0.093	2422.55	0.0004	P	3.7
3	☐	1.000	1.033	23490.59	0.0042	P	1.1
4	☐	50.000	50.789	1171442.75	0.2065	P	1.5
5	☐	125.000	130.062	2955202.13	0.5288	A	2.2
6	☐	250.000	257.431	5821512.80	1.0467	A	3.0
7	☐	500.000	499.562	11347872.91	2.0311	A	1.3
8	☐	1000.000	997.689	22387385.22	4.0563	A	0.6
9	☐			102229.08	0.0184	P	0.6

$$y = 0.0041 * x + 4.9158E-005$$

$$R = 1.0000$$

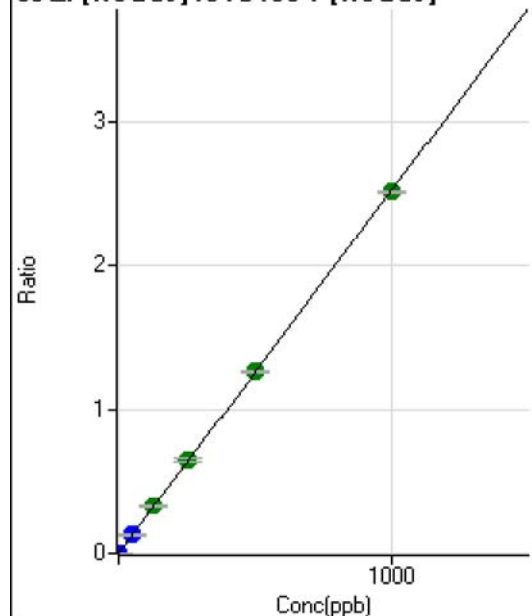
$$DL = 0.002027$$

$$BEC = 0.01209$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	494.48	0.0001	P	19.6
2	☐	0.100	0.082	1683.52	0.0003	P	7.3
3	☐	1.000	0.912	13231.93	0.0024	P	2.3
4	☐	50.000	50.255	720170.15	0.1270	P	1.8
5	☐	125.000	130.870	1846891.58	0.3305	A	2.6
6	☐	250.000	258.889	3635662.36	0.6537	A	3.6
7	☐	500.000	499.768	7050259.96	1.2619	A	1.8
8	☐	1000.000	997.147	13895551.35	2.5177	A	0.9
9	☐			3606.19	0.0007	P	2.1

$$y = 0.0025 * x + 9.1124E-005$$

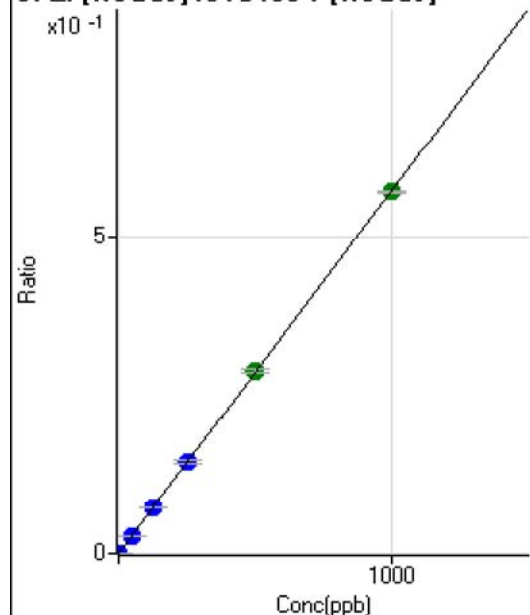
$$R = 0.9999$$

$$DL = 0.02126$$

$$BEC = 0.03609$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0000	P	28.6
2	☐	0.100	0.101	425.03	0.0001	P	10.3
3	☐	1.000	0.917	2994.92	0.0005	P	1.8
4	☐	50.000	49.429	160437.61	0.0283	P	2.7
5	☐	125.000	126.204	403429.79	0.0722	P	2.9
6	☐	250.000	253.815	807390.34	0.1452	P	3.7
7	☐	500.000	500.558	1599513.83	0.2863	A	2.0
8	☐	1000.000	998.645	3152448.38	0.5712	A	0.9
9	☐			736.16	0.0001	P	2.7

$$y = 5.7195\text{E-}004 * x + 1.7415\text{E-}005$$

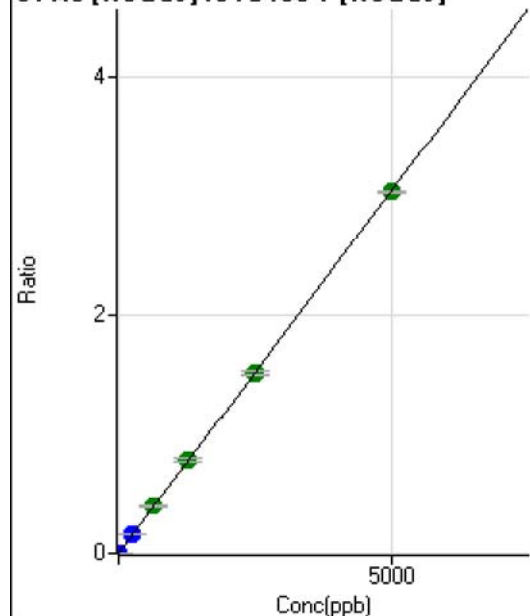
$$R = 1.0000$$

$$DL = 0.02609$$

$$BEC = 0.03045$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	213.90	0.0000	P	11.9
2	☐	0.500	0.509	1978.03	0.0003	P	2.6
3	☐	5.000	4.936	16816.68	0.0030	P	5.8
4	☐	250.000	253.015	874336.44	0.1542	P	1.2
5	☐	625.000	652.200	2220103.22	0.3973	A	2.4
6	☐	1250.000	1290.777	4372528.26	0.7863	A	3.6
7	☐	2500.000	2492.521	8481496.63	1.5182	A	2.3
8	☐	5000.000	4989.995	16774997.77	3.0395	A	0.8
9	☐			20313.20	0.0037	P	5.6

$$y = 6.0911\text{E-}004 * x + 3.9424\text{E-}005$$

$$R = 1.0000$$

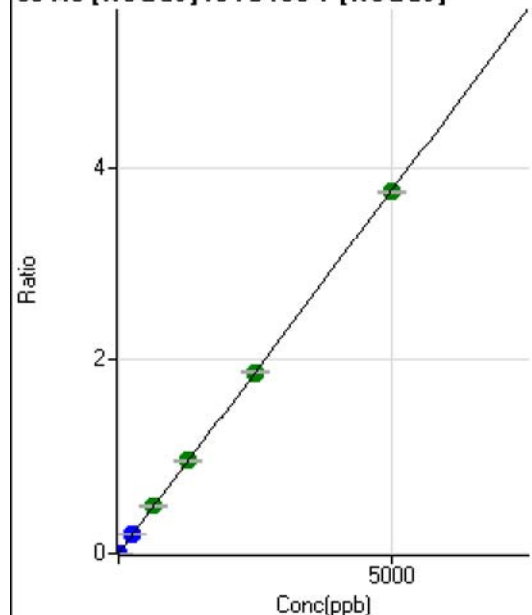
$$DL = 0.02304$$

$$BEC = 0.06472$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.01	0.0000	P	30.1
2	☐	0.500	0.473	2114.15	0.0004	P	3.9
3	☐	5.000	4.942	20605.36	0.0037	P	3.6
4	☐	250.000	252.876	1077291.67	0.1899	P	1.1
5	☐	625.000	649.959	2727554.70	0.4881	A	3.0
6	☐	1250.000	1283.538	5360855.28	0.9640	A	3.6
7	☐	2500.000	2498.201	10482091.81	1.8762	A	1.6
8	☐	5000.000	4989.251	20680260.70	3.7470	A	0.8
9	☐			32350.76	0.0058	P	0.6

$$y = 7.5102\text{E-}004 * x + 1.8435\text{E-}005$$

$$R = 1.0000$$

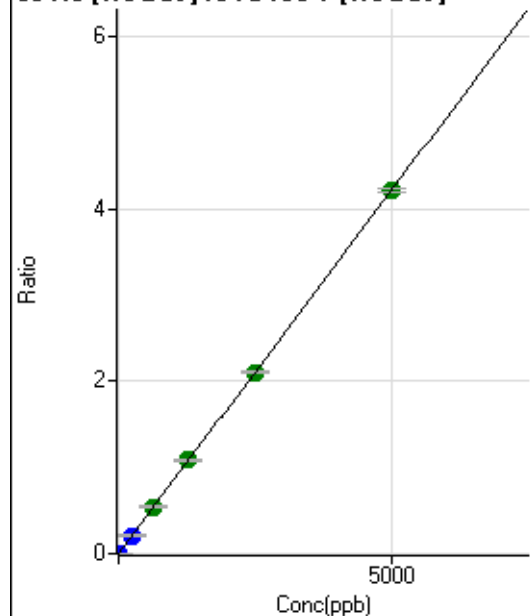
$$DL = 0.02217$$

$$BEC = 0.02455$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	152.78	0.0000	P	22.1
2	☐	0.500	0.496	2525.34	0.0004	P	4.1
3	☐	5.000	4.995	23421.01	0.0042	P	4.1
4	☐	250.000	250.404	1197651.42	0.2112	P	1.2
5	☐	625.000	645.506	3041647.53	0.5443	A	1.9
6	☐	1250.000	1283.550	6019310.25	1.0822	A	3.0
7	☐	2500.000	2493.736	11747589.15	2.1026	A	1.2
8	☐	5000.000	4992.161	23230422.57	4.2091	A	0.9
9	☐			38024.04	0.0069	P	2.8

$$y = 8.4314\text{E-}004 * x + 2.8163\text{E-}005$$

$$R = 1.0000$$

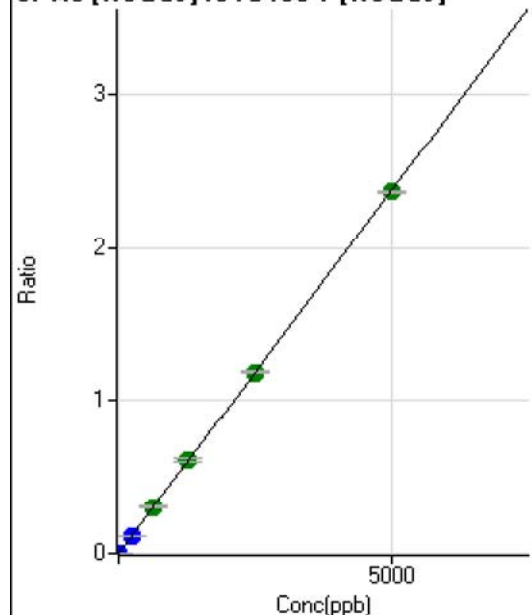
$$DL = 0.02217$$

$$BEC = 0.0334$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.89	0.0000	P	14.5
2	☐	0.500	0.487	1400.14	0.0002	P	9.2
3	☐	5.000	5.004	13209.78	0.0024	P	3.6
4	☐	250.000	248.588	669197.04	0.1180	P	1.5
5	☐	625.000	644.127	1708273.76	0.3057	A	2.3
6	☐	1250.000	1290.718	3406541.44	0.6125	A	3.6
7	☐	2500.000	2498.441	6624541.64	1.1857	A	1.3
8	☐	5000.000	4988.280	13065151.42	2.3673	A	0.8
9	☐			20040.54	0.0036	P	2.8

$$y = 4.7457\text{E-}004 * x + 1.6388\text{E-}005$$

R = 1.0000

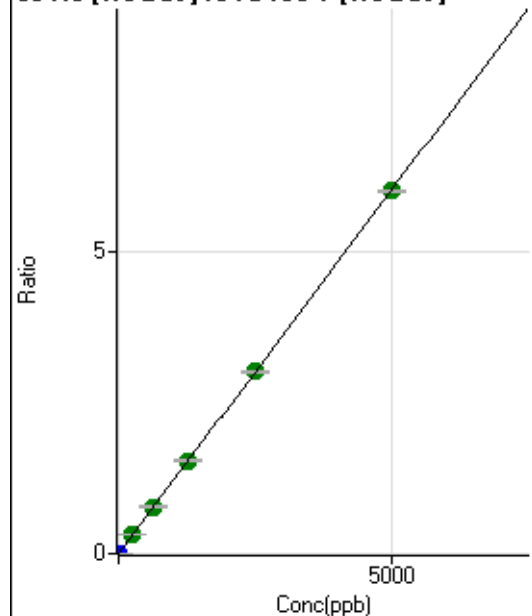
DL = 0.01504

BEC = 0.03453

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.23	0.0000	P	21.9
2	☐	0.500	0.472	3389.47	0.0006	P	1.4
3	☐	5.000	5.106	34057.70	0.0062	P	4.5
4	☐	250.000	253.292	1726182.63	0.3043	A	1.4
5	☐	625.000	642.834	4316162.90	0.7723	A	1.9
6	☐	1250.000	1276.785	8531703.92	1.5340	A	3.1
7	☐	2500.000	2501.541	16791225.03	3.0054	A	1.4
8	☐	5000.000	4990.139	33088152.82	5.9953	A	0.9
9	☐			52067.66	0.0094	P	2.0

$$y = 0.0012 * x + 3.1751\text{E-}005$$

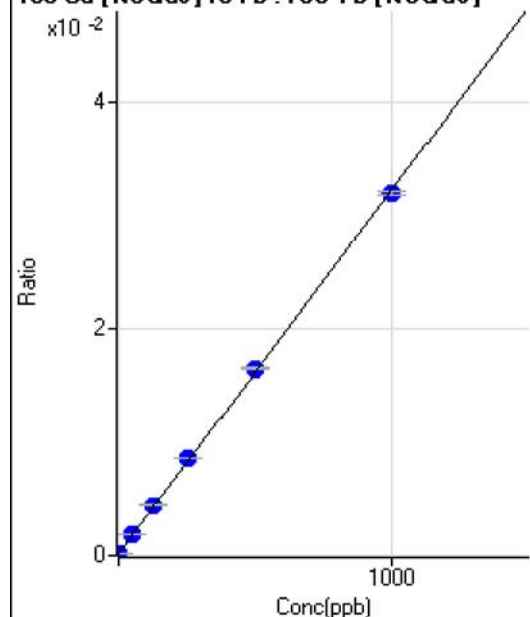
R = 1.0000

DL = 0.01738

BEC = 0.02643

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	1133.43	0.0002	P	15.6
2	☐	0.100	0.380	1239.01	0.0002	P	1.1
3	☐	1.000	0.873	1325.14	0.0002	P	1.8
4	☐	50.000	54.111	13743.77	0.0019	P	1.0
5	☐	125.000	133.317	31897.01	0.0044	P	2.9
6	☐	250.000	264.458	61388.06	0.0087	P	1.7
7	☐	500.000	507.796	119882.28	0.0165	P	1.0
8	☐	1000.000	991.242	235348.62	0.0320	P	1.0
9	☐			1236.22	0.0002	P	15.1

$$y = 3.2151\text{E-}005 * x + 1.6159\text{E-}004$$

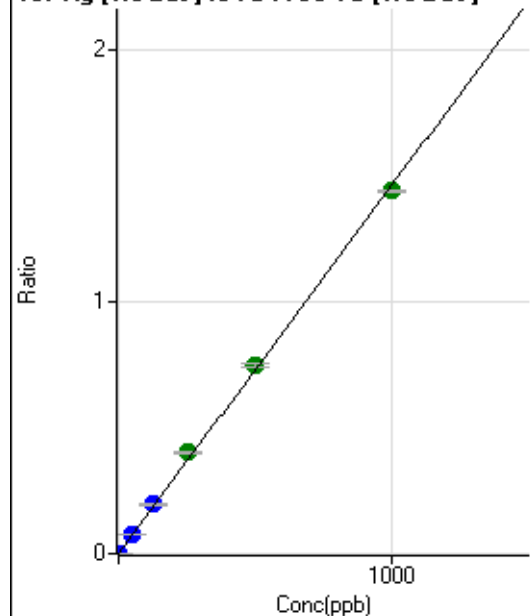
$$R = 0.9998$$

$$DL = 2.359$$

$$BEC = 5.026$$

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	44.45	0.0000	P	11.2
2	☐	0.100	0.106	1147.33	0.0002	P	5.9
3	☐	1.000	1.076	11010.49	0.0016	P	7.9
4	☐	50.000	53.427	564303.63	0.0781	P	1.7
5	☐	125.000	133.760	1401694.88	0.1955	P	2.4
6	☐	250.000	274.800	2844133.05	0.4015	A	3.0
7	☐	500.000	513.160	5451539.31	0.7498	A	1.5
8	☐	1000.000	985.954	10585241.38	1.4406	A	0.7
9	☐			1139.00	0.0002	P	7.8

$$y = 0.0015 * x + 6.3354\text{E-}006$$

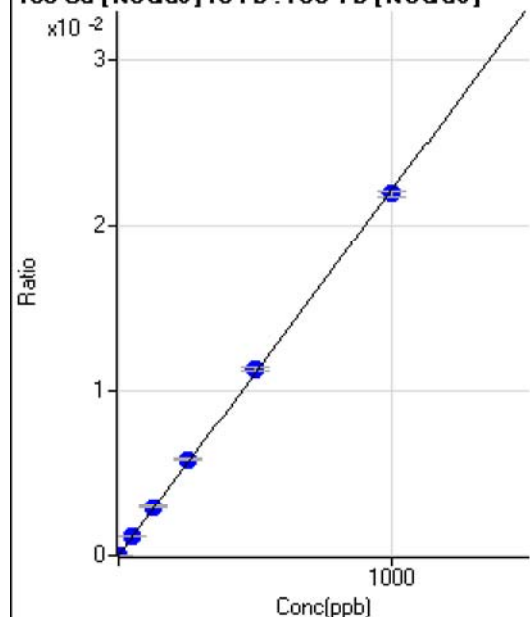
$$R = 0.9995$$

$$DL = 0.001452$$

$$BEC = 0.004336$$

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	4.17	0.0000	P	100.
2	☐	0.100	0.175	31.95	0.0000	P	41.5
3	☐	1.000	1.127	179.17	0.0000	P	10.2
4	☐	50.000	53.411	8557.07	0.0012	P	1.0
5	☐	125.000	132.128	20988.85	0.0029	P	3.0
6	☐	250.000	264.600	41514.06	0.0059	P	3.0
7	☐	500.000	507.922	81792.37	0.0113	P	1.9
8	☐	1000.000	991.327	161320.38	0.0220	P	1.4
9	☐			51.39	0.0000	P	49.6

$$y = 2.2148E-005 * x + 5.9542E-007$$

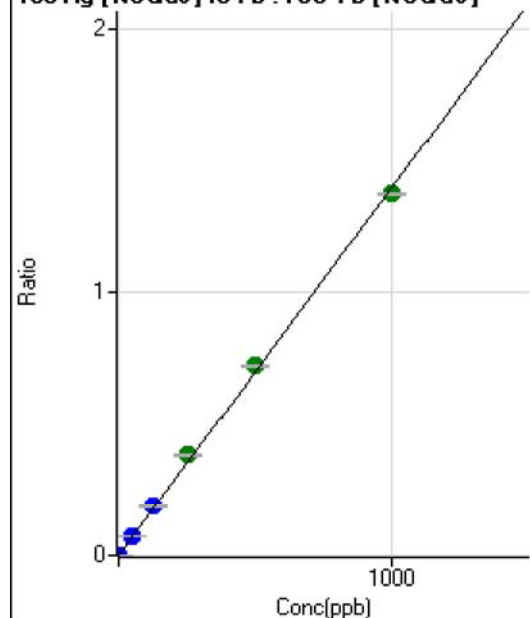
$$R = 0.9998$$

$$DL = 0.0807$$

$$BEC = 0.02688$$

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	27.78	0.0000	P	62.6
2	☐	0.100	0.101	1027.86	0.0001	P	8.4
3	☐	1.000	1.071	10443.41	0.0015	P	9.1
4	☐	50.000	52.880	533496.67	0.0738	P	1.4
5	☐	125.000	133.351	1334741.15	0.1861	P	2.5
6	☐	250.000	274.552	2713956.33	0.3832	A	3.4
7	☐	500.000	514.672	5222666.96	0.7183	A	1.1
8	☐	1000.000	985.338	10104328.26	1.3752	A	0.7
9	☐			1191.78	0.0002	P	1.3

$$y = 0.0014 * x + 3.9641E-006$$

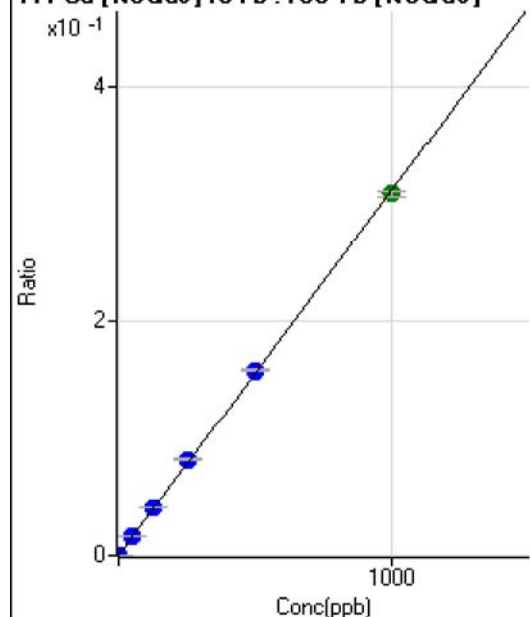
$$R = 0.9995$$

$$DL = 0.005332$$

$$BEC = 0.00284$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	800.21	0.0001	P	15.8
2	☐	0.100	0.123	1085.24	0.0002	P	7.0
3	☐	1.000	1.015	3002.41	0.0004	P	2.3
4	☐	50.000	52.517	119009.90	0.0165	P	1.3
5	☐	125.000	130.711	292642.30	0.0408	P	3.0
6	☐	250.000	264.886	584982.88	0.0826	P	2.7
7	☐	500.000	506.193	1146640.30	0.1577	P	1.4
8	☐	1000.000	992.342	2270803.56	0.3091	A	1.3
9	☐			1221.06	0.0002	P	12.8

$$y = 3.1133\text{E-}004 * x + 1.1408\text{E-}004$$

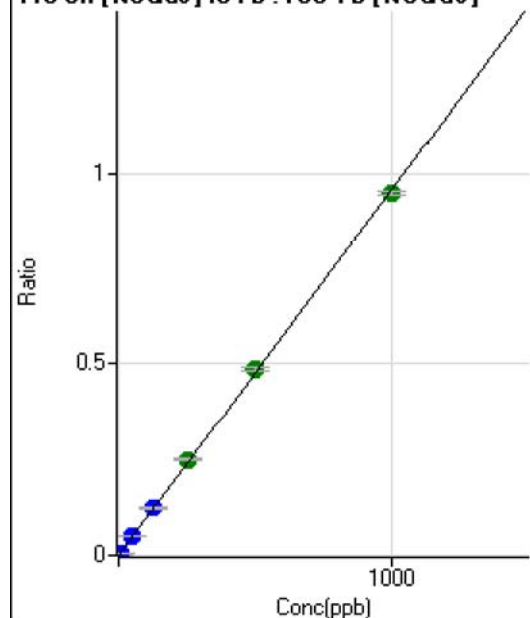
$$R = 0.9998$$

$$DL = 0.1738$$

$$BEC = 0.3664$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	883.41	0.0001	P	10.7
2	☐	0.500	0.481	4178.65	0.0006	P	5.9
3	☐	5.000	5.067	34665.36	0.0050	P	7.4
4	☐	50.000	51.467	356728.53	0.0494	P	1.5
5	☐	125.000	129.125	886586.13	0.1236	P	2.7
6	☐	250.000	264.631	1793764.86	0.2532	A	3.0
7	☐	500.000	509.877	3546478.94	0.4878	A	1.9
8	☐	1000.000	990.815	6963977.67	0.9478	A	1.1
9	☐			9356.43	0.0013	P	1.7

$$y = 9.5647\text{E-}004 * x + 1.2585\text{E-}004$$

$$R = 0.9998$$

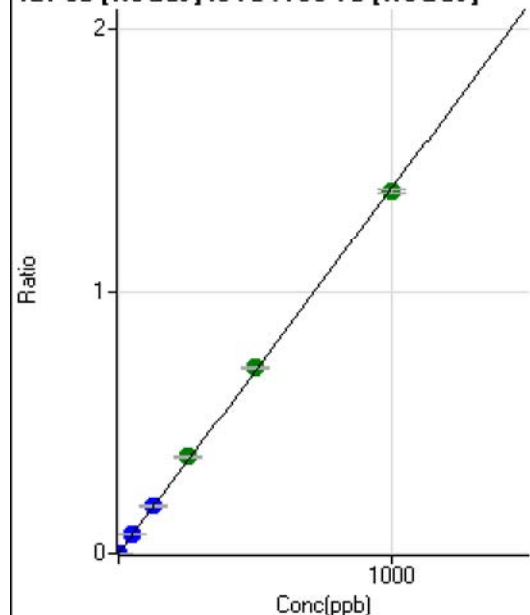
$$DL = 0.0422$$

$$BEC = 0.1316$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.23	0.0000	P	12.5
2	☐	0.200	0.206	2253.09	0.0003	P	2.6
3	☐	2.000	1.988	19545.64	0.0028	P	5.8
4	☐	50.000	50.623	510869.64	0.0707	P	1.5
5	☐	125.000	128.807	1289202.67	0.1798	P	3.1
6	☐	250.000	265.988	2629497.58	0.3712	A	3.0
7	☐	500.000	507.562	5150253.67	0.7084	A	1.5
8	☐	1000.000	991.715	10169101.88	1.3840	A	1.0
9	☐			27159.20	0.0038	P	3.4

$$y = 0.0014 * x + 2.8097E-005$$

$$R = 0.9998$$

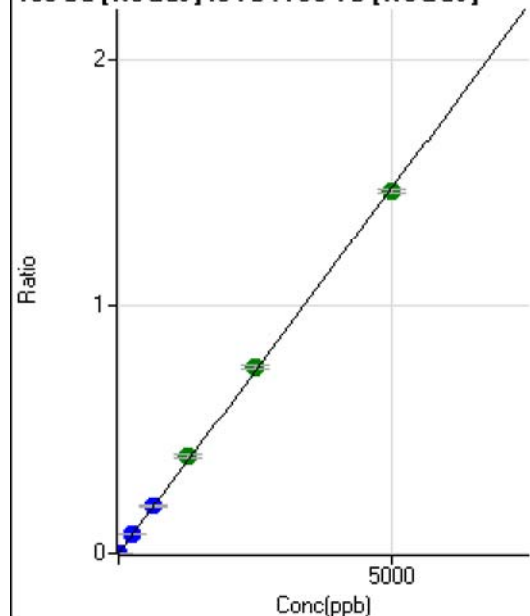
$$DL = 0.007535$$

$$BEC = 0.02013$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	33.0
2	☐	1.000	1.007	2175.27	0.0003	P	11.4
3	☐	10.000	10.434	21576.62	0.0031	P	6.4
4	☐	250.000	257.339	550348.75	0.0761	P	1.7
5	☐	625.000	649.806	1378624.35	0.1922	P	2.9
6	☐	1250.000	1334.090	2795414.30	0.3947	A	3.5
7	☐	2500.000	2538.872	5460765.70	0.7511	A	2.0
8	☐	5000.000	4956.073	10773152.24	1.4662	A	1.0
9	☐			2972.69	0.0004	P	3.1

$$y = 2.9585E-004 * x + 7.1210E-006$$

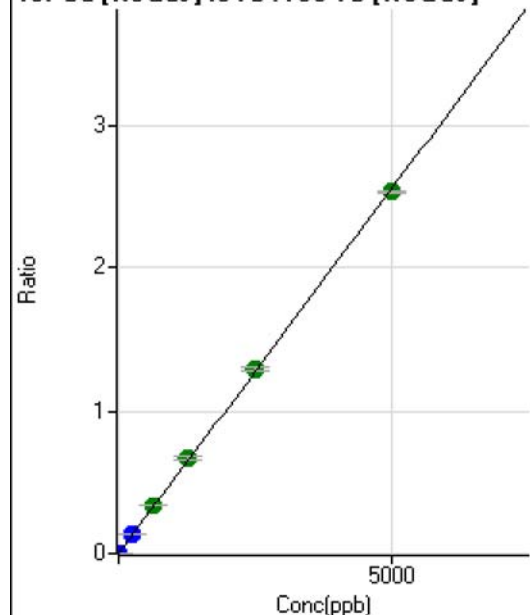
$$R = 0.9998$$

$$DL = 0.02385$$

$$BEC = 0.02407$$

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	63.89	0.0000	P	7.2
2	☐	1.000	1.036	3834.06	0.0005	P	4.7
3	☐	10.000	10.421	37156.01	0.0053	P	5.7
4	☐	250.000	257.630	950354.26	0.1315	P	1.6
5	☐	625.000	659.289	2413091.42	0.3364	A	2.1
6	☐	1250.000	1322.213	4778718.12	0.6747	A	3.7
7	☐	2500.000	2524.844	9367844.83	1.2884	A	1.5
8	☐	5000.000	4964.856	18615765.35	2.5336	A	0.8
9	☐			5284.66	0.0007	P	0.9

$$y = 5.1030\text{E-}004 * x + 9.1037\text{E-}006$$

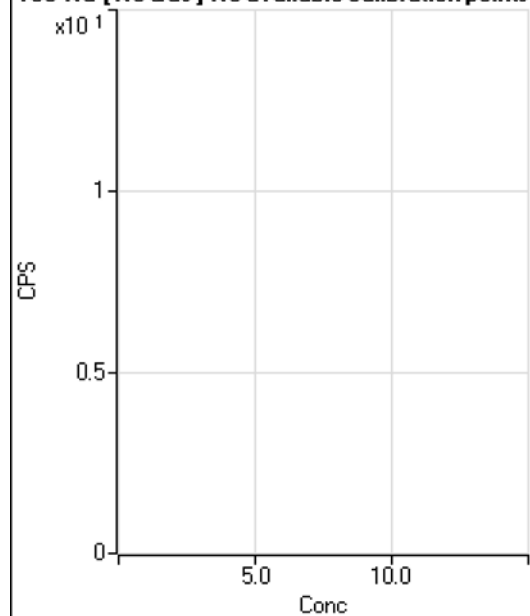
$$R = 0.9999$$

$$DL = 0.003867$$

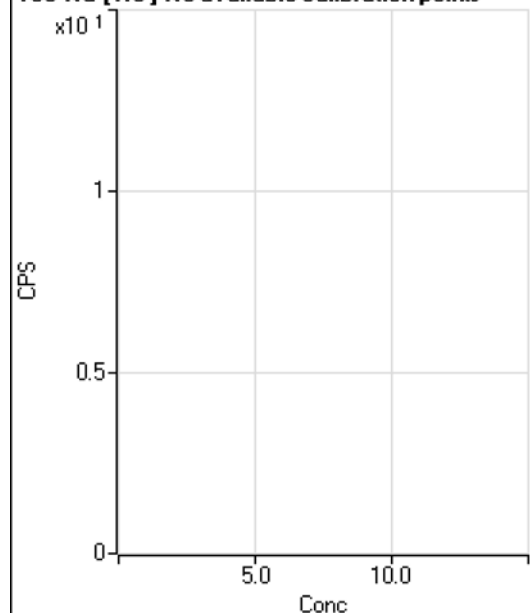
$$BEC = 0.01784$$

Weight: <None>

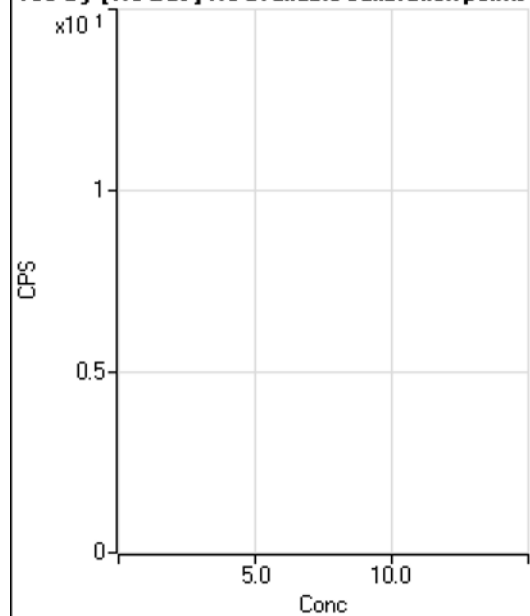
Min Conc: 0

150 Nd [No Gas] No available calibration points

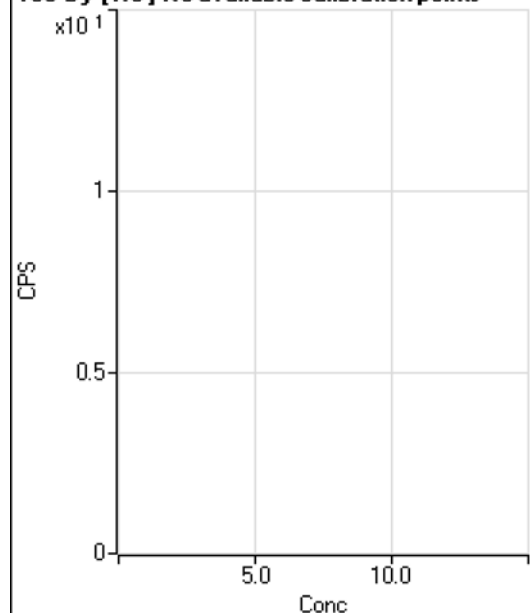
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			6.67		P	100.
3	☐			4.45		P	86.6
4	☐			35.56		P	28.6
5	☐			82.22		P	28.5
6	☐			117.78		P	41.7
7	☐			231.12		P	11.7
8	☐			415.58		P	13.5
9	☐			115.56		P	24.0

150 Nd [He] No available calibration points

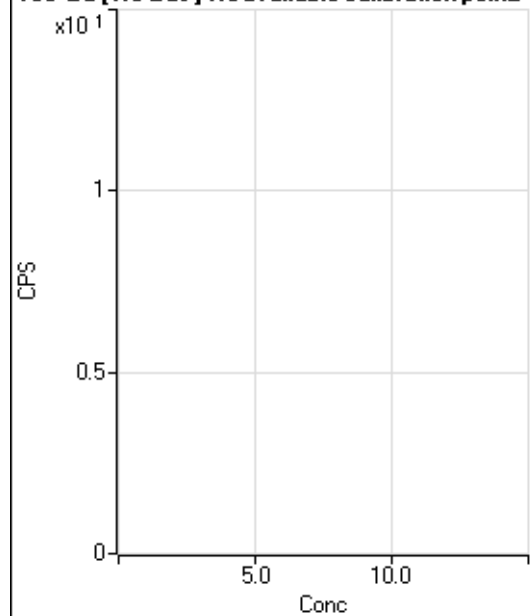
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			1.11		P	173.
7	☐			4.44		P	43.4
8	☐			7.78		P	24.7
9	☐			16.66		P	91.7

156 Dy [No Gas] No available calibration points

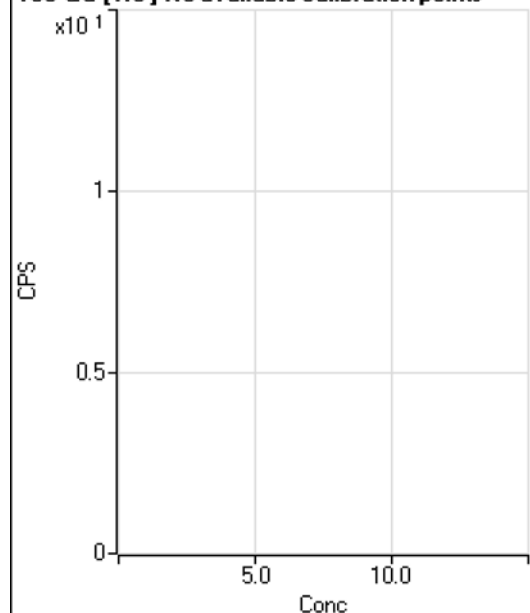
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐			38.89		P	24.7
3	☐			30.56		P	31.5
4	☐			50.00		P	16.7
5	☐			38.89		P	24.7
6	☐			52.78		P	48.2
7	☐			97.23		P	44.0
8	☐			138.90		P	21.1
9	☐			125.01		P	24.0

156 Dy [He] No available calibration points

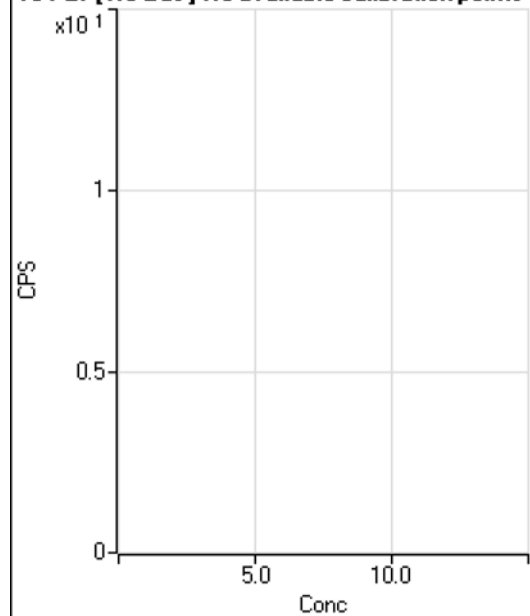
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			0.00		P	
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			2.22		P	173.
7	☐			4.44		P	43.4
8	☐			10.00		P	115.
9	☐			14.44		P	53.3

160 Gd [No Gas] No available calibration poin_

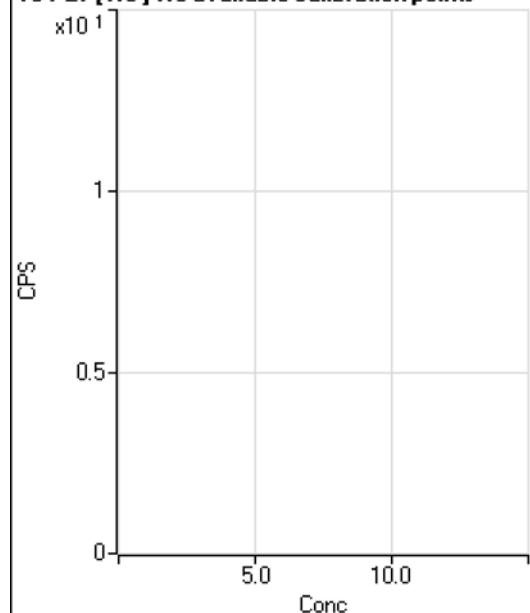
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.44		P	48.5
2	☐			38.89		P	32.7
3	☐			63.89		P	66.9
4	☐			47.22		P	36.7
5	☐			38.89		P	61.9
6	☐			50.01		P	28.9
7	☐			83.34		P	45.8
8	☐			102.78		P	47.5
9	☐			125.01		P	24.0

160 Gd [He] No available calibration points

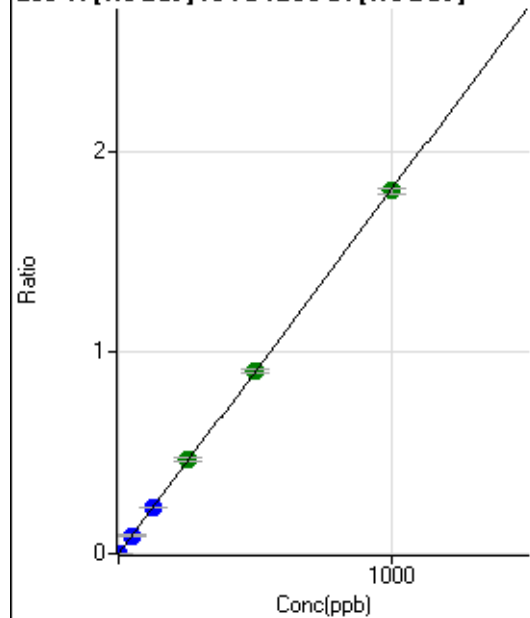
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			6.67		P	100.
3	☐			5.55		P	69.3
4	☐			3.33		P	100.
5	☐			4.44		P	43.4
6	☐			8.89		P	43.3
7	☐			11.11		P	69.3
8	☐			16.67		P	72.1
9	☐			25.56		P	49.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	99.0
2	☐			22.22		P	21.6
3	☐			52.78		P	59.8
4	☐			22.22		P	78.1
5	☐			30.56		P	83.3
6	☐			16.67		P	86.6
7	☐			36.11		P	26.7
8	☐			44.44		P	60.3
9	☐			61.12		P	7.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.
2	☐			3.33		P	100.
3	☐			12.22		P	31.5
4	☐			3.33		P	100.
5	☐			4.44		P	114.
6	☐			4.44		P	114.
7	☐			7.78		P	49.5
8	☐			6.67		P	50.0
9	☐			7.78		P	65.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	105.56	0.0000	P	20.4
2	☐	0.100	0.094	925.09	0.0002	P	12.1
3	☐	1.000	0.996	8494.89	0.0018	P	8.6
4	☐	50.000	49.725	439521.30	0.0901	P	2.6
5	☐	125.000	127.103	1104084.37	0.2302	P	2.3
6	☐	250.000	260.254	2246513.37	0.4714	A	3.8
7	☐	500.000	501.751	4458050.36	0.9088	A	1.2
8	☐	1000.000	996.312	8884745.77	1.8046	A	1.5
9	☐			4245.38	0.0009	P	4.4

$$y = 0.0018 * x + 2.2735E-005$$

$$R = 0.9999$$

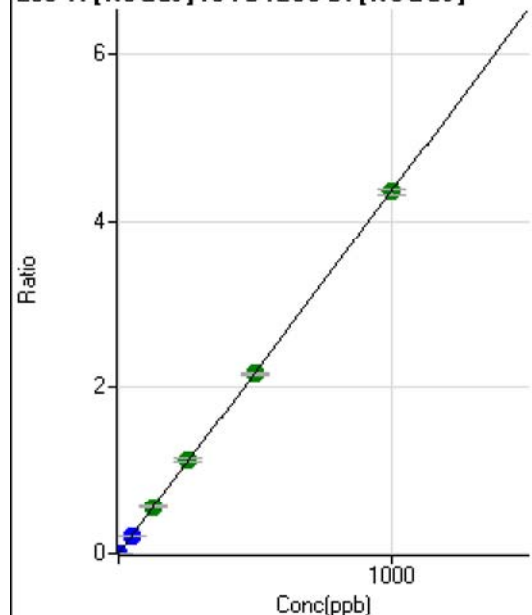
$$DL = 0.007679$$

$$BEC = 0.01255$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	238.90	0.0001	P	2.7
2	☐	0.100	0.093	2183.63	0.0005	P	5.1
3	☐	1.000	0.974	19994.33	0.0043	P	5.7
4	☐	50.000	49.652	1055846.69	0.2164	P	2.5
5	☐	125.000	129.564	2707337.39	0.5646	A	2.6
6	☐	250.000	259.040	5380102.38	1.1288	A	3.2
7	☐	500.000	496.617	10614830.97	2.1640	A	1.4
8	☐	1000.000	998.879	21428864.89	4.3526	A	1.6
9	☐			10129.51	0.0023	P	6.6

$$y = 0.0044 * x + 5.1424E-005$$

$$R = 0.9999$$

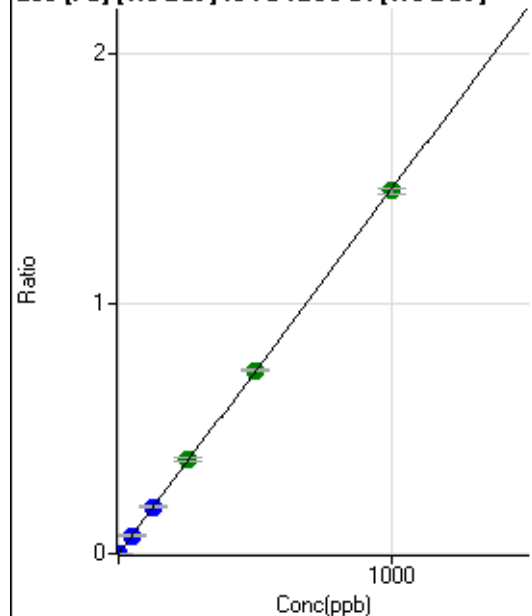
$$DL = 0.0009405$$

$$BEC = 0.0118$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	253.71	0.0001	P	4.3
2	☐	0.100	0.108	1014.89	0.0002	P	8.6
3	☐	1.000	1.053	7404.27	0.0016	P	7.2
4	☐	50.000	50.048	356541.49	0.0731	P	2.5
5	☐	125.000	127.636	893240.51	0.1863	P	2.7
6	☐	250.000	258.662	1798956.83	0.3775	A	3.5
7	☐	500.000	503.645	3604879.68	0.7349	A	1.5
8	☐	1000.000	995.680	7152556.30	1.4528	A	1.8
9	☐			7042.93	0.0016	P	2.5

$$y = 0.0015 * x + 5.4593E-005$$

$$R = 0.9999$$

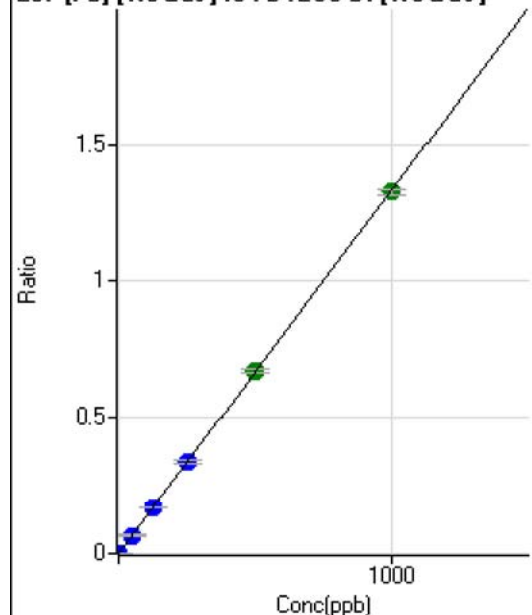
$$DL = 0.004848$$

$$BEC = 0.03742$$

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	218.53	0.0000	P	30.6
2	☐	0.100	0.101	864.87	0.0002	P	2.2
3	☐	1.000	1.037	6638.96	0.0014	P	7.0
4	☐	50.000	49.796	323720.21	0.0663	P	2.1
5	☐	125.000	126.651	808841.72	0.1687	P	2.3
6	☐	250.000	254.380	1614178.45	0.3387	P	4.0
7	☐	500.000	503.903	3290995.68	0.6710	A	2.0
8	☐	1000.000	996.757	6533880.29	1.3272	A	1.7
9	☐			6198.01	0.0014	P	3.9

$$y = 0.0013 * x + 4.7076E-005$$

$$R = 1.0000$$

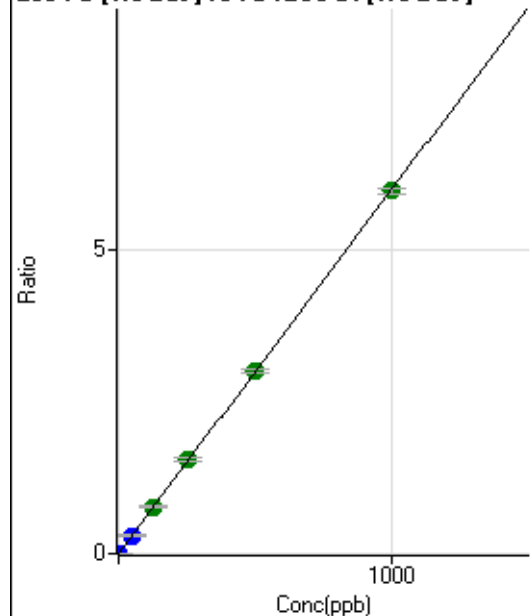
$$DL = 0.03247$$

$$BEC = 0.03536$$

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	1046.35	0.0002	P	10.7
2	☐	0.100	0.101	3957.78	0.0008	P	3.3
3	☐	1.000	1.032	29764.49	0.0064	P	7.0
4	☐	50.000	49.735	1452862.51	0.2978	P	2.3
5	☐	125.000	128.574	3689779.18	0.7695	A	2.3
6	☐	250.000	257.467	7342043.70	1.5406	A	3.6
7	☐	500.000	501.935	14730930.05	3.0032	A	1.6
8	☐	1000.000	996.732	29360009.74	5.9635	A	1.6
9	☐			28229.88	0.0063	P	1.5

$$y = 0.0060 * x + 2.2527E-004$$

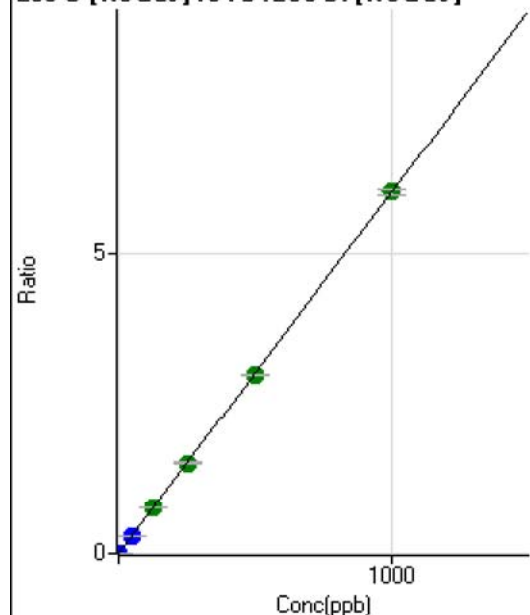
$$R = 1.0000$$

$$DL = 0.01207$$

$$BEC = 0.03765$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	0.8
2	☐	0.100	0.095	2858.82	0.0006	P	1.4
3	☐	1.000	0.987	27918.29	0.0060	P	5.9
4	☐	50.000	48.414	1429638.24	0.2930	P	2.8
5	☐	125.000	126.680	3676566.66	0.7667	A	2.6
6	☐	250.000	251.690	7260276.46	1.5234	A	3.4
7	☐	500.000	494.362	14677656.58	2.9921	A	0.6
8	☐	1000.000	1002.266	29864917.34	6.0662	A	1.7
9	☐			4862.31	0.0011	P	6.5

$$y = 0.0061 * x + 2.3318E-005$$

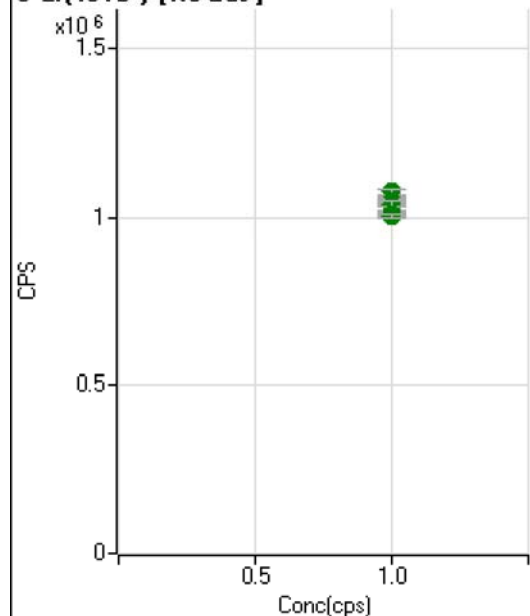
$$R = 1.0000$$

$$DL = 9.303E-05$$

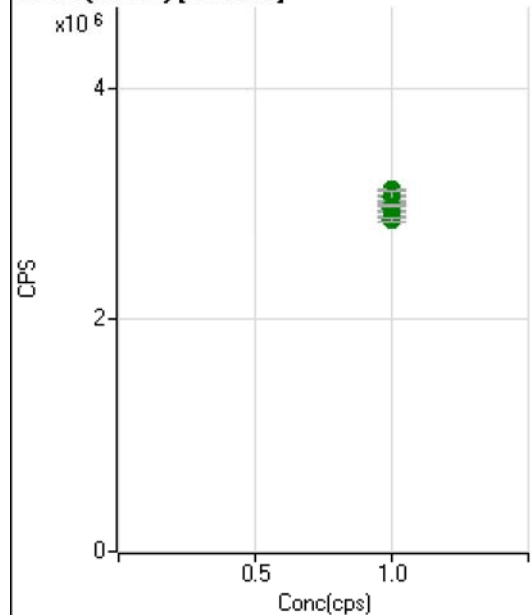
$$BEC = 0.003853$$

Weight: <None>

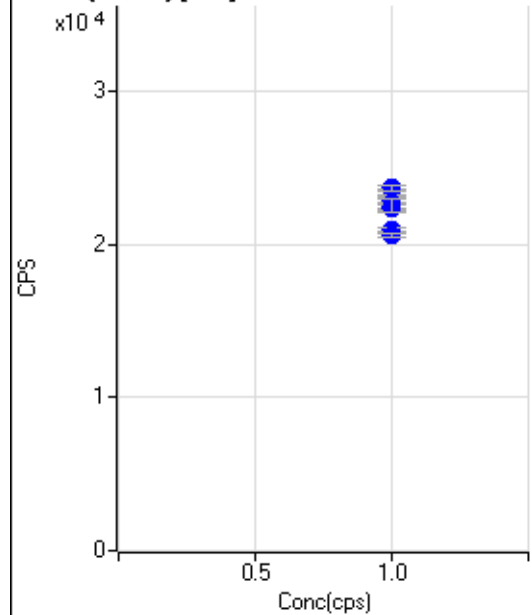
Min Conc: 0

6 Li(ISTD) [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1048059.09		A	0.5
2	☐	1.000		1055613.32		A	1.2
3	☐	1.000		1035366.72		A	3.4
4	☐	1.000		1075572.68		A	1.3
5	☐	1.000		1046837.35		A	2.0
6	☐	1.000		1030452.06		A	2.2
7	☐	1.000		1038205.99		A	1.7
8	☐	1.000		1007609.83		A	0.5
9	☐	1.000		1003049.93		A	0.8

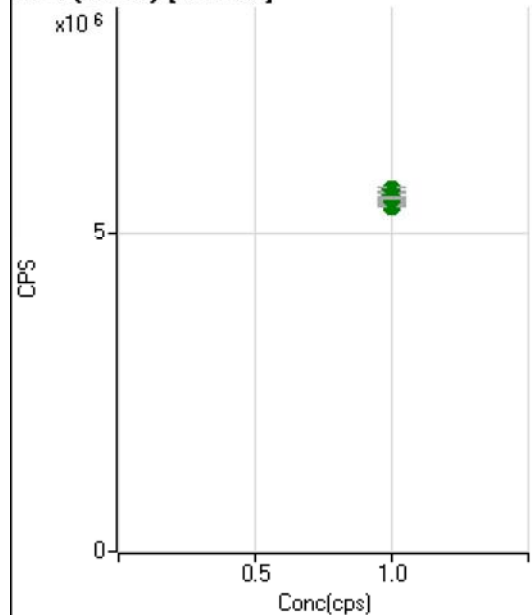
45 Sc(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3063905.60		A	0.4
2	☐	1.000		3126244.82		A	0.5
3	☐	1.000		3014535.48		A	5.0
4	☐	1.000		3069751.20		A	2.7
5	☐	1.000		2987396.88		A	2.0
6	☐	1.000		2950123.31		A	3.5
7	☐	1.000		2966208.51		A	1.5
8	☐	1.000		2869531.81		A	1.0
9	☐	1.000		2985850.83		A	0.7

45 Sc(ISTD) [He]

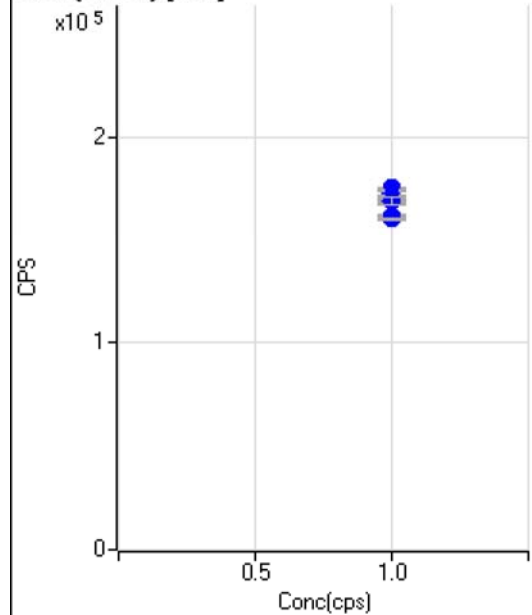
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23074.74		P	4.2
2	☐	1.000		23691.32		P	1.4
3	☐	1.000		22900.01		P	2.5
4	☐	1.000		22734.23		P	3.2
5	☐	1.000		22691.84		P	0.6
6	☐	1.000		22412.52		P	1.3
7	☐	1.000		20960.29		P	1.5
8	☐	1.000		20628.65		P	1.1
9	☐	1.000		22516.12		P	3.6

89 Y (ISTD) [No Gas]

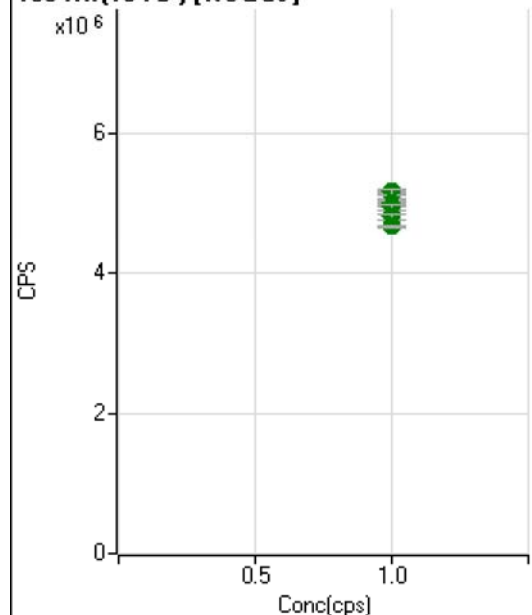


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5425390.61		A	0.2
2	☐	1.000		5657648.46		A	0.3
3	☐	1.000		5528581.52		A	3.4
4	☐	1.000		5672434.36		A	1.2
5	☐	1.000		5589750.40		A	2.0
6	☐	1.000		5565583.32		A	3.3
7	☐	1.000		5587845.96		A	1.7
8	☐	1.000		5519274.01		A	0.8
9	☐	1.000		5546894.64		A	0.4

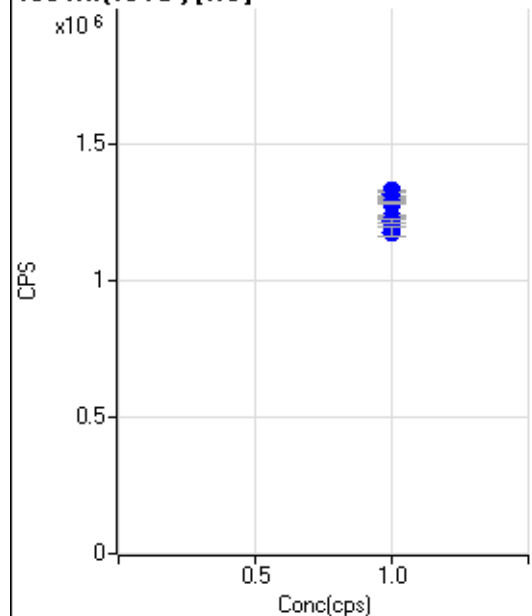
89 Y (ISTD) [He]



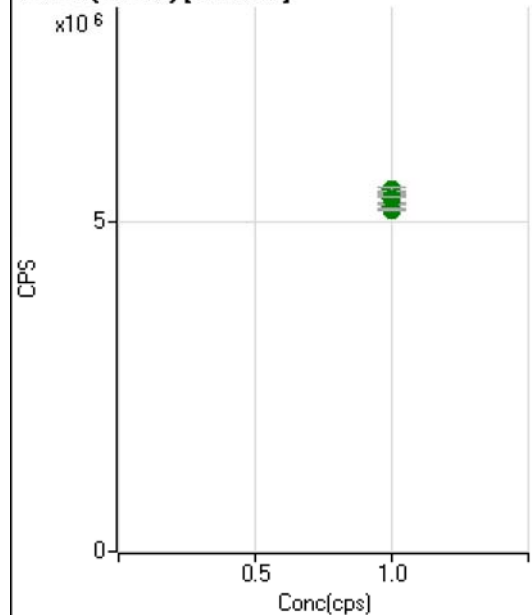
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		172556.10		P	2.1
2	☐	1.000		175280.49		P	0.8
3	☐	1.000		173365.23		P	1.3
4	☐	1.000		171451.05		P	2.4
5	☐	1.000		171013.60		P	0.6
6	☐	1.000		168939.96		P	0.8
7	☐	1.000		162036.85		P	0.6
8	☐	1.000		160332.02		P	1.0
9	☐	1.000		169055.52		P	2.6

103Rh(ISTD) [NoGas]

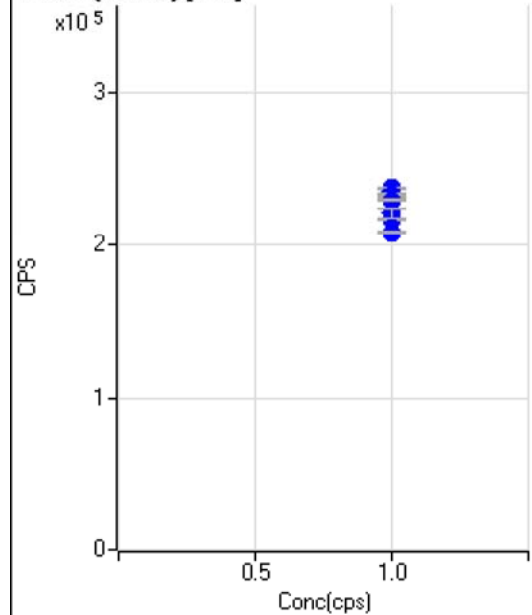
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5006102.28		A	0.2
2	☐	1.000		5179169.99		A	0.8
3	☐	1.000		5073996.16		A	4.1
4	☐	1.000		5177752.20		A	1.3
5	☐	1.000		5030900.76		A	2.1
6	☐	1.000		4985463.48		A	3.0
7	☐	1.000		4963619.56		A	1.8
8	☐	1.000		4817787.57		A	1.3
9	☐	1.000		4689372.98		A	0.4

103Rh(ISTD) [He]

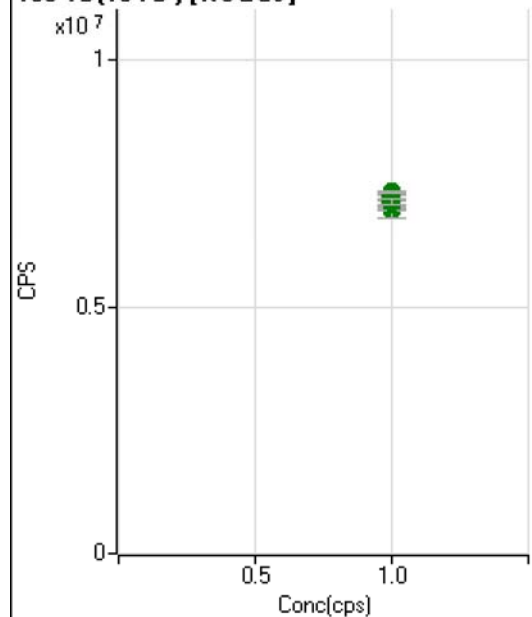
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1307814.92		P	2.6
2	☐	1.000		1331417.78		P	0.4
3	☐	1.000		1321437.90		P	1.8
4	☐	1.000		1317409.24		P	1.7
5	☐	1.000		1304227.14		P	0.5
6	☐	1.000		1287652.94		P	0.4
7	☐	1.000		1238011.69		P	0.9
8	☐	1.000		1220254.38		P	0.9
9	☐	1.000		1181394.17		P	3.2

115 In(ISTD) [NoGas]

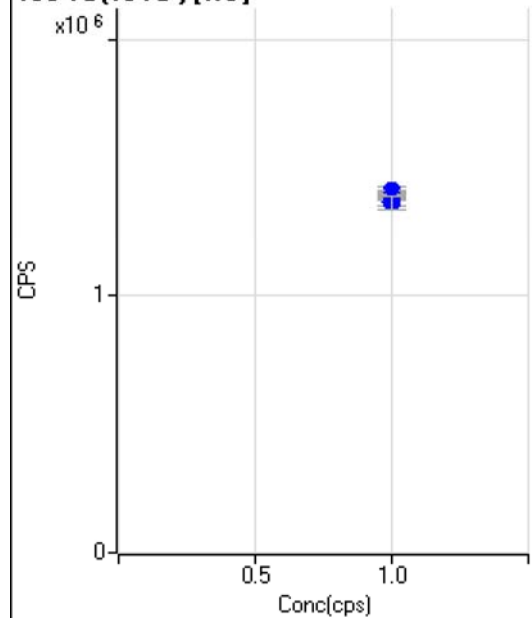
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5256648.91		A	0.2
2	☐	1.000		5431251.18		A	0.6
3	☐	1.000		5293861.30		A	4.0
4	☐	1.000		5484538.72		A	1.2
5	☐	1.000		5355856.79		A	2.2
6	☐	1.000		5296240.63		A	3.1
7	☐	1.000		5339855.81		A	1.7
8	☐	1.000		5229151.13		A	1.4
9	☐	1.000		5187634.51		A	1.0

115 In(ISTD) [He]

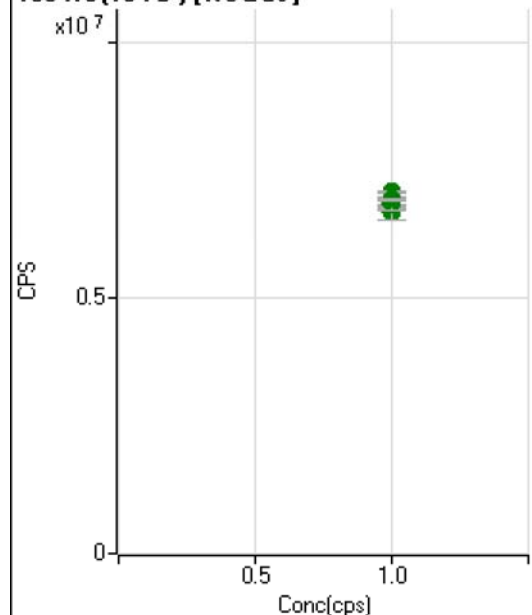
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		234812.38		P	3.0
2	☐	1.000		237648.46		P	0.4
3	☐	1.000		235658.05		P	2.2
4	☐	1.000		235154.73		P	2.0
5	☐	1.000		233480.81		P	0.6
6	☐	1.000		229570.45		P	0.3
7	☐	1.000		216999.27		P	0.4
8	☐	1.000		208328.98		P	0.9
9	☐	1.000		221540.78		P	2.8

159 Tb(ISTD) [NoGas]

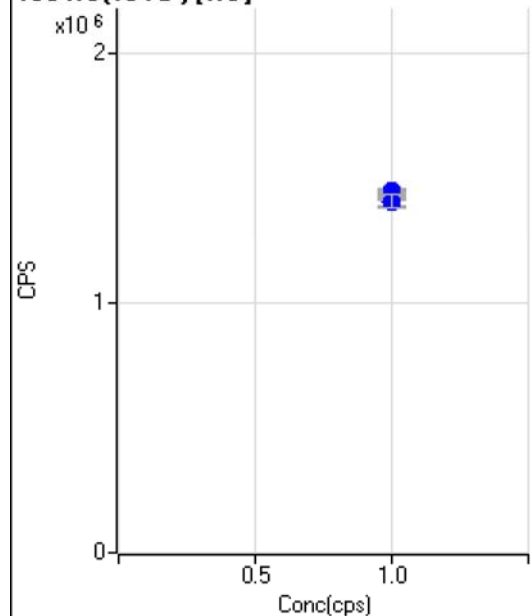
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7017306.21		A	0.4
2	☐	1.000		7128385.87		A	0.6
3	☐	1.000		6987682.18		A	4.9
4	☐	1.000		7229395.45		A	1.6
5	☐	1.000		7174618.37		A	2.6
6	☐	1.000		7087223.92		A	2.9
7	☐	1.000		7271759.33		A	1.7
8	☐	1.000		7347870.86		A	0.8
9	☐	1.000		7144660.31		A	1.3

159 Tb(ISTD) [He]

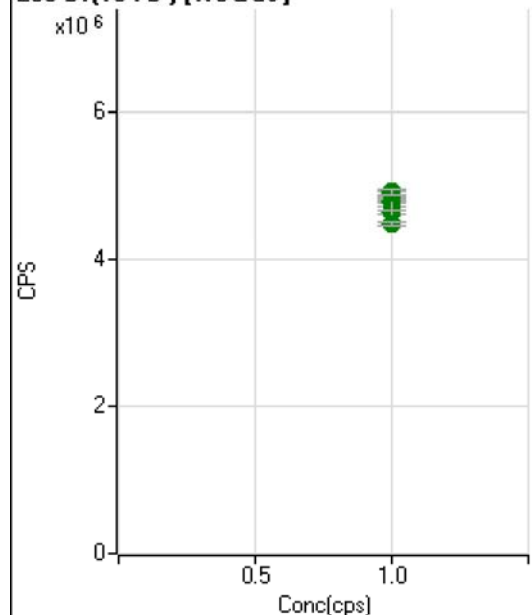
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1372979.02		P	2.5
2	☐	1.000		1398002.63		P	0.6
3	☐	1.000		1388072.84		P	2.1
4	☐	1.000		1411069.15		P	2.0
5	☐	1.000		1408827.88		P	0.5
6	☐	1.000		1410076.38		P	0.6
7	☐	1.000		1386720.67		P	0.3
8	☐	1.000		1390829.68		P	1.0
9	☐	1.000		1367060.28		P	3.6

165 Ho(ISTD) [NoGas]

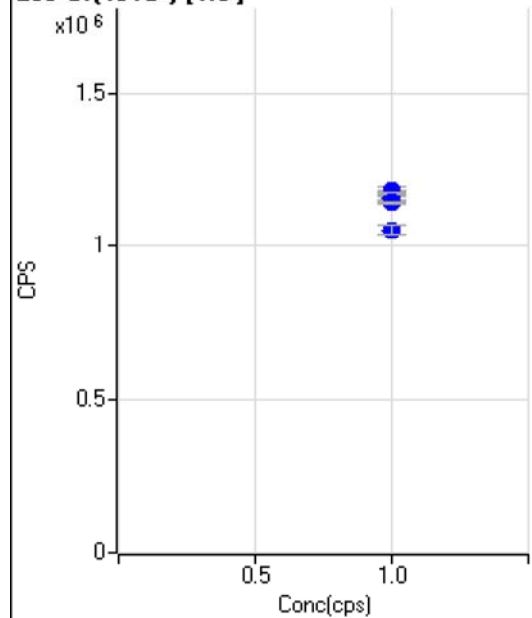
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6751822.81		A	0.5
2	☐	1.000		6830106.32		A	0.3
3	☐	1.000		6669968.42		A	4.0
4	☐	1.000		6906119.69		A	1.9
5	☐	1.000		6832777.58		A	1.9
6	☐	1.000		6856898.37		A	3.9
7	☐	1.000		7051965.09		A	1.5
8	☐	1.000		7083011.62		A	0.5
9	☐	1.000		6931295.90		A	0.8

165 Ho(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1412028.90		P	2.3
2	☐	1.000		1432870.38		P	1.0
3	☐	1.000		1433666.49		P	2.1
4	☐	1.000		1449483.75		P	2.1
5	☐	1.000		1452933.83		P	0.2
6	☐	1.000		1447549.42		P	0.2
7	☐	1.000		1431088.68		P	0.7
8	☐	1.000		1438064.07		P	0.7
9	☐	1.000		1410405.36		P	3.7

209 Bi(ISTD) [NoGas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4646344.58		A	0.8
2	☐	1.000		4780466.11		A	0.6
3	☐	1.000		4664920.49		A	6.0
4	☐	1.000		4880729.93		A	2.4
5	☐	1.000		4797118.05		A	2.6
6	☐	1.000		4770045.97		A	3.8
7	☐	1.000		4905656.94		A	1.2
8	☐	1.000		4924003.75		A	1.5
9	☐	1.000		4492674.52		A	1.1

209 Bi(ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1158544.88		P	2.9
2	☐	1.000		1176214.48		P	0.5
3	☐	1.000		1169637.15		P	2.8
4	☐	1.000		1182342.68		P	2.4
5	☐	1.000		1181938.63		P	0.7
6	☐	1.000		1174752.31		P	0.5
7	☐	1.000		1145468.51		P	0.8
8	☐	1.000		1144397.45		P	0.8
9	☐	1.000		1053627.48		P	2.9

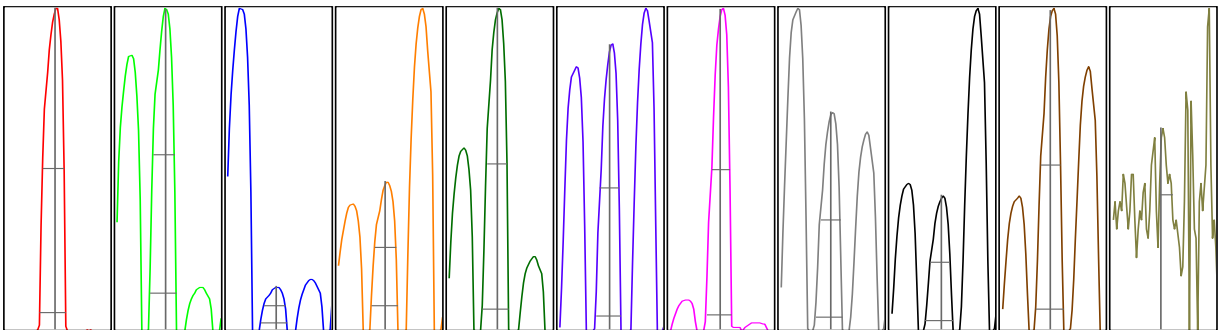
US EPA Tune Check Sample Report

Batch Folder D:\P8100418-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5962	1.43	5.00	
24	54523	1.54	5.00	
25	7652	1.31	5.00	
26	9114	1.76	5.00	
59	60662	1.89	5.00	
113	8636	1.81	5.00	
115	102479	1.73	5.00	
206	27248	1.48	5.00	
207	24925	1.82	5.00	
208	59381	1.81	5.00	
220	1	12.62		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6026	5829	6011	6022	5921
24	54904	53228	55082	55261	54139
25	7736	7517	7725	7709	7572
26	9198	8904	9230	9258	8980
59	61111	58948	61671	61525	60056
113	8715	8383	8716	8774	8591
115	103882	99459	102874	103628	102552
206	27363	26561	27561	27503	27255
207	25177	24174	25140	25304	24833
208	59654	57623	60245	60197	59184
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	10389	8.95	8.9 - 9.1		0.739	0.900	
24	94455	23.95	23.9 - 24.1		0.756	0.900	
25	12829	24.95	24.9 - 25.1		0.747	0.900	
26	15071	25.90	25.9 - 26.1		0.747	0.900	
59	108186	58.95	58.9 - 59.1		0.751	0.900	
113	16410	113.00	112.9 - 113.1		0.728	0.900	
115	193044	115.00	114.9 - 115.1		0.738	0.900	
206	49822	206.00	205.9 - 206.1		0.773	0.900	
207	45309	207.00	206.9 - 207.1		0.778	0.900	
208	107921	207.95	207.9 - 208.1		0.791	0.900	
220	1	219.95	-				

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	10.4	V	Deflect	13.8	V
Extract 2	-235.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	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	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7220	1.13	
89	2093	1.14	
205	11286	1.18	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7290	7257	7256	7082	7216
89	2123	2089	2095	2057	2102
205	11379	11336	11371	11056	11290

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	10.4	V	Deflect	1.2	V
Extract 2	-235.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	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	190	V			

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 13:52:45 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	-0.22	-0.83	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.21	0.32	-0.11	0.00	N/A	ppb
Boron	11-1	-0.14	0.11	0.04	0.00	N/A	ppb
Cadmium	111-1	0.03	0.04	-0.07	0.00	N/A	ppb
Cadmium	106-1	0.42	0.48	-0.91	0.00	N/A	ppb
Cadmium	108-1	0.03	0.00	-0.03	0.00	N/A	ppb
Calcium	43-1	-0.43	0.47	-0.04	0.00	N/A	ppb
Calcium	44-1	-0.17	0.18	-0.01	0.00	N/A	ppb
Chromium	52-2	-0.02	-0.07	0.09	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-0.03	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.30	-0.02	0.32	0.00	N/A	ppb
Iron	57-2	-1.14	1.83	-0.69	0.00	N/A	ppb
Krypton	83-1	4.76	220.80	-225.55	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-2.42	1.55	0.87	0.00	N/A	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 13:52:45	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	-0.09	0.04	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	0.07	0.05	0.00	N/A	ppb
Phosphorus	31-2	-8.80	-8.80	-8.80	-8.80		ppb
Potassium	39-2	-5.43	2.74	2.68	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	0.69	-0.71	0.02	0.00	N/A	ppb
Selenium	82-1	-0.14	0.19	-0.05	0.00	N/A	ppb
Silicon	28-1	-0.14	0.09	0.05	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.15	-2.87	0.72	0.00	N/A	ppb
Strontium	86-1	0.02	0.01	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-77.70	63.55	-77.47	-30.54		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	0.04	0.01	-0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	0.09	0.01	0.00	N/A	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 13:52:45	DataFile Name :	003CALB.d

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

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:00:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.08	21.31	17.55	21.31	17.65	ppb
Antimony	121-1	2.12	1.90	1.95	1.99	5.81	ppb
Arsenic	75-2	0.85	0.93	0.98	0.92	6.89	ppb
Barium	135-1	11.20	9.95	10.15	10.43	6.45	ppb
Barium	137-1	11.08	10.26	9.91	10.42	5.76	ppb
Beryllium	9-1	0.95	1.03	1.06	1.01	5.41	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	26.38	24.12	23.81	24.77	5.67	ppb
Boron	11-1	24.90	23.87	24.63	24.47	2.20	ppb
Cadmium	111-1	1.05	1.01	0.99	1.01	3.09	ppb
Cadmium	106-1	0.87	0.98	0.77	0.87	11.94	ppb
Cadmium	108-1	1.00	1.23	1.15	1.13	10.49	ppb
Calcium	43-1	492.71	493.76	453.53	480.00	4.78	ppb
Calcium	44-1	524.65	477.84	471.25	491.24	5.93	ppb
Chromium	52-2	2.23	2.39	1.87	2.17	12.20	ppb
Cobalt	59-2	1.01	1.09	0.96	1.02	6.43	ppb
Copper	63-2	2.02	2.27	2.08	2.12	5.96	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				99		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	50.77	53.24	50.06	51.35	3.25	ppb
Iron	57-2	56.63	55.95	53.62	55.40	2.85	ppb
Krypton	83-1	-1009.30	4269.26	-672.03	862.64	342.56	ppb
Lead	206-1	1.13	1.06	0.97	1.05	7.49	ppb
Lead	207-1	1.12	0.99	1.00	1.04	7.28	ppb
Lead	208-1	1.12	1.00	0.98	1.03	7.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	507.78	500.35	501.74	503.29	0.79	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:00:18	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	1.00	0.99	0.98	2.97	ppb
Molybdenum	94-1	5.27	4.81	4.73	4.94	5.91	ppb
Molybdenum	95-1	5.15	4.84	4.84	4.94	3.58	ppb
Molybdenum	96-1	5.22	4.81	4.96	5.00	4.15	ppb
Molybdenum	97-1	5.20	4.84	4.97	5.00	3.66	ppb
Molybdenum	98-1	5.37	4.93	5.02	5.11	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.21	1.16	1.19	1.80	ppb
Phosphorus	31-2	10.31	51.27	-8.80	17.59	174.42	ppb
Potassium	39-2	491.71	516.11	458.24	488.69	5.94	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	4.38	4.49	4.41	4.42	1.30	ppb
Selenium	78-2	7.67	5.74	6.32	6.58	15.07	ppb
Selenium	82-1	5.80	4.57	5.48	5.28	12.15	ppb
Silicon	28-1	21.80	16.33	14.26	17.46	22.33	ppb
Silver	109-1	1.18	1.03	1.00	1.07	9.09	ppb
Silver	107-1	1.14	0.98	1.11	1.08	7.93	ppb
Sodium	23-2	491.26	510.20	494.71	498.72	2.02	ppb
Strontium	86-1	1.17	0.95	0.97	1.03	11.87	ppb
Strontium	88-1	1.04	1.04	1.02	1.03	1.10	ppb
Sulfur	34-1	949.36	-81.70	-77.21	263.48	225.44	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	1.09	0.93	0.97	1.00	8.67	ppb
Thallium	205-1	1.04	0.94	0.94	0.97	5.73	ppb
Tin	118-1	5.51	4.83	4.86	5.07	7.57	ppb
Titanium	47-1	5.65	5.16	5.25	5.35	4.92	ppb
Uranium	238-1	1.06	0.95	0.95	0.99	5.94	ppb
Vanadium	51-2	4.85	5.11	4.98	4.98	2.60	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.17	2.08	2.25	2.17	4.14	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:00:18	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.89	0.93	0.91	2.37	ppb
Zirconium	91-1	0.93	0.90	0.92	0.92	1.90	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:04:06	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	991.08	981.44	919.78	964.10	4.01	ppb
Antimony	121-1	51.50	50.01	50.36	50.62	1.54	ppb
Arsenic	75-2	53.24	51.66	49.38	51.43	3.78	ppb
Barium	135-1	261.60	252.87	257.54	257.34	1.70	ppb
Barium	137-1	261.74	253.51	257.64	257.63	1.60	ppb
Beryllium	9-1	51.09	50.27	50.94	50.77	0.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	47.14	51.04	50.90	49.69	4.45	ppb
Boron	11-1	48.88	48.61	51.44	49.65	3.15	ppb
Cadmium	111-1	53.20	51.78	52.58	52.52	1.36	ppb
Cadmium	106-1	54.48	53.44	54.41	54.11	1.07	ppb
Cadmium	108-1	53.18	54.01	53.04	53.41	0.98	ppb
Calcium	43-1	5185.35	4903.93	4943.15	5010.81	3.04	ppb
Calcium	44-1	5199.35	4898.89	4963.97	5020.74	3.15	ppb
Chromium	52-2	52.07	52.56	49.22	51.28	3.52	ppb
Cobalt	59-2	52.17	53.36	48.67	51.40	4.75	ppb
Copper	63-2	103.77	105.47	99.07	102.77	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	2608.47	2663.17	2511.32	2594.32	2.96	ppb
Iron	57-2	2528.73	2643.63	2440.24	2537.53	4.02	ppb
Krypton	83-1	-2565.44	2773.59	-120.24	29.30	9121.57	ppb
Lead	206-1	51.15	48.72	50.27	50.05	2.46	ppb
Lead	207-1	50.57	48.60	50.22	49.80	2.11	ppb
Lead	208-1	50.82	48.54	49.85	49.74	2.31	ppb
Lithium	6-1				103		%
Magnesium	24-2	5073.14	5306.91	4979.65	5119.90	3.29	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:04:06	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.98	106.53	99.23	103.58	3.71	ppb
Molybdenum	94-1	256.36	250.60	252.08	253.01	1.18	ppb
Molybdenum	95-1	256.14	251.24	251.25	252.88	1.12	ppb
Molybdenum	96-1	253.81	248.65	248.75	250.40	1.18	ppb
Molybdenum	97-1	252.89	245.49	247.39	248.59	1.55	ppb
Molybdenum	98-1	256.36	249.48	254.03	253.29	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.77	53.22	49.99	51.99	3.37	ppb
Phosphorus	31-2	978.29	1400.87	1145.21	1174.79	18.12	ppb
Potassium	39-2	2474.16	2432.45	2417.68	2441.43	1.20	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	44.98	50.31	39.27	44.85	12.32	ppb
Selenium	78-2	51.63	64.17	54.22	56.67	11.68	ppb
Selenium	82-1	53.61	50.25	51.15	51.67	3.37	ppb
Silicon	28-1	59.02	52.29	54.83	55.38	6.14	ppb
Silver	109-1	53.37	52.03	53.25	52.88	1.40	ppb
Silver	107-1	54.10	52.42	53.76	53.43	1.67	ppb
Sodium	23-2	5058.28	5180.75	4902.22	5047.08	2.77	ppb
Strontium	86-1	51.05	49.85	49.65	50.18	1.51	ppb
Strontium	88-1	51.62	50.13	50.62	50.79	1.50	ppb
Sulfur	34-1	1578.09	663.39	977.34	1072.94	43.32	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	50.78	48.31	50.08	49.72	2.56	ppb
Thallium	205-1	50.30	48.23	50.43	49.65	2.48	ppb
Tin	118-1	52.09	50.57	51.74	51.47	1.54	ppb
Titanium	47-1	263.06	247.85	250.60	253.83	3.19	ppb
Uranium	238-1	49.81	47.08	48.35	48.41	2.82	ppb
Vanadium	51-2	51.79	52.72	49.50	51.34	3.22	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	105.23	105.69	102.23	104.38	1.80	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:04:06	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	51.30	49.70	49.77	50.25	1.80	ppb
Zirconium	91-1	50.89	49.06	48.34	49.43	2.66	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 14:07:53 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2347.32	2360.32	2356.91	2354.85	0.29	ppb
Antimony	121-1	127.91	133.19	125.32	128.81	3.12	ppb
Arsenic	75-2	126.02	127.12	126.71	126.61	0.44	ppb
Barium	135-1	647.47	669.91	632.04	649.81	2.93	ppb
Barium	137-1	663.51	670.47	643.89	659.29	2.09	ppb
Beryllium	9-1	128.36	132.47	127.33	129.39	2.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	122.58	131.13	123.72	125.81	3.69	ppb
Boron	11-1	122.83	127.98	128.01	126.27	2.36	ppb
Cadmium	111-1	131.06	134.45	126.63	130.71	3.00	ppb
Cadmium	106-1	134.53	136.60	128.82	133.32	3.02	ppb
Cadmium	108-1	131.67	136.36	128.35	132.13	3.05	ppb
Calcium	43-1	12777.91	13164.12	12617.05	12853.03	2.19	ppb
Calcium	44-1	12637.86	12999.69	12285.28	12640.95	2.83	ppb
Chromium	52-2	126.04	127.74	127.90	127.22	0.81	ppb
Cobalt	59-2	125.15	125.67	126.90	125.91	0.71	ppb
Copper	63-2	250.97	253.61	252.28	252.28	0.52	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				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	6292.83	6347.27	6464.26	6368.12	1.38	ppb
Iron	57-2	6279.88	6259.42	6258.65	6265.98	0.19	ppb
Krypton	83-1	-3548.48	-1468.66	492.60	-1508.18		ppb
Lead	206-1	126.85	131.37	124.69	127.64	2.67	ppb
Lead	207-1	126.47	129.62	123.87	126.65	2.27	ppb
Lead	208-1	127.90	131.84	125.99	128.57	2.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	12549.89	12489.60	12726.03	12588.51	0.98	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:07:53	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.86	257.43	253.59	254.96	0.84	ppb
Molybdenum	94-1	657.77	664.39	634.44	652.20	2.41	ppb
Molybdenum	95-1	650.45	669.00	630.43	649.96	2.97	ppb
Molybdenum	96-1	650.35	654.81	631.36	645.51	1.93	ppb
Molybdenum	97-1	640.06	660.72	631.60	644.13	2.33	ppb
Molybdenum	98-1	647.38	652.09	629.03	642.83	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.95	126.35	129.09	127.79	1.08	ppb
Phosphorus	31-2	2550.08	2751.53	2935.38	2745.67	7.02	ppb
Potassium	39-2	6024.70	6066.66	6052.80	6048.05	0.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	120.90	120.62	103.95	115.16	8.43	ppb
Selenium	78-2	124.18	131.72	128.22	128.04	2.95	ppb
Selenium	82-1	130.88	133.89	129.87	131.55	1.59	ppb
Silicon	28-1	141.58	148.06	139.15	142.93	3.22	ppb
Silver	109-1	132.05	137.14	130.86	133.35	2.50	ppb
Silver	107-1	133.01	137.30	130.96	133.76	2.42	ppb
Sodium	23-2	12390.31	12409.76	12444.64	12414.90	0.22	ppb
Strontium	86-1	127.46	131.19	125.38	128.01	2.30	ppb
Strontium	88-1	130.55	132.67	126.97	130.06	2.22	ppb
Sulfur	34-1	2700.87	3208.55	2553.03	2820.82	12.19	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	125.84	130.47	125.00	127.10	2.32	ppb
Thallium	205-1	129.07	133.17	126.45	129.56	2.61	ppb
Tin	118-1	128.39	132.94	126.05	129.13	2.71	ppb
Titanium	47-1	641.15	667.45	633.00	647.20	2.78	ppb
Uranium	238-1	126.39	130.09	123.56	126.68	2.58	ppb
Vanadium	51-2	123.14	126.15	125.36	124.88	1.25	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	248.26	257.35	254.59	253.40	1.84	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:07:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	131.58	133.82	127.21	130.87	2.57	ppb
Zirconium	91-1	125.59	130.10	122.91	126.20	2.88	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:11:32	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4814.91	4710.05	4765.09	4763.35	1.10	ppb
Antimony	121-1	261.78	275.21	260.97	265.99	3.01	ppb
Arsenic	75-2	255.61	258.58	257.89	257.36	0.60	ppb
Barium	135-1	1304.91	1387.83	1309.53	1334.09	3.49	ppb
Barium	137-1	1294.18	1377.95	1294.50	1322.21	3.65	ppb
Beryllium	9-1	258.21	267.58	257.02	260.94	2.22	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	244.27	267.48	258.38	256.71	4.56	ppb
Boron	11-1	247.65	258.09	261.35	255.70	2.80	ppb
Cadmium	111-1	261.15	273.06	260.44	264.89	2.68	ppb
Cadmium	106-1	259.68	268.67	265.03	264.46	1.71	ppb
Cadmium	108-1	258.70	273.67	261.43	264.60	3.01	ppb
Calcium	43-1	25346.09	26876.68	25454.97	25892.58	3.30	ppb
Calcium	44-1	24730.19	26459.57	25197.48	25462.41	3.51	ppb
Chromium	52-2	252.72	250.03	254.14	252.30	0.83	ppb
Cobalt	59-2	249.35	246.99	248.78	248.37	0.49	ppb
Copper	63-2	502.15	495.31	506.34	501.27	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	12663.31	12505.35	12666.71	12611.79	0.73	ppb
Iron	57-2	12604.05	12497.80	12761.95	12621.27	1.05	ppb
Krypton	83-1	271.78	830.46	1664.45	922.23	76.00	ppb
Lead	206-1	254.45	268.96	252.57	258.66	3.47	ppb
Lead	207-1	248.00	266.07	249.07	254.38	3.99	ppb
Lead	208-1	252.21	268.26	251.92	257.47	3.63	ppb
Lithium	6-1				98		%
Magnesium	24-2	25122.02	24842.86	25271.72	25078.87	0.87	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:11:32	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	504.83	498.55	513.61	505.66	1.50	ppb
Molybdenum	94-1	1263.65	1344.32	1264.37	1290.78	3.59	ppb
Molybdenum	95-1	1259.25	1336.81	1254.55	1283.54	3.60	ppb
Molybdenum	96-1	1258.29	1328.37	1264.00	1283.55	3.03	ppb
Molybdenum	97-1	1256.86	1343.26	1272.04	1290.72	3.57	ppb
Molybdenum	98-1	1254.68	1322.57	1253.11	1276.79	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.25	255.33	257.15	255.91	0.42	ppb
Phosphorus	31-2	5392.35	5054.81	5365.09	5270.75	3.56	ppb
Potassium	39-2	12126.49	11888.19	12064.53	12026.40	1.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	274.65	291.97	260.28	275.63	5.76	ppb
Selenium	78-2	284.87	251.57	251.08	262.51	7.38	ppb
Selenium	82-1	251.06	271.79	253.75	258.87	4.36	ppb
Silicon	28-1	274.34	294.29	278.10	282.24	3.76	ppb
Silver	109-1	267.51	285.05	271.10	274.55	3.38	ppb
Silver	107-1	270.60	284.25	269.55	274.80	2.98	ppb
Sodium	23-2	25360.88	24906.39	25152.91	25140.06	0.90	ppb
Strontium	86-1	251.69	265.21	251.04	255.98	3.13	ppb
Strontium	88-1	253.69	266.45	252.15	257.43	3.05	ppb
Sulfur	34-1	5187.10	6205.43	5251.30	5547.94	10.28	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	256.10	271.68	252.99	260.25	3.85	ppb
Thallium	205-1	254.62	268.59	253.91	259.04	3.20	ppb
Tin	118-1	261.75	273.68	258.46	264.63	3.03	ppb
Titanium	47-1	1291.29	1373.71	1291.43	1318.81	3.61	ppb
Uranium	238-1	248.00	261.52	245.56	251.69	3.42	ppb
Vanadium	51-2	252.63	247.69	252.87	251.06	1.16	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	512.15	497.34	506.61	505.37	1.48	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:11:32	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	252.35	269.43	254.88	258.89	3.56	ppb
Zirconium	91-1	248.28	264.76	248.41	253.81	3.73	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:15:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9381.74	9806.60	9518.62	9568.99	2.27	ppb
Antimony	121-1	503.45	516.45	502.79	507.56	1.52	ppb
Arsenic	75-2	504.40	499.63	508.19	504.07	0.85	ppb
Barium	135-1	2487.66	2589.57	2539.39	2538.87	2.01	ppb
Barium	137-1	2503.07	2568.94	2502.52	2524.84	1.51	ppb
Beryllium	9-1	489.65	503.26	498.36	497.09	1.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	489.57	497.98	491.79	493.11	0.88	ppb
Boron	11-1	476.48	503.59	507.88	495.99	3.43	ppb
Cadmium	111-1	498.81	513.42	506.35	506.19	1.44	ppb
Cadmium	106-1	504.44	513.47	505.47	507.80	0.97	ppb
Cadmium	108-1	496.79	514.44	512.53	507.92	1.91	ppb
Calcium	43-1	48970.41	49891.31	49887.80	49583.17	1.07	ppb
Calcium	44-1	48189.18	49015.84	49155.60	48786.87	1.07	ppb
Chromium	52-2	502.47	520.88	499.18	507.51	2.30	ppb
Cobalt	59-2	495.77	510.60	495.42	500.60	1.73	ppb
Copper	63-2	999.71	1025.72	992.81	1006.08	1.72	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				101		%
Indium	115-1				102		%
Indium	115-2				92		%
Iron	56-2	25265.67	25706.61	25122.04	25364.77	1.20	ppb
Iron	57-2	25087.05	25881.91	24986.10	25318.35	1.94	ppb
Krypton	83-1	2744.41	1725.17	-960.97	1169.54	163.67	ppb
Lead	206-1	495.90	504.36	510.68	503.64	1.47	ppb
Lead	207-1	492.84	506.57	512.29	503.90	1.98	ppb
Lead	208-1	492.83	504.06	508.92	501.93	1.64	ppb
Lithium	6-1				99		%
Magnesium	24-2	50770.01	52310.30	50444.16	51174.82	1.95	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:15:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1006.55	1035.43	1008.12	1016.70	1.60	ppb
Molybdenum	94-1	2426.45	2534.82	2516.29	2492.52	2.33	ppb
Molybdenum	95-1	2452.09	2515.53	2526.98	2498.20	1.61	ppb
Molybdenum	96-1	2463.67	2523.09	2494.45	2493.74	1.19	ppb
Molybdenum	97-1	2461.92	2509.07	2524.33	2498.44	1.30	ppb
Molybdenum	98-1	2461.55	2529.86	2513.21	2501.54	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.25	518.17	503.33	509.58	1.51	ppb
Phosphorus	31-2	10155.12	10067.21	9920.33	10047.55	1.18	ppb
Potassium	39-2	23487.12	24307.84	23463.15	23752.71	2.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	462.51	571.65	481.51	505.22	11.54	ppb
Selenium	78-2	488.93	503.74	493.14	495.27	1.54	ppb
Selenium	82-1	494.85	506.14	506.65	502.55	1.33	ppb
Silicon	28-1	509.85	516.14	518.92	514.97	0.90	ppb
Silver	109-1	509.18	520.80	514.04	514.67	1.13	ppb
Silver	107-1	505.44	520.57	513.47	513.16	1.48	ppb
Sodium	23-2	49932.75	50821.36	49121.18	49958.43	1.70	ppb
Strontium	86-1	488.07	506.15	503.28	499.16	1.95	ppb
Strontium	88-1	492.31	504.47	501.91	499.56	1.28	ppb
Sulfur	34-1	9437.24	9857.19	10093.73	9796.05	3.39	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	495.19	502.45	507.61	501.75	1.24	ppb
Thallium	205-1	488.88	498.09	502.88	496.62	1.43	ppb
Tin	118-1	501.05	520.08	508.50	509.88	1.88	ppb
Titanium	47-1	2462.39	2546.87	2523.94	2511.07	1.74	ppb
Uranium	238-1	490.98	495.19	496.91	494.36	0.62	ppb
Vanadium	51-2	499.89	518.39	499.32	505.86	2.15	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	1027.95	1047.83	1020.57	1032.12	1.37	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:15:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.19	508.81	499.30	499.77	1.76	ppb
Zirconium	91-1	489.05	506.95	505.68	500.56	2.00	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:18:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18799.30	18989.95	18548.76	18779.34	1.18	ppb
Antimony	121-1	1002.61	984.62	987.91	991.72	0.97	ppb
Arsenic	75-2	989.19	1005.26	993.11	995.85	0.84	ppb
Barium	135-1	5012.99	4917.02	4938.21	4956.07	1.02	ppb
Barium	137-1	5008.60	4942.35	4943.61	4964.86	0.76	ppb
Beryllium	9-1	1007.97	1000.04	986.39	998.13	1.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	988.43	1001.88	1014.74	1001.69	1.31	ppb
Boron	11-1	988.41	1000.87	1012.08	1000.45	1.18	ppb
Cadmium	111-1	1007.22	985.01	984.79	992.34	1.30	ppb
Cadmium	106-1	1001.55	990.56	981.61	991.24	1.01	ppb
Cadmium	108-1	1007.68	981.31	984.99	991.33	1.44	ppb
Calcium	43-1	99712.85	97455.71	96669.55	97946.04	1.61	ppb
Calcium	44-1	98134.53	96839.38	96806.16	97260.03	0.78	ppb
Chromium	52-2	988.11	1011.76	986.12	995.33	1.43	ppb
Cobalt	59-2	991.92	1013.72	994.13	999.93	1.20	ppb
Copper	63-2	1996.29	2024.99	1967.38	1996.22	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	56-2	50077.61	50070.04	49218.83	49788.83	0.99	ppb
Iron	57-2	49691.50	50262.93	49098.62	49684.35	1.17	ppb
Krypton	83-1	1958.98	-930.74	1076.34	701.53	211.09	ppb
Lead	206-1	1016.62	986.83	983.59	995.68	1.83	ppb
Lead	207-1	1016.26	986.85	987.16	996.76	1.69	ppb
Lead	208-1	1014.54	986.94	988.71	996.73	1.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	100050.39	102655.58	98072.57	100259.51	2.29	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:18:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1988.08	2006.09	1974.14	1989.44	0.81	ppb
Molybdenum	94-1	5034.60	4973.99	4961.40	4989.99	0.78	ppb
Molybdenum	95-1	5011.94	5013.81	4942.00	4989.25	0.82	ppb
Molybdenum	96-1	5026.22	5010.23	4940.03	4992.16	0.92	ppb
Molybdenum	97-1	5034.62	4976.62	4953.60	4988.28	0.84	ppb
Molybdenum	98-1	5038.54	4974.32	4957.56	4990.14	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.65	1009.05	977.14	993.28	1.61	ppb
Phosphorus	31-2	19903.95	19912.66	19790.66	19869.09	0.34	ppb
Potassium	39-2	46067.70	47351.01	45655.39	46358.03	1.91	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	1013.97	973.57	989.88	992.47	2.05	ppb
Selenium	78-2	1002.27	994.32	998.95	998.52	0.40	ppb
Selenium	82-1	1010.01	993.26	983.55	995.61	1.34	ppb
Silicon	28-1	999.74	979.99	965.87	981.87	1.73	ppb
Silver	109-1	992.61	980.18	983.22	985.34	0.66	ppb
Silver	107-1	993.43	985.71	978.72	985.95	0.75	ppb
Sodium	23-2	98071.06	99016.78	96400.68	97829.51	1.35	ppb
Strontium	86-1	1014.44	992.69	988.49	998.54	1.40	ppb
Strontium	88-1	1004.14	994.38	994.55	997.69	0.56	ppb
Sulfur	34-1	20374.90	19715.87	19672.95	19921.24	1.98	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	1013.25	990.60	985.08	996.31	1.50	ppb
Thallium	205-1	1017.65	989.60	989.39	998.88	1.63	ppb
Tin	118-1	1002.85	982.29	987.30	990.81	1.08	ppb
Titanium	47-1	5039.65	4932.89	4950.34	4974.30	1.15	ppb
Uranium	238-1	1022.25	991.78	992.77	1002.27	1.73	ppb
Vanadium	51-2	992.52	1010.43	987.31	996.75	1.22	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	1977.90	2011.00	1956.97	1981.96	1.37	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:18:36	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1007.15	990.74	993.55	997.15	0.88	ppb
Zirconium	91-1	1008.32	995.62	992.00	998.65	0.86	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 14:22:02 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96448.95	98433.71	106026.50	100303.05	5.04	ppb
Antimony	121-1	2.79	2.71	2.61	2.70	3.38	ppb
Arsenic	75-2	1.53	1.25	2.02	1.60	24.26	ppb
Barium	135-1	1.41	1.33	1.41	1.38	3.15	ppb
Barium	137-1	1.42	1.44	1.43	1.43	0.86	ppb
Beryllium	9-1	0.54	0.56	0.48	0.53	7.85	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	10-1	49.45	43.76	38.66	43.96	12.28	ppb
Boron	11-1	47.61	44.25	41.43	44.43	6.97	ppb
Cadmium	111-1	0.17	0.12	0.26	0.18	38.43	ppb
Cadmium	106-1	0.02	-0.22	1.29	0.36	225.20	ppb
Cadmium	108-1	0.26	0.47	0.16	0.30	54.13	ppb
Calcium	43-1	494472.11	498373.26	508351.43	500398.93	1.43	ppb
Calcium	44-1	497471.71	496334.83	508120.85	500642.47	1.30	ppb
Chromium	52-2	45.53	45.79	49.44	46.92	4.66	ppb
Cobalt	59-2	12.39	12.59	12.94	12.64	2.23	ppb
Copper	63-2	4.21	4.17	4.56	4.31	4.99	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				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	242537.02	246413.20	261038.60	249996.27	3.90	ppb
Iron	57-2	243284.67	244808.09	261980.61	250024.46	4.15	ppb
Krypton	83-1	6619.14	-3045.94	4479.70	2684.30	189.12	ppb
Lead	206-1	1.04	1.06	1.01	1.04	2.63	ppb
Lead	207-1	0.98	1.05	0.98	1.00	4.02	ppb
Lead	208-1	1.01	1.03	1.00	1.01	1.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	482721.22	491550.09	525198.46	499823.26	4.48	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:22:02	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.79	12.09	12.56	12.48	2.85	ppb
Molybdenum	94-1	6.29	5.94	5.61	5.95	5.69	ppb
Molybdenum	95-1	7.75	7.69	7.78	7.74	0.63	ppb
Molybdenum	96-1	8.32	8.10	7.87	8.10	2.79	ppb
Molybdenum	97-1	7.61	7.77	7.35	7.58	2.79	ppb
Molybdenum	98-1	7.87	7.89	7.60	7.79	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.32	36.29	37.52	36.04	4.47	ppb
Phosphorus	31-2	-8.80	10.70	-8.80	-2.30		ppb
Potassium	39-2	241777.18	247361.72	263508.48	250882.46	4.50	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	0.00	4.47	0.00	1.49	173.21	ppb
Selenium	78-2	0.01	0.72	1.53	0.75	101.46	ppb
Selenium	82-1	-0.17	1.21	0.56	0.53	130.69	ppb
Silicon	28-1	29.08	29.39	32.21	30.22	5.70	ppb
Silver	109-1	0.12	0.12	0.12	0.12	1.30	ppb
Silver	107-1	0.10	0.11	0.11	0.10	8.15	ppb
Sodium	23-2	483283.95	489913.95	528100.83	500432.91	4.83	ppb
Strontium	86-1	4.59	4.54	4.69	4.60	1.69	ppb
Strontium	88-1	4.53	4.49	4.55	4.52	0.65	ppb
Sulfur	34-1	-647.33	-638.19	-388.96	-558.16		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.53	0.49	0.50	0.51	4.50	ppb
Thallium	205-1	0.53	0.51	0.47	0.51	6.77	ppb
Tin	118-1	1.21	1.26	1.25	1.24	1.84	ppb
Titanium	47-1	1.17	1.12	0.95	1.08	10.71	ppb
Uranium	238-1	0.18	0.18	0.16	0.17	6.60	ppb
Vanadium	51-2	0.62	0.61	0.47	0.57	14.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	11.75	11.99	13.22	12.32	6.41	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:22:02	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.22	0.22	0.22	2.40	ppb
Zirconium	91-1	0.20	0.20	0.21	0.20	3.16	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:04:15	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	471.96	510.97	509.64	497.52	4.45	ppb
Antimony	121-1	193.28	199.47	198.59	197.11	1.70	ppb
Arsenic	75-2	198.71	201.07	200.12	199.97	0.59	ppb
Barium	135-1	97.29	99.07	100.10	98.82	1.44	ppb
Barium	137-1	99.00	100.69	100.21	99.96	0.87	ppb
Beryllium	9-1	97.53	98.77	99.68	98.66	1.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	440.91	458.88	466.95	455.58	2.93	ppb
Boron	11-1	437.99	462.75	475.01	458.58	4.11	ppb
Cadmium	111-1	100.57	104.75	104.42	103.25	2.26	ppb
Cadmium	106-1	156.47	166.38	162.33	161.73	3.08	ppb
Cadmium	108-1	130.88	135.14	131.56	132.53	1.73	ppb
Calcium	43-1	2081.32	2082.78	2061.45	2075.18	0.57	ppb
Calcium	44-1	1947.81	1977.01	1980.88	1968.57	0.92	ppb
Chromium	52-2	89.79	96.62	94.29	93.57	3.71	ppb
Cobalt	59-2	91.06	96.21	94.56	93.94	2.80	ppb
Copper	63-2	91.43	96.49	94.64	94.18	2.72	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				104		%
Iron	56-2	928.31	979.19	955.36	954.29	2.67	ppb
Iron	57-2	906.03	969.12	939.36	938.17	3.36	ppb
Krypton	83-1	-3126.51	528.42	2720.63	40.85	7231.28	ppb
Lead	206-1	195.12	196.39	196.91	196.14	0.47	ppb
Lead	207-1	185.47	188.59	189.09	187.72	1.05	ppb
Lead	208-1	192.07	194.46	194.53	193.69	0.72	ppb
Lithium	6-1				107		%
Magnesium	24-2	1119.98	1181.64	1153.14	1151.59	2.68	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:04:15	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	92.95	95.76	95.47	94.73	1.63	ppb
Molybdenum	94-1	1023.09	1040.59	1051.63	1038.44	1.39	ppb
Molybdenum	95-1	465.85	477.48	474.75	472.69	1.29	ppb
Molybdenum	96-1	533.90	549.52	551.01	544.81	1.74	ppb
Molybdenum	97-1	449.75	459.84	462.17	457.25	1.44	ppb
Molybdenum	98-1	455.51	470.14	470.73	465.46	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.82	97.55	97.48	95.95	2.82	ppb
Phosphorus	31-2	-8.80	26.25	-8.80	2.89	701.05	ppb
Potassium	39-2	1827.63	1936.55	1874.99	1879.72	2.91	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	77-2	189.38	294.81	241.20	241.80	21.80	ppb
Selenium	78-2	228.27	195.17	208.72	210.72	7.90	ppb
Selenium	82-1	195.71	200.56	200.49	198.92	1.40	ppb
Silicon	28-1	496.39	492.78	496.18	495.12	0.41	ppb
Silver	109-1	100.22	103.21	103.20	102.21	1.69	ppb
Silver	107-1	100.85	104.26	104.22	103.11	1.90	ppb
Sodium	23-2	1825.45	1929.84	1917.83	1891.04	3.02	ppb
Strontium	86-1	457.94	469.33	471.28	466.18	1.54	ppb
Strontium	88-1	462.69	476.31	477.36	472.12	1.73	ppb
Sulfur	34-1	-706.89	-786.16	-725.30	-739.45		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	194.73	200.57	201.54	198.95	1.85	ppb
Thallium	205-1	196.16	199.29	200.76	198.73	1.18	ppb
Tin	118-1	468.95	488.98	484.51	480.81	2.19	ppb
Titanium	47-1	463.03	467.84	468.10	466.32	0.61	ppb
Uranium	238-1	449.80	456.77	459.64	455.40	1.11	ppb
Vanadium	51-2	92.45	97.74	93.41	94.53	2.98	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	183.70	190.03	187.41	187.05	1.70	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:04:15	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	460.44	470.24	473.48	468.05	1.45	ppb
Zirconium	91-1	454.21	463.59	471.31	463.04	1.85	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:22:05	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.02	15.23	13.24	16.17	21.55	ppb
Antimony	121-1	2.10	2.00	2.02	2.04	2.68	ppb
Arsenic	75-2	1.24	1.05	0.88	1.06	16.89	ppb
Barium	135-1	9.78	10.10	10.10	9.99	1.81	ppb
Barium	137-1	10.36	10.10	9.88	10.11	2.39	ppb
Beryllium	9-1	1.11	1.10	1.04	1.08	3.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	28.70	27.68	28.78	28.38	2.16	ppb
Boron	11-1	26.62	26.82	26.89	26.77	0.51	ppb
Cadmium	111-1	0.96	1.00	1.01	0.99	2.55	ppb
Cadmium	106-1	0.44	0.78	1.35	0.86	53.37	ppb
Cadmium	108-1	0.93	1.14	1.08	1.05	10.46	ppb
Calcium	43-1	487.05	482.70	456.92	475.56	3.42	ppb
Calcium	44-1	485.30	456.84	462.16	468.10	3.23	ppb
Chromium	52-2	2.03	1.80	2.21	2.01	10.17	ppb
Cobalt	59-2	0.93	0.85	1.01	0.93	8.77	ppb
Copper	63-2	1.86	1.89	1.89	1.88	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	48.71	46.90	50.18	48.59	3.37	ppb
Iron	57-2	43.73	46.73	47.77	46.08	4.55	ppb
Krypton	83-1	1281.10	-2165.37	-509.69	-464.65		ppb
Lead	206-1	1.07	1.00	1.01	1.03	3.41	ppb
Lead	207-1	1.04	0.98	1.01	1.01	2.86	ppb
Lead	208-1	1.07	0.98	1.00	1.01	4.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	457.08	465.36	521.10	481.18	7.24	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:22:05	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.87	0.89	1.03	0.93	9.39	ppb
Molybdenum	94-1	5.37	5.25	5.03	5.22	3.39	ppb
Molybdenum	95-1	4.89	4.71	4.92	4.84	2.35	ppb
Molybdenum	96-1	5.06	4.85	4.59	4.83	4.88	ppb
Molybdenum	97-1	5.24	4.73	4.88	4.95	5.28	ppb
Molybdenum	98-1	4.98	4.73	4.87	4.86	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.93	1.02	0.97	5.03	ppb
Phosphorus	31-2	57.88	-8.80	8.73	19.27	179.36	ppb
Potassium	39-2	504.50	468.30	553.82	508.87	8.44	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				114		%
Selenium	77-2	4.03	4.10	8.41	5.51	45.48	ppb
Selenium	78-2	7.01	3.22	4.65	4.96	38.64	ppb
Selenium	82-1	5.11	4.91	5.02	5.02	1.94	ppb
Silicon	28-1	17.21	11.75	12.30	13.75	21.85	ppb
Silver	109-1	1.01	1.03	1.05	1.03	1.71	ppb
Silver	107-1	1.07	1.02	1.02	1.04	2.90	ppb
Sodium	23-2	492.16	492.89	517.18	500.74	2.84	ppb
Strontium	86-1	1.05	0.94	1.05	1.01	6.36	ppb
Strontium	88-1	1.03	0.96	0.98	0.99	3.91	ppb
Sulfur	34-1	221.97	-616.15	-340.03	-244.74		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	1.07	0.94	0.97	0.99	6.92	ppb
Thallium	205-1	1.02	0.93	0.99	0.98	4.62	ppb
Tin	118-1	5.04	4.91	4.89	4.95	1.65	ppb
Titanium	47-1	4.95	4.85	4.65	4.81	3.13	ppb
Uranium	238-1	0.98	0.95	0.93	0.96	2.69	ppb
Vanadium	51-2	4.56	4.54	4.77	4.62	2.80	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	1.73	1.61	1.83	1.72	6.37	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:22:05	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.21	1.13	1.08	1.14	5.67	ppb
Zirconium	91-1	1.06	1.07	1.06	1.06	0.70	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:25:31 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.46	-1.72	-0.82	-1.33		ppb
Antimony	121-1	0.03	0.03	0.05	0.04	34.87	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	240.07	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.06	0.07	0.06	0.06	5.92	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	4.89	4.11	4.19	4.40	9.87	ppb
Boron	11-1	4.50	3.97	3.97	4.15	7.33	ppb
Cadmium	111-1	0.01	0.10	0.04	0.05	100.73	ppb
Cadmium	106-1	0.10	1.30	0.57	0.66	91.65	ppb
Cadmium	108-1	-0.03	0.00	0.10	0.03	273.35	ppb
Calcium	43-1	-2.22	-5.44	-1.98	-3.21		ppb
Calcium	44-1	-2.12	-1.88	-1.82	-1.94		ppb
Chromium	52-2	-0.09	-0.11	-0.14	-0.11		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.02	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	-0.02	-0.25	0.19	-0.03		ppb
Iron	57-2	0.36	-0.86	0.41	-0.03		ppb
Krypton	83-1	716.83	-1935.21	2884.82	555.48	434.59	ppb
Lead	206-1	0.01	0.02	0.02	0.02	28.73	ppb
Lead	207-1	0.01	0.01	0.00	0.01	39.96	ppb
Lead	208-1	0.01	0.01	0.01	0.01	13.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.78	-1.81	-0.52	0.15	1579.98	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:25:31	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	-0.03	-0.07	-0.06		ppb
Molybdenum	94-1	0.06	0.05	0.05	0.05	14.85	ppb
Molybdenum	95-1	0.01	0.04	0.03	0.03	69.81	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	34.09	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	35.52	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.02	38.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.02	-0.10	-0.08		ppb
Phosphorus	31-2	-8.80	-8.80	-8.80	-8.80		ppb
Potassium	39-2	2.74	14.15	8.27	8.39	68.02	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.06	-0.71	-0.06	-0.28		ppb
Selenium	82-1	-0.20	0.17	-0.11	-0.05		ppb
Silicon	28-1	-3.69	-2.60	-2.50	-2.93		ppb
Silver	109-1	0.00	0.00	0.00	0.00	102.84	ppb
Silver	107-1	0.00	0.00	0.00	0.00	87.85	ppb
Sodium	23-2	16.70	15.08	18.00	16.59	8.83	ppb
Strontium	86-1	-0.02	-0.04	0.00	-0.02		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-580.89	-455.87	-305.82	-447.53		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.02	0.01	17.82	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	3.14	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.02	-0.04	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.03	-0.02	-0.03		ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	-0.39	-0.54	-0.50	-0.48		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:25:31	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.04	0.04	2.74	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	6.40	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:28:57	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84197.60	87940.75	85292.97	85810.44	2.24	ppb
Antimony	121-1	1.06	1.14	1.11	1.10	3.83	ppb
Arsenic	75-2	0.20	0.35	0.41	0.32	32.67	ppb
Barium	135-1	1.46	1.42	1.64	1.51	7.97	ppb
Barium	137-1	1.51	1.53	1.54	1.53	1.19	ppb
Beryllium	9-1	0.31	0.35	0.30	0.32	8.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	5.87	5.03	5.06	5.32	8.98	ppb
Boron	11-1	5.19	4.95	5.00	5.05	2.58	ppb
Cadmium	111-1	0.29	0.38	0.45	0.37	22.00	ppb
Cadmium	106-1	0.46	0.09	0.50	0.35	65.47	ppb
Cadmium	108-1	8.74	8.29	7.75	8.26	6.01	ppb
Calcium	43-1	96088.62	94861.94	95129.70	95360.09	0.68	ppb
Calcium	44-1	95256.02	94083.13	93677.62	94338.93	0.87	ppb
Chromium	52-2	21.93	22.73	22.23	22.30	1.83	ppb
Cobalt	59-2	1.11	1.15	1.13	1.13	1.41	ppb
Copper	63-2	7.37	7.68	7.61	7.55	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	94729.70	98958.16	96385.11	96690.99	2.20	ppb
Iron	57-2	95403.55	100951.75	98258.67	98204.66	2.83	ppb
Krypton	83-1	754.75	-790.05	3469.82	1144.84	188.37	ppb
Lead	206-1	5.02	4.93	4.96	4.97	0.90	ppb
Lead	207-1	4.47	4.37	4.36	4.40	1.37	ppb
Lead	208-1	4.71	4.62	4.58	4.64	1.50	ppb
Lithium	6-1				98		%
Magnesium	24-2	94994.69	99461.65	96107.98	96854.77	2.40	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:28:57	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.98	8.74	7.55	8.09	7.44	ppb
Molybdenum	94-1	1354.47	1342.50	1330.50	1342.49	0.89	ppb
Molybdenum	95-1	1936.60	1914.84	1880.77	1910.74	1.47	ppb
Molybdenum	96-1	1859.77	1848.97	1819.46	1842.74	1.13	ppb
Molybdenum	97-1	1938.12	1917.10	1906.23	1920.48	0.84	ppb
Molybdenum	98-1	1928.01	1912.73	1884.34	1908.36	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.17	7.60	6.97	7.25	4.44	ppb
Phosphorus	31-2	99560.11	101600.22	100344.65	100501.66	1.02	ppb
Potassium	39-2	93524.91	96448.24	94680.37	94884.51	1.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.71	-0.71	-0.01	-0.47		ppb
Selenium	82-1	0.27	0.41	-0.56	0.04	1224.93	ppb
Silicon	28-1	29.32	27.09	26.86	27.76	4.91	ppb
Silver	109-1	0.05	0.05	0.05	0.05	8.76	ppb
Silver	107-1	0.03	0.05	0.06	0.05	29.37	ppb
Sodium	23-2	93195.94	96785.69	94248.09	94743.24	1.95	ppb
Strontium	86-1	32.84	32.90	32.24	32.66	1.11	ppb
Strontium	88-1	33.41	32.98	32.88	33.09	0.85	ppb
Sulfur	34-1	83049.13	79658.37	79922.37	80876.62	2.33	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.08	0.08	0.08	9.92	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	4.40	ppb
Tin	118-1	0.18	0.17	0.18	0.18	1.06	ppb
Titanium	47-1	2018.40	2014.97	1976.91	2003.43	1.15	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.43	ppb
Vanadium	51-2	0.16	0.15	0.11	0.14	20.25	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	11.47	10.87	11.57	11.30	3.36	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:28:57	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.48	0.40	0.34	0.41	17.23	ppb
Zirconium	91-1	0.45	0.38	0.34	0.39	13.27	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85686.01	81935.89	84910.40	84177.43	2.35	ppb
Antimony	121-1	20.28	21.30	20.87	20.82	2.45	ppb
Arsenic	75-2	19.62	19.60	20.24	19.82	1.83	ppb
Barium	135-1	20.92	22.24	21.50	21.56	3.07	ppb
Barium	137-1	21.12	22.13	21.57	21.61	2.33	ppb
Beryllium	9-1	20.51	21.45	20.63	20.86	2.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	4.98	4.76	5.42	5.06	6.62	ppb
Boron	11-1	4.13	4.48	4.37	4.32	4.19	ppb
Cadmium	111-1	19.21	20.14	19.69	19.68	2.36	ppb
Cadmium	106-1	14.94	16.96	16.41	16.10	6.47	ppb
Cadmium	108-1	26.02	26.73	24.85	25.87	3.67	ppb
Calcium	43-1	95831.63	97828.95	94979.35	96213.31	1.52	ppb
Calcium	44-1	93894.98	96606.88	93236.07	94579.31	1.89	ppb
Chromium	52-2	44.65	42.56	45.24	44.15	3.19	ppb
Cobalt	59-2	20.42	19.55	20.68	20.22	2.94	ppb
Copper	63-2	26.89	25.93	26.67	26.50	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	96555.40	91994.08	96442.55	94997.34	2.74	ppb
Iron	57-2	96356.35	93364.27	97174.95	95631.86	2.10	ppb
Krypton	83-1	3612.83	-524.97	1404.79	1497.55	138.26	ppb
Lead	206-1	25.37	26.05	25.26	25.56	1.68	ppb
Lead	207-1	23.23	23.82	23.26	23.44	1.41	ppb
Lead	208-1	23.86	24.55	23.84	24.08	1.69	ppb
Lithium	6-1				97		%
Magnesium	24-2	95187.91	91527.84	95897.68	94204.48	2.49	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.26	26.40	27.41	26.69	2.36	ppb
Molybdenum	94-1	1333.47	1366.68	1338.73	1346.29	1.33	ppb
Molybdenum	95-1	1903.43	1944.93	1907.51	1918.62	1.19	ppb
Molybdenum	96-1	1826.30	1872.09	1838.08	1845.49	1.29	ppb
Molybdenum	97-1	1886.43	1955.84	1910.42	1917.56	1.84	ppb
Molybdenum	98-1	1879.91	1970.37	1923.25	1924.51	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.73	27.62	28.12	27.82	0.94	ppb
Phosphorus	31-2	99285.59	99575.84	99533.64	99465.02	0.16	ppb
Potassium	39-2	95347.04	91734.34	93283.94	93455.11	1.94	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	21.73	21.51	17.50	20.24	11.77	ppb
Selenium	78-2	28.37	19.86	13.24	20.49	37.02	ppb
Selenium	82-1	18.72	21.06	19.94	19.91	5.88	ppb
Silicon	28-1	28.85	29.92	28.55	29.10	2.48	ppb
Silver	109-1	18.70	19.76	19.06	19.17	2.81	ppb
Silver	107-1	18.84	19.63	19.25	19.24	2.05	ppb
Sodium	23-2	94619.12	90968.59	93626.70	93071.47	2.03	ppb
Strontium	86-1	33.26	33.71	32.80	33.26	1.37	ppb
Strontium	88-1	33.12	34.25	33.06	33.47	2.01	ppb
Sulfur	34-1	79864.11	82163.62	79319.71	80449.15	1.88	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	20.20	20.67	19.87	20.25	1.99	ppb
Thallium	205-1	20.08	20.59	19.96	20.21	1.66	ppb
Tin	118-1	0.16	0.20	0.21	0.19	13.16	ppb
Titanium	47-1	2023.90	2056.76	1976.29	2018.98	2.00	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	20.05	ppb
Vanadium	51-2	19.84	18.71	19.24	19.27	2.93	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	30.87	29.11	30.47	30.15	3.07	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.22	0.19	0.21	10.18	ppb
Zirconium	91-1	0.24	0.25	0.22	0.24	6.12	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:35:36	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50633.65	50038.69	51948.01	50873.45	1.92	ppb
Antimony	121-1	491.41	506.25	512.49	503.38	2.15	ppb
Arsenic	75-2	522.37	521.33	534.20	525.97	1.36	ppb
Barium	135-1	2510.03	2543.42	2606.88	2553.44	1.93	ppb
Barium	137-1	2522.41	2549.77	2582.74	2551.64	1.18	ppb
Beryllium	9-1	515.17	525.02	523.10	521.10	1.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	510.40	521.35	537.64	523.13	2.62	ppb
Boron	11-1	500.26	529.41	534.72	521.46	3.56	ppb
Cadmium	111-1	485.55	493.40	500.82	493.26	1.55	ppb
Cadmium	106-1	488.28	496.10	515.83	500.07	2.84	ppb
Cadmium	108-1	499.62	500.24	505.61	501.82	0.66	ppb
Calcium	43-1	234943.27	242929.37	241248.79	239707.14	1.76	ppb
Calcium	44-1	235924.81	242794.20	240337.79	239685.60	1.45	ppb
Chromium	52-2	525.43	518.14	538.76	527.44	1.98	ppb
Cobalt	59-2	488.37	480.68	504.35	491.13	2.46	ppb
Copper	63-2	965.76	943.40	980.29	963.15	1.93	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				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	122827.71	121295.62	127059.80	123727.71	2.41	ppb
Iron	57-2	125010.91	124260.75	128129.73	125800.46	1.63	ppb
Krypton	83-1	3594.00	1418.88	1722.38	2245.09	52.47	ppb
Lead	206-1	499.66	516.86	517.05	511.19	1.95	ppb
Lead	207-1	499.54	514.80	515.23	509.86	1.75	ppb
Lead	208-1	495.54	510.32	513.67	506.51	1.90	ppb
Lithium	6-1				99		%
Magnesium	24-2	243432.93	240086.90	249296.76	244272.20	1.91	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:35:36	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.57	1001.87	1044.30	1017.91	2.26	ppb
Molybdenum	94-1	2484.67	2534.70	2532.55	2517.31	1.12	ppb
Molybdenum	95-1	2452.92	2510.52	2547.29	2503.58	1.90	ppb
Molybdenum	96-1	2452.04	2520.29	2537.09	2503.14	1.80	ppb
Molybdenum	97-1	2468.82	2510.03	2548.39	2509.08	1.59	ppb
Molybdenum	98-1	2462.27	2528.02	2542.08	2510.79	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.97	494.30	517.50	503.59	2.44	ppb
Phosphorus	31-2	10455.47	11055.40	10752.61	10754.49	2.79	ppb
Potassium	39-2	124811.67	122757.49	127013.02	124860.73	1.70	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	490.29	559.74	607.62	552.55	10.68	ppb
Selenium	78-2	487.65	509.43	524.77	507.28	3.68	ppb
Selenium	82-1	485.82	493.50	501.27	493.53	1.57	ppb
Silicon	28-1	528.08	553.90	541.34	541.11	2.39	ppb
Silver	109-1	501.13	505.57	507.65	504.78	0.66	ppb
Silver	107-1	498.68	504.64	507.39	503.57	0.88	ppb
Sodium	23-2	242040.46	237926.38	249354.42	243107.09	2.38	ppb
Strontium	86-1	495.50	503.11	509.93	502.85	1.44	ppb
Strontium	88-1	496.67	506.25	507.36	503.43	1.17	ppb
Sulfur	34-1	8521.54	8958.33	8966.45	8815.44	2.89	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	499.66	511.50	516.68	509.28	1.71	ppb
Thallium	205-1	494.83	508.88	512.56	505.42	1.85	ppb
Tin	118-1	501.81	507.07	510.57	506.48	0.87	ppb
Titanium	47-1	2524.04	2585.47	2567.05	2558.85	1.23	ppb
Uranium	238-1	497.12	519.62	516.10	510.95	2.37	ppb
Vanadium	51-2	509.90	503.20	523.28	512.13	2.00	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	962.34	952.03	1003.63	972.67	2.81	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:35:36	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.31	511.02	509.82	507.39	1.04	ppb
Zirconium	91-1	500.54	514.71	517.99	511.08	1.81	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : CCB77 Instrumnet Name : P8
 Client Sample ID : CCB77 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:47:50 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.73	-0.08	0.74	0.46	101.23	ppb
Antimony	121-1	0.15	0.22	0.20	0.19	19.73	ppb
Arsenic	75-2	0.07	0.03	0.07	0.05	36.98	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	699.41	ppb
Barium	137-1	0.00	-0.02	0.00	0.00		ppb
Beryllium	9-1	0.02	0.06	0.07	0.05	49.38	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	3.19	3.02	4.92	3.71	28.39	ppb
Boron	11-1	3.53	3.79	3.86	3.73	4.62	ppb
Cadmium	111-1	-0.03	0.01	0.01	0.00		ppb
Cadmium	106-1	-0.46	0.03	0.16	-0.09		ppb
Cadmium	108-1	0.02	0.00	0.02	0.02	95.25	ppb
Calcium	43-1	-1.44	-2.18	0.29	-1.11		ppb
Calcium	44-1	0.31	-0.48	-1.12	-0.43		ppb
Chromium	52-2	-0.11	-0.05	-0.06	-0.07		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	0.00	0.03	0.00	0.01	145.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	0.86	0.75	1.40	1.00	34.55	ppb
Iron	57-2	-0.06	1.55	1.02	0.83	98.33	ppb
Krypton	83-1	1107.99	-3496.78	-3078.42	-1822.40		ppb
Lead	206-1	0.05	0.06	0.06	0.05	12.09	ppb
Lead	207-1	0.04	0.04	0.06	0.05	28.20	ppb
Lead	208-1	0.05	0.04	0.05	0.05	9.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	7.06	4.35	3.93	5.11	33.25	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:47:50	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.05	-0.07	-0.05		ppb
Molybdenum	94-1	0.18	0.17	0.17	0.18	4.74	ppb
Molybdenum	95-1	0.13	0.16	0.17	0.15	12.04	ppb
Molybdenum	96-1	0.17	0.12	0.15	0.15	16.83	ppb
Molybdenum	97-1	0.14	0.12	0.16	0.14	15.14	ppb
Molybdenum	98-1	0.16	0.13	0.15	0.15	10.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.08	-0.06	-0.06		ppb
Phosphorus	31-2	9.88	8.96	-8.80	3.35	314.38	ppb
Potassium	39-2	46.99	7.94	24.17	26.36	74.42	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	0.00	4.15	0.00	1.38	173.21	ppb
Selenium	78-2	-0.71	-0.71	-0.71	-0.71		ppb
Selenium	82-1	-0.13	0.33	0.26	0.15	159.34	ppb
Silicon	28-1	-4.85	-5.24	-5.53	-5.21		ppb
Silver	109-1	0.01	0.01	0.01	0.01	47.16	ppb
Silver	107-1	0.02	0.02	0.01	0.02	25.40	ppb
Sodium	23-2	42.06	38.89	42.60	41.18	4.87	ppb
Strontium	86-1	-0.02	-0.02	-0.03	-0.02		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-869.20	-1062.80	-1053.33	-995.11		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.05	0.05	0.06	17.74	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	13.37	ppb
Tin	118-1	-0.02	0.02	0.01	0.00	671.05	ppb
Titanium	47-1	0.07	0.07	0.01	0.05	68.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.02	-0.03	-0.02		ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	-0.31	-0.60	-0.11	-0.34		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:47:50	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.05	0.04	12.34	ppb
Zirconium	91-1	0.06	0.04	0.04	0.05	28.48	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:51:15	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.75	16.57	18.61	18.98	13.73	ppb
Antimony	121-1	2.06	2.13	2.05	2.08	2.16	ppb
Arsenic	75-2	1.32	1.21	0.80	1.11	24.77	ppb
Barium	135-1	10.05	9.85	10.14	10.01	1.49	ppb
Barium	137-1	10.12	10.19	10.11	10.14	0.45	ppb
Beryllium	9-1	1.10	1.09	1.04	1.08	2.72	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	25.15	26.19	28.42	26.59	6.27	ppb
Boron	11-1	26.59	25.80	27.90	26.77	3.96	ppb
Cadmium	111-1	0.99	1.12	1.07	1.06	6.32	ppb
Cadmium	106-1	0.59	1.48	1.54	1.20	44.47	ppb
Cadmium	108-1	1.14	1.03	0.99	1.06	7.65	ppb
Calcium	43-1	497.36	468.93	453.91	473.40	4.66	ppb
Calcium	44-1	490.14	479.20	463.26	477.53	2.83	ppb
Chromium	52-2	2.07	2.10	2.03	2.07	1.58	ppb
Cobalt	59-2	0.94	0.94	1.00	0.96	3.55	ppb
Copper	63-2	1.91	2.12	2.01	2.01	5.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	50.12	51.51	51.49	51.04	1.55	ppb
Iron	57-2	48.24	55.47	49.30	51.00	7.65	ppb
Krypton	83-1	153.48	1305.45	646.16	701.70	82.37	ppb
Lead	206-1	1.10	1.02	1.01	1.04	4.69	ppb
Lead	207-1	1.07	1.04	1.00	1.04	3.16	ppb
Lead	208-1	1.04	1.03	1.00	1.02	2.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	474.39	503.48	521.94	499.94	4.79	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:51:15	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	1.05	1.00	0.97	9.11	ppb
Molybdenum	94-1	5.16	4.99	5.09	5.08	1.68	ppb
Molybdenum	95-1	5.08	5.07	4.87	5.01	2.32	ppb
Molybdenum	96-1	5.07	5.02	4.94	5.01	1.30	ppb
Molybdenum	97-1	5.00	5.31	4.76	5.02	5.45	ppb
Molybdenum	98-1	5.10	5.08	5.03	5.07	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	1.05	1.01	0.98	9.66	ppb
Phosphorus	31-2	-8.80	-8.80	-8.80	-8.80		ppb
Potassium	39-2	533.03	491.21	501.16	508.47	4.30	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	4.24	0.00	0.00	1.41	173.21	ppb
Selenium	78-2	6.73	7.55	11.32	8.53	28.70	ppb
Selenium	82-1	5.30	4.61	4.81	4.91	7.15	ppb
Silicon	28-1	13.50	11.39	10.20	11.70	14.32	ppb
Silver	109-1	1.09	1.12	1.05	1.09	3.09	ppb
Silver	107-1	1.06	1.07	1.10	1.08	2.00	ppb
Sodium	23-2	549.39	516.70	537.19	534.43	3.09	ppb
Strontium	86-1	1.06	0.90	0.87	0.94	10.66	ppb
Strontium	88-1	1.01	1.02	1.02	1.02	0.67	ppb
Sulfur	34-1	-935.11	-1055.91	-1289.90	-1093.64		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1.03	1.09	0.98	1.04	5.31	ppb
Thallium	205-1	1.06	1.04	1.03	1.04	1.32	ppb
Tin	118-1	5.07	4.91	5.13	5.03	2.28	ppb
Titanium	47-1	4.77	5.07	4.90	4.91	3.07	ppb
Uranium	238-1	0.97	0.97	0.94	0.96	1.62	ppb
Vanadium	51-2	4.67	4.99	5.46	5.04	7.85	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	1.82	2.04	1.93	1.93	5.74	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:51:15	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.12	1.06	1.03	1.07	4.45	ppb
Zirconium	91-1	1.07	1.02	1.00	1.03	3.45	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BL	Instrumnet Name :	P8
Client Sample ID :	PB113511BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:55:03	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-0.36	1.34	0.19	534.81	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	5.06	ppb
Arsenic	75-2	0.05	0.05	-0.02	0.03	143.64	ppb
Barium	135-1	-0.01	-0.02	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.08	0.02	0.06	0.05	56.03	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	3.40	3.73	3.95	3.69	7.52	ppb
Boron	11-1	3.40	3.53	3.67	3.53	3.73	ppb
Cadmium	111-1	0.01	0.00	0.00	0.00	65.96	ppb
Cadmium	106-1	0.12	0.01	-0.01	0.04	168.00	ppb
Cadmium	108-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	-3.13	-0.83	-7.68	-3.88		ppb
Calcium	44-1	-1.99	-0.41	-0.67	-1.02		ppb
Chromium	52-2	-0.07	-0.10	-0.10	-0.09		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.00	-0.01	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	0.10	0.12	0.16	0.13	25.55	ppb
Iron	57-2	1.86	0.22	2.02	1.37	72.66	ppb
Krypton	83-1	-3134.05	104.88	-896.37	-1308.51		ppb
Lead	206-1	0.05	0.03	0.03	0.03	38.92	ppb
Lead	207-1	0.03	0.03	0.04	0.03	21.01	ppb
Lead	208-1	0.03	0.03	0.03	0.03	15.45	ppb
Lithium	6-1				105		%
Magnesium	24-2	3.77	3.28	2.44	3.16	21.34	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BL	Instrumnet Name :	P8
Client Sample ID :	PB113511BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:55:03	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.01	-0.04	-0.05		ppb
Molybdenum	94-1	0.09	0.07	0.08	0.08	12.49	ppb
Molybdenum	95-1	0.06	0.04	0.06	0.05	15.31	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.04	15.27	ppb
Molybdenum	97-1	0.06	0.07	0.04	0.06	21.49	ppb
Molybdenum	98-1	0.03	0.05	0.05	0.04	34.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.02	0.02	69.93	ppb
Phosphorus	31-2	-8.80	-8.80	9.58	-2.67		ppb
Potassium	39-2	18.79	25.61	24.16	22.86	15.72	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	4.30	1.43	173.21	ppb
Selenium	78-2	0.65	-0.04	-0.71	-0.03		ppb
Selenium	82-1	0.43	-0.02	-0.02	0.13	200.22	ppb
Silicon	28-1	-6.33	-3.73	-4.85	-4.97		ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.31	ppb
Silver	107-1	0.01	0.00	0.00	0.01	57.47	ppb
Sodium	23-2	34.23	36.34	35.66	35.41	3.05	ppb
Strontium	86-1	-0.08	0.00	-0.06	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1310.38	-707.95	-1055.39	-1024.57		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.03	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.98	ppb
Tin	118-1	-0.03	0.00	0.00	-0.01		ppb
Titanium	47-1	-0.01	0.00	0.03	0.01	315.17	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.03	-0.02	-0.02		ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	-0.45	-0.39	-0.43	-0.42		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BL	Instrumnet Name :	P8
Client Sample ID :	PB113511BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:55:03	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.04	0.03	0.03	23.74	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	34.39	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BS	Instrumnet Name :	P8
Client Sample ID :	PB113511BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:58:28	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.76	43.12	34.30	38.06	11.96	ppb
Antimony	121-1	3.32	3.52	3.31	3.38	3.62	ppb
Arsenic	75-2	1.82	2.04	1.71	1.86	8.94	ppb
Barium	135-1	6.86	6.68	6.52	6.68	2.52	ppb
Barium	137-1	6.62	6.72	6.39	6.58	2.62	ppb
Beryllium	9-1	1.27	1.12	1.17	1.19	6.47	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	47.77	49.79	49.76	49.10	2.36	ppb
Boron	11-1	47.63	48.81	47.71	48.05	1.37	ppb
Cadmium	111-1	1.53	1.49	1.55	1.52	2.02	ppb
Cadmium	106-1	2.16	1.87	2.77	2.27	20.21	ppb
Cadmium	108-1	1.91	1.34	1.41	1.55	19.83	ppb
Calcium	43-1	898.21	941.65	907.73	915.86	2.49	ppb
Calcium	44-1	902.39	928.49	903.64	911.51	1.62	ppb
Chromium	52-2	3.67	3.76	4.04	3.82	5.10	ppb
Cobalt	59-2	1.87	1.88	1.93	1.90	1.69	ppb
Copper	63-2	3.69	3.78	3.72	3.73	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				105		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	367.69	369.95	372.91	370.18	0.71	ppb
Iron	57-2	367.08	371.85	353.69	364.21	2.58	ppb
Krypton	83-1	-722.94	3558.61	1670.62	1502.09	142.85	ppb
Lead	206-1	1.88	1.94	1.79	1.87	4.08	ppb
Lead	207-1	1.83	1.87	1.75	1.82	3.36	ppb
Lead	208-1	1.86	1.86	1.77	1.83	2.94	ppb
Lithium	6-1				103		%
Magnesium	24-2	933.41	944.75	960.89	946.35	1.46	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BS	Instrumnet Name :	P8
Client Sample ID :	PB113511BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:58:28	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.84	1.80	1.92	1.85	3.19	ppb
Molybdenum	94-1	9.57	9.65	9.29	9.50	1.98	ppb
Molybdenum	95-1	9.73	10.03	9.34	9.70	3.58	ppb
Molybdenum	96-1	9.69	9.81	9.62	9.71	1.02	ppb
Molybdenum	97-1	9.58	9.62	9.51	9.57	0.59	ppb
Molybdenum	98-1	9.67	10.07	9.66	9.80	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	2.00	1.86	1.85	7.86	ppb
Phosphorus	31-2	-8.80	-8.80	-8.80	-8.80		ppb
Potassium	39-2	924.56	975.42	942.91	947.63	2.72	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	8.22	12.58	12.47	11.09	22.43	ppb
Selenium	78-2	7.80	9.32	8.57	8.56	8.87	ppb
Selenium	82-1	10.14	9.75	9.43	9.77	3.64	ppb
Silicon	28-1	16.76	18.24	47.31	27.44	62.79	ppb
Silver	109-1	0.44	0.47	0.44	0.45	3.50	ppb
Silver	107-1	0.48	0.46	0.43	0.46	6.02	ppb
Sodium	23-2	935.65	968.94	987.50	964.03	2.73	ppb
Strontium	86-1	1.70	1.69	1.76	1.72	1.99	ppb
Strontium	88-1	1.90	1.88	1.77	1.85	3.93	ppb
Sulfur	34-1	-801.11	-533.27	-1067.80	-800.73		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.89	1.93	1.81	1.88	3.31	ppb
Thallium	205-1	1.82	1.89	1.73	1.81	4.45	ppb
Tin	118-1	9.98	10.02	9.57	9.86	2.54	ppb
Titanium	47-1	10.07	9.86	10.09	10.01	1.26	ppb
Uranium	238-1	1.73	1.73	1.73	1.73	0.13	ppb
Vanadium	51-2	10.19	9.61	9.45	9.75	3.96	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	4.02	3.40	3.18	3.53	12.30	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BS	Instrumnet Name :	P8
Client Sample ID :	PB113511BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:58:28	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.82	1.84	1.77	1.81	1.85	ppb
Zirconium	91-1	1.76	1.82	1.85	1.81	2.64	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : PB113510BL Instrumnet Name : P8
 Client Sample ID : PB113510BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 16:01:53 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.37	-1.04	-0.42	-0.94		ppb
Antimony	121-1	0.07	0.07	0.09	0.08	14.18	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.10	0.03	0.00	0.04	124.26	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	3.93	3.96	3.45	3.78	7.62	ppb
Boron	11-1	4.44	3.99	3.98	4.14	6.42	ppb
Cadmium	111-1	-0.02	0.04	-0.02	0.00	9338.55	ppb
Cadmium	106-1	-0.30	0.55	-0.14	0.04	1271.48	ppb
Cadmium	108-1	-0.03	0.02	0.05	0.02	248.49	ppb
Calcium	43-1	-1.21	-4.93	-7.76	-4.63		ppb
Calcium	44-1	1.00	0.89	-2.27	-0.13		ppb
Chromium	52-2	-0.09	-0.11	-0.16	-0.12		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	-0.03	0.01	0.02	0.00	2527.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	0.21	0.05	-0.02	0.08	153.51	ppb
Iron	57-2	0.87	1.22	1.52	1.20	26.69	ppb
Krypton	83-1	217.86	-467.74	-5078.29	-1776.06		ppb
Lead	206-1	0.02	0.01	0.03	0.02	35.07	ppb
Lead	207-1	0.02	0.03	0.02	0.02	42.58	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	5.12	3.39	3.98	4.16	21.02	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BL	Instrumnet Name :	P8
Client Sample ID :	PB113510BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:01:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.07	-0.10	-0.09	-0.08		ppb
Molybdenum	94-1	0.08	0.05	0.08	0.07	20.06	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	40.29	ppb
Molybdenum	96-1	0.04	0.04	0.02	0.03	34.02	ppb
Molybdenum	97-1	0.02	0.04	0.03	0.03	41.11	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	34.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.11	0.02	-0.05		ppb
Phosphorus	31-2	-8.80	-8.80	26.41	2.94	691.91	ppb
Potassium	39-2	13.68	44.34	15.65	24.56	69.89	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	8.44	0.00	4.18	4.21	100.35	ppb
Selenium	78-2	-0.71	0.63	0.63	0.18	422.28	ppb
Selenium	82-1	-0.14	0.19	0.62	0.23	168.26	ppb
Silicon	28-1	-3.64	-3.87	-5.80	-4.43		ppb
Silver	109-1	0.00	0.01	0.00	0.00	18.60	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.27	ppb
Sodium	23-2	24.84	31.30	28.24	28.13	11.48	ppb
Strontium	86-1	-0.08	-0.09	-0.05	-0.07		ppb
Strontium	88-1	-0.01	-0.01	0.00	-0.01		ppb
Sulfur	34-1	-439.52	-556.20	-891.85	-629.19		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.03	0.03	0.03	11.68	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	10.78	ppb
Tin	118-1	0.02	0.01	-0.03	0.00	3722.46	ppb
Titanium	47-1	0.03	-0.02	0.01	0.01	408.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.03	-0.03	-0.03		ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	-0.42	-0.24	-0.20	-0.29		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BL	Instrumnet Name :	P8
Client Sample ID :	PB113510BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:01:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	12.96	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	57.68	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BS	Instrumnet Name :	P8
Client Sample ID :	PB113510BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:05:18	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.29	37.05	36.15	36.17	2.43	ppb
Antimony	121-1	3.32	3.51	3.49	3.44	3.04	ppb
Arsenic	75-2	1.81	1.90	1.91	1.87	2.95	ppb
Barium	135-1	6.39	6.64	6.82	6.62	3.24	ppb
Barium	137-1	6.53	6.65	6.89	6.69	2.70	ppb
Beryllium	9-1	1.19	1.27	1.12	1.19	6.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	44.30	51.53	49.72	48.52	7.75	ppb
Boron	11-1	45.78	49.44	48.87	48.03	4.10	ppb
Cadmium	111-1	1.54	1.55	1.57	1.55	1.01	ppb
Cadmium	106-1	1.55	1.30	2.34	1.73	31.41	ppb
Cadmium	108-1	1.80	1.49	1.63	1.64	9.50	ppb
Calcium	43-1	888.88	890.77	908.84	896.16	1.23	ppb
Calcium	44-1	888.80	917.91	914.70	907.14	1.76	ppb
Chromium	52-2	3.87	4.12	3.83	3.94	4.05	ppb
Cobalt	59-2	1.83	1.73	1.76	1.78	2.92	ppb
Copper	63-2	3.91	3.72	3.44	3.69	6.36	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				104		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	376.92	372.06	363.94	370.97	1.77	ppb
Iron	57-2	366.11	368.18	363.73	366.01	0.61	ppb
Krypton	83-1	-1892.56	3631.36	-3126.30	-462.50		ppb
Lead	206-1	1.81	1.86	1.88	1.85	1.75	ppb
Lead	207-1	1.69	1.80	1.78	1.76	3.58	ppb
Lead	208-1	1.75	1.82	1.85	1.81	2.86	ppb
Lithium	6-1				104		%
Magnesium	24-2	945.65	931.55	985.34	954.18	2.92	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BS	Instrumnet Name :	P8
Client Sample ID :	PB113510BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:05:18	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.60	1.71	1.98	1.77	11.14	ppb
Molybdenum	94-1	9.67	9.55	9.73	9.65	0.93	ppb
Molybdenum	95-1	9.74	9.93	9.75	9.80	1.14	ppb
Molybdenum	96-1	9.53	9.70	9.64	9.62	0.88	ppb
Molybdenum	97-1	9.33	9.74	9.74	9.60	2.48	ppb
Molybdenum	98-1	9.52	10.07	9.69	9.76	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.12	2.02	2.12	4.64	ppb
Phosphorus	31-2	9.08	-8.80	-8.80	-2.84		ppb
Potassium	39-2	967.43	933.43	908.32	936.39	3.17	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	77-2	8.32	4.17	4.13	5.54	43.48	ppb
Selenium	78-2	7.91	6.61	8.52	7.68	12.72	ppb
Selenium	82-1	10.07	9.49	10.22	9.93	3.87	ppb
Silicon	28-1	16.03	18.91	17.07	17.34	8.40	ppb
Silver	109-1	0.45	0.44	0.47	0.46	3.02	ppb
Silver	107-1	0.47	0.45	0.42	0.45	6.52	ppb
Sodium	23-2	991.72	968.53	914.17	958.14	4.15	ppb
Strontium	86-1	1.78	1.75	1.71	1.75	1.83	ppb
Strontium	88-1	1.81	1.88	1.83	1.84	1.91	ppb
Sulfur	34-1	-898.75	-592.18	-682.85	-724.59		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	1.76	1.80	1.76	1.77	1.31	ppb
Thallium	205-1	1.78	1.84	1.85	1.82	2.05	ppb
Tin	118-1	9.73	10.05	9.97	9.92	1.68	ppb
Titanium	47-1	9.44	10.04	10.29	9.92	4.42	ppb
Uranium	238-1	1.66	1.78	1.70	1.71	3.46	ppb
Vanadium	51-2	10.15	9.83	9.31	9.76	4.36	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	3.57	3.14	3.29	3.33	6.54	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BS	Instrumnet Name :	P8
Client Sample ID :	PB113510BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:05:18	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.81	1.81	1.84	1.82	1.06	ppb
Zirconium	91-1	1.75	1.83	1.72	1.77	3.08	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : PB113534BL Instrumnet Name : P8
 Client Sample ID : PB113534BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 16:08:43 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.68	-1.13	-1.71	-1.50		ppb
Antimony	121-1	0.10	0.08	0.05	0.08	30.11	ppb
Arsenic	75-2	0.00	0.01	0.03	0.01	110.99	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	200.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	4.21	4.11	4.66	4.33	6.79	ppb
Boron	11-1	4.56	4.02	3.90	4.16	8.38	ppb
Cadmium	111-1	-0.01	0.00	-0.01	0.00		ppb
Cadmium	106-1	-0.12	0.04	-0.11	-0.07		ppb
Cadmium	108-1	0.02	-0.03	0.00	0.00		ppb
Calcium	43-1	-5.85	-2.68	3.07	-1.82		ppb
Calcium	44-1	-1.61	-1.72	-0.32	-1.22		ppb
Chromium	52-2	-0.11	-0.09	-0.13	-0.11		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.01	-0.03	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	-0.16	-0.34	-0.37	-0.29		ppb
Iron	57-2	0.21	0.74	0.48	0.48	54.76	ppb
Krypton	83-1	-3215.11	-2576.86	1137.27	-1551.56		ppb
Lead	206-1	0.00	0.01	0.02	0.01	107.64	ppb
Lead	207-1	0.01	0.02	0.02	0.02	55.50	ppb
Lead	208-1	0.01	0.01	0.02	0.01	34.40	ppb
Lithium	6-1				105		%
Magnesium	24-2	5.74	-0.52	0.69	1.97	168.24	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BL	Instrumnet Name :	P8
Client Sample ID :	PB113534BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:08:43	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.11	-0.08	-0.07		ppb
Molybdenum	94-1	0.06	0.07	0.05	0.06	16.85	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	21.24	ppb
Molybdenum	96-1	0.01	0.05	0.05	0.04	58.78	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	14.01	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	14.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.04	-0.16	-0.12		ppb
Phosphorus	31-2	9.16	-8.80	-8.80	-2.81		ppb
Potassium	39-2	3.95	-2.96	-14.93	-4.65		ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.26	-0.06	0.61	0.61	109.31	ppb
Selenium	82-1	0.25	0.39	-0.26	0.12	274.50	ppb
Silicon	28-1	-5.59	-4.31	-3.32	-4.41		ppb
Silver	109-1	0.00	0.00	0.01	0.00	60.64	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.84	ppb
Sodium	23-2	38.27	22.97	25.42	28.89	28.45	ppb
Strontium	86-1	-0.04	0.01	-0.08	-0.04		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-784.32	-696.98	-577.02	-686.11		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.63	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	15.13	ppb
Tin	118-1	0.03	0.00	-0.01	0.01	401.06	ppb
Titanium	47-1	-0.01	0.05	0.08	0.04	104.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.03	-0.03	-0.03	-0.03		ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	-0.35	-0.63	-0.40	-0.46		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BL	Instrumnet Name :	P8
Client Sample ID :	PB113534BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:08:43	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	23.82	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	16.99	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BS	Instrumnet Name :	P8
Client Sample ID :	PB113534BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:12:09	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.33	35.12	34.80	33.75	6.22	ppb
Antimony	121-1	4.13	3.97	3.87	3.99	3.31	ppb
Arsenic	75-2	1.80	2.28	1.96	2.01	12.16	ppb
Barium	135-1	20.33	20.17	19.63	20.04	1.83	ppb
Barium	137-1	20.46	20.37	19.66	20.16	2.18	ppb
Beryllium	9-1	2.10	2.50	2.04	2.21	11.20	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	46.48	50.90	55.27	50.88	8.64	ppb
Boron	11-1	49.94	50.64	50.17	50.25	0.71	ppb
Cadmium	111-1	2.05	2.01	1.96	2.01	2.39	ppb
Cadmium	106-1	2.35	1.86	2.31	2.17	12.58	ppb
Cadmium	108-1	2.33	2.03	2.18	2.18	6.92	ppb
Calcium	43-1	1013.58	934.65	938.70	962.31	4.62	ppb
Calcium	44-1	975.46	957.98	936.25	956.56	2.05	ppb
Chromium	52-2	4.27	4.21	4.24	4.24	0.73	ppb
Cobalt	59-2	1.91	1.98	2.01	1.96	2.56	ppb
Copper	63-2	3.93	3.90	4.14	3.99	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	359.99	348.24	356.12	354.78	1.69	ppb
Iron	57-2	358.51	365.43	341.41	355.12	3.48	ppb
Krypton	83-1	2034.02	2360.75	-730.48	1221.43	139.04	ppb
Lead	206-1	2.14	2.08	2.04	2.09	2.35	ppb
Lead	207-1	2.00	1.94	1.93	1.96	1.84	ppb
Lead	208-1	2.07	2.02	1.96	2.02	2.91	ppb
Lithium	6-1				105		%
Magnesium	24-2	1005.11	966.10	1007.05	992.75	2.33	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BS	Instrumnet Name :	P8
Client Sample ID :	PB113534BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:12:09	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.95	2.00	1.94	1.96	1.59	ppb
Molybdenum	94-1	9.99	9.94	9.50	9.81	2.73	ppb
Molybdenum	95-1	9.97	9.79	9.92	9.89	0.94	ppb
Molybdenum	96-1	9.85	9.95	10.22	10.01	1.92	ppb
Molybdenum	97-1	10.45	9.59	9.57	9.87	5.13	ppb
Molybdenum	98-1	10.05	9.92	9.92	9.96	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.31	2.03	2.02	2.12	7.92	ppb
Phosphorus	31-2	8.71	8.27	-8.80	2.73	365.99	ppb
Potassium	39-2	981.28	1023.13	1008.19	1004.20	2.11	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	77-2	16.51	20.50	16.67	17.89	12.63	ppb
Selenium	78-2	11.80	4.52	14.57	10.30	50.42	ppb
Selenium	82-1	10.33	10.74	9.75	10.27	4.83	ppb
Silicon	28-1	31.16	28.47	25.74	28.46	9.51	ppb
Silver	109-1	2.11	2.09	2.11	2.10	0.56	ppb
Silver	107-1	2.12	2.22	2.11	2.15	2.77	ppb
Sodium	23-2	1018.51	996.16	1017.45	1010.71	1.25	ppb
Strontium	86-1	2.06	2.08	1.93	2.02	3.96	ppb
Strontium	88-1	2.04	2.04	1.94	2.01	2.81	ppb
Sulfur	34-1	-216.02	-670.56	-935.43	-607.34		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	2.12	2.04	2.00	2.05	3.12	ppb
Thallium	205-1	2.05	1.94	1.98	1.99	3.00	ppb
Tin	118-1	10.29	9.86	9.72	9.96	2.98	ppb
Titanium	47-1	10.59	10.65	10.14	10.46	2.68	ppb
Uranium	238-1	2.00	1.95	1.93	1.96	1.76	ppb
Vanadium	51-2	9.96	9.30	9.53	9.60	3.47	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	4.01	3.74	4.01	3.92	3.91	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BS	Instrumnet Name :	P8
Client Sample ID :	PB113534BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:12:09	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.06	2.13	2.07	2.09	1.72	ppb
Zirconium	91-1	2.07	2.13	2.07	2.09	1.76	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : PB113255BL Instrumnet Name : P8
 Client Sample ID : PB113255BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 16:15:34 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	2.13	2.39	1.66	62.56	ppb
Antimony	121-1	0.02	0.01	0.03	0.02	42.27	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.02	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.02	0.02	0.03	0.03	23.25	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	5.01	5.69	3.72	4.81	20.90	ppb
Boron	11-1	4.30	5.01	4.08	4.47	10.92	ppb
Cadmium	111-1	-0.03	0.01	0.05	0.01	440.00	ppb
Cadmium	106-1	-0.39	0.21	0.71	0.18	314.46	ppb
Cadmium	108-1	0.07	0.00	0.05	0.04	92.57	ppb
Calcium	43-1	7.20	0.57	1.67	3.15	112.82	ppb
Calcium	44-1	-0.46	2.42	0.24	0.73	205.52	ppb
Chromium	52-2	-0.07	-0.08	-0.06	-0.07		ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.02	0.04	0.00	0.00	884.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	0.01	-0.04	0.28	0.08	206.43	ppb
Iron	57-2	1.12	-0.17	2.14	1.03	112.03	ppb
Krypton	83-1	-2146.14	316.91	565.76	-421.16		ppb
Lead	206-1	0.02	0.02	0.01	0.02	28.70	ppb
Lead	207-1	0.02	0.01	0.02	0.02	33.47	ppb
Lead	208-1	0.02	0.01	0.01	0.01	42.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.33	1.51	0.19	1.01	71.30	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BL	Instrumnet Name :	P8
Client Sample ID :	PB113255BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:15:34	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.06	-0.06	-0.08		ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	13.51	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	51.90	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	24.28	ppb
Molybdenum	97-1	0.00	0.01	0.04	0.02	122.55	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	22.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.04	-0.01	-0.01		ppb
Phosphorus	31-2	8.44	-8.80	8.59	2.74	364.25	ppb
Potassium	39-2	10.89	27.43	28.68	22.33	44.45	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.60	-0.04	-0.06	0.17	225.73	ppb
Selenium	82-1	0.29	-0.02	-0.01	0.09	202.82	ppb
Silicon	28-1	-5.25	-2.21	-5.36	-4.27		ppb
Silver	109-1	0.01	0.00	0.01	0.01	19.29	ppb
Silver	107-1	0.01	0.00	0.01	0.01	41.08	ppb
Sodium	23-2	28.01	28.02	29.62	28.55	3.25	ppb
Strontium	86-1	-0.01	0.05	0.02	0.02	164.10	ppb
Strontium	88-1	0.03	0.04	0.03	0.03	17.55	ppb
Sulfur	34-1	-782.27	-12.65	-666.89	-487.27		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.01	0.03	0.02	35.24	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.65	ppb
Tin	118-1	0.25	0.22	0.27	0.25	9.67	ppb
Titanium	47-1	0.05	0.07	-0.02	0.03	145.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.03	-0.02	-0.03	-0.03		ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	-0.58	-0.49	-0.91	-0.66		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BL	Instrumnet Name :	P8
Client Sample ID :	PB113255BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:15:34	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	29.43	ppb
Zirconium	91-1	0.04	0.01	0.02	0.02	74.61	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:18:59	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	0.51	2.62	1.41	76.95	ppb
Antimony	121-1	0.01	0.02	0.00	0.01	61.20	ppb
Arsenic	75-2	-0.02	0.01	0.01	0.00	474.63	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	0.01	0.00		ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	43.20	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	2.62	2.32	3.41	2.78	20.37	ppb
Boron	11-1	2.59	3.03	2.92	2.85	7.92	ppb
Cadmium	111-1	-0.04	-0.01	0.02	-0.01		ppb
Cadmium	106-1	-0.54	-0.12	0.30	-0.12		ppb
Cadmium	108-1	0.00	0.02	-0.03	0.00		ppb
Calcium	43-1	-4.09	-2.42	-1.97	-2.83		ppb
Calcium	44-1	0.83	1.99	1.17	1.33	45.04	ppb
Chromium	52-2	-0.11	-0.10	-0.11	-0.11		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.00	-0.03	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	-0.18	-0.07	-0.01	-0.09		ppb
Iron	57-2	0.14	0.49	-0.54	0.03	1836.98	ppb
Krypton	83-1	-808.16	1128.87	-2309.10	-662.80		ppb
Lead	206-1	0.00	0.01	0.00	0.01	49.11	ppb
Lead	207-1	0.02	0.01	0.01	0.01	52.35	ppb
Lead	208-1	0.01	0.01	0.01	0.01	15.18	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.82	0.95	1.50	1.76	54.82	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : PB113257BL Instrumnet Name : P8
 Client Sample ID : PB113257BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 16:18:59 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.05	-0.07	-0.04		ppb
Molybdenum	94-1	0.04	0.09	0.04	0.06	52.63	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	100.24	ppb
Molybdenum	96-1	0.00	0.02	0.00	0.01	110.99	ppb
Molybdenum	97-1	0.01	-0.01	0.02	0.01	180.87	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	523.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	-0.03	-0.01		ppb
Phosphorus	31-2	-8.80	-8.80	-8.80	-8.80		ppb
Potassium	39-2	10.06	21.14	29.56	20.25	48.30	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.71	1.91	-0.05	0.38	355.32	ppb
Selenium	82-1	-0.11	0.01	-0.35	-0.15		ppb
Silicon	28-1	-4.83	-4.61	-4.62	-4.69		ppb
Silver	109-1	0.00	0.00	0.00	0.00	49.43	ppb
Silver	107-1	0.00	0.00	0.00	0.00	0.89	ppb
Sodium	23-2	29.67	23.09	25.92	26.23	12.59	ppb
Strontium	86-1	0.03	-0.02	-0.02	-0.01		ppb
Strontium	88-1	0.04	0.03	0.04	0.03	18.28	ppb
Sulfur	34-1	-632.21	-544.49	-599.88	-592.19		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.02	0.02	15.42	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	21.88	ppb
Tin	118-1	0.23	0.26	0.19	0.23	14.08	ppb
Titanium	47-1	0.06	0.04	-0.01	0.03	109.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.02	-0.03	-0.03		ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	-0.77	-0.59	-0.64	-0.66		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:18:59	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	28.21	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	16.25	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BS	Instrumnet Name :	P8
Client Sample ID :	PB113255BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:22:24	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9381.30	9074.49	9478.87	9311.56	2.27	ppb
Antimony	121-1	503.74	522.43	517.31	514.49	1.88	ppb
Arsenic	75-2	512.53	509.05	517.75	513.11	0.85	ppb
Barium	135-1	2523.53	2631.01	2598.86	2584.46	2.13	ppb
Barium	137-1	2525.08	2620.70	2597.90	2581.22	1.93	ppb
Beryllium	9-1	511.63	526.48	524.85	520.99	1.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	491.29	504.02	517.40	504.24	2.59	ppb
Boron	11-1	481.82	506.20	517.77	501.93	3.66	ppb
Cadmium	111-1	503.26	523.10	513.02	513.13	1.93	ppb
Cadmium	106-1	506.12	522.52	507.46	512.03	1.78	ppb
Cadmium	108-1	511.44	527.90	521.91	520.42	1.60	ppb
Calcium	43-1	48854.31	50256.06	50645.63	49918.67	1.89	ppb
Calcium	44-1	48338.89	49792.38	49855.79	49329.02	1.74	ppb
Chromium	52-2	491.37	478.90	499.49	489.92	2.12	ppb
Cobalt	59-2	480.62	467.73	487.55	478.63	2.10	ppb
Copper	63-2	990.58	938.48	1008.37	979.15	3.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	24695.50	23840.04	25018.69	24518.08	2.48	ppb
Iron	57-2	24519.69	23562.40	24563.51	24215.20	2.34	ppb
Krypton	83-1	-129.58	-2799.81	1413.60	-505.26		ppb
Lead	206-1	507.67	512.17	518.36	512.73	1.05	ppb
Lead	207-1	505.73	513.40	518.89	512.67	1.29	ppb
Lead	208-1	501.32	511.45	516.01	509.59	1.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	50651.78	49026.61	50691.08	50123.16	1.90	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BS	Instrumnet Name :	P8
Client Sample ID :	PB113255BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:22:24	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.86	952.79	1003.67	984.44	2.81	ppb
Molybdenum	94-1	2479.58	2532.75	2538.68	2517.00	1.29	ppb
Molybdenum	95-1	2454.83	2533.46	2511.72	2500.00	1.62	ppb
Molybdenum	96-1	2456.44	2545.79	2528.04	2510.09	1.88	ppb
Molybdenum	97-1	2463.21	2531.79	2517.55	2504.19	1.45	ppb
Molybdenum	98-1	2466.74	2537.59	2549.80	2518.05	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.17	475.30	497.01	486.83	2.24	ppb
Phosphorus	31-2	9962.39	9804.80	10211.40	9992.87	2.05	ppb
Potassium	39-2	24116.10	23179.38	24145.96	23813.81	2.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	562.26	465.97	494.66	507.63	9.74	ppb
Selenium	78-2	539.61	511.02	538.78	529.80	3.07	ppb
Selenium	82-1	495.88	514.27	512.48	507.54	2.00	ppb
Silicon	28-1	524.15	543.17	547.21	538.18	2.29	ppb
Silver	109-1	518.96	539.72	532.63	530.44	1.99	ppb
Silver	107-1	515.17	537.54	527.33	526.68	2.13	ppb
Sodium	23-2	49325.38	47834.69	49770.92	48977.00	2.07	ppb
Strontium	86-1	490.92	506.75	505.17	500.95	1.74	ppb
Strontium	88-1	493.89	512.17	511.91	505.99	2.07	ppb
Sulfur	34-1	9092.54	9672.69	9650.09	9471.77	3.47	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	502.68	511.01	517.08	510.26	1.42	ppb
Thallium	205-1	494.95	506.53	517.22	506.23	2.20	ppb
Tin	118-1	506.38	525.52	513.43	515.11	1.88	ppb
Titanium	47-1	2496.00	2588.05	2590.96	2558.34	2.11	ppb
Uranium	238-1	488.68	501.05	500.70	496.81	1.42	ppb
Vanadium	51-2	492.25	476.88	505.25	491.46	2.89	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	977.57	943.90	996.85	972.77	2.75	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BS	Instrumnet Name :	P8
Client Sample ID :	PB113255BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:22:24	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.50	510.18	510.94	504.21	2.18	ppb
Zirconium	91-1	496.96	509.71	503.64	503.44	1.27	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:25:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51357.29	49545.16	50518.27	50473.57	1.80	ppb
Antimony	121-1	508.87	510.96	508.78	509.54	0.24	ppb
Arsenic	75-2	513.61	520.58	511.83	515.34	0.90	ppb
Barium	135-1	2578.73	2577.88	2548.49	2568.37	0.67	ppb
Barium	137-1	2532.27	2559.77	2531.18	2541.07	0.64	ppb
Beryllium	9-1	525.92	514.76	524.31	521.66	1.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	532.78	538.35	541.53	537.55	0.82	ppb
Boron	11-1	531.60	535.62	548.69	538.64	1.66	ppb
Cadmium	111-1	494.31	499.52	494.80	496.21	0.58	ppb
Cadmium	106-1	508.22	505.43	507.99	507.21	0.31	ppb
Cadmium	108-1	502.21	508.61	498.22	503.01	1.04	ppb
Calcium	43-1	241413.78	241628.07	240071.20	241037.68	0.35	ppb
Calcium	44-1	241636.71	241221.83	238821.61	240560.05	0.63	ppb
Chromium	52-2	531.37	509.50	518.62	519.83	2.11	ppb
Cobalt	59-2	493.27	474.52	480.16	482.65	1.99	ppb
Copper	63-2	978.33	933.31	957.82	956.49	2.36	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				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	124631.31	119652.22	121663.79	121982.44	2.05	ppb
Iron	57-2	125907.22	120513.01	123700.79	123373.68	2.20	ppb
Krypton	83-1	2041.48	-2626.76	-2359.50	-981.60		ppb
Lead	206-1	524.12	520.64	527.30	524.02	0.64	ppb
Lead	207-1	520.16	517.21	521.73	519.70	0.44	ppb
Lead	208-1	515.85	515.01	519.50	516.78	0.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	249089.85	238180.52	242042.13	243104.17	2.28	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:25:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1024.86	976.26	1006.82	1002.64	2.45	ppb
Molybdenum	94-1	2547.78	2556.04	2557.01	2553.61	0.20	ppb
Molybdenum	95-1	2517.20	2540.12	2524.00	2527.11	0.47	ppb
Molybdenum	96-1	2511.90	2544.02	2533.56	2529.82	0.65	ppb
Molybdenum	97-1	2526.36	2575.92	2529.65	2543.98	1.09	ppb
Molybdenum	98-1	2541.34	2540.02	2512.72	2531.36	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.56	484.20	492.71	494.49	2.28	ppb
Phosphorus	31-2	10143.75	10852.73	10884.13	10626.87	3.94	ppb
Potassium	39-2	125053.20	120393.16	122761.51	122735.96	1.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	452.04	492.00	450.47	464.84	5.06	ppb
Selenium	78-2	445.94	533.72	501.15	493.60	8.99	ppb
Selenium	82-1	495.95	501.11	503.45	500.17	0.77	ppb
Silicon	28-1	546.05	548.90	547.45	547.47	0.26	ppb
Silver	109-1	509.76	503.76	499.93	504.48	0.98	ppb
Silver	107-1	501.59	509.65	507.91	506.39	0.84	ppb
Sodium	23-2	246674.20	237076.13	241519.84	241756.72	1.99	ppb
Strontium	86-1	503.00	506.02	505.11	504.71	0.31	ppb
Strontium	88-1	508.49	509.07	507.94	508.50	0.11	ppb
Sulfur	34-1	9582.53	9267.41	9018.19	9289.38	3.04	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	518.83	519.66	525.12	521.21	0.66	ppb
Thallium	205-1	517.12	512.57	519.41	516.37	0.67	ppb
Tin	118-1	506.24	513.00	510.48	509.90	0.67	ppb
Titanium	47-1	2564.03	2579.09	2549.84	2564.32	0.57	ppb
Uranium	238-1	516.10	513.25	517.05	515.47	0.38	ppb
Vanadium	51-2	513.19	495.31	504.77	504.42	1.77	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	973.46	944.31	954.31	957.36	1.55	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:25:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	513.87	511.66	517.47	514.33	0.57	ppb
Zirconium	91-1	509.02	513.34	515.59	512.65	0.65	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:39:05	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.41	-0.03	-0.30		ppb
Antimony	121-1	0.17	0.19	0.25	0.20	21.76	ppb
Arsenic	75-2	0.00	0.03	0.03	0.02	91.31	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	28.19	ppb
Beryllium	9-1	0.08	0.06	0.12	0.08	33.86	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	4.85	6.18	5.55	5.52	12.08	ppb
Boron	11-1	5.62	5.27	5.26	5.38	3.78	ppb
Cadmium	111-1	-0.01	0.00	0.03	0.01	246.62	ppb
Cadmium	106-1	-0.13	0.01	0.35	0.08	310.39	ppb
Cadmium	108-1	0.02	0.00	-0.03	0.00		ppb
Calcium	43-1	-7.73	-3.18	-7.03	-5.98		ppb
Calcium	44-1	-2.45	-0.03	2.39	-0.03		ppb
Chromium	52-2	-0.14	-0.18	-0.10	-0.14		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.00	0.00	0.00	1734.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	0.39	0.78	0.53	0.57	35.12	ppb
Iron	57-2	0.80	0.53	1.27	0.87	43.30	ppb
Krypton	83-1	-1637.82	1347.41	1001.85	237.14	688.58	ppb
Lead	206-1	0.02	0.02	0.03	0.03	31.53	ppb
Lead	207-1	0.03	0.04	0.05	0.04	27.76	ppb
Lead	208-1	0.02	0.03	0.03	0.03	13.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	6.00	5.07	4.32	5.13	16.41	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:39:05	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	-0.10	-0.13	-0.10		ppb
Molybdenum	94-1	0.15	0.13	0.16	0.15	10.18	ppb
Molybdenum	95-1	0.13	0.14	0.08	0.11	29.29	ppb
Molybdenum	96-1	0.13	0.17	0.19	0.16	17.81	ppb
Molybdenum	97-1	0.17	0.15	0.11	0.14	19.08	ppb
Molybdenum	98-1	0.13	0.15	0.14	0.14	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.08	-0.10	-0.06		ppb
Phosphorus	31-2	-8.80	8.93	-8.80	-2.89		ppb
Potassium	39-2	14.74	30.95	23.67	23.12	35.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	4.17	0.00	0.00	1.39	173.21	ppb
Selenium	78-2	0.62	0.62	-0.71	0.18	424.95	ppb
Selenium	82-1	0.00	-0.31	-0.25	-0.19		ppb
Silicon	28-1	-6.31	-2.43	-4.49	-4.41		ppb
Silver	109-1	0.00	0.01	0.01	0.01	37.99	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.95	ppb
Sodium	23-2	37.86	37.33	36.03	37.07	2.55	ppb
Strontium	86-1	-0.09	-0.06	-0.07	-0.07		ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-1194.11	-449.57	-778.34	-807.34		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.05	0.05	0.05	16.92	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	10.43	ppb
Tin	118-1	-0.01	0.02	0.04	0.01	176.23	ppb
Titanium	47-1	0.01	0.05	0.02	0.03	86.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.03	-0.02	-0.03	-0.03		ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	-0.46	-0.50	-0.56	-0.51		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:39:05	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.05	0.04	17.76	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	15.14	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:42:30	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1184.87	1191.28	1166.34	1180.83	1.10	ppb
Antimony	121-1	182.75	187.63	182.75	184.38	1.53	ppb
Arsenic	75-2	305.17	313.26	312.10	310.18	1.41	ppb
Barium	135-1	1583.60	1578.42	1557.74	1573.25	0.87	ppb
Barium	137-1	1556.78	1558.51	1536.16	1550.48	0.80	ppb
Beryllium	9-1	331.44	326.17	329.37	329.00	0.81	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	841.77	853.22	890.89	861.96	2.98	ppb
Boron	11-1	838.50	863.96	882.59	861.68	2.57	ppb
Cadmium	111-1	432.83	435.07	431.54	433.14	0.41	ppb
Cadmium	106-1	373.86	380.03	369.58	374.49	1.40	ppb
Cadmium	108-1	401.53	395.10	386.16	394.26	1.96	ppb
Calcium	43-1	82.68	58.66	63.18	68.18	18.72	ppb
Calcium	44-1	37.63	38.96	38.32	38.30	1.74	ppb
Chromium	52-2	659.63	694.42	655.28	669.78	3.20	ppb
Cobalt	59-2	359.59	375.35	352.60	362.51	3.21	ppb
Copper	63-2	614.09	643.26	603.65	620.33	3.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	2428.57	2476.24	2359.86	2421.56	2.42	ppb
Iron	57-2	2300.76	2427.27	2343.21	2357.08	2.73	ppb
Krypton	83-1	1488.07	914.81	-2070.01	110.96	1721.77	ppb
Lead	206-1	765.82	768.65	763.62	766.03	0.33	ppb
Lead	207-1	732.72	745.23	735.98	737.98	0.88	ppb
Lead	208-1	748.04	750.56	743.32	747.31	0.49	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.91	0.27	2.30	1.49	72.38	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:42:30	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	857.46	894.13	849.27	866.96	2.76	ppb
Molybdenum	94-1	107.02	107.22	106.40	106.88	0.40	ppb
Molybdenum	95-1	152.08	152.62	151.93	152.21	0.24	ppb
Molybdenum	96-1	146.43	144.80	146.74	145.99	0.71	ppb
Molybdenum	97-1	150.76	150.17	151.84	150.93	0.56	ppb
Molybdenum	98-1	153.60	152.68	153.39	153.22	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1724.35	1792.77	1695.10	1737.41	2.89	ppb
Phosphorus	31-2	-8.80	-8.80	8.88	-2.90		ppb
Potassium	39-2	42.01	27.28	19.14	29.48	39.33	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	786.28	888.02	923.85	866.05	8.24	ppb
Selenium	78-2	828.49	865.45	850.44	848.12	2.19	ppb
Selenium	82-1	850.80	844.77	849.64	848.40	0.38	ppb
Silicon	28-1	103.28	104.70	105.84	104.61	1.23	ppb
Silver	109-1	380.88	385.55	376.77	381.07	1.15	ppb
Silver	107-1	381.00	383.57	376.81	380.46	0.90	ppb
Sodium	23-2	71.39	72.03	66.91	70.11	3.98	ppb
Strontium	86-1	177.12	176.90	175.62	176.55	0.46	ppb
Strontium	88-1	178.65	180.34	180.64	179.88	0.60	ppb
Sulfur	34-1	-1428.94	-1378.38	-1547.12	-1451.48		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	437.86	440.28	440.39	439.51	0.33	ppb
Thallium	205-1	436.77	435.68	433.80	435.42	0.35	ppb
Tin	118-1	0.23	0.22	0.27	0.24	11.09	ppb
Titanium	47-1	0.06	0.06	0.12	0.08	46.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	861.25	901.95	854.68	872.63	2.93	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	1544.55	1605.17	1526.95	1558.89	2.63	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:42:30	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.33	0.31	0.31	0.32	3.70	ppb
Zirconium	91-1	0.44	0.47	0.45	0.45	3.97	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:45:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.13	47.35	49.90	49.79	4.80	ppb
Antimony	121-1	0.61	0.54	0.52	0.56	8.86	ppb
Arsenic	75-2	0.05	0.06	0.01	0.04	59.46	ppb
Barium	135-1	0.33	0.36	0.24	0.31	19.97	ppb
Barium	137-1	0.30	0.28	0.26	0.28	7.83	ppb
Beryllium	9-1	0.16	0.19	0.17	0.17	9.60	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	211.70	213.91	211.98	212.53	0.56	ppb
Boron	11-1	214.81	218.02	210.19	214.34	1.84	ppb
Cadmium	111-1	0.06	0.06	0.09	0.07	28.55	ppb
Cadmium	106-1	0.70	0.55	1.01	0.75	31.61	ppb
Cadmium	108-1	0.30	0.20	0.19	0.23	24.58	ppb
Calcium	43-1	9.06	8.24	10.06	9.12	10.01	ppb
Calcium	44-1	10.88	15.07	12.93	12.96	16.18	ppb
Chromium	52-2	0.01	0.04	-0.09	-0.01		ppb
Cobalt	59-2	0.09	0.11	0.09	0.09	10.85	ppb
Copper	63-2	0.11	0.07	0.06	0.08	29.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	10.87	11.00	10.83	10.90	0.83	ppb
Iron	57-2	12.25	12.68	7.27	10.74	28.00	ppb
Krypton	83-1	164.20	3544.26	-3214.75	164.57	2053.54	ppb
Lead	206-1	0.22	0.22	0.22	0.22	0.44	ppb
Lead	207-1	0.21	0.24	0.22	0.22	6.91	ppb
Lead	208-1	0.21	0.24	0.21	0.22	6.59	ppb
Lithium	6-1				107		%
Magnesium	24-2	4.95	5.03	8.00	5.99	29.06	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:45:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.40	0.38	0.37	0.39	4.22	ppb
Molybdenum	94-1	3.63	3.27	2.96	3.29	10.17	ppb
Molybdenum	95-1	0.14	0.16	0.12	0.14	16.44	ppb
Molybdenum	96-1	0.62	0.56	0.50	0.56	10.81	ppb
Molybdenum	97-1	0.19	0.19	0.13	0.17	19.83	ppb
Molybdenum	98-1	0.17	0.17	0.12	0.15	18.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.34	0.38	0.40	19.69	ppb
Phosphorus	31-2	43.89	26.56	-8.80	20.55	130.67	ppb
Potassium	39-2	7.20	25.84	5.35	12.80	88.56	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	-0.71	-0.71	-0.49		ppb
Selenium	82-1	0.30	-0.10	0.52	0.24	130.48	ppb
Silicon	28-1	1350.43	1408.15	1357.68	1372.09	2.29	ppb
Silver	109-1	0.05	0.04	0.03	0.04	20.64	ppb
Silver	107-1	0.04	0.05	0.05	0.05	8.30	ppb
Sodium	23-2	182.34	181.37	177.97	180.56	1.27	ppb
Strontium	86-1	0.02	0.13	0.04	0.06	88.42	ppb
Strontium	88-1	0.11	0.11	0.10	0.10	3.80	ppb
Sulfur	34-1	-2052.12	-1648.72	-2140.07	-1946.97		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.18	0.18	0.16	0.17	6.00	ppb
Thallium	205-1	0.18	0.17	0.16	0.17	5.14	ppb
Tin	118-1	1788.46	1837.19	1753.16	1792.94	2.35	ppb
Titanium	47-1	274.88	291.99	273.40	280.09	3.69	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	2.72	ppb
Vanadium	51-2	0.01	0.03	0.02	0.02	52.47	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	-0.64	-0.58	-0.58	-0.60		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:45:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.30	2.13	1.92	2.12	9.06	ppb
Zirconium	91-1	2.25	2.17	1.77	2.07	12.61	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:49:15	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.38	-0.42	-0.75	-0.85		ppb
Antimony	121-1	0.09	0.07	0.07	0.07	13.52	ppb
Arsenic	75-2	0.05	0.11	0.04	0.07	60.39	ppb
Barium	135-1	0.83	0.87	0.71	0.80	10.61	ppb
Barium	137-1	0.77	0.77	0.72	0.75	3.81	ppb
Beryllium	9-1	0.07	0.07	0.13	0.09	39.80	ppb
Bismuth	209-1				124		%
Bismuth	209-2				119		%
Boron	10-1	16.16	15.68	16.03	15.95	1.53	ppb
Boron	11-1	16.55	16.08	14.67	15.77	6.23	ppb
Cadmium	111-1	0.02	-0.03	0.03	0.01	421.30	ppb
Cadmium	106-1	0.21	-0.60	0.12	-0.09		ppb
Cadmium	108-1	0.01	0.05	-0.03	0.01	292.93	ppb
Calcium	43-1	21182.84	20473.55	20585.65	20747.35	1.84	ppb
Calcium	44-1	20940.57	20487.86	20415.19	20614.54	1.38	ppb
Chromium	52-2	-0.26	-0.28	-0.26	-0.26		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.04	0.06	0.05	0.05	14.72	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				132		%
Holmium	165-2				131		%
Indium	115-1				132		%
Indium	115-2				129		%
Iron	56-2	-0.58	-0.56	-0.27	-0.47		ppb
Iron	57-2	1.92	-0.54	1.60	0.99	134.35	ppb
Krypton	83-1	-1898.06	-2896.15	-4543.59	-3112.60		ppb
Lead	206-1	0.49	0.45	0.45	0.46	5.55	ppb
Lead	207-1	0.48	0.44	0.42	0.45	7.36	ppb
Lead	208-1	0.48	0.43	0.43	0.45	7.04	ppb
Lithium	6-1				130		%
Magnesium	24-2	31737.49	31565.98	34297.87	32533.78	4.70	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:49:15	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.19	0.10	0.14	0.14	29.37	ppb
Molybdenum	94-1	0.18	0.14	0.21	0.17	19.61	ppb
Molybdenum	95-1	0.29	0.29	0.25	0.28	8.36	ppb
Molybdenum	96-1	0.25	0.26	0.25	0.25	2.15	ppb
Molybdenum	97-1	0.30	0.24	0.24	0.26	13.05	ppb
Molybdenum	98-1	0.28	0.28	0.26	0.27	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.09	-0.09	-0.09		ppb
Phosphorus	31-2	-8.80	-8.80	-8.80	-8.80		ppb
Potassium	39-2	22170.99	21632.16	23873.21	22558.79	5.19	ppb
Rhodium	103-1				130		%
Rhodium	103-2				130		%
Scandium	45-1				134		%
Scandium	45-2				135		%
Selenium	77-2	0.00	3.28	0.00	1.09	173.21	ppb
Selenium	78-2	-0.17	0.86	0.41	0.37	140.56	ppb
Selenium	82-1	-0.07	0.12	0.20	0.09	159.26	ppb
Silicon	28-1	-23.60	-23.54	-23.79	-23.64		ppb
Silver	109-1	0.01	0.02	0.01	0.02	17.20	ppb
Silver	107-1	0.02	0.01	0.01	0.01	31.09	ppb
Sodium	23-2	82047.74	79628.15	88193.99	83289.96	5.30	ppb
Strontium	86-1	2.67	2.35	2.48	2.50	6.44	ppb
Strontium	88-1	2.64	2.61	2.56	2.61	1.58	ppb
Sulfur	34-1	-3751.38	-3419.16	-3230.76	-3467.10		ppb
Terbium	159-1				131		%
Terbium	159-2				132		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.58	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.31	ppb
Tin	118-1	0.68	0.62	0.52	0.61	12.62	ppb
Titanium	47-1	0.06	0.04	0.07	0.06	30.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.03	-0.03	-0.03	-0.03		ppb
Yttrium	89-1				134		%
Yttrium	89-2				131		%
Zinc	66-2	-0.85	-0.86	-0.74	-0.82		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:49:15	DataFile Name :	033SMPL.d

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

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:52:36	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1171.63	1220.38	1225.72	1205.91	2.47	ppb
Antimony	121-1	182.48	185.22	195.57	187.75	3.68	ppb
Arsenic	75-2	314.38	316.08	312.85	314.44	0.51	ppb
Barium	135-1	1575.75	1568.87	1659.89	1601.50	3.16	ppb
Barium	137-1	1559.78	1556.36	1651.33	1589.16	3.39	ppb
Beryllium	9-1	329.72	328.36	341.13	333.07	2.11	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	841.04	868.06	940.41	883.17	5.82	ppb
Boron	11-1	845.96	877.26	939.41	887.54	5.36	ppb
Cadmium	111-1	432.01	436.58	459.41	442.67	3.32	ppb
Cadmium	106-1	372.83	380.38	393.67	382.29	2.76	ppb
Cadmium	108-1	398.69	404.57	425.62	409.62	3.46	ppb
Calcium	43-1	68.10	68.75	70.08	68.98	1.47	ppb
Calcium	44-1	37.68	36.94	40.07	38.23	4.29	ppb
Chromium	52-2	661.13	685.04	682.35	676.18	1.94	ppb
Cobalt	59-2	358.16	372.41	369.01	366.53	2.03	ppb
Copper	63-2	608.99	635.73	633.82	626.18	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	2361.60	2508.16	2509.29	2459.68	3.45	ppb
Iron	57-2	2289.97	2434.87	2432.95	2385.93	3.48	ppb
Krypton	83-1	-1095.16	1791.12	-2740.39	-681.48		ppb
Lead	206-1	778.34	762.29	801.08	780.57	2.50	ppb
Lead	207-1	749.16	728.95	771.39	749.83	2.83	ppb
Lead	208-1	757.88	744.29	783.85	762.01	2.64	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.81	-2.95	4.31	1.06	349.09	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:52:36	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	850.49	886.05	885.16	873.90	2.32	ppb
Molybdenum	94-1	106.69	106.69	112.37	108.58	3.02	ppb
Molybdenum	95-1	152.03	152.37	161.55	155.32	3.47	ppb
Molybdenum	96-1	146.36	145.46	153.83	148.55	3.09	ppb
Molybdenum	97-1	150.62	151.30	160.20	154.04	3.47	ppb
Molybdenum	98-1	151.88	152.25	159.51	154.54	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1709.73	1774.73	1774.71	1753.05	2.14	ppb
Phosphorus	31-2	-8.80	9.71	-8.80	-2.63		ppb
Potassium	39-2	31.45	35.33	39.33	35.37	11.14	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	926.76	759.12	964.37	883.42	12.37	ppb
Selenium	78-2	887.51	857.72	885.22	876.82	1.89	ppb
Selenium	82-1	846.62	850.69	907.03	868.11	3.89	ppb
Silicon	28-1	106.22	102.78	113.10	107.37	4.89	ppb
Silver	109-1	384.16	385.39	407.14	392.23	3.30	ppb
Silver	107-1	381.03	383.04	400.99	388.35	2.83	ppb
Sodium	23-2	81.75	87.92	80.14	83.27	4.93	ppb
Strontium	86-1	177.54	178.16	188.45	181.38	3.38	ppb
Strontium	88-1	180.55	180.56	192.09	184.40	3.61	ppb
Sulfur	34-1	-814.14	-1124.96	-670.80	-869.97		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	446.88	440.08	462.38	449.78	2.54	ppb
Thallium	205-1	442.33	432.63	458.50	444.48	2.94	ppb
Tin	118-1	0.58	0.55	0.55	0.56	3.62	ppb
Titanium	47-1	0.09	0.10	0.15	0.11	25.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	859.15	895.47	890.13	881.58	2.22	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	1534.26	1605.65	1593.22	1577.71	2.42	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:52:36	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.10	0.09	0.09	9.35	ppb
Zirconium	91-1	0.18	0.16	0.20	0.18	11.23	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:55:57	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.75	51.72	53.40	52.62	1.60	ppb
Antimony	121-1	0.62	0.51	0.50	0.55	12.61	ppb
Arsenic	75-2	0.02	0.02	0.08	0.04	100.81	ppb
Barium	135-1	0.20	0.20	0.17	0.19	8.94	ppb
Barium	137-1	0.23	0.15	0.17	0.18	22.44	ppb
Beryllium	9-1	0.16	0.14	0.14	0.15	9.76	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	227.50	218.82	212.15	219.49	3.51	ppb
Boron	11-1	218.28	214.03	213.57	215.29	1.21	ppb
Cadmium	111-1	0.06	-0.04	0.02	0.01	357.78	ppb
Cadmium	106-1	0.61	-0.67	0.08	0.01	7900.22	ppb
Cadmium	108-1	0.13	0.05	0.17	0.11	53.82	ppb
Calcium	43-1	3.16	8.31	1.89	4.46	76.29	ppb
Calcium	44-1	8.72	8.07	7.72	8.17	6.20	ppb
Chromium	52-2	0.09	0.04	0.06	0.06	44.69	ppb
Cobalt	59-2	0.07	0.06	0.06	0.06	6.27	ppb
Copper	63-2	0.13	0.08	0.08	0.09	29.53	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				104		%
Indium	115-2				97		%
Iron	56-2	5.76	5.18	5.28	5.40	5.76	ppb
Iron	57-2	3.78	2.37	7.37	4.51	57.20	ppb
Krypton	83-1	-3848.47	-636.92	3877.87	-202.51		ppb
Lead	206-1	0.30	0.24	0.29	0.28	11.49	ppb
Lead	207-1	0.27	0.26	0.28	0.27	3.03	ppb
Lead	208-1	0.27	0.26	0.27	0.27	3.60	ppb
Lithium	6-1				107		%
Magnesium	24-2	2.96	3.48	4.16	3.53	16.98	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:55:57	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.18	0.24	0.13	0.19	29.51	ppb
Molybdenum	94-1	2.75	2.63	2.43	2.60	6.17	ppb
Molybdenum	95-1	0.17	0.12	0.13	0.14	22.20	ppb
Molybdenum	96-1	0.47	0.42	0.45	0.44	5.56	ppb
Molybdenum	97-1	0.17	0.19	0.12	0.16	22.42	ppb
Molybdenum	98-1	0.12	0.14	0.13	0.13	6.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.47	0.45	0.43	12.26	ppb
Phosphorus	31-2	-8.80	9.59	-8.80	-2.67		ppb
Potassium	39-2	32.88	30.92	22.51	28.77	19.16	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	4.23	0.00	0.00	1.41	173.21	ppb
Selenium	78-2	0.64	-0.04	-0.71	-0.03		ppb
Selenium	82-1	0.79	0.50	-0.80	0.16	515.62	ppb
Silicon	28-1	1368.41	1345.96	1337.51	1350.63	1.18	ppb
Silver	109-1	0.04	0.05	0.04	0.04	13.41	ppb
Silver	107-1	0.06	0.05	0.04	0.05	22.34	ppb
Sodium	23-2	205.56	194.58	186.26	195.47	4.95	ppb
Strontium	86-1	0.02	-0.02	0.03	0.01	196.80	ppb
Strontium	88-1	0.05	0.06	0.07	0.06	9.81	ppb
Sulfur	34-1	-1750.71	-1990.10	-2070.20	-1937.00		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.17	0.16	0.14	0.16	11.35	ppb
Thallium	205-1	0.16	0.17	0.15	0.16	8.61	ppb
Tin	118-1	1812.94	1797.63	1774.39	1794.99	1.08	ppb
Titanium	47-1	281.78	276.10	277.22	278.37	1.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.02	ppb
Vanadium	51-2	-0.01	0.01	0.02	0.00	245.95	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	-0.59	-0.63	-0.81	-0.68		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:55:57	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.72	1.62	1.63	1.65	3.44	ppb
Zirconium	91-1	1.79	1.56	1.52	1.63	8.96	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:59:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	-1.57	-0.89	-0.95		ppb
Antimony	121-1	0.05	0.06	0.06	0.06	6.71	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	109.20	ppb
Barium	135-1	0.72	0.77	0.71	0.73	4.25	ppb
Barium	137-1	0.78	0.76	0.74	0.76	2.55	ppb
Beryllium	9-1	0.07	0.10	0.10	0.09	22.28	ppb
Bismuth	209-1				123		%
Bismuth	209-2				121		%
Boron	10-1	20.53	20.08	17.30	19.31	9.07	ppb
Boron	11-1	18.95	19.25	17.23	18.48	5.90	ppb
Cadmium	111-1	-0.02	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-0.36	-0.41	-0.36	-0.38		ppb
Cadmium	108-1	0.03	-0.01	0.05	0.03	115.05	ppb
Calcium	43-1	20753.24	20389.57	20765.67	20636.16	1.04	ppb
Calcium	44-1	20817.54	20064.84	20742.85	20541.74	2.02	ppb
Chromium	52-2	-0.31	-0.27	-0.26	-0.28		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.06	0.06	0.05	0.06	13.40	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				133		%
Holmium	165-2				131		%
Indium	115-1				134		%
Indium	115-2				128		%
Iron	56-2	-0.61	-0.51	-0.86	-0.66		ppb
Iron	57-2	-0.52	0.16	0.01	-0.12		ppb
Krypton	83-1	-4152.02	-6762.04	-5637.11	-5517.05		ppb
Lead	206-1	0.41	0.40	0.41	0.41	1.68	ppb
Lead	207-1	0.37	0.37	0.40	0.38	4.87	ppb
Lead	208-1	0.39	0.38	0.39	0.39	1.17	ppb
Lithium	6-1				132		%
Magnesium	24-2	32051.37	34808.07	30831.06	32563.50	6.26	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:59:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.32	0.09	0.25	0.22	54.25	ppb
Molybdenum	94-1	0.19	0.19	0.16	0.18	8.40	ppb
Molybdenum	95-1	0.24	0.22	0.26	0.24	8.26	ppb
Molybdenum	96-1	0.22	0.21	0.27	0.23	13.31	ppb
Molybdenum	97-1	0.26	0.25	0.25	0.25	1.69	ppb
Molybdenum	98-1	0.24	0.25	0.25	0.25	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.03	-0.06	-0.06		ppb
Phosphorus	31-2	-8.80	6.17	-8.80	-3.81		ppb
Potassium	39-2	21814.99	24009.26	21961.79	22595.35	5.43	ppb
Rhodium	103-1				132		%
Rhodium	103-2				127		%
Scandium	45-1				133		%
Scandium	45-2				135		%
Selenium	77-2	0.00	3.58	0.00	1.19	173.21	ppb
Selenium	78-2	0.35	-0.14	-0.18	0.01	2099.79	ppb
Selenium	82-1	0.04	0.37	0.35	0.25	74.20	ppb
Silicon	28-1	-23.32	-23.60	-23.14	-23.35		ppb
Silver	109-1	0.01	0.01	0.02	0.02	18.02	ppb
Silver	107-1	0.01	0.02	0.02	0.02	16.63	ppb
Sodium	23-2	82077.36	89760.80	80841.84	84226.67	5.74	ppb
Strontium	86-1	2.41	2.31	2.53	2.42	4.65	ppb
Strontium	88-1	2.56	2.58	2.54	2.56	0.91	ppb
Sulfur	34-1	-3549.70	-3413.63	-2912.99	-3292.11		ppb
Terbium	159-1				133		%
Terbium	159-2				131		%
Thallium	203-1	0.07	0.06	0.06	0.06	3.75	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.35	ppb
Tin	118-1	0.55	0.52	0.54	0.54	2.98	ppb
Titanium	47-1	-0.02	-0.01	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.03	-0.03	-0.02	-0.02		ppb
Yttrium	89-1				136		%
Yttrium	89-2				131		%
Zinc	66-2	-0.50	-0.59	-0.60	-0.56		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:59:22	DataFile Name :	036SMPL.d

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

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:04:08	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.56	1.91	0.61	1.03	74.59	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	10.19	ppb
Arsenic	75-2	-0.02	0.04	0.03	0.02	174.66	ppb
Barium	135-1	0.18	0.15	0.15	0.16	12.44	ppb
Barium	137-1	0.14	0.18	0.17	0.16	11.76	ppb
Beryllium	9-1	0.11	0.12	0.10	0.11	11.01	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	14.43	13.45	13.95	13.94	3.52	ppb
Boron	11-1	14.52	14.23	13.79	14.18	2.56	ppb
Cadmium	111-1	0.09	0.07	0.04	0.07	40.89	ppb
Cadmium	106-1	1.35	0.80	0.55	0.90	45.48	ppb
Cadmium	108-1	0.02	0.02	0.02	0.02	5.54	ppb
Calcium	43-1	4244.39	3911.84	4143.39	4099.87	4.16	ppb
Calcium	44-1	4387.99	4060.02	4121.24	4189.75	4.16	ppb
Chromium	52-2	-0.10	-0.11	-0.05	-0.09		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.02	0.02	0.02	0.02	10.15	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				112		%
Indium	115-1				110		%
Indium	115-2				112		%
Iron	56-2	-0.28	-0.08	-0.16	-0.17		ppb
Iron	57-2	0.00	0.08	0.66	0.25	146.08	ppb
Krypton	83-1	2868.49	-439.75	-3003.49	-191.58		ppb
Lead	206-1	0.15	0.15	0.16	0.15	3.05	ppb
Lead	207-1	0.14	0.15	0.16	0.15	7.11	ppb
Lead	208-1	0.14	0.15	0.15	0.14	4.08	ppb
Lithium	6-1				109		%
Magnesium	24-2	5938.68	6198.41	6139.51	6092.20	2.24	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:04:08	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.03	-0.08	-0.02		ppb
Molybdenum	94-1	0.06	0.06	0.08	0.07	15.83	ppb
Molybdenum	95-1	0.06	0.08	0.07	0.07	7.51	ppb
Molybdenum	96-1	0.08	0.06	0.08	0.07	11.16	ppb
Molybdenum	97-1	0.10	0.09	0.06	0.08	25.15	ppb
Molybdenum	98-1	0.09	0.07	0.06	0.07	17.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.09	0.00	-0.04		ppb
Phosphorus	31-2	-8.80	-8.80	23.98	2.13	888.63	ppb
Potassium	39-2	4284.17	4357.74	4286.01	4309.31	0.97	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				117		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.53	-0.71	-0.09	-0.09		ppb
Selenium	82-1	-0.09	0.09	0.35	0.12	190.83	ppb
Silicon	28-1	-5.08	-7.45	-6.76	-6.43		ppb
Silver	109-1	0.01	0.01	0.02	0.01	56.36	ppb
Silver	107-1	0.02	0.01	0.02	0.01	15.85	ppb
Sodium	23-2	16222.58	16822.74	16474.22	16506.51	1.83	ppb
Strontium	86-1	0.57	0.45	0.48	0.50	12.84	ppb
Strontium	88-1	0.56	0.52	0.55	0.55	3.54	ppb
Sulfur	34-1	105.58	-574.43	-329.75	-266.20		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	0.06	0.05	0.04	0.05	20.79	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	10.74	ppb
Tin	118-1	0.46	0.38	0.37	0.40	12.24	ppb
Titanium	47-1	0.03	0.05	0.04	0.04	26.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.03	-0.03	-0.02	-0.02		ppb
Yttrium	89-1				112		%
Yttrium	89-2				114		%
Zinc	66-2	-0.82	-0.62	-0.56	-0.67		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:04:08	DataFile Name :	037SMPL.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	0.00	0.01	0.00	0.00	456.12	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:07:32	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	1.20	-0.91	-0.08		ppb
Antimony	121-1	0.04	0.05	0.03	0.04	20.52	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	293.39	ppb
Barium	135-1	0.18	0.14	0.11	0.15	24.44	ppb
Barium	137-1	0.22	0.13	0.14	0.17	30.19	ppb
Beryllium	9-1	0.08	0.05	0.07	0.07	17.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	10.38	11.28	11.86	11.17	6.70	ppb
Boron	11-1	11.09	10.71	10.71	10.84	2.03	ppb
Cadmium	111-1	-0.03	0.02	0.04	0.01	565.08	ppb
Cadmium	106-1	-0.45	0.27	0.49	0.11	465.52	ppb
Cadmium	108-1	0.00	0.05	0.00	0.01	193.08	ppb
Calcium	43-1	4266.54	3932.28	4049.45	4082.76	4.15	ppb
Calcium	44-1	4358.61	3990.36	4130.87	4159.95	4.47	ppb
Chromium	52-2	-0.14	-0.15	-0.16	-0.15		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.03	0.01	0.03	67.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				113		%
Iron	56-2	-0.26	-0.25	-0.32	-0.28		ppb
Iron	57-2	-0.57	1.28	0.00	0.24	403.99	ppb
Krypton	83-1	3128.30	-1568.63	-3598.66	-679.66		ppb
Lead	206-1	0.14	0.11	0.14	0.13	11.27	ppb
Lead	207-1	0.13	0.13	0.13	0.13	2.49	ppb
Lead	208-1	0.12	0.11	0.13	0.12	9.44	ppb
Lithium	6-1				109		%
Magnesium	24-2	6198.37	6137.60	6004.47	6113.48	1.62	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:07:32	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.05	-0.09	-0.03		ppb
Molybdenum	94-1	0.04	0.06	0.04	0.05	33.02	ppb
Molybdenum	95-1	0.07	0.07	0.05	0.06	15.33	ppb
Molybdenum	96-1	0.06	0.07	0.06	0.06	8.77	ppb
Molybdenum	97-1	0.09	0.05	0.05	0.07	38.49	ppb
Molybdenum	98-1	0.07	0.05	0.05	0.06	21.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.01	-0.03		ppb
Phosphorus	31-2	7.87	23.94	-8.80	7.67	213.40	ppb
Potassium	39-2	4276.51	4269.10	4266.78	4270.80	0.12	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				118		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.71	0.55	-0.08	-0.08		ppb
Selenium	82-1	-0.35	-0.13	0.25	-0.07		ppb
Silicon	28-1	-4.89	-8.69	-6.23	-6.60		ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.18	ppb
Silver	107-1	0.01	0.01	0.09	0.03	133.01	ppb
Sodium	23-2	16697.05	16379.26	16380.70	16485.67	1.11	ppb
Strontium	86-1	0.57	0.39	0.55	0.50	19.41	ppb
Strontium	88-1	0.56	0.52	0.51	0.53	5.72	ppb
Sulfur	34-1	110.83	-590.56	-189.20	-222.98		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.05	0.06	0.04	0.05	23.72	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	6.50	ppb
Tin	118-1	0.31	0.34	0.31	0.32	5.90	ppb
Titanium	47-1	0.01	0.02	0.03	0.02	50.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.03	-0.02	-0.02		ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	-0.55	-0.63	-0.73	-0.64		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:07:32	DataFile Name :	038SMPL.d

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

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:10:57	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	303.65	285.61	303.96	297.74	3.53	ppb
Antimony	121-1	21.45	22.12	22.37	21.98	2.17	ppb
Arsenic	75-2	12.02	13.28	12.23	12.51	5.39	ppb
Barium	135-1	2735.51	2812.48	2792.58	2780.19	1.44	ppb
Barium	137-1	2728.60	2782.27	2818.41	2776.43	1.63	ppb
Beryllium	9-1	5.19	5.29	4.85	5.11	4.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	878.82	903.92	908.10	896.95	1.77	ppb
Boron	11-1	862.91	882.37	903.21	882.83	2.28	ppb
Cadmium	111-1	43.92	45.25	45.31	44.83	1.75	ppb
Cadmium	106-1	39.38	40.47	39.82	39.89	1.38	ppb
Cadmium	108-1	39.58	41.49	41.70	40.92	2.86	ppb
Calcium	43-1	7.62	6.71	-0.78	4.52	102.07	ppb
Calcium	44-1	4.87	5.17	4.38	4.81	8.37	ppb
Chromium	52-2	182.03	174.80	180.76	179.20	2.15	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	1334.89	1308.82	1337.53	1327.08	1.20	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				107		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	857.23	830.55	855.82	847.87	1.77	ppb
Iron	57-2	812.76	832.63	865.80	837.06	3.20	ppb
Krypton	83-1	-3429.36	127.43	-342.89	-1214.94		ppb
Lead	206-1	48.83	50.38	49.80	49.67	1.58	ppb
Lead	207-1	44.90	46.28	46.32	45.84	1.76	ppb
Lead	208-1	46.57	48.33	47.75	47.55	1.88	ppb
Lithium	6-1				109		%
Magnesium	24-2	2.85	-0.73	-0.31	0.60	324.68	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:10:57	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	144.21	141.84	146.14	144.06	1.50	ppb
Molybdenum	94-1	47.08	47.34	47.19	47.20	0.29	ppb
Molybdenum	95-1	67.59	69.01	67.45	68.01	1.27	ppb
Molybdenum	96-1	63.82	65.17	64.35	64.45	1.05	ppb
Molybdenum	97-1	66.52	67.47	67.15	67.05	0.72	ppb
Molybdenum	98-1	67.44	67.43	67.72	67.53	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.33	135.35	139.55	138.41	1.93	ppb
Phosphorus	31-2	8.55	8.14	-8.80	2.63	376.22	ppb
Potassium	39-2	25.21	15.34	1.68	14.08	83.98	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	77-2	44.25	77.82	86.02	69.36	31.91	ppb
Selenium	78-2	67.24	75.02	78.93	73.73	8.07	ppb
Selenium	82-1	68.71	71.61	70.23	70.18	2.07	ppb
Silicon	28-1	50.56	52.75	53.09	52.14	2.63	ppb
Silver	109-1	254.19	263.33	264.20	260.58	2.13	ppb
Silver	107-1	259.19	265.21	262.74	262.38	1.15	ppb
Sodium	23-2	57.17	50.15	63.48	56.93	11.71	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.05	0.05	0.05	0.05	3.28	ppb
Sulfur	34-1	-462.43	-277.25	-498.31	-412.66		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	3.68	3.86	3.85	3.80	2.66	ppb
Thallium	205-1	3.60	3.70	3.78	3.69	2.47	ppb
Tin	118-1	0.32	0.32	0.31	0.32	1.20	ppb
Titanium	47-1	0.06	0.01	0.08	0.05	64.73	ppb
Uranium	238-1	95.18	96.72	96.93	96.28	1.00	ppb
Vanadium	51-2	221.14	212.63	218.45	217.41	2.00	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	319.26	303.93	314.56	312.58	2.51	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:10:57	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.05	0.04	19.32	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	22.86	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:14:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.91	8.52	9.32	10.25	22.80	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	15.35	ppb
Arsenic	75-2	0.00	0.05	0.01	0.02	125.68	ppb
Barium	135-1	0.41	0.48	0.49	0.46	9.65	ppb
Barium	137-1	0.52	0.50	0.57	0.53	6.28	ppb
Beryllium	9-1	0.05	0.10	0.03	0.06	63.07	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	61.55	54.11	55.36	57.01	6.98	ppb
Boron	11-1	57.79	56.25	53.42	55.82	3.97	ppb
Cadmium	111-1	0.04	0.04	0.06	0.05	17.97	ppb
Cadmium	106-1	0.37	0.24	0.53	0.38	38.75	ppb
Cadmium	108-1	0.02	0.02	0.07	0.04	73.29	ppb
Calcium	43-1	33137.18	32793.57	33433.20	33121.32	0.97	ppb
Calcium	44-1	32962.54	32496.75	33228.99	32896.09	1.13	ppb
Chromium	52-2	-0.01	0.04	0.03	0.02	142.93	ppb
Cobalt	59-2	0.01	0.01	0.03	0.02	60.86	ppb
Copper	63-2	0.11	0.13	0.13	0.12	10.97	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				107		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	14.26	15.98	15.61	15.28	5.90	ppb
Iron	57-2	15.51	18.78	14.44	16.24	13.92	ppb
Krypton	83-1	-4008.24	1271.63	80.76	-885.29		ppb
Lead	206-1	0.12	0.12	0.13	0.13	5.31	ppb
Lead	207-1	0.11	0.11	0.13	0.12	10.26	ppb
Lead	208-1	0.11	0.12	0.12	0.12	3.44	ppb
Lithium	6-1				108		%
Magnesium	24-2	5562.59	5747.87	5832.69	5714.39	2.42	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:14:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.89	1.01	0.96	0.96	6.41	ppb
Molybdenum	94-1	0.12	0.11	0.11	0.11	7.46	ppb
Molybdenum	95-1	0.10	0.07	0.05	0.07	29.69	ppb
Molybdenum	96-1	0.08	0.08	0.07	0.08	10.06	ppb
Molybdenum	97-1	0.07	0.06	0.08	0.07	17.18	ppb
Molybdenum	98-1	0.08	0.08	0.05	0.07	21.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.07	0.04	0.04	47.91	ppb
Phosphorus	31-2	7.71	-8.80	25.98	8.29	209.70	ppb
Potassium	39-2	13382.06	13764.21	14170.07	13772.11	2.86	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	0.59	-0.71	-0.06		ppb
Selenium	82-1	0.62	0.10	-0.14	0.19	198.09	ppb
Silicon	28-1	35.25	32.57	34.97	34.27	4.30	ppb
Silver	109-1	0.02	0.02	0.01	0.02	8.43	ppb
Silver	107-1	0.02	0.01	0.01	0.01	23.03	ppb
Sodium	23-2	15843.49	16461.90	16529.14	16278.18	2.32	ppb
Strontium	86-1	9.65	9.77	10.13	9.85	2.51	ppb
Strontium	88-1	9.98	9.84	10.09	9.97	1.25	ppb
Sulfur	34-1	-249.97	-225.27	-44.81	-173.35		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.05	0.05	0.05	2.82	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	14.62	ppb
Tin	118-1	0.28	0.27	0.29	0.28	4.80	ppb
Titanium	47-1	0.20	0.28	0.30	0.26	20.54	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	13.40	ppb
Vanadium	51-2	0.09	0.04	0.07	0.06	40.43	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	-0.28	-0.04	0.04	-0.10		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:14:19	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.05	0.05	8.15	ppb
Zirconium	91-1	0.05	0.06	0.02	0.04	46.64	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:24:42	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51549.67	50643.90	50639.90	50944.49	1.03	ppb
Antimony	121-1	504.81	503.39	511.70	506.63	0.88	ppb
Arsenic	75-2	514.47	504.22	508.88	509.19	1.01	ppb
Barium	135-1	2566.83	2544.36	2554.78	2555.32	0.44	ppb
Barium	137-1	2537.20	2534.37	2542.00	2537.86	0.15	ppb
Beryllium	9-1	527.40	528.62	520.88	525.63	0.79	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	520.29	546.28	544.91	537.16	2.72	ppb
Boron	11-1	521.03	543.52	537.33	533.96	2.18	ppb
Cadmium	111-1	491.25	493.22	492.86	492.44	0.21	ppb
Cadmium	106-1	490.90	499.96	496.71	495.86	0.93	ppb
Cadmium	108-1	499.81	499.92	498.22	499.31	0.19	ppb
Calcium	43-1	237128.74	239530.45	244670.02	240443.07	1.60	ppb
Calcium	44-1	236411.69	239712.63	243118.25	239747.52	1.40	ppb
Chromium	52-2	521.41	513.96	516.48	517.28	0.73	ppb
Cobalt	59-2	485.06	477.52	476.32	479.63	0.99	ppb
Copper	63-2	957.25	944.83	942.47	948.18	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	123130.90	121342.42	121814.44	122095.92	0.76	ppb
Iron	57-2	124905.99	123870.40	121706.36	123494.25	1.32	ppb
Krypton	83-1	-2042.08	-1576.35	3093.92	-174.84		ppb
Lead	206-1	518.31	506.32	518.01	514.21	1.33	ppb
Lead	207-1	516.09	510.41	519.69	515.39	0.91	ppb
Lead	208-1	512.38	507.27	514.61	511.42	0.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	245460.58	241557.18	241236.41	242751.39	0.97	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:24:42	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.06	1001.62	1001.26	1004.64	0.55	ppb
Molybdenum	94-1	2507.07	2523.93	2542.09	2524.36	0.69	ppb
Molybdenum	95-1	2491.48	2501.76	2532.89	2508.71	0.86	ppb
Molybdenum	96-1	2502.93	2521.67	2518.48	2514.36	0.40	ppb
Molybdenum	97-1	2499.49	2536.07	2538.29	2524.62	0.86	ppb
Molybdenum	98-1	2499.59	2522.35	2538.45	2520.13	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.43	486.47	491.24	490.71	0.82	ppb
Phosphorus	31-2	10429.22	10965.00	10988.72	10794.31	2.93	ppb
Potassium	39-2	125199.95	122526.95	123857.13	123861.34	1.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	515.32	501.46	524.72	513.83	2.28	ppb
Selenium	78-2	557.62	519.79	526.20	534.53	3.79	ppb
Selenium	82-1	489.03	497.53	499.14	495.23	1.10	ppb
Silicon	28-1	537.74	546.91	557.52	547.39	1.81	ppb
Silver	109-1	504.42	507.00	510.20	507.20	0.57	ppb
Silver	107-1	502.64	498.67	506.67	502.66	0.80	ppb
Sodium	23-2	244558.82	241852.90	240681.30	242364.34	0.82	ppb
Strontium	86-1	497.79	501.89	506.09	501.93	0.83	ppb
Strontium	88-1	506.49	509.06	515.20	510.25	0.88	ppb
Sulfur	34-1	9284.01	9570.37	9826.41	9560.27	2.84	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	514.51	510.32	523.95	516.26	1.35	ppb
Thallium	205-1	508.26	503.34	510.88	507.49	0.75	ppb
Tin	118-1	509.61	508.71	514.80	511.04	0.64	ppb
Titanium	47-1	2521.02	2540.41	2568.00	2543.15	0.93	ppb
Uranium	238-1	513.12	512.39	515.72	513.74	0.34	ppb
Vanadium	51-2	508.26	498.60	502.74	503.20	0.96	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	965.38	938.77	959.79	954.65	1.47	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:24:42	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.80	508.60	509.71	505.70	1.19	ppb
Zirconium	91-1	505.19	507.07	507.16	506.47	0.22	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:35:28	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	1.14	1.17	0.72	104.06	ppb
Antimony	121-1	0.18	0.17	0.19	0.18	4.31	ppb
Arsenic	75-2	0.00	0.06	0.01	0.02	132.37	ppb
Barium	135-1	0.00	0.01	-0.02	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	276.82	ppb
Beryllium	9-1	0.12	0.12	0.08	0.11	23.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	9.66	11.09	9.12	9.96	10.23	ppb
Boron	11-1	11.06	10.14	10.02	10.41	5.44	ppb
Cadmium	111-1	-0.02	-0.01	0.01	-0.01		ppb
Cadmium	106-1	-0.14	-0.19	0.00	-0.11		ppb
Cadmium	108-1	0.10	0.00	0.02	0.04	129.00	ppb
Calcium	43-1	-3.21	-1.26	-0.52	-1.66		ppb
Calcium	44-1	2.15	2.60	-0.34	1.47	108.02	ppb
Chromium	52-2	-0.09	-0.13	-0.09	-0.10		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.01	0.02	0.01	0.01	18.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	0.35	0.15	0.22	0.24	42.26	ppb
Iron	57-2	1.13	2.16	0.17	1.15	86.18	ppb
Krypton	83-1	-892.04	3450.39	-999.69	519.55	488.64	ppb
Lead	206-1	0.04	0.04	0.03	0.04	7.44	ppb
Lead	207-1	0.05	0.05	0.03	0.04	21.93	ppb
Lead	208-1	0.04	0.04	0.03	0.04	12.34	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.60	5.36	0.77	2.58	94.78	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : CCB79 Instrumnet Name : P8
 Client Sample ID : CCB79 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 17:35:28 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.09	-0.10	-0.08		ppb
Molybdenum	94-1	0.18	0.18	0.16	0.17	4.83	ppb
Molybdenum	95-1	0.12	0.12	0.11	0.12	8.42	ppb
Molybdenum	96-1	0.09	0.09	0.14	0.10	28.67	ppb
Molybdenum	97-1	0.10	0.10	0.11	0.10	2.62	ppb
Molybdenum	98-1	0.12	0.10	0.14	0.12	17.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.12	-0.10	-0.09		ppb
Phosphorus	31-2	-8.80	8.65	-8.80	-2.98		ppb
Potassium	39-2	3.81	24.33	32.44	20.19	73.08	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	77-2	0.00	4.08	0.00	1.36	173.21	ppb
Selenium	78-2	-0.71	-0.71	-0.05	-0.49		ppb
Selenium	82-1	-0.09	-0.57	-0.11	-0.26		ppb
Silicon	28-1	-4.14	-2.99	-6.21	-4.44		ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.26	ppb
Silver	107-1	0.01	0.01	0.00	0.01	79.48	ppb
Sodium	23-2	39.55	49.15	51.71	46.80	13.71	ppb
Strontium	86-1	-0.06	0.00	-0.02	-0.03		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	5.67	ppb
Sulfur	34-1	-611.99	-325.66	-836.37	-591.34		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.06	0.05	0.05	14.58	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	12.46	ppb
Tin	118-1	0.27	0.32	0.32	0.30	10.98	ppb
Titanium	47-1	-0.02	-0.01	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.03	-0.03	-0.02		ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	-0.50	-0.80	-0.43	-0.58		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:35:28	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.05	0.05	12.06	ppb
Zirconium	91-1	0.05	0.06	0.06	0.06	8.58	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:38:53	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9298.50	9251.63	10059.16	9536.43	4.75	ppb
Antimony	121-1	508.07	504.52	506.67	506.42	0.35	ppb
Arsenic	75-2	513.18	515.16	546.01	524.78	3.51	ppb
Barium	135-1	2557.35	2510.88	2559.65	2542.63	1.08	ppb
Barium	137-1	2510.19	2480.77	2541.92	2510.96	1.22	ppb
Beryllium	9-1	514.37	500.45	507.46	507.43	1.37	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	490.54	490.80	503.08	494.81	1.45	ppb
Boron	11-1	491.80	492.11	511.42	498.44	2.26	ppb
Cadmium	111-1	502.91	492.95	503.11	499.66	1.16	ppb
Cadmium	106-1	508.36	502.73	507.31	506.14	0.59	ppb
Cadmium	108-1	509.62	509.12	508.04	508.93	0.16	ppb
Calcium	43-1	49246.34	48600.07	49532.99	49126.47	0.97	ppb
Calcium	44-1	48700.19	47818.42	48785.10	48434.57	1.11	ppb
Chromium	52-2	488.21	485.29	531.42	501.64	5.15	ppb
Cobalt	59-2	474.30	467.90	517.37	486.52	5.53	ppb
Copper	63-2	965.69	956.55	1054.31	992.19	5.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	56-2	24294.23	24217.58	26562.61	25024.81	5.32	ppb
Iron	57-2	24120.46	23787.39	26201.63	24703.16	5.30	ppb
Krypton	83-1	-219.97	1475.97	62.47	439.49	206.75	ppb
Lead	206-1	503.22	496.31	499.20	499.57	0.69	ppb
Lead	207-1	501.75	497.67	497.72	499.04	0.47	ppb
Lead	208-1	497.49	494.95	493.83	495.42	0.38	ppb
Lithium	6-1				107		%
Magnesium	24-2	50409.71	50013.20	55108.26	51843.72	5.47	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:38:53	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	978.28	972.16	1075.08	1008.51	5.72	ppb
Molybdenum	94-1	2472.34	2452.46	2449.86	2458.22	0.50	ppb
Molybdenum	95-1	2460.61	2459.87	2455.23	2458.57	0.12	ppb
Molybdenum	96-1	2484.64	2450.34	2468.12	2467.70	0.70	ppb
Molybdenum	97-1	2476.19	2431.45	2435.12	2447.58	1.01	ppb
Molybdenum	98-1	2470.48	2448.92	2452.68	2457.36	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.42	477.40	523.70	492.84	5.42	ppb
Phosphorus	31-2	10339.38	9613.14	11124.57	10359.03	7.30	ppb
Potassium	39-2	23789.98	23667.03	25969.91	24475.64	5.29	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	529.81	532.66	539.54	534.01	0.94	ppb
Selenium	78-2	541.53	528.53	551.45	540.50	2.13	ppb
Selenium	82-1	495.40	486.22	496.14	492.59	1.12	ppb
Silicon	28-1	528.66	520.08	527.34	525.36	0.88	ppb
Silver	109-1	523.28	512.99	515.36	517.21	1.04	ppb
Silver	107-1	518.15	512.50	514.97	515.21	0.55	ppb
Sodium	23-2	48969.89	48630.50	53659.00	50419.79	5.57	ppb
Strontium	86-1	493.70	485.81	489.38	489.63	0.81	ppb
Strontium	88-1	494.98	494.23	491.22	493.48	0.40	ppb
Sulfur	34-1	9223.80	8615.85	8820.94	8886.86	3.48	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	497.00	497.01	493.44	495.82	0.42	ppb
Thallium	205-1	494.11	486.66	486.40	489.05	0.89	ppb
Tin	118-1	510.51	499.71	510.17	506.80	1.21	ppb
Titanium	47-1	2527.07	2486.33	2520.66	2511.35	0.87	ppb
Uranium	238-1	487.46	481.90	481.96	483.77	0.66	ppb
Vanadium	51-2	490.05	483.15	535.37	502.86	5.64	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	951.88	942.19	1031.55	975.20	5.03	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:38:53	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.98	492.39	494.01	494.80	0.58	ppb
Zirconium	91-1	500.68	495.02	496.85	497.52	0.58	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 18:04:44	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49516.31	47707.24	48454.64	48559.40	1.87	ppb
Antimony	121-1	489.57	483.68	510.68	494.64	2.87	ppb
Arsenic	75-2	497.14	498.41	506.38	500.65	1.00	ppb
Barium	135-1	2467.48	2474.60	2561.55	2501.21	2.09	ppb
Barium	137-1	2451.31	2432.19	2566.03	2483.18	2.92	ppb
Beryllium	9-1	514.14	499.25	525.30	512.90	2.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	532.54	521.25	561.60	538.46	3.87	ppb
Boron	11-1	528.54	523.69	556.45	536.23	3.30	ppb
Cadmium	111-1	471.10	470.93	498.39	480.14	3.29	ppb
Cadmium	106-1	478.24	474.04	505.85	486.04	3.56	ppb
Cadmium	108-1	468.01	478.51	504.52	483.68	3.89	ppb
Calcium	43-1	226691.27	228654.20	242420.64	232588.70	3.69	ppb
Calcium	44-1	224856.22	226918.01	243003.91	231592.71	4.29	ppb
Chromium	52-2	504.83	491.50	489.92	495.42	1.65	ppb
Cobalt	59-2	494.46	473.54	479.19	482.40	2.24	ppb
Copper	63-2	969.64	911.00	931.03	937.22	3.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	118537.04	113778.56	114979.83	115765.14	2.14	ppb
Iron	57-2	121100.73	114661.41	117356.55	117706.23	2.75	ppb
Krypton	83-1	-67.36	786.40	784.76	501.27	98.24	ppb
Lead	206-1	498.82	489.79	528.21	505.60	3.97	ppb
Lead	207-1	490.43	491.81	518.48	500.24	3.16	ppb
Lead	208-1	489.44	488.40	520.65	499.49	3.67	ppb
Lithium	6-1				104		%
Magnesium	24-2	238937.27	227624.26	231561.79	232707.77	2.47	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 18:04:44	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.22	941.42	949.83	958.82	2.42	ppb
Molybdenum	94-1	2410.91	2414.94	2519.26	2448.37	2.51	ppb
Molybdenum	95-1	2422.84	2405.78	2500.81	2443.14	2.07	ppb
Molybdenum	96-1	2398.81	2385.19	2506.99	2430.33	2.75	ppb
Molybdenum	97-1	2403.86	2391.46	2520.14	2438.49	2.91	ppb
Molybdenum	98-1	2411.48	2393.84	2497.81	2434.38	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.77	488.57	489.99	494.78	1.93	ppb
Phosphorus	31-2	10706.98	10447.15	10758.93	10637.69	1.57	ppb
Potassium	39-2	121465.34	118482.77	119147.82	119698.65	1.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				114		%
Selenium	77-2	429.65	528.07	555.98	504.57	13.15	ppb
Selenium	78-2	490.46	538.43	505.33	511.41	4.80	ppb
Selenium	82-1	478.58	476.11	499.79	484.83	2.69	ppb
Silicon	28-1	514.95	519.38	554.00	529.44	4.04	ppb
Silver	109-1	483.63	487.88	504.16	491.89	2.20	ppb
Silver	107-1	484.80	481.61	508.99	491.80	3.04	ppb
Sodium	23-2	238117.99	229276.15	232499.60	233297.91	1.92	ppb
Strontium	86-1	480.19	473.92	502.65	485.59	3.11	ppb
Strontium	88-1	483.44	481.22	505.77	490.14	2.77	ppb
Sulfur	34-1	8409.49	8598.27	9912.78	8973.51	9.13	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	484.61	496.19	521.98	500.93	3.82	ppb
Thallium	205-1	486.78	486.11	519.68	497.52	3.86	ppb
Tin	118-1	486.15	488.84	519.95	498.31	3.77	ppb
Titanium	47-1	2409.84	2433.60	2573.41	2472.28	3.57	ppb
Uranium	238-1	484.26	484.69	519.49	496.15	4.07	ppb
Vanadium	51-2	490.18	472.16	481.28	481.21	1.87	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	959.14	919.50	934.38	937.67	2.14	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 18:04:44	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	486.99	486.10	511.26	494.78	2.89	ppb
Zirconium	91-1	488.63	480.15	513.17	493.98	3.47	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : CCB80 Instrumnet Name : P8
 Client Sample ID : CCB80 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 18:14:54 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.82	1.81	1.64	0.88	168.32	ppb
Antimony	121-1	0.29	0.30	0.32	0.30	4.73	ppb
Arsenic	75-2	0.06	0.06	0.01	0.04	60.29	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.01	0.02	0.03	0.02	66.65	ppb
Beryllium	9-1	0.19	0.20	0.16	0.18	10.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	10.85	11.51	11.38	11.25	3.13	ppb
Boron	11-1	11.64	10.33	10.78	10.92	6.12	ppb
Cadmium	111-1	0.01	0.00	0.07	0.03	137.57	ppb
Cadmium	106-1	0.10	-0.05	0.90	0.32	162.09	ppb
Cadmium	108-1	0.02	0.05	0.12	0.06	81.32	ppb
Calcium	43-1	-3.62	2.52	-1.21	-0.77		ppb
Calcium	44-1	3.21	1.58	4.54	3.11	47.74	ppb
Chromium	52-2	-0.06	-0.09	-0.10	-0.08		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	-0.01	0.02	0.02	0.01	217.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	1.41	0.90	0.98	1.10	25.06	ppb
Iron	57-2	1.70	1.60	1.39	1.56	10.14	ppb
Krypton	83-1	-1977.83	-3069.51	2154.96	-964.13		ppb
Lead	206-1	0.07	0.08	0.08	0.08	2.54	ppb
Lead	207-1	0.09	0.08	0.08	0.08	6.55	ppb
Lead	208-1	0.08	0.07	0.08	0.08	3.96	ppb
Lithium	6-1				109		%
Magnesium	24-2	7.28	2.51	6.63	5.47	47.23	ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 18:14:54	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.10	-0.07	-0.10		ppb
Molybdenum	94-1	0.26	0.20	0.22	0.23	13.75	ppb
Molybdenum	95-1	0.16	0.18	0.18	0.17	6.20	ppb
Molybdenum	96-1	0.22	0.20	0.23	0.22	7.18	ppb
Molybdenum	97-1	0.18	0.17	0.16	0.17	6.26	ppb
Molybdenum	98-1	0.19	0.18	0.16	0.17	8.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.07	0.03	0.04	96.63	ppb
Phosphorus	31-2	8.05	-8.80	8.12	2.46	396.54	ppb
Potassium	39-2	43.20	59.72	34.34	45.75	28.16	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				115		%
Selenium	77-2	0.00	4.04	0.00	1.35	173.21	ppb
Selenium	78-2	-0.71	-0.71	-0.07	-0.49		ppb
Selenium	82-1	-0.17	0.14	-0.55	-0.20		ppb
Silicon	28-1	-5.90	-5.37	-5.95	-5.74		ppb
Silver	109-1	0.02	0.02	0.01	0.02	7.25	ppb
Silver	107-1	0.02	0.03	0.01	0.02	47.13	ppb
Sodium	23-2	55.52	50.98	63.88	56.79	11.52	ppb
Strontium	86-1	-0.05	-0.06	0.01	-0.04		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	3.08	ppb
Sulfur	34-1	-1064.28	-1099.83	-922.70	-1028.94		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.10	0.12	0.10	0.10	9.09	ppb
Thallium	205-1	0.11	0.10	0.10	0.11	3.68	ppb
Tin	118-1	0.28	0.33	0.29	0.30	8.05	ppb
Titanium	47-1	0.01	0.07	0.01	0.03	99.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.03	-0.01	-0.02		ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	-0.85	-0.61	-0.37	-0.61		ppb

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 18:14:54	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.06	0.05	0.06	16.27	ppb
Zirconium	91-1	0.05	0.07	0.05	0.06	19.71	ppb

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 13:52:45 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	18	13	19	39.87	cps
Antimony	121-1	175	192	225	197	12.91	cps
Arsenic	75-2	0	4	2	2	100.00	cps
Barium	135-1	50	33	67	50	33.34	cps
Barium	137-1	58	67	67	64	7.53	cps
Beryllium	9-1	89	78	117	94	21.21	cps
Bismuth	209-1	4655569	4605303	4678161	4646345	0.80	cps
Bismuth	209-2	1183779	1171736	1120120	1158545	2.92	cps
Boron	10-1	67	150	83	100	44.10	cps
Boron	11-1	433	617	567	539	17.59	cps
Cadmium	111-1	864	879	658	800	15.47	cps
Cadmium	106-1	1225	1242	933	1133	15.30	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	442	458	450	450	1.85	cps
Calcium	44-1	11472	11514	11522	11502	0.23	cps
Chromium	52-2	440	390	497	442	12.07	cps
Cobalt	59-2	73	77	60	70	12.60	cps
Copper	63-2	287	187	237	237	21.13	cps
Dysprosium	156-1	50	17	42	36	48.03	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	0	0	13	4	173.21	cps
Gadolinium	160-1	100	75	33	69	48.50	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	6768075	6712763	6774631	6751823	0.50	cps
Holmium	165-2	1431280	1431078	1373729	1412029	2.35	cps
Indium	115-1	5246369	5267261	5256317	5256649	0.20	cps
Indium	115-2	239488	238287	226662	234812	3.02	cps
Iron	56-2	1083	1211	1350	1215	10.98	cps
Iron	57-2	11	56	17	28	87.18	cps
Krypton	83-1	393	397	390	393	0.85	cps
Lead	206-1	261	239	261	254	5.06	cps
Lead	207-1	272	239	144	219	30.33	cps
Lead	208-1	1139	1072	928	1046	10.31	cps
Lithium	6-1	1052918	1042183	1049076	1048059	0.52	cps
Magnesium	24-2	167	283	250	233	25.76	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 13:52:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	30	60	52	37.40	cps
Molybdenum	94-1	242	192	208	214	11.90	cps
Molybdenum	95-1	67	125	108	100	30.05	cps
Molybdenum	96-1	117	183	158	153	22.04	cps
Molybdenum	97-1	92	100	75	89	14.33	cps
Molybdenum	98-1	208	175	133	172	21.82	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	183	277	253	238	20.43	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2234	2292	2184	2236	2.42	cps
Rhodium	103-1	4997675	5005473	5015158	5006102	0.17	cps
Rhodium	103-2	1330406	1323901	1269138	1307815	2.57	cps
Scandium	45-1	3071960	3049811	3069946	3063906	0.40	cps
Scandium	45-2	24004	23153	22068	23075	4.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-4	39	8	14	160.01	cps
Silicon	28-1	216155	215515	216763	216145	0.29	cps
Silver	109-1	33	42	8	28	62.46	cps
Silver	107-1	50	42	42	44	10.82	cps
Sodium	23-2	5151	4626	4643	4807	6.21	cps
Strontium	86-1	800	792	675	756	9.25	cps
Strontium	88-1	258	283	258	267	5.41	cps
Sulfur	34-1	352065	353818	351841	352575	0.31	cps
Terbium	159-1	6991141	7011348	7049429	7017306	0.42	cps
Terbium	159-2	1396770	1389356	1332811	1372979	2.55	cps
Thallium	203-1	83	125	108	106	19.87	cps
Thallium	205-1	242	242	233	239	2.01	cps
Tin	118-1	800	858	992	883	11.12	cps
Titanium	47-1	125	92	33	83	55.68	cps
Uranium	238-1	108	108	108	108	0.00	cps
Vanadium	51-2	23	27	13	21	32.88	cps
Yttrium	89-1	5424138	5414806	5437227	5425391	0.21	cps
Yttrium	89-2	175545	173594	168530	172556	2.10	cps
Zinc	66-2	197	220	197	204	6.59	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 13:52:45	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	567	383	533	494	19.75	cps
Zirconium	91-1	83	125	75	94	28.37	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:00:18	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	165	145	170	16.37	cps
Antimony	121-1	19682	19173	19782	19546	1.67	cps
Arsenic	75-2	94	100	107	101	6.46	cps
Barium	135-1	21910	21151	21668	21577	1.80	cps
Barium	137-1	37370	37605	36493	37156	1.58	cps
Beryllium	9-1	1333	1511	1572	1472	8.43	cps
Bismuth	209-1	4346679	4865213	4782870	4664920	5.97	cps
Bismuth	209-2	1181210	1132516	1195186	1169637	2.81	cps
Boron	10-1	4067	3917	3934	3973	2.07	cps
Boron	11-1	18663	18821	19739	19074	3.05	cps
Cadmium	111-1	2908	3062	3037	3002	2.76	cps
Cadmium	106-1	1250	1384	1342	1325	5.15	cps
Cadmium	108-1	150	200	188	179	14.53	cps
Calcium	43-1	10546	11480	10679	10902	4.63	cps
Calcium	44-1	186903	185957	185248	186036	0.45	cps
Chromium	52-2	2350	2370	2034	2251	8.39	cps
Cobalt	59-2	1974	2040	1884	1966	4.00	cps
Copper	63-2	3521	3737	3597	3618	3.04	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	67	75	53	59.77	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	75	100	17	64	66.93	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	6365239	6783809	6860857	6669968	4.00	cps
Holmium	165-2	1449607	1398345	1453047	1433666	2.14	cps
Indium	115-1	5052980	5382047	5446556	5293861	3.99	cps
Indium	115-2	240452	230192	236330	235658	2.19	cps
Iron	56-2	31631	31614	31052	31432	1.05	cps
Iron	57-2	889	839	839	856	3.37	cps
Krypton	83-1	367	490	397	418	15.40	cps
Lead	206-1	7391	7786	7036	7404	5.07	cps
Lead	207-1	6708	6641	6569	6639	1.05	cps
Lead	208-1	30026	30181	29086	29764	1.99	cps
Lithium	6-1	995465	1046390	1064246	1035367	3.45	cps
Magnesium	24-2	16001	15058	15734	15598	3.12	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:00:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297	297	307	300	1.92	cps
Molybdenum	94-1	17253	16703	16494	16817	2.33	cps
Molybdenum	95-1	20625	20558	20633	20605	0.20	cps
Molybdenum	96-1	23513	22954	23797	23421	1.83	cps
Molybdenum	97-1	13199	13015	13416	13210	1.52	cps
Molybdenum	98-1	34437	33492	34244	34058	1.47	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	893	860	873	876	1.92	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	10588	10504	9971	10354	3.23	cps
Rhodium	103-1	4834147	5196979	5190863	5073996	4.09	cps
Rhodium	103-2	1341739	1294935	1327639	1321438	1.82	cps
Scandium	45-1	2841477	3086821	3115308	3014535	4.99	cps
Scandium	45-2	23289	22238	23173	22900	2.52	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	22	17	19	19	14.77	cps
Selenium	82-1	758	635	763	718	10.10	cps
Silicon	28-1	281234	283480	277684	280799	1.04	cps
Silver	109-1	10913	10321	10096	10443	4.04	cps
Silver	107-1	11055	10304	11672	11010	6.22	cps
Sodium	23-2	38612	38111	38653	38459	0.79	cps
Strontium	86-1	3659	3292	3359	3437	5.68	cps
Strontium	88-1	22686	24072	23713	23491	3.06	cps
Sulfur	34-1	354723	353645	357048	355139	0.49	cps
Terbium	159-1	6596581	7166411	7200055	6987682	4.85	cps
Terbium	159-2	1405289	1354930	1404001	1388073	2.07	cps
Thallium	203-1	8703	8278	8503	8495	2.51	cps
Thallium	205-1	19891	20242	19849	19994	1.08	cps
Tin	118-1	35598	34036	34362	34665	2.38	cps
Titanium	47-1	5635	5593	5743	5657	1.37	cps
Uranium	238-1	27857	28157	27740	27918	0.77	cps
Vanadium	51-2	3087	3104	3157	3116	1.17	cps
Yttrium	89-1	5310732	5624325	5650688	5528582	3.42	cps
Yttrium	89-2	175201	170866	174029	173365	1.29	cps
Zinc	66-2	553	513	563	543	4.87	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:00:18	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12740	13140	13816	13232	4.11	cps
Zirconium	91-1	2917	2984	3084	2995	2.80	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 14:04:06 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6941	6738	6723	6801	1.79	cps
Antimony	121-1	512932	513803	505873	510870	0.85	cps
Arsenic	75-2	5640	5383	5394	5472	2.66	cps
Barium	135-1	552185	550573	548288	550349	0.36	cps
Barium	137-1	952961	952025	946077	950354	0.39	cps
Beryllium	9-1	71644	72080	71516	71747	0.41	cps
Bismuth	209-1	4765032	5003196	4873962	4880730	2.44	cps
Bismuth	209-2	1182440	1153501	1211087	1182343	2.44	cps
Boron	10-1	7711	8528	8328	8189	5.20	cps
Boron	11-1	38737	39397	40792	39642	2.65	cps
Cadmium	111-1	118970	119457	118602	119010	0.36	cps
Cadmium	106-1	13649	13833	13749	13744	0.67	cps
Cadmium	108-1	8407	8807	8457	8557	2.55	cps
Calcium	43-1	112179	111759	111086	111674	0.49	cps
Calcium	44-1	1842001	1828551	1826984	1832512	0.45	cps
Chromium	52-2	43367	42909	42802	43026	0.70	cps
Cobalt	59-2	95615	95867	93082	94855	1.62	cps
Copper	63-2	163225	162628	162622	162825	0.21	cps
Dysprosium	156-1	50	58	42	50	16.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	6754075	7006958	6957325	6906120	1.94	cps
Holmium	165-2	1452219	1417413	1478819	1449484	2.12	cps
Indium	115-1	5422994	5552718	5477905	5484539	1.19	cps
Indium	115-2	235806	230182	239476	235155	1.99	cps
Iron	56-2	1513908	1515202	1521000	1516703	0.25	cps
Iron	57-2	37256	38181	37518	37651	1.27	cps
Krypton	83-1	357	470	410	412	13.75	cps
Lead	206-1	355913	355947	357765	356541	0.30	cps
Lead	207-1	321065	323989	326107	323720	0.78	cps
Lead	208-1	1449962	1454011	1454615	1452863	0.17	cps
Lithium	6-1	1067101	1091128	1068490	1075573	1.25	cps
Magnesium	24-2	152762	156645	156477	155295	1.41	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 14:04:06 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26178	26041	25824	26014	0.69	cps
Molybdenum	94-1	874362	875148	873500	874336	0.09	cps
Molybdenum	95-1	1076993	1081610	1073271	1077292	0.39	cps
Molybdenum	96-1	1198133	1201810	1193011	1197651	0.37	cps
Molybdenum	97-1	671923	667852	667817	669197	0.35	cps
Molybdenum	98-1	1724367	1718190	1735991	1726183	0.52	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	28175	27855	27865	27965	0.65	cps
Phosphorus	31-2	417	583	508	503	16.60	cps
Potassium	39-2	42774	41261	43669	42568	2.86	cps
Rhodium	103-1	5100380	5225835	5207042	5177752	1.31	cps
Rhodium	103-2	1314304	1297368	1340556	1317409	1.65	cps
Scandium	45-1	2978637	3137070	3093547	3069751	2.67	cps
Scandium	45-2	22555	22111	23537	22734	3.21	cps
Selenium	77-2	33	37	30	33	10.01	cps
Selenium	78-2	135	165	146	149	10.06	cps
Selenium	82-1	7262	6969	7039	7090	2.15	cps
Silicon	28-1	439390	435197	439422	438003	0.55	cps
Silver	109-1	531398	534358	534734	533497	0.34	cps
Silver	107-1	564014	563656	565241	564304	0.15	cps
Sodium	23-2	341356	342627	345374	343119	0.60	cps
Strontium	86-1	134826	134811	133236	134291	0.68	cps
Strontium	88-1	1175097	1168441	1170790	1171443	0.29	cps
Sulfur	34-1	390502	382687	387053	386747	1.01	cps
Terbium	159-1	7134135	7358712	7195339	7229395	1.61	cps
Terbium	159-2	1411462	1382616	1439129	1411069	2.00	cps
Thallium	203-1	438415	437906	442243	439521	0.54	cps
Thallium	205-1	1044604	1051709	1071227	1055847	1.31	cps
Tin	118-1	356312	356883	356991	356729	0.10	cps
Titanium	47-1	271320	269233	268443	269665	0.55	cps
Uranium	238-1	1436738	1425826	1426351	1429638	0.43	cps
Vanadium	51-2	31733	31666	31653	31684	0.14	cps
Yttrium	89-1	5598052	5731800	5687452	5672434	1.20	cps
Yttrium	89-2	170610	167816	175927	171451	2.40	cps
Zinc	66-2	16457	16203	16690	16450	1.48	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:04:06	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	725578	719779	715153	720170	0.73	cps
Zirconium	91-1	163040	160924	157348	160438	1.79	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 14:07:53 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16589	16644	16466	16566	0.55	cps
Antimony	121-1	1287160	1296543	1283905	1289203	0.51	cps
Arsenic	75-2	13408	13557	13358	13441	0.77	cps
Barium	135-1	1381053	1382252	1372567	1378624	0.38	cps
Barium	137-1	2441143	2386222	2411909	2413091	1.14	cps
Beryllium	9-1	177520	178100	177751	177790	0.16	cps
Bismuth	209-1	4809832	4668796	4912726	4797118	2.55	cps
Bismuth	209-2	1189233	1183861	1172722	1181939	0.71	cps
Boron	10-1	19631	20407	19998	20012	1.94	cps
Boron	11-1	95266	96473	100192	97310	2.64	cps
Cadmium	111-1	294998	292718	290212	292642	0.82	cps
Cadmium	106-1	32348	31755	31588	31897	1.25	cps
Cadmium	108-1	21029	21067	20871	20989	0.50	cps
Calcium	43-1	278068	278522	277847	278146	0.12	cps
Calcium	44-1	4498073	4498340	4425043	4473819	0.94	cps
Chromium	52-2	105470	106652	105799	105974	0.58	cps
Cobalt	59-2	231700	232157	232249	232035	0.13	cps
Copper	63-2	398625	401933	396124	398894	0.73	cps
Dysprosium	156-1	33	33	50	39	24.75	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	58	25	31	83.33	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	25	25	67	39	61.86	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	6866994	6687579	6943760	6832778	1.92	cps
Holmium	165-2	1454848	1454713	1449240	1452934	0.22	cps
Indium	115-1	5401572	5219734	5446264	5355857	2.24	cps
Indium	115-2	234771	233472	232200	233481	0.55	cps
Iron	56-2	3689457	3713183	3746615	3716418	0.77	cps
Iron	57-2	93467	92958	92086	92837	0.75	cps
Krypton	83-1	337	370	423	377	11.61	cps
Lead	206-1	890513	895179	894030	893241	0.27	cps
Lead	207-1	810111	805946	810468	808842	0.31	cps
Lead	208-1	3681639	3683616	3704083	3689779	0.34	cps
Lithium	6-1	1053343	1023951	1063218	1046837	1.95	cps
Magnesium	24-2	381587	378920	382518	381008	0.49	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:07:53	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63905	64662	63108	63892	1.22	cps
Molybdenum	94-1	2235462	2219462	2205386	2220103	0.68	cps
Molybdenum	95-1	2725438	2755392	2701834	2727555	0.98	cps
Molybdenum	96-1	3059320	3027843	3037780	3041648	0.53	cps
Molybdenum	97-1	1694709	1719614	1710498	1708274	0.74	cps
Molybdenum	98-1	4339371	4296493	4312625	4316163	0.50	cps
Neodymium	150-1	80	107	60	82	28.48	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	68709	67701	68524	68311	0.79	cps
Phosphorus	31-2	1092	1175	1242	1170	6.43	cps
Potassium	39-2	102094	102564	101388	102015	0.58	cps
Rhodium	103-1	5078243	4910197	5104263	5030901	2.09	cps
Rhodium	103-2	1305894	1309866	1296921	1304227	0.51	cps
Scandium	45-1	3003197	2919984	3039010	2987397	2.04	cps
Scandium	45-2	22795	22745	22535	22692	0.61	cps
Selenium	77-2	90	90	77	86	9.00	cps
Selenium	78-2	324	344	331	333	3.09	cps
Selenium	82-1	17645	17743	17909	17766	0.75	cps
Silicon	28-1	766313	769756	765831	767300	0.28	cps
Silver	109-1	1328717	1334873	1340634	1334741	0.45	cps
Silver	107-1	1401245	1399199	1404640	1401695	0.20	cps
Sodium	23-2	838185	837648	832218	836017	0.39	cps
Strontium	86-1	334314	338215	336381	336303	0.58	cps
Strontium	88-1	2961429	2958265	2945913	2955202	0.28	cps
Sulfur	34-1	427313	430241	427933	428496	0.36	cps
Terbium	159-1	7209529	6974110	7340216	7174618	2.59	cps
Terbium	159-2	1408744	1415472	1402268	1408828	0.47	cps
Thallium	203-1	1096408	1103413	1112432	1104084	0.73	cps
Thallium	205-1	2705318	2709434	2707260	2707337	0.08	cps
Tin	118-1	886238	887661	885859	886586	0.11	cps
Titanium	47-1	666623	674742	665996	669120	0.73	cps
Uranium	238-1	3679553	3676105	3674043	3676567	0.08	cps
Vanadium	51-2	76229	77918	76715	76954	1.13	cps
Yttrium	89-1	5578981	5483928	5706342	5589750	2.00	cps
Yttrium	89-2	171406	171801	169833	171014	0.61	cps
Zinc	66-2	38965	40295	39496	39585	1.69	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:07:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1853954	1853417	1833305	1846892	0.64	cps
Zirconium	91-1	400857	408174	401259	403430	1.02	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:11:32	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33455	33112	32666	33077	1.20	cps
Antimony	121-1	2638357	2632632	2617504	2629498	0.41	cps
Arsenic	75-2	27049	27006	26908	26987	0.27	cps
Barium	135-1	2787847	2814206	2784189	2795414	0.59	cps
Barium	137-1	4769209	4819641	4747303	4778718	0.78	cps
Beryllium	9-1	355585	352951	349982	352839	0.79	cps
Bismuth	209-1	4862618	4561392	4886128	4770046	3.80	cps
Bismuth	209-2	1167708	1176351	1180198	1174752	0.54	cps
Boron	10-1	38862	40751	40642	40085	2.65	cps
Boron	11-1	190761	190396	199029	193395	2.52	cps
Cadmium	111-1	587961	583463	583525	584983	0.44	cps
Cadmium	106-1	61457	60312	62396	61388	1.70	cps
Cadmium	108-1	41380	41548	41614	41514	0.29	cps
Calcium	43-1	556010	551280	550631	552640	0.53	cps
Calcium	44-1	8868894	8872232	8910588	8883905	0.26	cps
Chromium	52-2	207611	207821	205975	207136	0.49	cps
Cobalt	59-2	454070	455070	446960	452033	0.98	cps
Copper	63-2	784395	782807	780337	782513	0.26	cps
Dysprosium	156-1	58	25	75	53	48.24	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	8	8	17	86.64	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	58	33	58	50	28.86	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	7030956	6547767	6991972	6856898	3.91	cps
Holmium	165-2	1443620	1449081	1449947	1447549	0.24	cps
Indium	115-1	5409350	5104752	5374620	5296241	3.15	cps
Indium	115-2	229456	230293	228962	229570	0.29	cps
Iron	56-2	7302530	7296249	7206632	7268470	0.74	cps
Iron	57-2	184515	185112	184324	184650	0.22	cps
Krypton	83-1	417	403	443	421	4.84	cps
Lead	206-1	1805620	1790341	1800910	1798957	0.43	cps
Lead	207-1	1605819	1616139	1620578	1614178	0.47	cps
Lead	208-1	7338543	7321988	7365600	7342044	0.30	cps
Lithium	6-1	1049116	1004870	1037369	1030452	2.22	cps
Magnesium	24-2	751203	751593	745554	749450	0.45	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:11:32	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	124969	124865	125437	125090	0.24	cps
Molybdenum	94-1	4367689	4383629	4366267	4372528	0.22	cps
Molybdenum	95-1	5366402	5374587	5341577	5360855	0.32	cps
Molybdenum	96-1	6020108	5995815	6042008	6019310	0.38	cps
Molybdenum	97-1	3384596	3412611	3422418	3406541	0.58	cps
Molybdenum	98-1	8553599	8506301	8535212	8531704	0.28	cps
Neodymium	150-1	80	100	173	118	41.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	134610	136235	133792	134879	0.92	cps
Phosphorus	31-2	2267	2150	2225	2214	2.67	cps
Potassium	39-2	199951	198370	196275	198199	0.93	cps
Rhodium	103-1	5021060	4819862	5115469	4985463	3.03	cps
Rhodium	103-2	1290769	1282187	1290003	1287653	0.37	cps
Scandium	45-1	3029742	2833023	2987605	2950123	3.51	cps
Scandium	45-2	22425	22688	22124	22413	1.26	cps
Selenium	77-2	203	213	190	202	5.79	cps
Selenium	78-2	737	643	641	673	8.18	cps
Selenium	82-1	34412	35146	34751	34770	1.06	cps
Silicon	28-1	1297601	1287054	1294196	1292950	0.42	cps
Silver	109-1	2696076	2726761	2719032	2713956	0.59	cps
Silver	107-1	2855275	2846718	2830407	2844133	0.44	cps
Sodium	23-2	1682840	1672201	1646719	1667253	1.11	cps
Strontium	86-1	670695	666693	668349	668579	0.30	cps
Strontium	88-1	5852868	5799507	5812163	5821513	0.48	cps
Sulfur	34-1	506131	502008	501002	503047	0.54	cps
Terbium	159-1	7221296	6854016	7186360	7087224	2.86	cps
Terbium	159-2	1400257	1415242	1414731	1410076	0.60	cps
Thallium	203-1	2255756	2244700	2239084	2246513	0.38	cps
Thallium	205-1	5395313	5338810	5406184	5380102	0.67	cps
Tin	118-1	1808813	1795035	1777446	1793765	0.88	cps
Titanium	47-1	1354383	1347274	1335692	1345783	0.70	cps
Uranium	238-1	7298855	7219955	7262019	7260276	0.54	cps
Vanadium	51-2	153823	152589	151907	152773	0.64	cps
Yttrium	89-1	5674285	5353259	5669206	5565583	3.30	cps
Yttrium	89-2	170479	168252	168089	168940	0.79	cps
Zinc	66-2	78866	77491	76969	77775	1.26	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:11:32	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3615901	3642203	3648883	3635662	0.48	cps
Zirconium	91-1	805872	810731	805569	807390	0.36	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:15:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61628	62562	62153	62114	0.75	cps
Antimony	121-1	5189896	5148611	5112254	5150254	0.75	cps
Arsenic	75-2	50919	50386	50785	50697	0.55	cps
Barium	135-1	5436188	5472642	5473468	5460766	0.39	cps
Barium	137-1	9434941	9364499	9304094	9367845	0.70	cps
Beryllium	9-1	680297	677513	673907	677239	0.47	cps
Bismuth	209-1	4973909	4874561	4868501	4905657	1.21	cps
Bismuth	209-2	1154018	1135030	1147358	1145469	0.84	cps
Boron	10-1	78490	77359	76739	77529	1.15	cps
Boron	11-1	369833	378710	383643	377396	1.85	cps
Cadmium	111-1	1147918	1142647	1149356	1146640	0.31	cps
Cadmium	106-1	120988	119080	119578	119882	0.83	cps
Cadmium	108-1	81277	81394	82706	81792	0.97	cps
Calcium	43-1	1069158	1064267	1059640	1064355	0.45	cps
Calcium	44-1	17195894	17089421	17064822	17116712	0.41	cps
Chromium	52-2	389943	392569	385076	389196	0.98	cps
Cobalt	59-2	853687	853878	847968	851844	0.39	cps
Copper	63-2	1476550	1471306	1457591	1468482	0.67	cps
Dysprosium	156-1	108	133	50	97	43.99	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	50	75	125	83	45.83	cps
Gadolinium	160-2	7	7	20	11	69.25	cps
Holmium	165-1	7149254	6934780	7071861	7051965	1.54	cps
Holmium	165-2	1436701	1419051	1437514	1431089	0.73	cps
Indium	115-1	5440170	5261843	5317554	5339856	1.71	cps
Indium	115-2	216874	216236	217888	216999	0.38	cps
Iron	56-2	13777064	13613671	13616812	13669182	0.68	cps
Iron	57-2	347277	347958	343810	346348	0.64	cps
Krypton	83-1	467	433	383	428	9.80	cps
Lead	206-1	3599239	3587474	3627927	3604880	0.58	cps
Lead	207-1	3264065	3287979	3320943	3290996	0.87	cps
Lead	208-1	14666712	14701468	14824610	14730930	0.56	cps
Lithium	6-1	1058579	1025728	1030311	1038206	1.71	cps
Magnesium	24-2	1435419	1436355	1417677	1429817	0.74	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:15:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	235579	235356	234535	235157	0.23	cps
Molybdenum	94-1	8421695	8533201	8489593	8481497	0.66	cps
Molybdenum	95-1	10493340	10441082	10511854	10482092	0.35	cps
Molybdenum	96-1	11836210	11757114	11649443	11747589	0.80	cps
Molybdenum	97-1	6657350	6580794	6635481	6624542	0.60	cps
Molybdenum	98-1	16851263	16797959	16724453	16791225	0.38	cps
Neodymium	150-1	227	207	260	231	11.66	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	252750	250748	249295	250931	0.69	cps
Phosphorus	31-2	4034	3884	3917	3945	2.00	cps
Potassium	39-2	364302	366101	361756	364053	0.60	cps
Rhodium	103-1	5063058	4894599	4933201	4963620	1.78	cps
Rhodium	103-2	1245712	1225738	1242585	1238012	0.87	cps
Scandium	45-1	3016546	2947342	2934737	2966209	1.48	cps
Scandium	45-2	21206	20595	21079	20960	1.54	cps
Selenium	77-2	327	403	337	356	11.72	cps
Selenium	78-2	1206	1241	1204	1217	1.72	cps
Selenium	82-1	68099	67557	67775	67810	0.40	cps
Silicon	28-1	2218353	2191624	2192910	2200962	0.68	cps
Silver	109-1	5249108	5192105	5226788	5222667	0.55	cps
Silver	107-1	5455036	5433496	5466086	5451539	0.30	cps
Sodium	23-2	3129001	3092865	3059804	3093890	1.12	cps
Strontium	86-1	1305258	1312869	1308324	1308817	0.29	cps
Strontium	88-1	11405251	11335443	11302925	11347873	0.46	cps
Sulfur	34-1	631647	629486	633710	631614	0.33	cps
Terbium	159-1	7386413	7143297	7285568	7271759	1.68	cps
Terbium	159-2	1383104	1385371	1391687	1386721	0.32	cps
Thallium	203-1	4461364	4436400	4476387	4458050	0.45	cps
Thallium	205-1	10595969	10579984	10668540	10614831	0.44	cps
Tin	118-1	3540822	3554263	3544352	3546479	0.20	cps
Titanium	47-1	2571379	2598580	2564169	2578043	0.70	cps
Uranium	238-1	14780861	14609721	14642387	14677657	0.62	cps
Vanadium	51-2	287821	289875	285772	287823	0.71	cps
Yttrium	89-1	5698013	5526637	5538888	5587846	1.71	cps
Yttrium	89-2	162638	162470	161002	162037	0.56	cps
Zinc	66-2	149502	147999	147541	148348	0.69	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:15:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7067172	7100485	6983122	7050260	0.86	cps
Zirconium	91-1	1593912	1602548	1602082	1599514	0.30	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:18:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120072	120052	119795	119973	0.13	cps
Antimony	121-1	10183568	10161896	10161842	10169102	0.12	cps
Arsenic	75-2	98998	98878	99419	99098	0.29	cps
Barium	135-1	10793814	10757661	10767981	10773152	0.17	cps
Barium	137-1	18601879	18651454	18593963	18615765	0.17	cps
Beryllium	9-1	1325772	1325469	1308358	1319867	0.76	cps
Bismuth	209-1	4840329	4965195	4966487	4924004	1.47	cps
Bismuth	209-2	1146654	1134212	1152327	1144397	0.81	cps
Boron	10-1	149933	153142	155222	152766	1.74	cps
Boron	11-1	725773	740575	749419	738589	1.62	cps
Cadmium	111-1	2283079	2268709	2260623	2270804	0.50	cps
Cadmium	106-1	235531	236713	233802	235349	0.62	cps
Cadmium	108-1	162434	160732	160795	161320	0.60	cps
Calcium	43-1	2048548	2041575	2010725	2033616	0.99	cps
Calcium	44-1	32948055	33152993	32906215	33002421	0.40	cps
Chromium	52-2	745321	755362	752122	750935	0.68	cps
Cobalt	59-2	1660903	1680092	1683185	1674727	0.72	cps
Copper	63-2	2867036	2878572	2857064	2867557	0.38	cps
Dysprosium	156-1	142	167	108	139	21.07	cps
Dysprosium	156-2	23	3	3	10	115.51	cps
Erbium	164-1	33	25	75	44	60.28	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	67	83	158	103	47.51	cps
Gadolinium	160-2	27	20	3	17	72.13	cps
Holmium	165-1	7042451	7100923	7105661	7083012	0.50	cps
Holmium	165-2	1441205	1426813	1446174	1438064	0.70	cps
Indium	115-1	5165715	5215315	5306423	5229151	1.36	cps
Indium	115-2	208448	206301	210238	208329	0.95	cps
Iron	56-2	26553406	26278543	26389463	26407137	0.52	cps
Iron	57-2	668899	669688	668298	668962	0.10	cps
Krypton	83-1	433	383	423	413	6.40	cps
Lead	206-1	7180185	7149563	7127921	7152556	0.37	cps
Lead	207-1	6549599	6524155	6527886	6533880	0.21	cps
Lead	208-1	29381301	29319273	29379455	29360010	0.12	cps
Lithium	6-1	1002214	1009932	1010684	1007610	0.47	cps
Magnesium	24-2	2750593	2793418	2726328	2756779	1.23	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 14:18:36 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	452439	451882	454286	452869	0.28	cps
Molybdenum	94-1	16776883	16755790	16792321	16774998	0.11	cps
Molybdenum	95-1	20592357	20824855	20623571	20680261	0.61	cps
Molybdenum	96-1	23184263	23362769	23144236	23230423	0.50	cps
Molybdenum	97-1	13071195	13061639	13062621	13065151	0.04	cps
Molybdenum	98-1	33116961	33051626	33095872	33088153	0.10	cps
Neodymium	150-1	380	480	387	416	13.45	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	481265	483735	478556	481185	0.54	cps
Phosphorus	31-2	7686	7611	7727	7675	0.77	cps
Potassium	39-2	692936	704918	694420	697425	0.94	cps
Rhodium	103-1	4770170	4796381	4886811	4817788	1.27	cps
Rhodium	103-2	1223899	1208249	1228615	1220254	0.87	cps
Scandium	45-1	2839150	2895005	2874441	2869532	0.98	cps
Scandium	45-2	20622	20412	20852	20629	1.07	cps
Selenium	77-2	710	670	693	691	2.91	cps
Selenium	78-2	2448	2387	2441	2426	1.38	cps
Selenium	82-1	133434	132654	131977	132689	0.55	cps
Silicon	28-1	3901600	3903806	3823142	3876183	1.19	cps
Silver	109-1	10082449	10116510	10114026	10104328	0.19	cps
Silver	107-1	10564335	10651077	10540312	10585241	0.55	cps
Sodium	23-2	5972118	5968154	5936020	5958764	0.33	cps
Strontium	86-1	2603937	2575924	2577150	2585670	0.61	cps
Strontium	88-1	22334779	22359008	22468369	22387385	0.32	cps
Sulfur	34-1	903859	902634	894993	900495	0.53	cps
Terbium	159-1	7277957	7395166	7370490	7347871	0.84	cps
Terbium	159-2	1391882	1376736	1403872	1390830	0.98	cps
Thallium	203-1	8883512	8909040	8861686	8884746	0.27	cps
Thallium	205-1	21464003	21410813	21411779	21428865	0.14	cps
Tin	118-1	6981925	6948929	6961079	6963978	0.24	cps
Titanium	47-1	4953136	4943589	4925842	4940856	0.28	cps
Uranium	238-1	29947757	29804719	29842276	29864917	0.25	cps
Vanadium	51-2	555702	559956	558958	558205	0.40	cps
Yttrium	89-1	5470762	5530469	5556591	5519274	0.80	cps
Yttrium	89-2	161239	158470	161286	160332	1.01	cps
Zinc	66-2	279567	281341	279698	280202	0.35	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:18:36	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13912123	13834909	13939622	13895551	0.39	cps
Zirconium	91-1	3155155	3149410	3152779	3152448	0.09	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:22:02	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	690939	695793	708915	698549	1.33	cps
Antimony	121-1	28432	27137	25909	27159	4.64	cps
Arsenic	75-2	165	135	207	169	21.46	cps
Barium	135-1	3067	2859	2992	2973	3.55	cps
Barium	137-1	5310	5310	5235	5285	0.82	cps
Beryllium	9-1	806	817	722	782	6.61	cps
Bismuth	209-1	4524366	4519222	4434436	4492675	1.12	cps
Bismuth	209-2	1081205	1059332	1020345	1053627	2.93	cps
Boron	10-1	7644	6677	5976	6766	12.38	cps
Boron	11-1	35695	32730	31018	33148	7.14	cps
Cadmium	111-1	1220	1073	1371	1221	12.18	cps
Cadmium	106-1	1175	1100	1433	1236	14.15	cps
Cadmium	108-1	46	79	29	51	49.54	cps
Calcium	43-1	10663868	10849976	10914584	10809476	1.20	cps
Calcium	44-1	175312166	176571133	178271029	176718110	0.84	cps
Chromium	52-2	38948	38647	39436	39010	1.02	cps
Cobalt	59-2	23333	23407	22755	23165	1.54	cps
Copper	63-2	7022	6858	7079	6986	1.64	cps
Dysprosium	156-1	150	92	133	125	24.04	cps
Dysprosium	156-2	10	10	23	14	53.28	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	117	100	158	125	24.03	cps
Gadolinium	160-2	40	17	20	26	49.38	cps
Holmium	165-1	6981724	6938901	6873262	6931296	0.79	cps
Holmium	165-2	1447626	1432691	1350899	1410405	3.69	cps
Indium	115-1	5165961	5248868	5148074	5187635	1.04	cps
Indium	115-2	223892	226141	214590	221541	2.76	cps
Iron	56-2	144255587	144614831	144909764	144593394	0.23	cps
Iron	57-2	3673436	3647353	3692030	3670939	0.61	cps
Krypton	83-1	530	343	487	453	21.55	cps
Lead	206-1	7080	7269	6780	7043	3.50	cps
Lead	207-1	6091	6513	5991	6198	4.47	cps
Lead	208-1	28358	28852	27479	28230	2.46	cps
Lithium	6-1	1009103	994407	1005640	1003050	0.77	cps
Magnesium	24-2	14885716	14956684	15115927	14986109	0.79	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:22:02	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3317	3097	3040	3152	4.64	cps
Molybdenum	94-1	21551	20233	19156	20313	5.90	cps
Molybdenum	95-1	32532	32039	32482	32351	0.84	cps
Molybdenum	96-1	39216	37954	36902	38024	3.05	cps
Molybdenum	97-1	20207	20491	19423	20041	2.76	cps
Molybdenum	98-1	52837	52578	50788	52068	2.14	cps
Neodymium	150-1	107	147	93	116	24.02	cps
Neodymium	150-2	3	33	13	17	91.67	cps
Nickel	60-2	18880	19681	19240	19267	2.08	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	4069940	4108603	4139865	4106136	0.85	cps
Rhodium	103-1	4703252	4669053	4695814	4689373	0.38	cps
Rhodium	103-2	1203840	1202034	1138309	1181394	3.16	cps
Scandium	45-1	2980828	3009110	2967615	2985851	0.71	cps
Scandium	45-2	23133	22825	21590	22516	3.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	-9	176	89	85	108.69	cps
Silicon	28-1	323316	327595	333987	328299	1.64	cps
Silver	109-1	1225	1175	1175	1192	2.42	cps
Silver	107-1	1058	1217	1142	1139	6.95	cps
Sodium	23-2	32993850	33002276	33649659	33215262	1.13	cps
Strontium	86-1	12756	12540	12957	12751	1.64	cps
Strontium	88-1	102786	101225	102676	102229	0.85	cps
Sulfur	34-1	324705	328060	330904	327890	0.95	cps
Terbium	159-1	7245928	7126007	7062046	7144660	1.31	cps
Terbium	159-2	1399525	1391143	1310513	1367060	3.60	cps
Thallium	203-1	4484	4118	4134	4245	4.88	cps
Thallium	205-1	10763	10363	9262	10130	7.67	cps
Tin	118-1	9312	9454	9304	9356	0.90	cps
Titanium	47-1	1292	1250	1058	1200	10.37	cps
Uranium	238-1	5118	5026	4443	4862	7.53	cps
Vanadium	51-2	413	400	297	370	17.26	cps
Yttrium	89-1	5568963	5531566	5540155	5546895	0.35	cps
Yttrium	89-2	171614	171496	164057	169056	2.56	cps
Zinc	66-2	2067	2077	2147	2097	2.08	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 14:22:02	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3676	3626	3517	3606	2.25	cps
Zirconium	91-1	725	725	758	736	2.61	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:04:15 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3927	4042	4067	4012	1.86	cps
Antimony	121-1	2029151	2040611	2037338	2035700	0.29	cps
Arsenic	75-2	22997	23071	22928	22999	0.31	cps
Barium	135-1	216570	214885	217722	216392	0.66	cps
Barium	137-1	380089	376682	375938	377570	0.59	cps
Beryllium	9-1	145763	143863	145982	145202	0.80	cps
Bismuth	209-1	4972112	4892610	4878636	4914453	1.03	cps
Bismuth	209-2	1235860	1220600	1203769	1220076	1.32	cps
Boron	10-1	76011	77090	78875	77325	1.87	cps
Boron	11-1	365541	376348	388420	376770	3.04	cps
Cadmium	111-1	236373	239887	239803	238688	0.84	cps
Cadmium	106-1	39058	40395	39551	39668	1.70	cps
Cadmium	108-1	21810	21943	21421	21725	1.25	cps
Calcium	43-1	50935	50634	49789	50453	1.18	cps
Calcium	44-1	783957	790274	786564	786932	0.40	cps
Chromium	52-2	88206	90245	88850	89100	1.17	cps
Cobalt	59-2	197596	198566	196882	197682	0.43	cps
Copper	63-2	170362	170991	169208	170187	0.53	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	108	75	100	94	18.37	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	8	33	42	28	62.46	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	7188228	6969633	7038634	7065499	1.58	cps
Holmium	165-2	1508503	1475706	1487120	1490443	1.12	cps
Indium	115-1	5698467	5582266	5537398	5606044	1.48	cps
Indium	115-2	247275	243435	242204	244305	1.08	cps
Iron	56-2	639065	641076	631014	637051	0.84	cps
Iron	57-2	15832	16104	15748	15895	1.17	cps
Krypton	83-1	370	437	480	429	12.92	cps
Lead	206-1	1415834	1402255	1401961	1406684	0.56	cps
Lead	207-1	1228032	1228744	1228486	1228421	0.03	cps
Lead	208-1	5714678	5693173	5679191	5695680	0.31	cps
Lithium	6-1	1138116	1109156	1115238	1120837	1.36	cps
Magnesium	24-2	40157	40283	39664	40035	0.82	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:04:15 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27460	26906	27063	27143	1.05	cps
Molybdenum	94-1	3731708	3724818	3758171	3738232	0.47	cps
Molybdenum	95-1	2095019	2107331	2091871	2098074	0.39	cps
Molybdenum	96-1	2695644	2722791	2725734	2714723	0.61	cps
Molybdenum	97-1	1278120	1282464	1286839	1282474	0.34	cps
Molybdenum	98-1	3277085	3319305	3318098	3304829	0.73	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	58493	58455	58924	58624	0.44	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	38102	38253	37442	37933	1.14	cps
Rhodium	103-1	5428927	5345555	5342275	5372252	0.91	cps
Rhodium	103-2	1396213	1374396	1370067	1380225	1.02	cps
Scandium	45-1	3349980	3327893	3305892	3327922	0.66	cps
Scandium	45-2	26716	25410	25634	25920	2.69	cps
Selenium	77-2	153	237	193	194	21.43	cps
Selenium	78-2	646	548	585	593	8.36	cps
Selenium	82-1	28312	28473	28417	28400	0.29	cps
Silicon	28-1	2404743	2373246	2372181	2383390	0.78	cps
Silver	109-1	1052121	1055885	1058695	1055567	0.31	cps
Silver	107-1	1108450	1116719	1119410	1114860	0.51	cps
Sodium	23-2	149469	149991	150404	149955	0.31	cps
Strontium	86-1	1287046	1294445	1297699	1293063	0.42	cps
Strontium	88-1	11264352	11379818	11386358	11343510	0.61	cps
Sulfur	34-1	362930	357909	357547	359462	0.84	cps
Terbium	159-1	7522193	7329870	7350401	7400821	1.43	cps
Terbium	159-2	1449861	1451751	1452023	1451212	0.08	cps
Thallium	203-1	1753869	1777516	1781081	1770822	0.84	cps
Thallium	205-1	4250181	4248949	4268004	4255712	0.25	cps
Tin	118-1	3374950	3429093	3407214	3403753	0.80	cps
Titanium	47-1	537044	539039	535775	537286	0.31	cps
Uranium	238-1	13536232	13526035	13572279	13544848	0.18	cps
Vanadium	51-2	67080	67451	65030	66520	1.96	cps
Yttrium	89-1	5987868	5876300	5866724	5910297	1.14	cps
Yttrium	89-2	186441	184852	184572	185289	0.54	cps
Zinc	66-2	33852	33300	33133	33428	1.12	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:04:15	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6961643	6977356	7013985	6984328	0.38	cps
Zirconium	91-1	1555682	1558227	1581581	1565163	0.91	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:22:05 DataFile Name : 013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188	148	125	153	20.65	cps
Antimony	121-1	21051	20508	20700	20753	1.33	cps
Arsenic	75-2	148	124	102	125	18.57	cps
Barium	135-1	20634	21802	21802	21413	3.15	cps
Barium	137-1	37663	37588	36777	37343	1.32	cps
Beryllium	9-1	1617	1700	1606	1641	3.15	cps
Bismuth	209-1	4631534	4939454	4845062	4805350	3.28	cps
Bismuth	209-2	1229043	1232986	1175438	1212489	2.65	cps
Boron	10-1	4651	4759	4893	4768	2.54	cps
Boron	11-1	20974	22393	22218	21862	3.54	cps
Cadmium	111-1	2945	3095	3127	3056	3.18	cps
Cadmium	106-1	1250	1358	1492	1367	8.86	cps
Cadmium	108-1	150	188	179	172	11.44	cps
Calcium	43-1	11572	12314	11480	11789	3.88	cps
Calcium	44-1	192706	195459	194150	194105	0.71	cps
Chromium	52-2	2497	2267	2540	2435	6.03	cps
Cobalt	59-2	2094	1920	2167	2060	6.15	cps
Copper	63-2	3727	3787	3604	3706	2.52	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	42	42	56	43.30	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	42	67	33	47	36.73	cps
Gadolinium	160-2	10	20	10	13	43.30	cps
Holmium	165-1	6765656	7042983	6958171	6922270	2.05	cps
Holmium	165-2	1502249	1495925	1451110	1483094	1.88	cps
Indium	115-1	5421538	5665950	5622056	5569848	2.34	cps
Indium	115-2	256912	251842	245452	251402	2.28	cps
Iron	56-2	34855	33530	34098	34161	1.95	cps
Iron	57-2	795	844	822	820	3.05	cps
Krypton	83-1	433	383	413	410	6.14	cps
Lead	206-1	7480	7508	7436	7475	0.49	cps
Lead	207-1	6646	6708	6769	6708	0.91	cps
Lead	208-1	30671	29959	29948	30193	1.37	cps
Lithium	6-1	1048421	1111473	1099952	1086615	3.09	cps
Magnesium	24-2	16544	16794	17895	17078	4.21	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:22:05	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	317	323	347	329	4.79	cps
Molybdenum	94-1	18672	19064	18113	18616	2.57	cps
Molybdenum	95-1	20792	20942	21701	21145	2.31	cps
Molybdenum	96-1	24198	24239	22762	23733	3.54	cps
Molybdenum	97-1	14100	13315	13616	13677	2.89	cps
Molybdenum	98-1	33910	33676	34378	33988	1.05	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	870	860	873	868	0.80	cps
Phosphorus	31-2	33	0	8	14	124.91	cps
Potassium	39-2	12389	11655	12690	12245	4.34	cps
Rhodium	103-1	5163668	5390516	5315217	5289801	2.18	cps
Rhodium	103-2	1403350	1386453	1353695	1381166	1.83	cps
Scandium	45-1	3152645	3383936	3325095	3287225	3.66	cps
Scandium	45-2	26706	26635	25390	26244	2.82	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	22	11	15	16	35.26	cps
Selenium	82-1	710	714	724	716	0.99	cps
Silicon	28-1	293145	290578	287899	290541	0.90	cps
Silver	109-1	10071	10505	10671	10416	2.98	cps
Silver	107-1	11214	10922	10930	11022	1.51	cps
Sodium	23-2	44346	44286	44036	44223	0.37	cps
Strontium	86-1	3551	3409	3692	3551	3.99	cps
Strontium	88-1	23922	23204	23521	23549	1.53	cps
Sulfur	34-1	370724	369667	372386	370926	0.37	cps
Terbium	159-1	7110654	7278904	7281962	7223840	1.36	cps
Terbium	159-2	1457405	1451089	1415868	1441454	1.55	cps
Thallium	203-1	9087	8528	8595	8737	3.49	cps
Thallium	205-1	20868	20342	21227	20812	2.14	cps
Tin	118-1	35164	35105	34955	35075	0.31	cps
Titanium	47-1	5485	5768	5443	5565	3.18	cps
Uranium	238-1	27649	28651	27415	27905	2.35	cps
Vanadium	51-2	3330	3307	3314	3317	0.36	cps
Yttrium	89-1	5635962	5889959	5841880	5789267	2.33	cps
Yttrium	89-2	190229	187126	182724	186693	2.02	cps
Zinc	66-2	553	530	543	542	2.16	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:22:05	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17721	17403	16469	17198	3.78	cps
Zirconium	91-1	3517	3717	3642	3626	2.79	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:25:31 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	8	15	11	35.25	cps
Antimony	121-1	517	508	733	586	21.77	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	33	25	33	31	15.75	cps
Barium	137-1	50	58	58	56	8.67	cps
Beryllium	9-1	183	194	183	187	3.43	cps
Bismuth	209-1	4844134	4816032	4818792	4826320	0.32	cps
Bismuth	209-2	1235769	1191894	1213619	1213761	1.81	cps
Boron	10-1	900	783	792	825	7.89	cps
Boron	11-1	4101	3742	3717	3853	5.57	cps
Cadmium	111-1	848	1069	898	938	12.32	cps
Cadmium	106-1	1200	1483	1292	1325	10.91	cps
Cadmium	108-1	0	4	21	8	132.26	cps
Calcium	43-1	442	358	442	414	11.62	cps
Calcium	44-1	11831	11772	11789	11797	0.25	cps
Chromium	52-2	433	393	377	401	7.26	cps
Cobalt	59-2	57	60	60	59	3.26	cps
Copper	63-2	250	227	280	252	10.60	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	6982223	7059357	6974665	7005415	0.67	cps
Holmium	165-2	1510348	1462640	1485965	1486317	1.61	cps
Indium	115-1	5650477	5523548	5585281	5586436	1.14	cps
Indium	115-2	255473	248712	254085	252757	1.41	cps
Iron	56-2	1417	1200	1522	1380	11.91	cps
Iron	57-2	39	17	39	31	40.75	cps
Krypton	83-1	440	387	483	437	11.09	cps
Lead	206-1	356	428	406	396	9.33	cps
Lead	207-1	267	289	256	270	6.28	cps
Lead	208-1	1400	1439	1489	1443	3.09	cps
Lithium	6-1	1076738	1093151	1086088	1085326	0.76	cps
Magnesium	24-2	375	200	250	275	32.78	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:25:31 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	50	40	41	20.41	cps
Molybdenum	94-1	458	425	400	428	6.84	cps
Molybdenum	95-1	133	292	258	228	36.65	cps
Molybdenum	96-1	267	258	333	286	14.37	cps
Molybdenum	97-1	133	167	175	158	13.93	cps
Molybdenum	98-1	350	275	275	300	14.43	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	207	257	213	226	12.04	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2675	2767	2717	2720	1.69	cps
Rhodium	103-1	5428874	5348835	5338772	5372161	0.92	cps
Rhodium	103-2	1417669	1375799	1399894	1397787	1.50	cps
Scandium	45-1	3376320	3332634	3331582	3346845	0.76	cps
Scandium	45-2	27026	25791	26375	26397	2.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-13	39	-1	9	316.82	cps
Silicon	28-1	221935	223796	224178	223303	0.54	cps
Silver	109-1	67	58	25	50	44.10	cps
Silver	107-1	92	67	50	69	30.20	cps
Sodium	23-2	6960	6518	6894	6791	3.51	cps
Strontium	86-1	750	717	808	758	6.12	cps
Strontium	88-1	200	158	225	194	17.32	cps
Sulfur	34-1	370022	369384	374248	371218	0.71	cps
Terbium	159-1	7281154	7299844	7176262	7252420	0.92	cps
Terbium	159-2	1465596	1426314	1452967	1448292	1.38	cps
Thallium	203-1	225	208	250	228	9.21	cps
Thallium	205-1	533	517	533	528	1.82	cps
Tin	118-1	942	833	783	853	9.49	cps
Titanium	47-1	67	50	42	53	24.12	cps
Uranium	238-1	83	67	83	78	12.37	cps
Vanadium	51-2	7	0	10	6	91.64	cps
Yttrium	89-1	5870134	5870023	5867096	5869084	0.03	cps
Yttrium	89-2	190377	184345	190297	188340	1.84	cps
Zinc	66-2	167	133	143	148	11.57	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:25:31	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1050	1075	1075	1067	1.35	cps
Zirconium	91-1	233	225	242	233	3.57	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:28:57 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617542	620081	615522	617715	0.37	cps
Antimony	121-1	11013	11914	11706	11544	4.09	cps
Arsenic	75-2	24	39	46	36	31.08	cps
Barium	135-1	3209	3134	3651	3331	8.38	cps
Barium	137-1	5693	5810	5893	5799	1.73	cps
Beryllium	9-1	511	561	506	526	5.82	cps
Bismuth	209-1	4698706	4726244	4780885	4735278	0.88	cps
Bismuth	209-2	1146866	1126812	1152589	1142089	1.19	cps
Boron	10-1	1008	875	900	928	7.64	cps
Boron	11-1	4426	4226	4368	4340	2.37	cps
Cadmium	111-1	1493	1698	1888	1693	11.66	cps
Cadmium	106-1	1292	1208	1317	1272	4.46	cps
Cadmium	108-1	1421	1354	1275	1350	5.41	cps
Calcium	43-1	2123341	2127432	2152433	2134402	0.74	cps
Calcium	44-1	34399653	34481795	34638955	34506801	0.35	cps
Chromium	52-2	19440	19360	19387	19396	0.21	cps
Cobalt	59-2	2214	2187	2204	2201	0.61	cps
Copper	63-2	12396	12412	12589	12466	0.86	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	83	50	75	69	24.98	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	50	92	33	58	51.51	cps
Gadolinium	160-2	7	10	23	13	66.12	cps
Holmium	165-1	6972431	7099079	7138812	7070107	1.23	cps
Holmium	165-2	1467276	1450140	1469604	1462340	0.73	cps
Indium	115-1	5335488	5423473	5485423	5414795	1.39	cps
Indium	115-2	232831	230551	233861	232415	0.73	cps
Iron	56-2	57685843	57933033	57750590	57789822	0.22	cps
Iron	57-2	1474858	1500344	1494582	1489928	0.90	cps
Krypton	83-1	427	400	490	439	10.53	cps
Lead	206-1	34642	34241	34843	34575	0.89	cps
Lead	207-1	28176	27725	27970	27957	0.81	cps
Lead	208-1	133526	131578	132006	132370	0.77	cps
Lithium	6-1	1025311	1021882	1045997	1031063	1.27	cps
Magnesium	24-2	2999324	3019049	2985703	3001359	0.56	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:28:57 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2140	2247	1994	2127	5.98	cps
Molybdenum	94-1	4688339	4686710	4706165	4693738	0.23	cps
Molybdenum	95-1	8264787	8241918	8202190	8236298	0.38	cps
Molybdenum	96-1	8910570	8934704	8908225	8917833	0.16	cps
Molybdenum	97-1	5226647	5214223	5253148	5231339	0.38	cps
Molybdenum	98-1	13162761	13170294	13146151	13159735	0.09	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	4231	4297	4054	4194	3.00	cps
Phosphorus	31-2	44136	43301	43769	43735	0.96	cps
Potassium	39-2	1613252	1599346	1606907	1606502	0.43	cps
Rhodium	103-1	4964628	5034562	5074465	5024552	1.11	cps
Rhodium	103-2	1286726	1272401	1293929	1284352	0.85	cps
Scandium	45-1	3053780	3099220	3126818	3093273	1.19	cps
Scandium	45-2	23684	22769	23303	23252	1.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	52	72	-63	20	357.00	cps
Silicon	28-1	332200	328112	330092	330135	0.62	cps
Silver	109-1	500	575	592	556	8.79	cps
Silver	107-1	392	633	683	569	27.39	cps
Sodium	23-2	6518020	6507432	6485615	6503689	0.25	cps
Strontium	86-1	88327	89233	88630	88730	0.52	cps
Strontium	88-1	772127	768697	776484	772436	0.51	cps
Sulfur	34-1	2878854	2817003	2850311	2848723	1.09	cps
Terbium	159-1	7321365	7351897	7406739	7360001	0.59	cps
Terbium	159-2	1420511	1395630	1429706	1415282	1.25	cps
Thallium	203-1	700	800	842	781	9.33	cps
Thallium	205-1	1717	1750	1875	1781	4.69	cps
Tin	118-1	2150	2142	2184	2159	1.02	cps
Titanium	47-1	2133766	2161837	2139892	2145165	0.69	cps
Uranium	238-1	508	467	467	481	5.01	cps
Vanadium	51-2	127	113	90	110	16.87	cps
Yttrium	89-1	5682453	5731126	5806826	5740135	1.09	cps
Yttrium	89-2	175545	172304	176095	174648	1.17	cps
Zinc	66-2	2070	1897	2054	2007	4.77	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:28:57	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7427	6293	5543	6421	14.77	cps
Zirconium	91-1	1550	1358	1242	1383	11.25	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	624472	620778	611971	619074	1.04	cps
Antimony	121-1	213708	214021	216557	214762	0.73	cps
Arsenic	75-2	2154	2172	2206	2177	1.21	cps
Barium	135-1	46742	47386	47302	47143	0.74	cps
Barium	137-1	81375	81291	81837	81501	0.36	cps
Beryllium	9-1	27827	27972	27933	27911	0.27	cps
Bismuth	209-1	4780568	4634975	4790162	4735235	1.84	cps
Bismuth	209-2	1144536	1158091	1148611	1150413	0.60	cps
Boron	10-1	875	808	942	875	7.62	cps
Boron	11-1	3642	3759	3817	3740	2.38	cps
Cadmium	111-1	45980	45935	46383	46099	0.53	cps
Cadmium	106-1	4843	5085	5118	5015	2.99	cps
Cadmium	108-1	4351	4263	4092	4235	3.10	cps
Calcium	43-1	2180816	2170217	2177122	2176051	0.25	cps
Calcium	44-1	34919504	35023310	34926370	34956395	0.17	cps
Chromium	52-2	38864	38536	38941	38781	0.55	cps
Cobalt	59-2	39088	38901	39155	39048	0.34	cps
Copper	63-2	44307	44428	43461	44065	1.19	cps
Dysprosium	156-1	92	42	50	61	43.83	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	27	7	7	13	86.58	cps
Holmium	165-1	7139994	6932709	7183923	7085542	1.89	cps
Holmium	165-2	1468282	1488989	1461978	1473083	0.96	cps
Indium	115-1	5517060	5354140	5520365	5463855	1.74	cps
Indium	115-2	237553	236886	234478	236306	0.68	cps
Iron	56-2	58424568	57867960	57710514	58001014	0.65	cps
Iron	57-2	1480137	1490944	1476193	1482424	0.52	cps
Krypton	83-1	497	400	447	448	10.80	cps
Lead	206-1	177196	176448	176819	176821	0.21	cps
Lead	207-1	148087	147193	148580	147953	0.48	cps
Lead	208-1	683534	681921	684215	683223	0.17	cps
Lithium	6-1	1030315	990530	1028609	1016485	2.21	cps
Magnesium	24-2	2986358	2985201	2975330	2982296	0.20	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6872	7182	7092	7049	2.26	cps
Molybdenum	94-1	4753276	4709837	4711347	4724820	0.52	cps
Molybdenum	95-1	8365434	8263924	8276783	8302047	0.67	cps
Molybdenum	96-1	9011107	8930235	8953940	8965094	0.46	cps
Molybdenum	97-1	5238930	5251283	5238108	5242774	0.14	cps
Molybdenum	98-1	13217093	13392957	13349878	13319976	0.69	cps
Neodymium	150-1	60	60	87	69	22.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	15562	16116	15602	15760	1.96	cps
Phosphorus	31-2	43735	45599	43359	44231	2.71	cps
Potassium	39-2	1634204	1634609	1581199	1616671	1.90	cps
Rhodium	103-1	5092348	5007706	5126379	5075478	1.20	cps
Rhodium	103-2	1293472	1299872	1286143	1293162	0.53	cps
Scandium	45-1	3144849	3065684	3167689	3126074	1.71	cps
Scandium	45-2	23533	24465	23273	23757	2.64	cps
Selenium	77-2	17	17	13	16	12.40	cps
Selenium	78-2	78	56	37	57	35.92	cps
Selenium	82-1	2660	2892	2797	2783	4.18	cps
Silicon	28-1	340166	335876	341379	339141	0.85	cps
Silver	109-1	196843	198378	197570	197597	0.39	cps
Silver	107-1	207710	206382	208919	207671	0.61	cps
Sodium	23-2	6575499	6572235	6434580	6527438	1.23	cps
Strontium	86-1	92110	90247	89694	90684	1.40	cps
Strontium	88-1	788183	788125	776729	784345	0.84	cps
Sulfur	34-1	2864922	2863031	2868549	2865501	0.10	cps
Terbium	159-1	7542778	7193412	7427270	7387820	2.41	cps
Terbium	159-2	1421357	1439443	1421605	1427468	0.73	cps
Thallium	203-1	175015	173638	172481	173711	0.73	cps
Thallium	205-1	418620	416158	416913	417230	0.30	cps
Tin	118-1	2109	2250	2417	2259	6.83	cps
Titanium	47-1	2203390	2182793	2167179	2184454	0.83	cps
Uranium	238-1	617	508	450	525	16.11	cps
Vanadium	51-2	12699	12452	12179	12443	2.09	cps
Yttrium	89-1	5851898	5657528	5777495	5762307	1.70	cps
Yttrium	89-2	176683	178442	175442	176856	0.85	cps
Zinc	66-2	5184	5094	5064	5114	1.22	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:32:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3809	3709	3234	3584	8.57	cps
Zirconium	91-1	908	908	833	883	4.90	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:35:36	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375042	376742	375485	375756	0.23	cps
Antimony	121-1	5138681	5257360	5311982	5236008	1.69	cps
Arsenic	75-2	56851	56798	56965	56871	0.15	cps
Barium	135-1	5564023	5599189	5727893	5630368	1.53	cps
Barium	137-1	9644692	9682131	9788501	9705108	0.77	cps
Beryllium	9-1	706744	707840	716976	710520	0.79	cps
Bismuth	209-1	4822327	4733090	4742696	4766038	1.03	cps
Bismuth	209-2	1107029	1126658	1094865	1109517	1.45	cps
Boron	10-1	80795	81104	85026	82308	2.87	cps
Boron	11-1	383377	398686	409376	397146	3.29	cps
Cadmium	111-1	1133526	1143887	1158860	1145424	1.11	cps
Cadmium	106-1	118837	119887	124369	121031	2.43	cps
Cadmium	108-1	82915	82446	83172	82844	0.44	cps
Calcium	43-1	5459540	5551246	5586635	5532474	1.19	cps
Calcium	44-1	89587708	90663002	90947104	90399271	0.79	cps
Chromium	52-2	459869	460965	460136	460323	0.12	cps
Cobalt	59-2	948450	948883	955821	951051	0.43	cps
Copper	63-2	1608762	1597417	1593529	1599903	0.49	cps
Dysprosium	156-1	125	125	108	119	8.06	cps
Dysprosium	156-2	10	7	23	13	66.12	cps
Erbium	164-1	50	25	75	50	50.00	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	117	58	92	89	32.92	cps
Gadolinium	160-2	20	7	23	17	52.90	cps
Holmium	165-1	7177069	7185029	7161823	7174640	0.16	cps
Holmium	165-2	1454826	1483270	1423011	1453702	2.07	cps
Indium	115-1	5343088	5335662	5408105	5362285	0.74	cps
Indium	115-2	227216	228088	218537	224614	2.35	cps
Iron	56-2	75533904	75820691	76249493	75868029	0.47	cps
Iron	57-2	1951624	1971874	1952007	1958502	0.59	cps
Krypton	83-1	500	450	457	469	5.79	cps
Lead	206-1	3516019	3569722	3578276	3554672	0.95	cps
Lead	207-1	3207580	3244402	3253672	3235218	0.75	cps
Lead	208-1	14298058	14452124	14576467	14442216	0.97	cps
Lithium	6-1	1045263	1027235	1044321	1038940	0.98	cps
Magnesium	24-2	7761520	7780958	7756525	7766334	0.17	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:35:36	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	265967	268818	269002	267929	0.64	cps
Molybdenum	94-1	8922796	8980992	8985641	8963143	0.39	cps
Molybdenum	95-1	10860944	10967603	11143468	10990672	1.30	cps
Molybdenum	96-1	12188882	12360952	12460342	12336725	1.11	cps
Molybdenum	97-1	6907534	6929102	7044603	6960413	1.06	cps
Molybdenum	98-1	17440688	17667462	17790012	17632721	1.01	cps
Neodymium	150-1	333	267	273	291	12.61	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	280413	282368	283794	282192	0.60	cps
Phosphorus	31-2	4684	5034	4701	4807	4.11	cps
Potassium	39-2	2173400	2172887	2158281	2168189	0.40	cps
Rhodium	103-1	4998024	4978046	5003865	4993312	0.27	cps
Rhodium	103-2	1255157	1271492	1218854	1248501	2.16	cps
Scandium	45-1	3211717	3158318	3200592	3190209	0.88	cps
Scandium	45-2	23917	24311	23340	23856	2.05	cps
Selenium	77-2	373	427	453	418	9.75	cps
Selenium	78-2	1296	1356	1367	1340	2.82	cps
Selenium	82-1	69175	69330	70519	69675	1.05	cps
Silicon	28-1	2438225	2504019	2485133	2475792	1.37	cps
Silver	109-1	5240432	5250434	5261939	5250935	0.20	cps
Silver	107-1	5459638	5486813	5506112	5484188	0.43	cps
Sodium	23-2	17087132	17073514	17178214	17112954	0.33	cps
Strontium	86-1	1371069	1373544	1394060	1379558	0.91	cps
Strontium	88-1	11905222	11972977	12015624	11964608	0.47	cps
Sulfur	34-1	643217	646265	655174	648219	0.96	cps
Terbium	159-1	7492727	7441104	7426828	7453553	0.47	cps
Terbium	159-2	1406609	1430435	1380543	1405863	1.78	cps
Thallium	203-1	4364426	4385195	4438584	4396068	0.87	cps
Thallium	205-1	10398185	10495415	10592900	10495500	0.93	cps
Tin	118-1	3597171	3609869	3627766	3611602	0.43	cps
Titanium	47-1	2806290	2826785	2844216	2825764	0.67	cps
Uranium	238-1	14509469	14885677	14814722	14736623	1.36	cps
Vanadium	51-2	331118	332148	331602	331623	0.16	cps
Yttrium	89-1	5895612	5816934	5824881	5845809	0.74	cps
Yttrium	89-2	175339	175525	171798	174221	1.21	cps
Zinc	66-2	157866	158750	160654	159090	0.90	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P8
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:35:36	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7462891	7505821	7498499	7489070	0.31	cps
Zirconium	91-1	1687930	1712556	1725825	1708770	1.13	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : CCB77 Instrumnet Name : P8
 Client Sample ID : CCB77 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:47:50 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	20	25	23	12.37	cps
Antimony	121-1	1700	2442	2317	2153	18.45	cps
Arsenic	75-2	9	6	9	8	26.61	cps
Barium	135-1	58	33	75	56	37.74	cps
Barium	137-1	75	8	83	56	74.00	cps
Beryllium	9-1	128	189	200	172	22.58	cps
Bismuth	209-1	4905175	5060785	5000636	4988866	1.57	cps
Bismuth	209-2	1197474	1242319	1176641	1205478	2.78	cps
Boron	10-1	617	600	925	714	25.64	cps
Boron	11-1	3309	3576	3676	3520	5.39	cps
Cadmium	111-1	768	868	870	835	7.01	cps
Cadmium	106-1	1075	1208	1233	1172	7.26	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	433	425	483	447	7.06	cps
Calcium	44-1	12039	11989	11747	11925	1.31	cps
Chromium	52-2	363	437	407	402	9.17	cps
Cobalt	59-2	53	70	87	70	23.81	cps
Copper	63-2	247	307	247	267	12.99	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	50	0	25	25	100.00	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	7035012	7237850	7138009	7136957	1.42	cps
Holmium	165-2	1462457	1508354	1457521	1476111	1.90	cps
Indium	115-1	5618638	5689958	5665826	5658141	0.64	cps
Indium	115-2	243149	250712	242121	245327	1.91	cps
Iron	56-2	1789	1806	2111	1902	9.54	cps
Iron	57-2	28	56	44	43	32.83	cps
Krypton	83-1	443	360	367	390	11.87	cps
Lead	206-1	600	694	700	665	8.45	cps
Lead	207-1	517	478	644	546	15.96	cps
Lead	208-1	2461	2378	2600	2480	4.53	cps
Lithium	6-1	1067545	1086639	1101432	1085205	1.57	cps
Magnesium	24-2	467	400	367	411	12.39	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : CCB77 Instrumnet Name : P8
 Client Sample ID : CCB77 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:47:50 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	43	37	42	12.06	cps
Molybdenum	94-1	883	850	850	861	2.23	cps
Molybdenum	95-1	683	825	850	786	11.43	cps
Molybdenum	96-1	1008	783	900	897	12.54	cps
Molybdenum	97-1	475	442	558	492	12.22	cps
Molybdenum	98-1	1267	1108	1283	1220	7.92	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	230	213	213	219	4.40	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3125	2575	2725	2809	10.12	cps
Rhodium	103-1	5300573	5442578	5337672	5360274	1.37	cps
Rhodium	103-2	1355085	1389925	1348534	1364515	1.63	cps
Scandium	45-1	3176152	3242028	3243576	3220585	1.20	cps
Scandium	45-2	23827	25059	23787	24224	2.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-3	63	52	38	93.88	cps
Silicon	28-1	203968	206566	205440	205324	0.63	cps
Silver	109-1	83	108	167	119	35.80	cps
Silver	107-1	225	250	167	214	19.99	cps
Sodium	23-2	7919	8094	7944	7986	1.19	cps
Strontium	86-1	758	783	750	764	2.27	cps
Strontium	88-1	192	167	200	186	9.32	cps
Sulfur	34-1	338962	339740	340208	339637	0.19	cps
Terbium	159-1	7329483	7433955	7394574	7386004	0.71	cps
Terbium	159-2	1426697	1460466	1412941	1433368	1.71	cps
Thallium	203-1	742	600	592	644	13.08	cps
Thallium	205-1	1250	1609	1450	1436	12.50	cps
Tin	118-1	817	1058	967	947	12.88	cps
Titanium	47-1	167	167	100	144	26.65	cps
Uranium	238-1	50	42	83	58	37.80	cps
Vanadium	51-2	17	7	3	9	78.08	cps
Yttrium	89-1	5810829	5948117	5918203	5892383	1.23	cps
Yttrium	89-2	180820	184806	177720	181115	1.96	cps
Zinc	66-2	160	120	193	158	23.27	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P8
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:47:50	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1083	1142	1250	1158	7.30	cps
Zirconium	91-1	317	242	242	267	16.24	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:51:15	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	145	160	165	13.89	cps
Antimony	121-1	21434	22328	21401	21721	2.42	cps
Arsenic	75-2	150	135	93	126	23.67	cps
Barium	135-1	22019	21752	22337	22036	1.33	cps
Barium	137-1	38223	38800	38382	38468	0.77	cps
Beryllium	9-1	1633	1661	1595	1630	2.05	cps
Bismuth	209-1	4912398	5014963	5069311	4998890	1.59	cps
Bismuth	209-2	1215203	1174045	1212083	1200443	1.91	cps
Boron	10-1	4167	4426	4801	4465	7.13	cps
Boron	11-1	21350	21175	22886	21803	4.32	cps
Cadmium	111-1	3125	3456	3330	3304	5.07	cps
Cadmium	106-1	1333	1559	1567	1486	8.91	cps
Cadmium	108-1	192	175	167	178	7.16	cps
Calcium	43-1	11981	11488	11305	11591	3.01	cps
Calcium	44-1	197368	196059	192831	195420	1.20	cps
Chromium	52-2	2387	2337	2274	2332	2.44	cps
Cobalt	59-2	1990	1923	2037	1984	2.87	cps
Copper	63-2	3604	3841	3654	3699	3.37	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	58	8	36	70.51	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	3	0	13	6	124.93	cps
Holmium	165-1	7057405	7193488	7220641	7157178	1.22	cps
Holmium	165-2	1486550	1450957	1486196	1474568	1.39	cps
Indium	115-1	5613924	5667681	5686057	5655887	0.66	cps
Indium	115-2	247349	239465	246154	244323	1.74	cps
Iron	56-2	33741	33541	33452	33578	0.44	cps
Iron	57-2	822	911	811	848	6.46	cps
Krypton	83-1	427	453	443	441	3.05	cps
Lead	206-1	8142	7719	7753	7871	2.98	cps
Lead	207-1	7230	7169	7019	7139	1.52	cps
Lead	208-1	31727	32045	31383	31718	1.04	cps
Lithium	6-1	1068509	1091056	1092740	1084102	1.25	cps
Magnesium	24-2	16160	16594	17153	16635	2.99	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:51:15	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	337	323	320	5.80	cps
Molybdenum	94-1	18580	18121	18622	18441	1.51	cps
Molybdenum	95-1	22378	22536	21818	22244	1.70	cps
Molybdenum	96-1	25157	25091	24899	25049	0.54	cps
Molybdenum	97-1	13966	14926	13499	14130	5.15	cps
Molybdenum	98-1	35957	36166	36032	36052	0.29	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	773	850	830	818	4.86	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	12189	11063	11213	11489	5.32	cps
Rhodium	103-1	5293949	5440355	5355406	5363237	1.37	cps
Rhodium	103-2	1372264	1348341	1376414	1365673	1.11	cps
Scandium	45-1	3199009	3245819	3295178	3246669	1.48	cps
Scandium	45-2	25149	24355	24298	24601	1.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	20	22	33	25	27.70	cps
Selenium	82-1	762	671	705	713	6.45	cps
Silicon	28-1	282012	277182	276275	278490	1.11	cps
Silver	109-1	11280	11647	10922	11283	3.22	cps
Silver	107-1	11539	11706	12031	11758	2.13	cps
Sodium	23-2	46009	42206	43577	43930	4.38	cps
Strontium	86-1	3717	3317	3251	3428	7.36	cps
Strontium	88-1	24273	24790	24865	24643	1.31	cps
Sulfur	34-1	339301	340360	337854	339172	0.37	cps
Terbium	159-1	7390806	7445647	7424546	7420333	0.37	cps
Terbium	159-2	1433632	1409040	1446986	1429886	1.35	cps
Thallium	203-1	9304	10055	9154	9504	5.08	cps
Thallium	205-1	22939	22996	23080	23005	0.31	cps
Tin	118-1	36785	35874	37337	36665	2.01	cps
Titanium	47-1	5368	5785	5676	5610	3.85	cps
Uranium	238-1	29043	29503	29077	29207	0.88	cps
Vanadium	51-2	3214	3320	3624	3386	6.28	cps
Yttrium	89-1	5842704	5889687	5933854	5888749	0.77	cps
Yttrium	89-2	180897	177837	183038	180591	1.45	cps
Zinc	66-2	537	557	537	543	2.13	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:51:15	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17111	16344	15968	16474	3.54	cps
Zirconium	91-1	3684	3542	3509	3578	2.60	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : PB113511BL Instrumnet Name : P8
 Client Sample ID : PB113511BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 15:55:03 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	18	30	22	33.33	cps
Antimony	121-1	700	658	708	689	3.89	cps
Arsenic	75-2	7	7	0	5	86.60	cps
Barium	135-1	25	17	42	28	45.82	cps
Barium	137-1	67	58	17	47	56.72	cps
Beryllium	9-1	217	128	178	174	25.60	cps
Bismuth	209-1	5108204	4898623	4949166	4985331	2.19	cps
Bismuth	209-2	1218255	1224746	1191716	1211572	1.44	cps
Boron	10-1	683	717	750	717	4.65	cps
Boron	11-1	3367	3367	3459	3398	1.56	cps
Cadmium	111-1	875	848	857	860	1.59	cps
Cadmium	106-1	1250	1200	1200	1217	2.37	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	417	450	300	389	20.25	cps
Calcium	44-1	11797	11839	12072	11903	1.25	cps
Chromium	52-2	423	380	377	393	6.62	cps
Cobalt	59-2	70	63	37	57	31.12	cps
Copper	63-2	250	243	243	246	1.57	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	50	33	50.00	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	7237948	7108470	7061830	7136082	1.28	cps
Holmium	165-2	1486482	1511528	1451980	1483330	2.02	cps
Indium	115-1	5779700	5640288	5688611	5702866	1.24	cps
Indium	115-2	246860	250602	244027	247163	1.33	cps
Iron	56-2	1400	1378	1383	1387	0.83	cps
Iron	57-2	61	33	61	52	30.93	cps
Krypton	83-1	373	427	407	402	6.70	cps
Lead	206-1	656	450	478	528	21.13	cps
Lead	207-1	428	439	506	457	9.20	cps
Lead	208-1	2172	1845	1900	1972	8.90	cps
Lithium	6-1	1120054	1087312	1081152	1096172	1.91	cps
Magnesium	24-2	383	358	325	356	8.23	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BL	Instrumnet Name :	P8
Client Sample ID :	PB113511BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:55:03	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	53	43	41	32.76	cps
Molybdenum	94-1	575	492	500	522	8.79	cps
Molybdenum	95-1	367	300	367	344	11.17	cps
Molybdenum	96-1	383	325	325	344	9.78	cps
Molybdenum	97-1	267	283	217	256	13.58	cps
Molybdenum	98-1	375	558	517	483	19.88	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	267	277	260	268	3.13	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2792	2850	2775	2806	1.40	cps
Rhodium	103-1	5523622	5362613	5308996	5398410	2.07	cps
Rhodium	103-2	1380656	1383288	1350714	1371552	1.32	cps
Scandium	45-1	3352821	3194499	3285046	3277456	2.42	cps
Scandium	45-2	25229	24652	24224	24702	2.04	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	79	13	12	34	111.06	cps
Silicon	28-1	208858	209804	210979	209881	0.51	cps
Silver	109-1	117	117	117	117	0.00	cps
Silver	107-1	158	100	83	114	34.58	cps
Sodium	23-2	7802	7777	7594	7725	1.47	cps
Strontium	86-1	617	817	658	697	15.13	cps
Strontium	88-1	183	200	217	200	8.33	cps
Sulfur	34-1	343081	346052	344490	344541	0.43	cps
Terbium	159-1	7550357	7413339	7436313	7466669	0.98	cps
Terbium	159-2	1440189	1452810	1416597	1436532	1.28	cps
Thallium	203-1	475	492	458	475	3.51	cps
Thallium	205-1	1158	1208	1217	1195	2.64	cps
Tin	118-1	733	917	958	870	13.77	cps
Titanium	47-1	75	92	125	97	26.19	cps
Uranium	238-1	0	33	33	22	86.60	cps
Vanadium	51-2	13	3	10	9	57.30	cps
Yttrium	89-1	6044286	5856052	5857249	5919195	1.83	cps
Yttrium	89-2	180096	184308	178375	180926	1.69	cps
Zinc	66-2	147	153	143	148	3.45	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BL	Instrumnet Name :	P8
Client Sample ID :	PB113511BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:55:03	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	917	1100	967	995	9.53	cps
Zirconium	91-1	200	200	150	183	15.75	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BS	Instrumnet Name :	P8
Client Sample ID :	PB113511BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:58:28	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308	350	280	313	11.29	cps
Antimony	121-1	34479	36066	34571	35039	2.54	cps
Arsenic	75-2	213	233	198	215	8.22	cps
Barium	135-1	15051	14459	14417	14642	2.42	cps
Barium	137-1	25049	25075	24340	24821	1.68	cps
Beryllium	9-1	1884	1695	1772	1784	5.32	cps
Bismuth	209-1	4881994	4795670	5041585	4906416	2.54	cps
Bismuth	209-2	1240156	1205255	1216641	1220684	1.46	cps
Boron	10-1	7828	8253	8336	8139	3.35	cps
Boron	11-1	37834	39229	38770	38611	1.84	cps
Cadmium	111-1	4358	4203	4433	4331	2.71	cps
Cadmium	106-1	1709	1617	1867	1731	7.31	cps
Cadmium	108-1	317	221	238	258	19.82	cps
Calcium	43-1	21684	22102	22085	21957	1.08	cps
Calcium	44-1	360355	360509	363737	361534	0.53	cps
Chromium	52-2	3864	3871	4087	3941	3.23	cps
Cobalt	59-2	3911	3854	3917	3894	0.89	cps
Copper	63-2	6742	6762	6588	6697	1.42	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	7082000	7002133	7112255	7065462	0.81	cps
Holmium	165-2	1513310	1480615	1489324	1494416	1.13	cps
Indium	115-1	5661066	5587908	5661709	5636894	0.75	cps
Indium	115-2	250437	245818	249490	248582	0.98	cps
Iron	56-2	239566	236205	235927	237233	0.85	cps
Iron	57-2	6068	6024	5679	5924	3.60	cps
Krypton	83-1	410	490	470	457	9.12	cps
Lead	206-1	13635	13825	13419	13626	1.49	cps
Lead	207-1	12123	12178	11995	12099	0.78	cps
Lead	208-1	55483	54452	54458	54798	1.08	cps
Lithium	6-1	1069228	1082168	1093706	1081701	1.13	cps
Magnesium	24-2	31611	31352	31595	31519	0.46	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BS	Instrumnet Name :	P8
Client Sample ID :	PB113511BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:58:28	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	570	547	573	563	2.58	cps
Molybdenum	94-1	34361	34236	34244	34281	0.20	cps
Molybdenum	95-1	42910	43696	42250	42952	1.69	cps
Molybdenum	96-1	47994	48036	48897	48309	1.06	cps
Molybdenum	97-1	26727	26519	27220	26822	1.34	cps
Molybdenum	98-1	68197	70216	69931	69448	1.57	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1270	1413	1320	1335	5.45	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	19389	19915	19156	19486	1.99	cps
Rhodium	103-1	5290086	5301726	5402431	5331414	1.16	cps
Rhodium	103-2	1398718	1373793	1388285	1386932	0.90	cps
Scandium	45-1	3263148	3175793	3289350	3242764	1.83	cps
Scandium	45-2	25199	24695	24471	24789	1.50	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	24	28	26	26	7.15	cps
Selenium	82-1	1448	1377	1383	1403	2.81	cps
Silicon	28-1	301522	299559	434977	345353	22.48	cps
Silver	109-1	4584	4793	4609	4662	2.44	cps
Silver	107-1	5260	4893	4701	4951	5.73	cps
Sodium	23-2	74822	75751	76405	75659	1.05	cps
Strontium	86-1	5485	5401	5785	5557	3.63	cps
Strontium	88-1	45585	44457	43445	44496	2.41	cps
Sulfur	34-1	350460	349552	344535	348182	0.92	cps
Terbium	159-1	7394434	7289982	7448112	7377509	1.09	cps
Terbium	159-2	1472804	1436828	1442012	1450548	1.34	cps
Thallium	203-1	16837	16862	16620	16773	0.79	cps
Thallium	205-1	39045	39688	38200	38978	1.91	cps
Tin	118-1	71541	70796	69112	70483	1.77	cps
Titanium	47-1	11464	10930	11580	11325	3.06	cps
Uranium	238-1	51114	50303	52922	51446	2.61	cps
Vanadium	51-2	6992	6468	6302	6587	5.47	cps
Yttrium	89-1	5855116	5785975	6008619	5883237	1.94	cps
Yttrium	89-2	186863	182987	184670	184840	1.05	cps
Zinc	66-2	917	793	750	820	10.55	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113511BS	Instrumnet Name :	P8
Client Sample ID :	PB113511BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 15:58:28	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27387	27345	27412	27381	0.12	cps
Zirconium	91-1	5993	6110	6477	6193	4.07	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : PB113510BL Instrumnet Name : P8
 Client Sample ID : PB113510BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 16:01:53 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	13	18	13	28.64	cps
Antimony	121-1	975	958	1175	1036	11.64	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	58	50	42	50	16.67	cps
Barium	137-1	50	50	75	58	24.74	cps
Beryllium	9-1	239	144	94	159	46.06	cps
Bismuth	209-1	4871003	4844827	4968272	4894700	1.33	cps
Bismuth	209-2	1217628	1219138	1223997	1220254	0.27	cps
Boron	10-1	750	758	692	733	4.95	cps
Boron	11-1	4092	3751	3842	3895	4.54	cps
Cadmium	111-1	786	933	802	840	9.57	cps
Cadmium	106-1	1117	1317	1158	1197	8.81	cps
Cadmium	108-1	0	8	13	7	91.66	cps
Calcium	43-1	442	358	300	367	19.42	cps
Calcium	44-1	12381	12431	11522	12111	4.22	cps
Chromium	52-2	400	377	337	371	8.63	cps
Cobalt	59-2	63	40	33	46	34.58	cps
Copper	63-2	210	267	300	259	17.57	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	0	0	13	4	173.21	cps
Holmium	165-1	7145199	7027010	7116451	7096220	0.87	cps
Holmium	165-2	1483986	1481233	1487696	1484305	0.22	cps
Indium	115-1	5607320	5569979	5666482	5614594	0.87	cps
Indium	115-2	249002	251061	247081	249048	0.80	cps
Iron	56-2	1456	1350	1322	1376	5.11	cps
Iron	57-2	44	50	56	50	11.11	cps
Krypton	83-1	430	413	327	390	14.22	cps
Lead	206-1	411	356	467	411	13.51	cps
Lead	207-1	328	444	361	378	15.91	cps
Lead	208-1	1689	1795	1833	1772	4.22	cps
Lithium	6-1	1086582	1092559	1121304	1100148	1.69	cps
Magnesium	24-2	425	367	392	394	7.42	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BL	Instrumnet Name :	P8
Client Sample ID :	PB113510BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:01:53	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	30	33	33	10.01	cps
Molybdenum	94-1	525	425	508	486	11.02	cps
Molybdenum	95-1	242	175	275	231	22.09	cps
Molybdenum	96-1	350	383	275	336	16.51	cps
Molybdenum	97-1	150	217	175	181	18.65	cps
Molybdenum	98-1	450	317	367	378	17.83	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	220	197	277	231	17.80	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2675	3226	2742	2881	10.42	cps
Rhodium	103-1	5356496	5329048	5385765	5357103	0.53	cps
Rhodium	103-2	1378199	1380588	1379601	1379462	0.09	cps
Scandium	45-1	3197263	3221284	3305421	3241323	1.75	cps
Scandium	45-2	25016	24956	25300	25090	0.73	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-4	42	104	47	114.48	cps
Silicon	28-1	210382	210999	208200	209860	0.70	cps
Silver	109-1	75	83	67	75	11.11	cps
Silver	107-1	142	175	117	144	20.26	cps
Sodium	23-2	7044	7502	7377	7308	3.24	cps
Strontium	86-1	608	558	683	617	10.20	cps
Strontium	88-1	133	117	200	150	29.40	cps
Sulfur	34-1	354901	353823	352012	353579	0.41	cps
Terbium	159-1	7351477	7342456	7380868	7358267	0.27	cps
Terbium	159-2	1443102	1443527	1435310	1440646	0.32	cps
Thallium	203-1	375	392	342	369	6.89	cps
Thallium	205-1	975	1067	933	992	6.88	cps
Tin	118-1	1083	975	733	931	19.26	cps
Titanium	47-1	117	67	100	94	26.96	cps
Uranium	238-1	8	33	8	17	86.62	cps
Vanadium	51-2	7	0	3	3	100.05	cps
Yttrium	89-1	5870576	5830041	5927990	5876202	0.84	cps
Yttrium	89-2	181977	183387	183636	183000	0.49	cps
Zinc	66-2	150	180	190	173	12.01	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BL	Instrumnet Name :	P8
Client Sample ID :	PB113510BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:01:53	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	792	842	875	836	5.02	cps
Zirconium	91-1	200	125	192	172	23.87	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BS	Instrumnet Name :	P8
Client Sample ID :	PB113510BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:05:18	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	293	310	305	303	2.98	cps
Antimony	121-1	35055	36083	36175	35771	1.74	cps
Arsenic	75-2	209	219	222	217	3.08	cps
Barium	135-1	14292	14459	14959	14570	2.38	cps
Barium	137-1	25167	24966	26035	25389	2.24	cps
Beryllium	9-1	1828	1884	1706	1806	5.04	cps
Bismuth	209-1	5107006	4888770	4878741	4958173	2.60	cps
Bismuth	209-2	1214880	1227714	1237320	1226638	0.92	cps
Boron	10-1	7511	8470	8353	8111	6.45	cps
Boron	11-1	37608	39413	39806	38943	3.01	cps
Cadmium	111-1	4469	4381	4457	4436	1.07	cps
Cadmium	106-1	1592	1492	1750	1611	8.09	cps
Cadmium	108-1	304	246	271	274	10.70	cps
Calcium	43-1	21976	21158	21985	21707	2.19	cps
Calcium	44-1	363595	360381	365939	363305	0.77	cps
Chromium	52-2	4004	4287	4041	4111	3.75	cps
Cobalt	59-2	3777	3617	3714	3703	2.18	cps
Copper	63-2	7032	6795	6345	6724	5.19	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	33	25	31	15.75	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	17	67	17	33	86.59	cps
Gadolinium	160-2	0	3	0	1	173.21	cps
Holmium	165-1	7101183	7029351	7023864	7051466	0.61	cps
Holmium	165-2	1496768	1495150	1500699	1497539	0.19	cps
Indium	115-1	5789324	5582111	5611978	5661138	1.98	cps
Indium	115-2	248707	250280	251461	250149	0.55	cps
Iron	56-2	242585	242557	238863	241335	0.89	cps
Iron	57-2	5979	6090	6057	6042	0.94	cps
Krypton	83-1	393	493	363	417	16.34	cps
Lead	206-1	13802	13502	13641	13648	1.10	cps
Lead	207-1	11706	11978	11806	11830	1.16	cps
Lead	208-1	54614	54403	55099	54705	0.65	cps
Lithium	6-1	1105018	1073546	1096715	1091760	1.49	cps
Magnesium	24-2	31636	31569	33599	32268	3.57	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BS	Instrumnet Name :	P8
Client Sample ID :	PB113510BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:05:18	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	497	533	613	548	10.89	cps
Molybdenum	94-1	35314	34019	35071	34801	1.98	cps
Molybdenum	95-1	43671	43437	43144	43418	0.61	cps
Molybdenum	96-1	48036	47643	47936	47872	0.43	cps
Molybdenum	97-1	26477	26944	27287	26903	1.51	cps
Molybdenum	98-1	68364	70459	68674	69166	1.63	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1553	1513	1467	1511	2.87	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	19932	19565	19231	19576	1.79	cps
Rhodium	103-1	5472058	5352147	5387162	5403789	1.14	cps
Rhodium	103-2	1394522	1389813	1389401	1391246	0.20	cps
Scandium	45-1	3341080	3210065	3270592	3273913	2.00	cps
Scandium	45-2	24896	25216	25383	25165	0.98	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	24	20	26	23	12.07	cps
Selenium	82-1	1464	1346	1466	1425	4.81	cps
Silicon	28-1	305553	305603	303525	304894	0.39	cps
Silver	109-1	4809	4551	4868	4743	3.56	cps
Silver	107-1	5251	4909	4534	4898	7.32	cps
Sodium	23-2	78039	77318	73759	76372	3.00	cps
Strontium	86-1	5793	5585	5543	5640	2.38	cps
Strontium	88-1	44239	44741	44123	44368	0.74	cps
Sulfur	34-1	355580	351440	355112	354044	0.64	cps
Terbium	159-1	7528760	7334263	7388071	7417031	1.35	cps
Terbium	159-2	1452956	1455633	1466413	1458334	0.49	cps
Thallium	203-1	16403	16053	15660	16038	2.32	cps
Thallium	205-1	39872	39429	39554	39619	0.58	cps
Tin	118-1	70998	71408	71390	71265	0.33	cps
Titanium	47-1	11005	11247	11739	11330	3.30	cps
Uranium	238-1	51566	52779	50269	51538	2.44	cps
Vanadium	51-2	6885	6752	6438	6692	3.43	cps
Yttrium	89-1	5958065	5808204	5880021	5882097	1.27	cps
Yttrium	89-2	184532	183923	185592	184682	0.46	cps
Zinc	66-2	830	767	797	798	3.97	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113510BS	Instrumnet Name :	P8
Client Sample ID :	PB113510BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:05:18	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27813	27069	27921	27601	1.68	cps
Zirconium	91-1	6060	6168	5893	6041	2.29	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : PB113534BL Instrumnet Name : P8
 Client Sample ID : PB113534BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 16:08:43 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	13	8	9	31.49	cps
Antimony	121-1	1283	1025	767	1025	25.20	cps
Arsenic	75-2	2	4	6	4	50.09	cps
Barium	135-1	25	25	33	28	17.33	cps
Barium	137-1	42	83	42	56	43.30	cps
Beryllium	9-1	128	94	100	107	16.63	cps
Bismuth	209-1	4995363	4954039	4912104	4953836	0.84	cps
Bismuth	209-2	1228398	1246635	1234977	1236670	0.75	cps
Boron	10-1	817	783	875	825	5.63	cps
Boron	11-1	4292	3776	3684	3917	8.37	cps
Cadmium	111-1	849	838	830	839	1.12	cps
Cadmium	106-1	1192	1192	1167	1183	1.22	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	350	417	550	439	23.20	cps
Calcium	44-1	11931	11605	12089	11875	2.08	cps
Chromium	52-2	377	417	373	389	6.20	cps
Cobalt	59-2	50	63	43	52	19.50	cps
Copper	63-2	230	217	227	224	3.09	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	0	42	17	132.30	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	7217160	7060973	7073823	7117319	1.22	cps
Holmium	165-2	1510055	1522791	1503479	1512109	0.65	cps
Indium	115-1	5784878	5645646	5629289	5686604	1.50	cps
Indium	115-2	252558	255794	253416	253923	0.66	cps
Iron	56-2	1206	1167	1106	1159	4.35	cps
Iron	57-2	33	44	39	39	14.30	cps
Krypton	83-1	370	373	447	397	10.92	cps
Lead	206-1	261	350	389	333	19.65	cps
Lead	207-1	278	339	383	333	15.90	cps
Lead	208-1	1361	1511	1589	1487	7.79	cps
Lithium	6-1	1114568	1091734	1092380	1099561	1.18	cps
Magnesium	24-2	442	250	283	325	31.51	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BL	Instrumnet Name :	P8
Client Sample ID :	PB113534BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:08:43	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	27	37	37	27.27	cps
Molybdenum	94-1	458	492	417	456	8.25	cps
Molybdenum	95-1	217	225	183	208	10.58	cps
Molybdenum	96-1	233	400	433	356	30.14	cps
Molybdenum	97-1	192	175	200	189	6.74	cps
Molybdenum	98-1	367	358	317	347	7.71	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	247	170	196	22.64	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2475	2500	2200	2392	6.96	cps
Rhodium	103-1	5450461	5341598	5317556	5369871	1.32	cps
Rhodium	103-2	1397054	1419399	1404612	1407022	0.81	cps
Scandium	45-1	3347892	3268718	3252801	3289804	1.55	cps
Scandium	45-2	24785	26362	25543	25563	3.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	52	70	-22	33	146.06	cps
Silicon	28-1	211757	212238	215375	213124	0.92	cps
Silver	109-1	75	50	108	78	37.63	cps
Silver	107-1	108	158	142	136	18.70	cps
Sodium	23-2	7961	7277	7235	7491	5.44	cps
Strontium	86-1	717	850	600	722	17.32	cps
Strontium	88-1	175	200	150	175	14.28	cps
Sulfur	34-1	360121	354449	356610	357060	0.80	cps
Terbium	159-1	7559981	7320698	7387942	7422874	1.66	cps
Terbium	159-2	1465322	1473711	1460898	1466644	0.44	cps
Thallium	203-1	350	392	350	364	6.61	cps
Thallium	205-1	858	792	967	872	10.13	cps
Tin	118-1	1201	917	825	981	19.96	cps
Titanium	47-1	83	150	175	136	34.81	cps
Uranium	238-1	8	25	0	11	114.58	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	6017420	5863284	5846788	5909164	1.59	cps
Yttrium	89-2	186450	189460	185065	186992	1.20	cps
Zinc	66-2	160	120	157	146	15.25	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BL	Instrumnet Name :	P8
Client Sample ID :	PB113534BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:08:43	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	792	883	917	864	7.49	cps
Zirconium	91-1	192	192	217	200	7.22	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BS	Instrumnet Name :	P8
Client Sample ID :	PB113534BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:12:09	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	268	305	293	288	6.62	cps
Antimony	121-1	42561	41281	41232	41691	1.81	cps
Arsenic	75-2	209	267	226	234	12.62	cps
Barium	135-1	44241	44325	44167	44244	0.18	cps
Barium	137-1	76782	77183	76263	76743	0.60	cps
Beryllium	9-1	3078	3673	3095	3282	10.32	cps
Bismuth	209-1	4812756	4916390	5013284	4914143	2.04	cps
Bismuth	209-2	1231359	1225627	1210660	1222549	0.87	cps
Boron	10-1	7702	8503	9454	8553	10.25	cps
Boron	11-1	40082	41009	41645	40912	1.92	cps
Cadmium	111-1	5531	5489	5491	5504	0.43	cps
Cadmium	106-1	1742	1642	1792	1725	4.43	cps
Cadmium	108-1	383	338	371	364	6.51	cps
Calcium	43-1	23855	22669	23395	23306	2.56	cps
Calcium	44-1	379736	383915	385879	383177	0.82	cps
Chromium	52-2	4454	4511	4394	4453	1.31	cps
Cobalt	59-2	4014	4261	4184	4153	3.04	cps
Copper	63-2	7219	7355	7529	7368	2.11	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	83	25	50	53	55.46	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	25	50	33	36	35.25	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	7061526	7155793	7264353	7160557	1.42	cps
Holmium	165-2	1498101	1496067	1492212	1495460	0.20	cps
Indium	115-1	5581687	5719558	5859787	5720344	2.43	cps
Indium	115-2	251373	251428	248630	250477	0.64	cps
Iron	56-2	236630	234875	232284	234596	0.93	cps
Iron	57-2	5979	6252	5651	5961	5.04	cps
Krypton	83-1	467	473	417	452	6.85	cps
Lead	206-1	15298	15165	15232	15232	0.44	cps
Lead	207-1	13040	12935	13146	13040	0.81	cps
Lead	208-1	60803	60625	59829	60419	0.86	cps
Lithium	6-1	1080996	1090866	1118016	1096626	1.75	cps
Magnesium	24-2	34318	33850	34117	34095	0.69	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BS	Instrumnet Name :	P8
Client Sample ID :	PB113534BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:12:09	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	603	633	597	611	3.20	cps
Molybdenum	94-1	35965	35790	34687	35481	1.95	cps
Molybdenum	95-1	44081	43295	44466	43947	1.36	cps
Molybdenum	96-1	48939	49417	51465	49940	2.69	cps
Molybdenum	97-1	29233	26827	27120	27727	4.73	cps
Molybdenum	98-1	71104	70216	71103	70807	0.72	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1643	1510	1457	1537	6.26	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	20608	21934	20941	21161	3.26	cps
Rhodium	103-1	5314858	5394421	5519739	5409672	1.91	cps
Rhodium	103-2	1394182	1404383	1396202	1398256	0.39	cps
Scandium	45-1	3189194	3281212	3372050	3280819	2.79	cps
Scandium	45-2	25420	26078	25223	25574	1.75	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	35	15	43	31	46.61	cps
Selenium	82-1	1480	1538	1417	1478	4.10	cps
Silicon	28-1	354550	353288	351072	352970	0.50	cps
Silver	109-1	21668	21669	22403	21913	1.93	cps
Silver	107-1	22778	24081	23480	23446	2.78	cps
Sodium	23-2	81693	82087	80980	81587	0.69	cps
Strontium	86-1	6485	6544	6218	6416	2.70	cps
Strontium	88-1	49039	49006	47317	48454	2.03	cps
Sulfur	34-1	361106	356667	357644	358472	0.65	cps
Terbium	159-1	7347989	7419260	7596198	7454482	1.71	cps
Terbium	159-2	1462978	1460530	1458391	1460633	0.16	cps
Thallium	203-1	18614	18247	18255	18372	1.14	cps
Thallium	205-1	43325	41728	43517	42857	2.29	cps
Tin	118-1	73234	70923	71558	71905	1.66	cps
Titanium	47-1	11781	12181	11922	11961	1.70	cps
Uranium	238-1	58246	58229	58597	58357	0.36	cps
Vanadium	51-2	6895	6608	6552	6685	2.75	cps
Yttrium	89-1	5872477	5873694	5952563	5899578	0.78	cps
Yttrium	89-2	185880	187238	184177	185765	0.83	cps
Zinc	66-2	923	900	917	913	1.32	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113534BS	Instrumnet Name :	P8
Client Sample ID :	PB113534BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:12:09	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	31145	32122	31679	31649	1.55	cps
Zirconium	91-1	7044	7269	7161	7158	1.57	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : PB113255BL Instrumnet Name : P8
 Client Sample ID : PB113255BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 16:15:34 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	38	40	34	23.51	cps
Antimony	121-1	375	325	500	400	22.53	cps
Arsenic	75-2	2	2	2	2	0.00	cps
Barium	135-1	100	25	25	50	86.61	cps
Barium	137-1	58	58	33	50	28.88	cps
Beryllium	9-1	139	122	144	135	8.55	cps
Bismuth	209-1	5036406	4679353	4983115	4899625	3.93	cps
Bismuth	209-2	1236945	1215749	1233344	1228679	0.92	cps
Boron	10-1	967	1000	717	895	17.31	cps
Boron	11-1	4151	4376	3817	4115	6.83	cps
Cadmium	111-1	768	836	971	858	11.99	cps
Cadmium	106-1	1108	1192	1375	1225	11.14	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Calcium	43-1	667	475	533	558	17.60	cps
Calcium	44-1	12398	12706	12690	12598	1.38	cps
Chromium	52-2	427	413	433	424	2.40	cps
Cobalt	59-2	47	70	67	61	20.65	cps
Copper	63-2	220	323	260	268	19.46	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	58	42	44	28.65	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	67	92	75	78	16.37	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	7209428	6664091	7148539	7007353	4.26	cps
Holmium	165-2	1517886	1487417	1504689	1503330	1.02	cps
Indium	115-1	5777251	5403173	5714405	5631610	3.56	cps
Indium	115-2	251848	251550	254896	252765	0.73	cps
Iron	56-2	1372	1311	1539	1408	8.38	cps
Iron	57-2	50	28	67	48	40.52	cps
Krypton	83-1	390	417	440	416	6.02	cps
Lead	206-1	439	383	361	394	10.16	cps
Lead	207-1	372	283	361	339	14.29	cps
Lead	208-1	1795	1333	1489	1539	15.24	cps
Lithium	6-1	1132537	1045364	1090019	1089307	4.00	cps
Magnesium	24-2	308	308	267	294	8.17	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BL	Instrumnet Name :	P8
Client Sample ID :	PB113255BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:15:34	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	40	40	36	21.64	cps
Molybdenum	94-1	400	342	383	375	8.01	cps
Molybdenum	95-1	192	208	142	181	19.22	cps
Molybdenum	96-1	225	233	258	239	7.26	cps
Molybdenum	97-1	100	117	200	139	38.58	cps
Molybdenum	98-1	233	208	217	219	5.80	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	283	260	260	8.97	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2709	2959	3017	2895	5.66	cps
Rhodium	103-1	5444990	5100454	5460471	5335305	3.81	cps
Rhodium	103-2	1406649	1393776	1403403	1401276	0.48	cps
Scandium	45-1	3350973	3144994	3355235	3283734	3.66	cps
Scandium	45-2	25817	25300	25600	25572	1.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	57	12	14	28	91.79	cps
Silicon	28-1	213464	212813	213254	213177	0.16	cps
Silver	109-1	100	75	83	86	14.78	cps
Silver	107-1	117	75	125	106	25.37	cps
Sodium	23-2	7511	7361	7569	7480	1.44	cps
Strontium	86-1	792	925	892	870	7.98	cps
Strontium	88-1	1008	1208	1042	1086	9.87	cps
Sulfur	34-1	360521	362473	364836	362610	0.60	cps
Terbium	159-1	7443699	7077484	7456564	7325916	2.94	cps
Terbium	159-2	1475860	1452624	1478507	1468997	0.97	cps
Thallium	203-1	367	225	375	322	26.16	cps
Thallium	205-1	733	708	758	733	3.41	cps
Tin	118-1	2684	2392	2859	2645	8.92	cps
Titanium	47-1	150	158	67	125	40.55	cps
Uranium	238-1	42	17	17	25	57.73	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	5986229	5662366	5911072	5853222	2.90	cps
Yttrium	89-2	187504	184588	188268	186786	1.04	cps
Zinc	66-2	127	140	67	111	35.15	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BL	Instrumnet Name :	P8
Client Sample ID :	PB113255BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:15:34	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	708	733	833	758	8.72	cps
Zirconium	91-1	233	117	175	175	33.34	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:18:59	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	25	43	33	27.73	cps
Antimony	121-1	325	392	250	322	21.99	cps
Arsenic	75-2	0	4	4	2	86.60	cps
Barium	135-1	50	33	33	39	24.75	cps
Barium	137-1	25	50	100	58	65.47	cps
Beryllium	9-1	117	122	139	126	9.18	cps
Bismuth	209-1	4972723	4900948	4994906	4956192	0.99	cps
Bismuth	209-2	1216411	1236497	1231303	1228070	0.85	cps
Boron	10-1	542	492	675	569	16.64	cps
Boron	11-1	2659	3009	2925	2864	6.38	cps
Cadmium	111-1	760	821	891	824	7.92	cps
Cadmium	106-1	1067	1175	1267	1170	8.56	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	392	425	442	419	6.07	cps
Calcium	44-1	12865	13107	12965	12979	0.94	cps
Chromium	52-2	393	393	400	396	0.97	cps
Cobalt	59-2	57	60	50	56	9.17	cps
Copper	63-2	273	257	220	250	10.91	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	58	25	36	53.30	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	17	67	8	31	103.26	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	7120735	7083973	7137923	7114210	0.39	cps
Holmium	165-2	1502670	1515138	1512471	1510093	0.43	cps
Indium	115-1	5652893	5718031	5650617	5673847	0.67	cps
Indium	115-2	251921	254481	252802	253068	0.51	cps
Iron	56-2	1239	1306	1367	1304	4.90	cps
Iron	57-2	33	39	22	31	26.96	cps
Krypton	83-1	417	447	383	416	7.62	cps
Lead	206-1	300	333	306	313	5.71	cps
Lead	207-1	361	278	300	313	13.79	cps
Lead	208-1	1372	1439	1411	1407	2.38	cps
Lithium	6-1	1101904	1102426	1103095	1102475	0.05	cps
Magnesium	24-2	358	292	317	322	10.45	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:18:59	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	43	40	46	15.23	cps
Molybdenum	94-1	375	567	392	444	23.89	cps
Molybdenum	95-1	142	108	175	142	23.53	cps
Molybdenum	96-1	175	258	192	208	21.17	cps
Molybdenum	97-1	125	75	167	122	37.55	cps
Molybdenum	98-1	267	142	192	200	31.46	cps
Neodymium	150-1	13	40	0	18	114.57	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	240	280	253	258	7.90	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2684	2867	3084	2878	6.96	cps
Rhodium	103-1	5386971	5357682	5438789	5394481	0.76	cps
Rhodium	103-2	1399270	1406866	1408010	1404716	0.34	cps
Scandium	45-1	3339677	3284986	3330734	3318466	0.88	cps
Scandium	45-2	25727	25513	26024	25755	1.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	2	3	124.95	cps
Selenium	82-1	-1	16	-35	-7	-403.16	cps
Silicon	28-1	214575	212002	214903	213827	0.74	cps
Silver	109-1	58	42	67	56	22.91	cps
Silver	107-1	92	92	92	92	0.00	cps
Sodium	23-2	7611	7052	7411	7358	3.85	cps
Strontium	86-1	908	750	758	806	11.06	cps
Strontium	88-1	1167	892	1142	1067	14.26	cps
Sulfur	34-1	364298	361203	364396	363299	0.50	cps
Terbium	159-1	7404048	7454992	7395037	7418026	0.44	cps
Terbium	159-2	1460591	1467782	1471679	1466684	0.38	cps
Thallium	203-1	300	250	300	283	10.19	cps
Thallium	205-1	592	750	633	658	12.47	cps
Tin	118-1	2550	2784	2309	2548	9.33	cps
Titanium	47-1	158	133	83	125	30.55	cps
Uranium	238-1	0	25	17	14	91.65	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	5975275	5848991	5934850	5919705	1.09	cps
Yttrium	89-2	186730	187177	187522	187143	0.21	cps
Zinc	66-2	93	123	117	111	14.18	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BL	Instrumnet Name :	P8
Client Sample ID :	PB113257BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:18:59	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	842	725	892	820	10.44	cps
Zirconium	91-1	192	200	175	189	6.74	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BS	Instrumnet Name :	P8
Client Sample ID :	PB113255BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:22:24	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72162	71943	71775	71960	0.27	cps
Antimony	121-1	5293114	5284100	5329762	5302325	0.46	cps
Arsenic	75-2	58194	57253	57348	57598	0.90	cps
Barium	135-1	5621053	5641157	5676023	5646078	0.49	cps
Barium	137-1	9701659	9692264	9786926	9726950	0.54	cps
Beryllium	9-1	735874	730176	729586	731878	0.47	cps
Bismuth	209-1	4887243	4820659	4764210	4824037	1.28	cps
Bismuth	209-2	1213742	1195367	1171576	1193561	1.77	cps
Boron	10-1	81540	80660	82989	81730	1.44	cps
Boron	11-1	387141	392171	402047	393786	1.93	cps
Cadmium	111-1	1180530	1181120	1179940	1180530	0.05	cps
Cadmium	106-1	123731	122921	121637	122763	0.86	cps
Cadmium	108-1	85288	84739	85339	85122	0.39	cps
Calcium	43-1	1161651	1161514	1158281	1160482	0.16	cps
Calcium	44-1	18786041	18808798	18635911	18743583	0.50	cps
Chromium	52-2	446544	448571	446829	447315	0.25	cps
Cobalt	59-2	969102	972040	967736	969626	0.23	cps
Copper	63-2	1713221	1672908	1716787	1700972	1.43	cps
Dysprosium	156-1	150	117	83	117	28.57	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	58	83	75	72	17.62	cps
Erbium	164-2	20	3	7	10	88.20	cps
Gadolinium	160-1	50	108	83	81	36.33	cps
Gadolinium	160-2	7	20	20	16	49.47	cps
Holmium	165-1	7297265	6926051	7094275	7105864	2.62	cps
Holmium	165-2	1526491	1519696	1493826	1513338	1.14	cps
Indium	115-1	5635253	5375939	5523298	5511497	2.36	cps
Indium	115-2	242172	241808	234917	239632	1.71	cps
Iron	56-2	15768650	15689321	15725855	15727942	0.25	cps
Iron	57-2	397458	393656	391959	394358	0.71	cps
Krypton	83-1	430	363	450	414	10.95	cps
Lead	206-1	3620432	3602785	3603590	3608936	0.28	cps
Lead	207-1	3291027	3295418	3291687	3292711	0.07	cps
Lead	208-1	14659462	14752096	14709148	14706902	0.32	cps
Lithium	6-1	1095873	1056709	1059142	1070575	2.05	cps
Magnesium	24-2	1676935	1672918	1652062	1667305	0.80	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BS	Instrumnet Name :	P8
Client Sample ID :	PB113255BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:22:24	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	273204	269137	270782	271041	0.75	cps
Molybdenum	94-1	9013140	8910162	8997417	8973573	0.62	cps
Molybdenum	95-1	11001953	10988985	10975660	10988866	0.12	cps
Molybdenum	96-1	12359715	12397079	12402157	12386317	0.19	cps
Molybdenum	97-1	6975908	6939400	6951653	6955654	0.27	cps
Molybdenum	98-1	17685529	17608042	17824280	17705950	0.62	cps
Neodymium	150-1	287	273	240	267	9.01	cps
Neodymium	150-2	17	20	20	19	10.18	cps
Nickel	60-2	284840	285843	285472	285385	0.18	cps
Phosphorus	31-2	4634	4701	4676	4670	0.72	cps
Potassium	39-2	437951	433946	431651	434516	0.73	cps
Rhodium	103-1	5245919	4993410	5133130	5124153	2.47	cps
Rhodium	103-2	1343960	1337793	1309849	1330534	1.37	cps
Scandium	45-1	3285294	3193318	3159944	3212852	2.02	cps
Scandium	45-2	24832	25594	24445	24957	2.34	cps
Selenium	77-2	447	367	383	399	10.58	cps
Selenium	78-2	1496	1404	1458	1453	3.20	cps
Selenium	82-1	71469	71734	72014	71739	0.38	cps
Silicon	28-1	2477260	2487073	2477755	2480696	0.22	cps
Silver	109-1	5453199	5459125	5487761	5466695	0.34	cps
Silver	107-1	5667436	5692271	5688142	5682616	0.23	cps
Sodium	23-2	3619497	3617922	3595186	3610868	0.38	cps
Strontium	86-1	1374979	1373613	1379526	1376039	0.22	cps
Strontium	88-1	11983146	12026753	12110065	12039988	0.54	cps
Sulfur	34-1	676640	676152	668374	673722	0.69	cps
Terbium	159-1	7529029	7247296	7382301	7386208	1.91	cps
Terbium	159-2	1473596	1466143	1441482	1460407	1.15	cps
Thallium	203-1	4449963	4462089	4462169	4458073	0.16	cps
Thallium	205-1	10540699	10640335	10737658	10639564	0.93	cps
Tin	118-1	3647525	3643726	3626216	3639156	0.31	cps
Titanium	47-1	2838688	2860965	2834251	2844635	0.50	cps
Uranium	238-1	14455247	14619288	14437973	14504169	0.69	cps
Vanadium	51-2	331885	331383	335333	332867	0.65	cps
Yttrium	89-1	5967530	5775504	5818423	5853819	1.72	cps
Yttrium	89-2	182926	181197	178448	180857	1.25	cps
Zinc	66-2	166495	165699	167126	166440	0.43	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113255BS	Instrumnet Name :	P8
Client Sample ID :	PB113255BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:22:24	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7405999	7440187	7506540	7450909	0.69	cps
Zirconium	91-1	1696317	1683853	1676161	1685444	0.60	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:25:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	376736	378098	379933	378256	0.42	cps
Antimony	121-1	5244842	5255031	5260228	5253367	0.15	cps
Arsenic	75-2	56838	57467	56838	57048	0.64	cps
Barium	135-1	5634205	5620195	5585554	5613318	0.45	cps
Barium	137-1	9543304	9626129	9569012	9579481	0.44	cps
Beryllium	9-1	721549	723591	725043	723394	0.24	cps
Bismuth	209-1	4682371	4722016	4658063	4687483	0.69	cps
Bismuth	209-2	1137724	1142993	1143114	1141277	0.27	cps
Boron	10-1	84340	87316	86402	86019	1.77	cps
Boron	11-1	407387	420554	423803	417248	2.08	cps
Cadmium	111-1	1137388	1146880	1142058	1142108	0.42	cps
Cadmium	106-1	121864	120939	122190	121664	0.53	cps
Cadmium	108-1	82148	83016	81750	82305	0.79	cps
Calcium	43-1	5507692	5574667	5538855	5540405	0.60	cps
Calcium	44-1	90084877	90943079	90039983	90355980	0.56	cps
Chromium	52-2	460580	459455	460884	460307	0.16	cps
Cobalt	59-2	948730	949468	946823	948340	0.14	cps
Copper	63-2	1613998	1601814	1620040	1611951	0.58	cps
Dysprosium	156-1	83	158	108	117	32.73	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	67	58	67	64	7.53	cps
Gadolinium	160-2	17	17	10	14	26.66	cps
Holmium	165-1	7133791	7181082	7090686	7135186	0.63	cps
Holmium	165-2	1489786	1487481	1492030	1489766	0.15	cps
Indium	115-1	5312004	5404757	5314434	5343732	0.99	cps
Indium	115-2	228385	233091	231179	230885	1.02	cps
Iron	56-2	75904546	75810402	75966960	75893969	0.10	cps
Iron	57-2	1946677	1938405	1960823	1948635	0.58	cps
Krypton	83-1	460	367	373	400	13.02	cps
Lead	206-1	3581084	3587428	3584112	3584208	0.09	cps
Lead	207-1	3243024	3251980	3235933	3243645	0.25	cps
Lead	208-1	14452032	14550673	14478628	14493778	0.35	cps
Lithium	6-1	1045335	1071035	1053624	1056665	1.24	cps
Magnesium	24-2	7865355	7824134	7835672	7841720	0.27	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:25:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267922	265510	269847	267760	0.81	cps
Molybdenum	94-1	8980598	8989826	9026465	8998963	0.27	cps
Molybdenum	95-1	10939842	11015089	10985622	10980184	0.35	cps
Molybdenum	96-1	12255986	12385306	12379958	12340417	0.59	cps
Molybdenum	97-1	6938066	7058551	6957388	6984668	0.93	cps
Molybdenum	98-1	17668609	17620452	17495419	17594827	0.51	cps
Neodymium	150-1	313	333	287	311	7.53	cps
Neodymium	150-2	20	23	3	16	68.90	cps
Nickel	60-2	281928	280365	281146	281147	0.28	cps
Phosphorus	31-2	4501	5009	4951	4821	5.77	cps
Potassium	39-2	2156619	2160059	2170562	2162413	0.34	cps
Rhodium	103-1	4956216	4947571	4951856	4951881	0.09	cps
Rhodium	103-2	1267195	1275871	1276561	1273209	0.41	cps
Scandium	45-1	3153209	3188723	3188783	3176905	0.65	cps
Scandium	45-2	23687	24642	24284	24204	1.99	cps
Selenium	77-2	350	380	350	360	4.81	cps
Selenium	78-2	1206	1439	1359	1335	8.89	cps
Selenium	82-1	69314	69880	70465	69887	0.82	cps
Silicon	28-1	2467699	2507320	2501372	2492131	0.86	cps
Silver	109-1	5254098	5181111	5168949	5201386	0.89	cps
Silver	107-1	5412582	5487725	5497929	5466079	0.85	cps
Sodium	23-2	17246370	17243838	17312191	17267466	0.22	cps
Strontium	86-1	1366124	1371307	1373895	1370442	0.29	cps
Strontium	88-1	11963668	11951002	11968408	11961026	0.08	cps
Sulfur	34-1	664827	662305	654400	660511	0.82	cps
Terbium	159-1	7385110	7369177	7408193	7387493	0.27	cps
Terbium	159-2	1438630	1447353	1454268	1446750	0.54	cps
Thallium	203-1	4400390	4444756	4430630	4425259	0.51	cps
Thallium	205-1	10551139	10546907	10542791	10546946	0.04	cps
Tin	118-1	3576798	3616778	3618027	3603868	0.65	cps
Titanium	47-1	2798816	2846964	2814720	2820167	0.87	cps
Uranium	238-1	14626218	14668766	14577157	14624047	0.31	cps
Vanadium	51-2	330040	331387	332818	331415	0.42	cps
Yttrium	89-1	5786809	5774035	5795369	5785404	0.19	cps
Yttrium	89-2	178290	177848	178911	178350	0.30	cps
Zinc	66-2	158149	159605	158955	158903	0.46	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV78	Instrumnet Name :	P8
Client Sample ID :	CCV78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:25:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7508592	7459751	7572378	7513574	0.75	cps
Zirconium	91-1	1684840	1695384	1709108	1696444	0.72	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:39:05	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	18	20	18	7.90	cps
Antimony	121-1	1942	2125	2784	2284	19.39	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	33	33	42	36	13.33	cps
Barium	137-1	83	75	75	78	6.19	cps
Beryllium	9-1	217	178	267	220	20.22	cps
Bismuth	209-1	5071448	4815304	4901970	4929574	2.64	cps
Bismuth	209-2	1223755	1242459	1199769	1221994	1.75	cps
Boron	10-1	917	1100	1033	1017	9.13	cps
Boron	11-1	5118	4668	4826	4870	4.69	cps
Cadmium	111-1	839	815	899	851	5.11	cps
Cadmium	106-1	1183	1150	1267	1200	5.01	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	300	383	308	331	13.89	cps
Calcium	44-1	11430	11605	12957	11997	6.96	cps
Chromium	52-2	363	317	387	356	10.02	cps
Cobalt	59-2	57	80	67	68	17.27	cps
Copper	63-2	270	253	250	258	4.16	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	8	58	39	68.89	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	33	42	42	20.00	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	7234348	6919057	6989728	7047711	2.35	cps
Holmium	165-2	1497427	1502594	1472883	1490968	1.06	cps
Indium	115-1	5746986	5514988	5622743	5628239	2.06	cps
Indium	115-2	250440	250759	243147	248115	1.74	cps
Iron	56-2	1617	1834	1633	1695	7.12	cps
Iron	57-2	44	39	50	44	12.50	cps
Krypton	83-1	400	433	440	424	5.05	cps
Lead	206-1	461	389	511	454	13.54	cps
Lead	207-1	411	472	528	470	12.41	cps
Lead	208-1	1895	1811	2028	1911	5.72	cps
Lithium	6-1	1106365	1067635	1105785	1093262	2.03	cps
Magnesium	24-2	467	425	392	428	8.78	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:39:05	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	30	20	30	33.33	cps
Molybdenum	94-1	767	667	792	742	8.92	cps
Molybdenum	95-1	675	700	442	606	23.53	cps
Molybdenum	96-1	825	958	1075	953	13.13	cps
Molybdenum	97-1	575	483	408	489	17.07	cps
Molybdenum	98-1	1142	1158	1125	1142	1.46	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	213	197	227	16.96	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2767	3000	2809	2859	4.35	cps
Rhodium	103-1	5425827	5181636	5314752	5307405	2.30	cps
Rhodium	103-2	1389419	1386843	1360329	1378863	1.17	cps
Scandium	45-1	3299003	3093761	3209766	3200843	3.22	cps
Scandium	45-2	25687	25106	24592	25128	2.18	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	16	-27	-20	-10	-221.96	cps
Silicon	28-1	205585	208468	207630	207228	0.72	cps
Silver	109-1	75	125	117	106	25.38	cps
Silver	107-1	133	167	117	139	18.33	cps
Sodium	23-2	8219	7994	7736	7983	3.03	cps
Strontium	86-1	592	625	608	608	2.74	cps
Strontium	88-1	167	250	150	189	28.37	cps
Sulfur	34-1	341395	343102	345455	343317	0.59	cps
Terbium	159-1	7512601	7101869	7323723	7312731	2.81	cps
Terbium	159-2	1460825	1454008	1421324	1445386	1.46	cps
Thallium	203-1	475	583	575	544	11.07	cps
Thallium	205-1	1375	1425	1225	1342	7.76	cps
Tin	118-1	850	1025	1192	1022	16.71	cps
Titanium	47-1	100	142	108	117	18.90	cps
Uranium	238-1	42	83	108	78	43.30	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	5979912	5619366	5794796	5798024	3.11	cps
Yttrium	89-2	183817	183801	179901	182506	1.24	cps
Zinc	66-2	147	137	123	136	8.63	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB78	Instrumnet Name :	P8
Client Sample ID :	CCB78	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:39:05	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1117	1067	1283	1156	9.82	cps
Zirconium	91-1	250	217	267	244	10.41	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:42:30	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9155	8783	9113	9017	2.26	cps
Antimony	121-1	1890279	1939684	1900690	1910218	1.36	cps
Arsenic	75-2	34764	34959	35249	34991	0.70	cps
Barium	135-1	3472059	3458756	3434200	3455005	0.56	cps
Barium	137-1	5887508	5890722	5841575	5873268	0.47	cps
Beryllium	9-1	477202	472743	478168	476037	0.61	cps
Bismuth	209-1	4976011	4977678	4985006	4979565	0.10	cps
Bismuth	209-2	1235775	1213537	1215800	1221704	1.00	cps
Boron	10-1	139767	142609	149149	143842	3.34	cps
Boron	11-1	673960	699021	715275	696086	2.99	cps
Cadmium	111-1	999499	1004091	1002016	1001869	0.23	cps
Cadmium	106-1	90276	91695	89748	90573	1.11	cps
Cadmium	108-1	65910	64818	63737	64822	1.68	cps
Calcium	43-1	2409	1842	1942	2064	14.66	cps
Calcium	44-1	26518	26952	26634	26701	0.84	cps
Chromium	52-2	600820	603469	603509	602599	0.26	cps
Cobalt	59-2	726937	723978	720747	723888	0.43	cps
Copper	63-2	1064892	1064300	1058440	1062544	0.34	cps
Dysprosium	156-1	67	33	42	47	36.74	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	7060019	7145079	7220869	7141989	1.13	cps
Holmium	165-2	1529202	1489813	1502811	1507275	1.33	cps
Indium	115-1	5670570	5607018	5664597	5647395	0.62	cps
Indium	115-2	249160	243568	248682	247137	1.25	cps
Iron	56-2	1555851	1513602	1528698	1532717	1.40	cps
Iron	57-2	37417	37663	38531	37870	1.55	cps
Krypton	83-1	453	443	383	427	8.87	cps
Lead	206-1	5560469	5582906	5554529	5565968	0.27	cps
Lead	207-1	4854699	4939234	4885067	4893000	0.88	cps
Lead	208-1	22270729	22353248	22170472	22264816	0.41	cps
Lithium	6-1	1096914	1104211	1106047	1102391	0.44	cps
Magnesium	24-2	317	250	333	300	14.70	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:42:30	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	235610	234414	235957	235327	0.34	cps
Molybdenum	94-1	381061	383029	380030	381373	0.40	cps
Molybdenum	95-1	667368	671968	668824	669387	0.35	cps
Molybdenum	96-1	721444	715789	725245	720826	0.66	cps
Molybdenum	97-1	418087	417837	422406	419443	0.61	cps
Molybdenum	98-1	1078324	1075380	1080186	1077963	0.22	cps
Neodymium	150-1	140	220	127	162	31.12	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1008061	999970	1001993	1003341	0.42	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3176	2775	2792	2914	7.77	cps
Rhodium	103-1	5321514	5383680	5364020	5356405	0.59	cps
Rhodium	103-2	1389358	1365876	1379312	1378182	0.85	cps
Scandium	45-1	3232803	3224014	3215029	3223948	0.28	cps
Scandium	45-2	24896	23754	25173	24607	3.06	cps
Selenium	77-2	627	693	730	683	7.67	cps
Selenium	78-2	2304	2358	2345	2335	1.20	cps
Selenium	82-1	120035	119580	120248	119954	0.28	cps
Silicon	28-1	663440	667627	670548	667205	0.54	cps
Silver	109-1	3939490	3985546	3918418	3947818	0.87	cps
Silver	107-1	4125723	4151152	4102766	4126547	0.59	cps
Sodium	23-2	10429	9996	10212	10212	2.12	cps
Strontium	86-1	486196	487195	483585	485659	0.38	cps
Strontium	88-1	4243664	4298117	4304394	4282058	0.78	cps
Sulfur	34-1	326981	327716	321398	325365	1.06	cps
Terbium	159-1	7410884	7406717	7451762	7423121	0.34	cps
Terbium	159-2	1465450	1449983	1463365	1459599	0.58	cps
Thallium	203-1	3946525	3969720	3976501	3964249	0.40	cps
Thallium	205-1	9470695	9450082	9423121	9447966	0.25	cps
Tin	118-1	2575	2509	2884	2656	7.53	cps
Titanium	47-1	150	158	225	178	23.12	cps
Uranium	238-1	125	100	25	83	62.45	cps
Vanadium	51-2	582136	581683	584131	582650	0.22	cps
Yttrium	89-1	5842211	5861665	5860548	5854808	0.19	cps
Yttrium	89-2	183525	179790	181954	181756	1.03	cps
Zinc	66-2	263605	261376	263504	262828	0.48	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:42:30	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5376	5060	5151	5196	3.14	cps
Zirconium	91-1	1567	1692	1617	1625	3.87	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:45:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	430	390	410	410	4.88	cps
Antimony	121-1	6685	5760	5777	6074	8.72	cps
Arsenic	75-2	7	9	4	7	41.70	cps
Barium	135-1	783	833	600	739	16.63	cps
Barium	137-1	1233	1100	1083	1139	7.22	cps
Beryllium	9-1	339	378	350	356	5.63	cps
Bismuth	209-1	5057321	4860058	5133417	5016932	2.81	cps
Bismuth	209-2	1267495	1234778	1249067	1250447	1.31	cps
Boron	10-1	35796	35696	36648	36046	1.45	cps
Boron	11-1	175856	176151	175952	175986	0.09	cps
Cadmium	111-1	995	971	1093	1019	6.37	cps
Cadmium	106-1	1392	1317	1492	1400	6.27	cps
Cadmium	108-1	54	38	38	43	22.35	cps
Calcium	43-1	700	650	733	694	6.04	cps
Calcium	44-1	16610	17428	17637	17225	3.15	cps
Chromium	52-2	493	523	400	472	13.62	cps
Cobalt	59-2	253	293	267	271	7.51	cps
Copper	63-2	447	387	363	399	10.78	cps
Dysprosium	156-1	25	58	42	42	40.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	83	58	75	72	17.62	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	7245430	7080481	7380439	7235450	2.08	cps
Holmium	165-2	1531436	1506432	1523840	1520569	0.84	cps
Indium	115-1	5485036	5348868	5565992	5466632	2.01	cps
Indium	115-2	233601	227802	230424	230609	1.26	cps
Iron	56-2	8425	8458	8347	8410	0.68	cps
Iron	57-2	233	239	150	207	24.01	cps
Krypton	83-1	433	490	370	431	13.93	cps
Lead	206-1	1884	1811	1900	1865	2.53	cps
Lead	207-1	1622	1756	1739	1706	4.26	cps
Lead	208-1	7623	8046	7701	7790	2.89	cps
Lithium	6-1	1114540	1100009	1139570	1118039	1.79	cps
Magnesium	24-2	425	425	525	458	12.60	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:45:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	163	160	164	3.10	cps
Molybdenum	94-1	13341	11756	11088	12061	9.59	cps
Molybdenum	95-1	725	817	642	728	12.03	cps
Molybdenum	96-1	3284	2884	2717	2962	9.84	cps
Molybdenum	97-1	642	608	475	575	15.34	cps
Molybdenum	98-1	1375	1383	1067	1275	14.16	cps
Neodymium	150-1	7	33	47	29	70.49	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	553	460	483	499	9.74	cps
Phosphorus	31-2	25	17	0	14	91.65	cps
Potassium	39-2	2592	2917	2542	2684	7.59	cps
Rhodium	103-1	5448323	5257685	5527114	5411041	2.56	cps
Rhodium	103-2	1414335	1392269	1402910	1403171	0.79	cps
Scandium	45-1	3295803	3148366	3338830	3261000	3.06	cps
Scandium	45-2	25353	25193	25196	25247	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	58	1	92	50	90.68	cps
Silicon	28-1	6036299	6003243	6146681	6062074	1.24	cps
Silver	109-1	550	425	383	453	19.16	cps
Silver	107-1	508	575	567	550	6.61	cps
Sodium	23-2	18922	18730	18479	18710	1.19	cps
Strontium	86-1	883	1150	958	997	13.79	cps
Strontium	88-1	2850	2784	2725	2787	2.24	cps
Sulfur	34-1	312893	311548	314052	312831	0.40	cps
Terbium	159-1	7562813	7349949	7683757	7532173	2.24	cps
Terbium	159-2	1479901	1452902	1475406	1469403	0.98	cps
Thallium	203-1	1734	1692	1609	1678	3.79	cps
Thallium	205-1	4201	3767	3892	3954	5.64	cps
Tin	118-1	12938015	12916416	12885432	12913288	0.20	cps
Titanium	47-1	313699	318317	316087	316034	0.73	cps
Uranium	238-1	392	367	383	381	3.34	cps
Vanadium	51-2	33	47	33	38	20.39	cps
Yttrium	89-1	5931058	5789334	6017299	5912564	1.95	cps
Yttrium	89-2	186228	183741	185146	185038	0.67	cps
Zinc	66-2	113	123	123	120	4.81	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:45:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	34971	31679	29667	32106	8.34	cps
Zirconium	91-1	7753	7302	6193	7083	11.33	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:49:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	23	18	18	28.59	cps
Antimony	121-1	1358	1158	1150	1222	9.65	cps
Arsenic	75-2	9	19	7	12	50.75	cps
Barium	135-1	2309	2475	2000	2261	10.66	cps
Barium	137-1	3667	3734	3467	3623	3.83	cps
Beryllium	9-1	239	244	350	278	22.54	cps
Bismuth	209-1	5546826	5886535	5814936	5749432	3.11	cps
Bismuth	209-2	1374743	1425106	1328598	1376149	3.51	cps
Boron	10-1	3442	3351	3434	3409	1.49	cps
Boron	11-1	17128	16685	15334	16382	5.70	cps
Cadmium	111-1	1105	970	1151	1075	8.74	cps
Cadmium	106-1	1533	1325	1525	1461	8.07	cps
Cadmium	108-1	8	17	0	8	100.02	cps
Calcium	43-1	627175	609467	615463	617368	1.46	cps
Calcium	44-1	10136685	9971412	9979268	10029121	0.93	cps
Chromium	52-2	310	297	290	299	3.41	cps
Cobalt	59-2	50	43	40	44	11.46	cps
Copper	63-2	420	463	417	433	6.01	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	67	17	25	36	74.18	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	8806217	8987204	8878146	8890522	1.02	cps
Holmium	165-2	1888735	1883056	1793103	1854965	2.89	cps
Indium	115-1	6915673	6947572	6978710	6947318	0.45	cps
Indium	115-2	305364	311595	292530	303163	3.21	cps
Iron	56-2	1206	1250	1361	1272	6.30	cps
Iron	57-2	78	28	67	57	45.73	cps
Krypton	83-1	477	460	413	450	7.30	cps
Lead	206-1	4279	4151	4117	4182	2.03	cps
Lead	207-1	3840	3762	3517	3706	4.54	cps
Lead	208-1	17288	16416	16238	16647	3.38	cps
Lithium	6-1	1355621	1357826	1362835	1358761	0.27	cps
Magnesium	24-2	1340155	1366386	1354765	1353769	0.97	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:49:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	110	113	120	12.11	cps
Molybdenum	94-1	1058	917	1208	1061	13.75	cps
Molybdenum	95-1	1717	1734	1500	1650	7.89	cps
Molybdenum	96-1	1717	1800	1717	1745	2.76	cps
Molybdenum	97-1	1150	958	958	1022	10.82	cps
Molybdenum	98-1	2684	2709	2500	2631	4.33	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	253	267	247	256	3.99	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	513730	513908	517246	514961	0.38	cps
Rhodium	103-1	6477447	6553719	6499827	6510331	0.60	cps
Rhodium	103-2	1715647	1758295	1627375	1700439	3.93	cps
Scandium	45-1	4088559	4110629	4128489	4109226	0.49	cps
Scandium	45-2	31669	32464	29625	31253	4.69	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	7	41	53	34	70.35	cps
Silicon	28-1	162589	163819	163196	163202	0.38	cps
Silver	109-1	208	275	217	233	15.57	cps
Silver	107-1	292	183	258	244	22.70	cps
Sodium	23-2	7673950	7634867	7715911	7674909	0.53	cps
Strontium	86-1	10062	9137	9462	9554	4.92	cps
Strontium	88-1	78023	78492	76013	77509	1.70	cps
Sulfur	34-1	318943	334269	343470	332227	3.73	cps
Terbium	159-1	9117080	9320761	9218905	9218915	1.10	cps
Terbium	159-2	1839616	1856372	1744579	1813522	3.32	cps
Thallium	203-1	667	692	650	669	3.13	cps
Thallium	205-1	1625	1792	1734	1717	4.93	cps
Tin	118-1	7044	6669	5785	6499	9.95	cps
Titanium	47-1	200	167	217	194	13.09	cps
Uranium	238-1	25	67	50	47	44.41	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	7222475	7350640	7259460	7277525	0.91	cps
Yttrium	89-2	227976	233945	218689	226870	3.39	cps
Zinc	66-2	97	97	113	102	9.41	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:49:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	500	367	408	425	16.05	cps
Zirconium	91-1	83	108	50	81	36.33	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:52:36	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9153	9108	9163	9141	0.32	cps
Antimony	121-1	1923780	1939216	1951998	1938331	0.73	cps
Arsenic	75-2	35557	35312	35395	35421	0.35	cps
Barium	135-1	3521301	3481864	3511935	3505033	0.59	cps
Barium	137-1	6012303	5957961	6026442	5998902	0.60	cps
Beryllium	9-1	488233	484132	482828	485064	0.58	cps
Bismuth	209-1	4955073	5069346	4856676	4960365	2.15	cps
Bismuth	209-2	1237317	1207593	1230796	1225235	1.28	cps
Boron	10-1	143620	147592	153488	148233	3.35	cps
Boron	11-1	699303	722033	742203	721180	2.98	cps
Cadmium	111-1	1016789	1020497	1023693	1020326	0.34	cps
Cadmium	106-1	91761	92953	91670	92128	0.78	cps
Cadmium	108-1	66702	67221	67418	67114	0.55	cps
Calcium	43-1	2084	2134	2025	2081	2.61	cps
Calcium	44-1	26743	26893	26301	26646	1.16	cps
Chromium	52-2	608811	602687	601325	604274	0.66	cps
Cobalt	59-2	732010	727205	721752	726989	0.71	cps
Copper	63-2	1067656	1064838	1063418	1065304	0.20	cps
Dysprosium	156-1	42	67	17	42	60.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	33	33	0.02	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	33	83	75	64	41.93	cps
Gadolinium	160-2	10	0	7	6	91.64	cps
Holmium	165-1	7145014	7097918	6940051	7060995	1.52	cps
Holmium	165-2	1506895	1499579	1518824	1508433	0.64	cps
Indium	115-1	5703895	5676662	5482627	5621061	2.15	cps
Indium	115-2	245865	244811	247424	246033	0.53	cps
Iron	56-2	1529622	1552054	1555340	1545672	0.91	cps
Iron	57-2	37652	38248	38281	38060	0.93	cps
Krypton	83-1	410	467	357	411	13.38	cps
Lead	206-1	5627584	5638705	5677028	5647773	0.46	cps
Lead	207-1	4942687	4920290	4988337	4950438	0.70	cps
Lead	208-1	22468894	22574787	22777171	22606951	0.69	cps
Lithium	6-1	1128133	1123278	1078325	1109912	2.47	cps
Magnesium	24-2	317	150	383	283	42.42	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:52:36	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	236264	235169	235322	235585	0.25	cps
Molybdenum	94-1	387805	385910	387013	386909	0.25	cps
Molybdenum	95-1	681063	679240	685732	682012	0.49	cps
Molybdenum	96-1	736141	728033	733117	732430	0.56	cps
Molybdenum	97-1	426380	426201	429733	427438	0.47	cps
Molybdenum	98-1	1088420	1085698	1083158	1085759	0.24	cps
Neodymium	150-1	127	167	160	151	14.18	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1010503	1002151	1003812	1005489	0.44	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3017	2950	3025	2998	1.37	cps
Rhodium	103-1	5387321	5358570	5147965	5297952	2.47	cps
Rhodium	103-2	1381971	1381176	1384750	1382632	0.14	cps
Scandium	45-1	3257962	3311531	3097192	3222228	3.46	cps
Scandium	45-2	25169	24047	24087	24435	2.60	cps
Selenium	77-2	733	593	763	697	13.02	cps
Selenium	78-2	2450	2339	2445	2411	2.60	cps
Selenium	82-1	121931	121917	123783	122544	0.88	cps
Silicon	28-1	681083	677456	675279	677939	0.43	cps
Silver	109-1	4049811	4034876	4063600	4049429	0.35	cps
Silver	107-1	4205358	4198504	4190123	4197995	0.18	cps
Sodium	23-2	11313	11247	10713	11091	2.97	cps
Strontium	86-1	497476	496782	500322	498193	0.38	cps
Strontium	88-1	4378194	4356926	4413684	4382934	0.65	cps
Sulfur	34-1	349480	344972	336657	343703	1.89	cps
Terbium	159-1	7553393	7501576	7151447	7402139	2.95	cps
Terbium	159-2	1469603	1453528	1470646	1464592	0.66	cps
Thallium	203-1	4010867	4040969	4067646	4039828	0.70	cps
Thallium	205-1	9550718	9556740	9703393	9603617	0.90	cps
Tin	118-1	5168	4893	4643	4901	5.36	cps
Titanium	47-1	192	208	242	214	11.90	cps
Uranium	238-1	67	58	25	50	44.10	cps
Vanadium	51-2	587104	584644	582130	584626	0.43	cps
Yttrium	89-1	5963838	5934608	5651201	5849883	2.95	cps
Yttrium	89-2	182211	179982	182269	181487	0.72	cps
Zinc	66-2	264729	264688	263079	264165	0.36	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:52:36	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1834	2042	1734	1870	8.42	cps
Zirconium	91-1	717	650	750	706	7.22	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:55:57	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415	408	433	418	3.07	cps
Antimony	121-1	6652	5576	5510	5913	10.84	cps
Arsenic	75-2	4	4	11	6	69.34	cps
Barium	135-1	500	492	442	478	6.60	cps
Barium	137-1	925	633	733	764	19.40	cps
Beryllium	9-1	333	306	306	315	5.09	cps
Bismuth	209-1	4932995	5073092	5117611	5041233	1.91	cps
Bismuth	209-2	1204451	1224303	1252806	1227187	1.98	cps
Boron	10-1	37909	37425	36288	37208	2.24	cps
Boron	11-1	176135	177258	176886	176759	0.32	cps
Cadmium	111-1	993	760	918	890	13.37	cps
Cadmium	106-1	1342	1050	1250	1214	12.29	cps
Cadmium	108-1	25	13	33	24	44.41	cps
Calcium	43-1	542	675	525	581	14.16	cps
Calcium	44-1	15267	15351	15259	15292	0.33	cps
Chromium	52-2	547	497	537	527	5.02	cps
Cobalt	59-2	207	200	197	201	2.53	cps
Copper	63-2	460	377	393	410	10.76	cps
Dysprosium	156-1	8	42	8	19	99.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	75	100	75	83	17.32	cps
Gadolinium	160-2	10	17	17	14	26.66	cps
Holmium	165-1	7151770	7241722	7220131	7204541	0.65	cps
Holmium	165-2	1490581	1510609	1521866	1507685	1.05	cps
Indium	115-1	5369450	5477432	5505768	5450883	1.32	cps
Indium	115-2	226579	227245	228345	227390	0.39	cps
Iron	56-2	4862	4501	4701	4688	3.86	cps
Iron	57-2	89	67	150	102	42.37	cps
Krypton	83-1	347	417	510	424	19.31	cps
Lead	206-1	2461	2078	2450	2330	9.37	cps
Lead	207-1	2034	2017	2145	2065	3.36	cps
Lead	208-1	9157	8935	9546	9213	3.36	cps
Lithium	6-1	1098612	1127508	1127528	1117882	1.49	cps
Magnesium	24-2	342	358	392	364	7.00	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:55:57	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	120	93	106	12.76	cps
Molybdenum	94-1	10004	9729	9028	9587	5.25	cps
Molybdenum	95-1	875	625	683	728	17.97	cps
Molybdenum	96-1	2459	2250	2417	2375	4.64	cps
Molybdenum	97-1	567	625	433	542	18.14	cps
Molybdenum	98-1	1033	1175	1133	1114	6.54	cps
Neodymium	150-1	47	33	40	40	16.68	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	460	517	520	499	6.76	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2925	2892	2825	2881	1.77	cps
Rhodium	103-1	5296954	5393595	5441244	5377265	1.37	cps
Rhodium	103-2	1373682	1394138	1409543	1392454	1.29	cps
Scandium	45-1	3190674	3260580	3269549	3240268	1.33	cps
Scandium	45-2	24194	24204	24922	24440	1.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	126	87	-99	38	315.59	cps
Silicon	28-1	5918555	5952791	5933152	5934833	0.29	cps
Silver	109-1	450	517	408	458	11.92	cps
Silver	107-1	650	592	442	561	19.16	cps
Sodium	23-2	19715	18938	18888	19180	2.42	cps
Strontium	86-1	867	783	925	858	8.30	cps
Strontium	88-1	1584	1809	1892	1761	9.06	cps
Sulfur	34-1	312492	311563	309811	311289	0.44	cps
Terbium	159-1	7400312	7495784	7616503	7504200	1.44	cps
Terbium	159-2	1450458	1454636	1472124	1459072	0.79	cps
Thallium	203-1	1675	1609	1408	1564	8.87	cps
Thallium	205-1	3784	4076	3509	3790	7.48	cps
Tin	118-1	12833291	12889091	12927339	12883241	0.37	cps
Titanium	47-1	311318	311727	313852	312299	0.44	cps
Uranium	238-1	133	133	142	136	3.53	cps
Vanadium	51-2	17	27	33	26	32.81	cps
Yttrium	89-1	5844193	5925435	5945361	5904996	0.91	cps
Yttrium	89-2	181348	182433	184068	182616	0.75	cps
Zinc	66-2	117	110	83	103	17.07	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:55:57	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	25909	24723	24957	25196	2.49	cps
Zirconium	91-1	6093	5393	5285	5590	7.85	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:59:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	10	18	17	37.77	cps
Antimony	121-1	950	1008	1017	992	3.66	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	2092	2167	1992	2084	4.21	cps
Barium	137-1	3842	3692	3567	3701	3.72	cps
Beryllium	9-1	244	300	317	287	13.18	cps
Bismuth	209-1	5743467	5842815	5538465	5708249	2.72	cps
Bismuth	209-2	1397598	1330356	1466057	1398004	4.85	cps
Boron	10-1	4393	4301	3776	4156	8.01	cps
Boron	11-1	19739	20056	18279	19358	4.90	cps
Cadmium	111-1	1012	1001	973	996	2.01	cps
Cadmium	106-1	1417	1375	1383	1392	1.58	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	609047	610476	610041	609855	0.12	cps
Calcium	44-1	9988319	9822263	9962817	9924466	0.90	cps
Chromium	52-2	250	283	317	283	11.76	cps
Cobalt	59-2	67	37	43	49	32.22	cps
Copper	63-2	453	437	437	442	2.18	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	42	67	50	28.87	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	50	50	83	61	31.50	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	9011018	9022350	8867529	8966966	0.96	cps
Holmium	165-2	1902189	1743517	1893038	1846248	4.83	cps
Indium	115-1	7069755	7053375	6975246	7032792	0.72	cps
Indium	115-2	310010	285911	309083	301668	4.53	cps
Iron	56-2	1189	1183	983	1119	10.47	cps
Iron	57-2	28	39	39	35	18.23	cps
Krypton	83-1	433	367	390	397	8.53	cps
Lead	206-1	3717	3717	3634	3690	1.30	cps
Lead	207-1	3117	3134	3223	3158	1.80	cps
Lead	208-1	14687	14632	14064	14461	2.38	cps
Lithium	6-1	1372080	1372622	1392048	1378917	0.82	cps
Magnesium	24-2	1367119	1380038	1316591	1354583	2.48	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:59:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187	97	160	148	31.28	cps
Molybdenum	94-1	1150	1167	1025	1114	6.95	cps
Molybdenum	95-1	1475	1392	1592	1486	6.76	cps
Molybdenum	96-1	1609	1500	1850	1653	10.84	cps
Molybdenum	97-1	1033	1008	992	1011	2.07	cps
Molybdenum	98-1	2400	2434	2475	2436	1.54	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	263	287	287	279	4.83	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	510652	522116	514658	515809	1.13	cps
Rhodium	103-1	6649059	6545179	6585463	6593234	0.79	cps
Rhodium	103-2	1697975	1576279	1705354	1659869	4.37	cps
Scandium	45-1	4052490	4134376	4056674	4081180	1.13	cps
Scandium	45-2	31990	29735	32027	31251	4.20	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	26	86	82	65	52.01	cps
Silicon	28-1	162673	164417	163786	163625	0.54	cps
Silver	109-1	233	225	292	250	14.53	cps
Silver	107-1	267	342	317	308	12.39	cps
Sodium	23-2	7754496	7882150	7646646	7761097	1.52	cps
Strontium	86-1	9454	9078	9729	9420	3.47	cps
Strontium	88-1	77755	78443	75995	77397	1.63	cps
Sulfur	34-1	324271	336428	350337	337012	3.87	cps
Terbium	159-1	9454011	9265069	9223642	9314241	1.32	cps
Terbium	159-2	1862481	1708736	1828176	1799798	4.48	cps
Thallium	203-1	808	808	733	783	5.53	cps
Thallium	205-1	1750	1809	1725	1761	2.43	cps
Tin	118-1	6202	5793	5918	5971	3.51	cps
Titanium	47-1	83	100	117	100	16.66	cps
Uranium	238-1	17	17	8	14	34.67	cps
Vanadium	51-2	7	3	13	8	65.47	cps
Yttrium	89-1	7435564	7431561	7331841	7399655	0.79	cps
Yttrium	89-2	230714	214426	230469	225203	4.14	cps
Zinc	66-2	173	143	153	157	9.75	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 16:59:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	400	392	442	411	6.52	cps
Zirconium	91-1	142	83	83	103	32.77	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:04:08	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	38	28	31	18.72	cps
Antimony	121-1	842	967	1033	947	10.27	cps
Arsenic	75-2	0	7	6	4	89.21	cps
Barium	135-1	450	392	392	411	8.19	cps
Barium	137-1	600	767	742	703	12.79	cps
Beryllium	9-1	256	289	256	267	7.22	cps
Bismuth	209-1	4861162	5220000	5062464	5047875	3.56	cps
Bismuth	209-2	1271961	1262498	1283090	1272517	0.81	cps
Boron	10-1	2534	2450	2559	2514	2.26	cps
Boron	11-1	12389	12573	12314	12425	1.07	cps
Cadmium	111-1	1054	1031	975	1020	3.99	cps
Cadmium	106-1	1509	1433	1383	1442	4.36	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	102061	99468	104403	101977	2.42	cps
Calcium	44-1	1728339	1691324	1701592	1707085	1.12	cps
Chromium	52-2	433	400	477	437	8.80	cps
Cobalt	59-2	37	40	47	41	12.39	cps
Copper	63-2	323	303	317	314	3.24	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	17	3	0	7	132.33	cps
Holmium	165-1	7084461	7390546	7400056	7291688	2.46	cps
Holmium	165-2	1602044	1569952	1574143	1582046	1.10	cps
Indium	115-1	5620007	5859139	5893026	5790724	2.57	cps
Indium	115-2	266246	259255	266767	264089	1.59	cps
Iron	56-2	1261	1350	1328	1313	3.52	cps
Iron	57-2	33	33	44	37	17.33	cps
Krypton	83-1	480	433	387	433	10.77	cps
Lead	206-1	1328	1411	1433	1391	4.00	cps
Lead	207-1	1128	1306	1317	1250	8.48	cps
Lead	208-1	5095	5706	5656	5486	6.19	cps
Lithium	6-1	1111863	1150233	1160181	1140759	2.24	cps
Magnesium	24-2	218993	219274	222640	220303	0.92	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:04:08	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	70	37	54	30.81	cps
Molybdenum	94-1	442	467	542	483	10.77	cps
Molybdenum	95-1	392	458	442	431	8.06	cps
Molybdenum	96-1	533	500	592	542	8.57	cps
Molybdenum	97-1	367	358	275	333	15.21	cps
Molybdenum	98-1	800	708	667	725	9.41	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	260	220	283	254	12.59	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	88763	86575	87329	87556	1.27	cps
Rhodium	103-1	5259294	5528627	5621480	5469801	3.44	cps
Rhodium	103-2	1448240	1434796	1463189	1448742	0.98	cps
Scandium	45-1	3307903	3496518	3465891	3423438	2.96	cps
Scandium	45-2	27627	26505	27170	27101	2.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	3	28	69	33	100.11	cps
Silicon	28-1	211454	212697	213965	212705	0.59	cps
Silver	109-1	150	100	258	169	47.77	cps
Silver	107-1	217	183	233	211	12.06	cps
Sodium	23-2	1328278	1321262	1326454	1325331	0.27	cps
Strontium	86-1	2384	2142	2267	2264	5.34	cps
Strontium	88-1	13624	13315	14158	13699	3.11	cps
Sulfur	34-1	385145	383419	388509	385691	0.67	cps
Terbium	159-1	7362965	7653979	7720372	7579105	2.51	cps
Terbium	159-2	1534329	1527875	1541111	1534438	0.43	cps
Thallium	203-1	650	600	483	578	14.80	cps
Thallium	205-1	1525	1559	1333	1472	8.25	cps
Tin	118-1	4159	3734	3701	3865	6.61	cps
Titanium	47-1	125	158	142	142	11.76	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Yttrium	89-1	5830634	6103872	6215260	6049922	3.27	cps
Yttrium	89-2	197986	194507	197663	196719	0.98	cps
Zinc	66-2	90	123	137	117	20.60	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4878-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:04:08	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	592	525	478	30.02	cps
Zirconium	91-1	92	142	100	111	24.11	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:07:32	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	33	15	22	43.70	cps
Antimony	121-1	642	708	533	628	14.07	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	450	383	308	381	18.62	cps
Barium	137-1	900	600	617	706	23.90	cps
Beryllium	9-1	211	189	211	204	6.30	cps
Bismuth	209-1	4909133	5144796	5020741	5024890	2.35	cps
Bismuth	209-2	1260711	1266628	1274015	1267118	0.53	cps
Boron	10-1	1859	2117	2167	2047	8.08	cps
Boron	11-1	9637	9820	9579	9679	1.30	cps
Cadmium	111-1	754	931	955	880	12.48	cps
Cadmium	106-1	1075	1325	1350	1250	12.17	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	102313	101222	101097	101544	0.66	cps
Calcium	44-1	1712205	1683096	1689650	1694984	0.90	cps
Chromium	52-2	373	377	370	373	0.89	cps
Cobalt	59-2	57	53	63	58	8.81	cps
Copper	63-2	367	343	300	337	10.05	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	58	67	58	61	7.87	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	7076675	7398712	7276488	7250625	2.24	cps
Holmium	165-2	1564645	1574075	1590841	1576520	0.84	cps
Indium	115-1	5678031	5961538	5814995	5818188	2.44	cps
Indium	115-2	265815	262045	264876	264246	0.74	cps
Iron	56-2	1233	1261	1233	1243	1.29	cps
Iron	57-2	22	56	33	37	45.84	cps
Krypton	83-1	490	420	367	426	14.54	cps
Lead	206-1	1239	1128	1300	1222	7.14	cps
Lead	207-1	1089	1111	1072	1091	1.79	cps
Lead	208-1	4745	4439	4967	4717	5.62	cps
Lithium	6-1	1116160	1175198	1146490	1145949	2.58	cps
Magnesium	24-2	220931	222844	221871	221882	0.43	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:07:32	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	47	37	51	33.46	cps
Molybdenum	94-1	358	492	392	414	16.77	cps
Molybdenum	95-1	408	442	350	400	11.60	cps
Molybdenum	96-1	483	525	458	489	6.89	cps
Molybdenum	97-1	358	242	258	286	22.05	cps
Molybdenum	98-1	717	583	583	628	12.26	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	250	263	283	266	6.32	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	85652	87102	88595	87116	1.69	cps
Rhodium	103-1	5329460	5621184	5436239	5462295	2.70	cps
Rhodium	103-2	1451166	1431431	1453434	1445344	0.84	cps
Scandium	45-1	3298952	3539768	3433604	3424108	3.52	cps
Scandium	45-2	26706	27203	27684	27198	1.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-34	-3	53	5	835.57	cps
Silicon	28-1	211696	209610	214335	211880	1.12	cps
Silver	109-1	117	175	150	147	19.88	cps
Silver	107-1	117	158	1029	435	118.51	cps
Sodium	23-2	1321347	1320461	1343926	1328578	1.00	cps
Strontium	86-1	2384	2017	2425	2275	9.88	cps
Strontium	88-1	13791	13482	12857	13377	3.56	cps
Sulfur	34-1	384275	387593	389698	387189	0.71	cps
Terbium	159-1	7303602	7783062	7606792	7564485	3.21	cps
Terbium	159-2	1516372	1523730	1536226	1525443	0.66	cps
Thallium	203-1	583	642	433	553	19.44	cps
Thallium	205-1	1308	1267	1367	1314	3.82	cps
Tin	118-1	3075	3509	3184	3256	6.93	cps
Titanium	47-1	100	117	125	114	11.18	cps
Uranium	238-1	33	42	42	39	12.38	cps
Vanadium	51-2	17	0	10	9	94.38	cps
Yttrium	89-1	5888450	6256731	6093452	6079544	3.04	cps
Yttrium	89-2	194845	195084	195914	195281	0.29	cps
Zinc	66-2	137	123	107	122	12.30	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J4879-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-04 17:07:32	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	542	458	517	506	8.46	cps
Zirconium	91-1	75	125	83	94	28.37	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:10:57	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2433	2346	2433	2404	2.10	cps
Antimony	121-1	231354	232491	234389	232745	0.66	cps
Arsenic	75-2	1426	1546	1424	1466	4.78	cps
Barium	135-1	6248192	6260282	6196043	6234839	0.55	cps
Barium	137-1	10750255	10682330	10786364	10739650	0.49	cps
Beryllium	9-1	7808	8030	7352	7730	4.47	cps
Bismuth	209-1	5110154	4961578	4974801	5015511	1.64	cps
Bismuth	209-2	1250628	1256861	1240188	1249226	0.67	cps
Boron	10-1	150573	156284	156680	154512	2.21	cps
Boron	11-1	715701	738517	754372	736197	2.64	cps
Cadmium	111-1	106448	106846	106652	106649	0.19	cps
Cadmium	106-1	11022	11005	10813	10947	1.06	cps
Cadmium	108-1	6773	6919	6931	6874	1.28	cps
Calcium	43-1	692	658	475	608	19.18	cps
Calcium	44-1	14825	14708	14366	14633	1.63	cps
Chromium	52-2	171206	168429	169843	169826	0.82	cps
Cobalt	59-2	53	47	67	56	18.33	cps
Copper	63-2	2384986	2395362	2387242	2389196	0.23	cps
Dysprosium	156-1	58	58	58	58	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	8	67	67	47	71.33	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	7272757	7185842	7221758	7226786	0.60	cps
Holmium	165-2	1538973	1533870	1526079	1532974	0.42	cps
Indium	115-1	5806338	5741799	5750815	5766317	0.61	cps
Indium	115-2	257939	254488	253387	255271	0.93	cps
Iron	56-2	566778	562553	565265	564866	0.38	cps
Iron	57-2	13640	14313	14513	14156	3.23	cps
Krypton	83-1	370	437	430	412	8.91	cps
Lead	206-1	364368	365013	361780	363720	0.47	cps
Lead	207-1	305752	305991	307057	306267	0.23	cps
Lead	208-1	1425007	1435721	1422261	1427663	0.50	cps
Lithium	6-1	1131931	1142272	1139894	1138032	0.48	cps
Magnesium	24-2	358	242	250	283	22.97	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:10:57	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40880	41187	41385	41151	0.62	cps
Molybdenum	94-1	174869	172885	173519	173758	0.58	cps
Molybdenum	95-1	309241	310385	305500	308375	0.83	cps
Molybdenum	96-1	327884	329118	327287	328096	0.28	cps
Molybdenum	97-1	192348	191803	192204	192118	0.15	cps
Molybdenum	98-1	493621	485223	490670	489838	0.87	cps
Neodymium	150-1	247	247	260	251	3.06	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	84776	83770	84219	84255	0.60	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2959	2842	2517	2773	8.26	cps
Rhodium	103-1	5581683	5462249	5471042	5504991	1.21	cps
Rhodium	103-2	1423819	1430086	1411059	1421655	0.68	cps
Scandium	45-1	3424002	3368935	3363210	3385382	0.99	cps
Scandium	45-2	25654	26278	25627	25853	1.43	cps
Selenium	77-2	37	63	70	57	31.12	cps
Selenium	78-2	196	215	226	212	7.05	cps
Selenium	82-1	10119	10368	10238	10242	1.21	cps
Silicon	28-1	467307	469400	470105	468937	0.31	cps
Silver	109-1	2738991	2765131	2765410	2756511	0.55	cps
Silver	107-1	2923893	2915600	2879198	2906230	0.82	cps
Sodium	23-2	9670	9362	10137	9723	4.02	cps
Strontium	86-1	817	842	842	833	1.73	cps
Strontium	88-1	1567	1600	1634	1600	2.08	cps
Sulfur	34-1	379288	379403	371352	376681	1.23	cps
Terbium	159-1	7720523	7523754	7499606	7581294	1.60	cps
Terbium	159-2	1495541	1532006	1489346	1505631	1.53	cps
Thallium	203-1	34180	34824	34782	34595	1.04	cps
Thallium	205-1	80329	80270	82132	80911	1.31	cps
Tin	118-1	3342	3234	3192	3256	2.38	cps
Titanium	47-1	167	108	183	153	25.78	cps
Uranium	238-1	2943813	2904578	2918798	2922396	0.68	cps
Vanadium	51-2	154042	151721	152014	152593	0.83	cps
Yttrium	89-1	6090102	5986953	6028655	6035237	0.86	cps
Yttrium	89-2	190830	187376	187387	188531	1.06	cps
Zinc	66-2	56327	54938	55444	55570	1.27	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-02	Instrumnet Name :	P8
Client Sample ID :	1706	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:10:57	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1108	1158	1342	1203	10.21	cps
Zirconium	91-1	250	267	325	281	14.04	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:14:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	90	95	105	20.76	cps
Antimony	121-1	508	567	617	564	9.62	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	967	1133	1150	1083	9.36	cps
Barium	137-1	2084	2025	2267	2125	5.94	cps
Beryllium	9-1	183	250	139	191	29.32	cps
Bismuth	209-1	5016349	5077778	4893045	4995724	1.88	cps
Bismuth	209-2	1251144	1221108	1248653	1240302	1.34	cps
Boron	10-1	10771	9370	9529	9890	7.76	cps
Boron	11-1	49043	47187	44578	46936	4.78	cps
Cadmium	111-1	966	965	998	976	1.90	cps
Cadmium	106-1	1317	1292	1358	1322	2.55	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	796218	803618	807496	802444	0.71	cps
Calcium	44-1	12946432	13017183	13118717	13027444	0.66	cps
Chromium	52-2	507	540	520	522	3.21	cps
Cobalt	59-2	113	100	143	119	18.67	cps
Copper	63-2	480	507	497	494	2.72	cps
Dysprosium	156-1	83	142	175	133	34.80	cps
Dysprosium	156-2	27	17	17	20	28.86	cps
Erbium	164-1	183	142	100	142	29.41	cps
Erbium	164-2	23	17	37	26	39.85	cps
Gadolinium	160-1	175	183	125	161	19.58	cps
Gadolinium	160-2	33	37	43	38	13.48	cps
Holmium	165-1	7245626	7283612	7198345	7242528	0.59	cps
Holmium	165-2	1564948	1531650	1547128	1547909	1.08	cps
Indium	115-1	5708361	5778364	5680204	5722310	0.88	cps
Indium	115-2	259267	254316	256328	256637	0.97	cps
Iron	56-2	11316	12055	11633	11668	3.18	cps
Iron	57-2	306	350	272	309	12.62	cps
Krypton	83-1	350	463	430	414	14.05	cps
Lead	206-1	1172	1189	1228	1196	2.38	cps
Lead	207-1	939	1000	1067	1002	6.38	cps
Lead	208-1	4473	4650	4595	4573	1.99	cps
Lithium	6-1	1145288	1131592	1125002	1133961	0.91	cps
Magnesium	24-2	200257	199488	199411	199719	0.23	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:14:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327	350	330	336	3.76	cps
Molybdenum	94-1	675	625	625	642	4.50	cps
Molybdenum	95-1	542	417	350	436	22.31	cps
Molybdenum	96-1	575	592	508	558	7.90	cps
Molybdenum	97-1	283	275	333	297	10.61	cps
Molybdenum	98-1	733	742	550	675	16.05	cps
Neodymium	150-1	80	160	153	131	33.86	cps
Neodymium	150-2	17	10	23	17	39.99	cps
Nickel	60-2	297	310	287	298	3.93	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	265101	262808	266453	264787	0.70	cps
Rhodium	103-1	5379130	5503200	5361322	5414551	1.43	cps
Rhodium	103-2	1415603	1402564	1414777	1410981	0.52	cps
Scandium	45-1	3319190	3385117	3336417	3346908	1.02	cps
Scandium	45-2	26969	26001	25614	26195	2.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	104	30	-4	44	127.05	cps
Silicon	28-1	386746	382581	387532	385620	0.69	cps
Silver	109-1	208	208	183	200	7.22	cps
Silver	107-1	250	183	192	208	17.43	cps
Sodium	23-2	1266478	1268445	1254626	1263183	0.59	cps
Strontium	86-1	27796	28464	28890	28383	1.94	cps
Strontium	88-1	242012	241484	242649	242049	0.24	cps
Sulfur	34-1	374703	382978	383466	380382	1.29	cps
Terbium	159-1	7586337	7632845	7600558	7606580	0.31	cps
Terbium	159-2	1512758	1486789	1505006	1501518	0.89	cps
Thallium	203-1	583	617	575	592	3.73	cps
Thallium	205-1	1542	1233	1317	1364	11.70	cps
Tin	118-1	2992	2909	3092	2998	3.06	cps
Titanium	47-1	317	417	433	389	16.23	cps
Uranium	238-1	1950	1667	1500	1706	13.34	cps
Vanadium	51-2	90	50	70	70	28.57	cps
Yttrium	89-1	5955269	6028675	5908456	5964133	1.02	cps
Yttrium	89-2	192107	188740	190401	190416	0.88	cps
Zinc	66-2	187	223	233	214	11.46	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	J5026-03	Instrumnet Name :	P8
Client Sample ID :	1732	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:14:19	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1308	1208	1233	1250	4.16	cps
Zirconium	91-1	275	317	175	256	28.49	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:24:42	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	382787	380616	382942	382115	0.34	cps
Antimony	121-1	5179923	5166898	5228636	5191819	0.63	cps
Arsenic	75-2	56600	56048	56831	56493	0.71	cps
Barium	135-1	5583376	5536194	5533899	5551156	0.50	cps
Barium	137-1	9519555	9511842	9497649	9509682	0.12	cps
Beryllium	9-1	728982	725633	722493	725703	0.45	cps
Bismuth	209-1	4693222	4710015	4663770	4689002	0.50	cps
Bismuth	209-2	1119201	1132499	1142131	1131277	1.02	cps
Boron	10-1	82981	86519	87206	85569	2.65	cps
Boron	11-1	402287	416725	416307	411773	2.00	cps
Cadmium	111-1	1125347	1130198	1124289	1126611	0.28	cps
Cadmium	106-1	117230	119408	118106	118248	0.93	cps
Cadmium	108-1	81394	81436	80795	81208	0.44	cps
Calcium	43-1	5513786	5494465	5509154	5505802	0.18	cps
Calcium	44-1	89829015	89853933	89454719	89712555	0.25	cps
Chromium	52-2	457500	456438	461513	458484	0.58	cps
Cobalt	59-2	944385	940959	944420	943254	0.21	cps
Copper	63-2	1598591	1596968	1602849	1599469	0.19	cps
Dysprosium	156-1	92	133	125	117	18.90	cps
Dysprosium	156-2	20	13	17	17	20.01	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	117	75	100	97	21.57	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	7107364	7137163	7100890	7115139	0.27	cps
Holmium	165-2	1468356	1495352	1489489	1484399	0.96	cps
Indium	115-1	5360456	5330228	5309891	5333525	0.48	cps
Indium	115-2	229577	232192	233212	231660	0.81	cps
Iron	56-2	75910746	75714227	76479343	76034772	0.52	cps
Iron	57-2	1954889	1962162	1939820	1952290	0.58	cps
Krypton	83-1	380	387	473	413	12.60	cps
Lead	206-1	3549553	3479859	3525286	3518233	1.01	cps
Lead	207-1	3225099	3201046	3227231	3217792	0.45	cps
Lead	208-1	14387976	14295468	14360079	14347841	0.33	cps
Lithium	6-1	1053155	1045881	1056837	1051958	0.53	cps
Magnesium	24-2	7845846	7814599	7852541	7837662	0.26	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:24:42	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267558	268270	269833	268554	0.43	cps
Molybdenum	94-1	8858767	8859142	8820203	8846037	0.25	cps
Molybdenum	95-1	10854604	10827061	10835653	10839106	0.13	cps
Molybdenum	96-1	12242178	12251985	12095698	12196621	0.72	cps
Molybdenum	97-1	6881113	6935469	6861670	6892751	0.55	cps
Molybdenum	98-1	17420965	17462906	17372111	17418660	0.26	cps
Neodymium	150-1	240	233	247	240	2.78	cps
Neodymium	150-2	10	20	0	10	100.00	cps
Nickel	60-2	278562	277402	281850	279271	0.83	cps
Phosphorus	31-2	4684	4984	5026	4898	3.81	cps
Potassium	39-2	2185636	2164930	2201957	2184174	0.85	cps
Rhodium	103-1	4939539	4927032	4858442	4908338	0.89	cps
Rhodium	103-2	1256703	1274345	1277919	1269656	0.89	cps
Scandium	45-1	3213737	3170367	3112074	3165392	1.61	cps
Scandium	45-2	23977	24268	24418	24221	0.92	cps
Selenium	77-2	397	390	410	399	2.55	cps
Selenium	78-2	1498	1411	1435	1448	3.10	cps
Selenium	82-1	68515	69242	68667	68808	0.56	cps
Silicon	28-1	2480250	2484699	2482068	2482339	0.09	cps
Silver	109-1	5176044	5204100	5213456	5197867	0.37	cps
Silver	107-1	5399885	5358837	5420392	5393038	0.58	cps
Sodium	23-2	17308280	17324143	17346985	17326469	0.11	cps
Strontium	86-1	1355298	1357405	1353006	1355237	0.16	cps
Strontium	88-1	11945958	11926813	11931786	11934853	0.08	cps
Sulfur	34-1	668032	668061	663715	666603	0.38	cps
Terbium	159-1	7352414	7354664	7321623	7342901	0.25	cps
Terbium	159-2	1419924	1439653	1447709	1435762	1.00	cps
Thallium	203-1	4373874	4353795	4426113	4384594	0.85	cps
Thallium	205-1	10394360	10330637	10382466	10369154	0.33	cps
Tin	118-1	3584676	3579467	3606006	3590050	0.39	cps
Titanium	47-1	2804695	2788125	2766581	2786467	0.69	cps
Uranium	238-1	14575647	14606927	14557347	14579974	0.17	cps
Vanadium	51-2	330883	328526	333303	330904	0.72	cps
Yttrium	89-1	5801002	5762498	5696192	5753231	0.92	cps
Yttrium	89-2	177247	179084	179924	178752	0.77	cps
Zinc	66-2	158763	156262	160745	158590	1.42	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV79	Instrumnet Name :	P8
Client Sample ID :	CCV79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:24:42	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7306304	7400359	7331244	7345969	0.66	cps
Zirconium	91-1	1676275	1671350	1652414	1666680	0.76	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : CCB79 Instrumnet Name : P8
 Client Sample ID : CCB79 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 17:35:28 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	30	30	27	21.64	cps
Antimony	121-1	2025	1934	2200	2053	6.60	cps
Arsenic	75-2	2	9	4	5	78.12	cps
Barium	135-1	50	67	17	44	57.28	cps
Barium	137-1	100	58	67	75	29.40	cps
Beryllium	9-1	278	278	217	257	13.71	cps
Bismuth	209-1	4987543	4833377	5026131	4949017	2.06	cps
Bismuth	209-2	1258089	1237201	1246990	1247427	0.84	cps
Boron	10-1	1750	1942	1659	1784	8.11	cps
Boron	11-1	9679	8695	8828	9067	5.89	cps
Cadmium	111-1	806	790	881	826	5.89	cps
Cadmium	106-1	1167	1108	1225	1167	5.00	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	400	433	475	436	8.62	cps
Calcium	44-1	12965	12773	12323	12687	2.60	cps
Chromium	52-2	410	370	407	396	5.61	cps
Cobalt	59-2	40	63	50	51	22.90	cps
Copper	63-2	287	293	283	288	1.77	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	0	7	20	9	114.55	cps
Gadolinium	160-1	17	8	92	39	118.02	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	7165737	6915088	7246450	7109091	2.43	cps
Holmium	165-2	1523662	1518048	1526922	1522878	0.29	cps
Indium	115-1	5694741	5558213	5737679	5663544	1.65	cps
Indium	115-2	253902	252795	254291	253663	0.31	cps
Iron	56-2	1595	1450	1478	1508	5.08	cps
Iron	57-2	50	67	33	50	33.34	cps
Krypton	83-1	410	480	413	434	9.09	cps
Lead	206-1	556	511	522	530	4.37	cps
Lead	207-1	583	528	461	524	11.68	cps
Lead	208-1	2233	2289	2106	2209	4.26	cps
Lithium	6-1	1124335	1095225	1124512	1114691	1.51	cps
Magnesium	24-2	317	442	283	347	24.04	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:35:28	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	33	30	37	24.06	cps
Molybdenum	94-1	867	833	825	842	2.62	cps
Molybdenum	95-1	658	617	583	619	6.07	cps
Molybdenum	96-1	592	583	867	681	23.69	cps
Molybdenum	97-1	383	367	400	383	4.35	cps
Molybdenum	98-1	1008	850	1192	1017	16.82	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	240	190	203	211	12.27	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2567	2925	3050	2848	8.81	cps
Rhodium	103-1	5411436	5211952	5512257	5378548	2.84	cps
Rhodium	103-2	1417544	1406499	1415657	1413233	0.42	cps
Scandium	45-1	3234677	3145200	3318275	3232717	2.68	cps
Scandium	45-2	25730	25507	25296	25511	0.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	2	-64	0	-20	-184.24	cps
Silicon	28-1	210741	209628	207235	209201	0.86	cps
Silver	109-1	150	142	158	150	5.55	cps
Silver	107-1	200	158	58	139	52.42	cps
Sodium	23-2	8361	9012	9128	8834	4.68	cps
Strontium	86-1	667	800	767	745	9.32	cps
Strontium	88-1	1067	958	1083	1036	6.55	cps
Sulfur	34-1	353496	352689	355215	353800	0.36	cps
Terbium	159-1	7425978	7135491	7575032	7378834	3.03	cps
Terbium	159-2	1487745	1478430	1486768	1484314	0.34	cps
Thallium	203-1	492	600	550	547	9.91	cps
Thallium	205-1	1559	1550	1325	1478	8.96	cps
Tin	118-1	2817	3092	3301	3070	7.90	cps
Titanium	47-1	67	75	92	78	16.37	cps
Uranium	238-1	58	83	25	56	52.68	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Yttrium	89-1	5903950	5692813	5983814	5860193	2.57	cps
Yttrium	89-2	188167	187862	187771	187934	0.11	cps
Zinc	66-2	140	87	150	126	27.12	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB79	Instrumnet Name :	P8
Client Sample ID :	CCB79	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:35:28	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1317	1108	1275	1233	8.94	cps
Zirconium	91-1	275	292	308	292	5.71	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:38:53	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73506	73614	73036	73386	0.42	cps
Antimony	121-1	5399102	5428861	5384061	5404008	0.42	cps
Arsenic	75-2	59068	58979	58339	58795	0.68	cps
Barium	135-1	5760936	5727443	5765892	5751423	0.36	cps
Barium	137-1	9753730	9760767	9876660	9797052	0.70	cps
Beryllium	9-1	747186	743779	742320	744428	0.34	cps
Bismuth	209-1	5035396	5055242	5080819	5057153	0.45	cps
Bismuth	209-2	1229521	1215402	1134247	1193057	4.31	cps
Boron	10-1	82227	84172	84917	83772	1.66	cps
Boron	11-1	399081	408571	417893	408515	2.30	cps
Cadmium	111-1	1193062	1184182	1193508	1190251	0.44	cps
Cadmium	106-1	125682	125867	125420	125656	0.18	cps
Cadmium	108-1	85947	86945	85679	86190	0.77	cps
Calcium	43-1	1167928	1177718	1178970	1174872	0.51	cps
Calcium	44-1	18877208	18939449	18978451	18931703	0.27	cps
Chromium	52-2	455961	456204	455827	455997	0.04	cps
Cobalt	59-2	982853	975931	984706	981164	0.47	cps
Copper	63-2	1716452	1711332	1721200	1716328	0.29	cps
Dysprosium	156-1	108	58	100	89	30.13	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	3	17	17	12	63.01	cps
Gadolinium	160-1	17	50	75	47	61.97	cps
Gadolinium	160-2	13	23	7	14	58.06	cps
Holmium	165-1	7339568	7476095	7343797	7386487	1.05	cps
Holmium	165-2	1546039	1530360	1438620	1505006	3.86	cps
Indium	115-1	5623183	5635468	5678580	5645744	0.52	cps
Indium	115-2	243761	243009	226341	237704	4.14	cps
Iron	56-2	15942192	15995884	16009874	15982650	0.22	cps
Iron	57-2	401819	398864	400909	400531	0.38	cps
Krypton	83-1	430	470	440	447	4.66	cps
Lead	206-1	3697482	3661070	3701028	3686527	0.60	cps
Lead	207-1	3364091	3349898	3367196	3360395	0.27	cps
Lead	208-1	14988557	14970680	15012589	14990609	0.14	cps
Lithium	6-1	1106780	1132379	1114541	1117900	1.17	cps
Magnesium	24-2	1715156	1712802	1722170	1716709	0.28	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:38:53	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	275542	275608	278120	276423	0.53	cps
Molybdenum	94-1	9025843	9053125	9029772	9036247	0.16	cps
Molybdenum	95-1	11075732	11195885	11157795	11143137	0.55	cps
Molybdenum	96-1	12555810	12520612	12592335	12556253	0.29	cps
Molybdenum	97-1	7043089	6992954	6992874	7009639	0.41	cps
Molybdenum	98-1	17789154	17830596	17830845	17816865	0.13	cps
Neodymium	150-1	260	313	207	260	20.51	cps
Neodymium	150-2	13	0	7	7	99.98	cps
Nickel	60-2	286292	288152	288422	287622	0.40	cps
Phosphorus	31-2	4943	4626	4884	4818	3.50	cps
Potassium	39-2	444030	444639	445001	444557	0.11	cps
Rhodium	103-1	5243697	5304181	5232099	5259992	0.74	cps
Rhodium	103-2	1371295	1361080	1271534	1334637	4.11	cps
Scandium	45-1	3276762	3348149	3288606	3304506	1.16	cps
Scandium	45-2	25520	25687	23440	24882	5.03	cps
Selenium	77-2	427	427	403	419	3.22	cps
Selenium	78-2	1522	1478	1439	1480	2.82	cps
Selenium	82-1	71709	71165	72507	71794	0.94	cps
Silicon	28-1	2490077	2506887	2493439	2496801	0.36	cps
Silver	109-1	5560914	5520105	5476478	5519166	0.77	cps
Silver	107-1	5764877	5773719	5729233	5755943	0.41	cps
Sodium	23-2	3692997	3691437	3716321	3700252	0.38	cps
Strontium	86-1	1388765	1381826	1389860	1386817	0.31	cps
Strontium	88-1	12061566	12177739	12085158	12108154	0.51	cps
Sulfur	34-1	679167	673686	668424	673759	0.80	cps
Terbium	159-1	7614339	7710177	7614048	7646188	0.72	cps
Terbium	159-2	1507109	1490107	1398962	1465393	3.97	cps
Thallium	203-1	4533085	4551039	4541131	4541752	0.20	cps
Thallium	205-1	10841677	10720358	10768862	10776966	0.57	cps
Tin	118-1	3718972	3686095	3716347	3707138	0.49	cps
Titanium	47-1	2866554	2881784	2869626	2872655	0.28	cps
Uranium	238-1	14856323	14744521	14821201	14807348	0.39	cps
Vanadium	51-2	339557	336963	340716	339079	0.57	cps
Yttrium	89-1	5993420	6060269	6051066	6034918	0.60	cps
Yttrium	89-2	185440	184446	172137	180674	4.10	cps
Zinc	66-2	166616	166001	165827	166148	0.25	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	PB113257BS	Instrumnet Name :	P8
Client Sample ID :	PB113257BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 17:38:53	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7536304	7534836	7548070	7539736	0.10	cps
Zirconium	91-1	1716411	1715952	1719655	1717339	0.12	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 18:04:44	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393853	394563	396587	395001	0.36	cps
Antimony	121-1	5187729	5147458	5170726	5168637	0.39	cps
Arsenic	75-2	57331	57558	58581	57823	1.15	cps
Barium	135-1	5542717	5582700	5498035	5541151	0.76	cps
Barium	137-1	9497928	9464528	9500113	9487523	0.21	cps
Beryllium	9-1	736076	730918	740387	735794	0.64	cps
Bismuth	209-1	4793028	4781777	4499975	4691593	3.54	cps
Bismuth	209-2	1142116	1154857	1150365	1149113	0.56	cps
Boron	10-1	87969	88053	91324	89116	2.15	cps
Boron	11-1	422671	428257	438056	429661	1.81	cps
Cadmium	111-1	1114495	1118902	1126548	1119982	0.54	cps
Cadmium	106-1	117972	117450	119164	118196	0.74	cps
Cadmium	108-1	78707	80820	81071	80199	1.62	cps
Calcium	43-1	5580939	5590058	5597319	5589439	0.15	cps
Calcium	44-1	90460837	90654452	91686400	90933896	0.72	cps
Chromium	52-2	474491	480356	473845	476231	0.75	cps
Cobalt	59-2	1031193	1026863	1028322	1028792	0.21	cps
Copper	63-2	1734514	1694477	1713759	1714250	1.17	cps
Dysprosium	156-1	50	92	117	86	39.11	cps
Dysprosium	156-2	7	0	37	14	135.21	cps
Erbium	164-1	33	58	58	50	28.88	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	75	117	100	97	21.57	cps
Gadolinium	160-2	17	20	20	19	10.18	cps
Holmium	165-1	7316687	7335837	6941472	7197999	3.09	cps
Holmium	165-2	1513940	1522550	1506564	1514351	0.53	cps
Indium	115-1	5582277	5571735	5291487	5481833	3.01	cps
Indium	115-2	240043	242491	238470	240335	0.84	cps
Iron	56-2	78278882	78126155	78132080	78179039	0.11	cps
Iron	57-2	2030205	1998738	2024499	2017814	0.83	cps
Krypton	83-1	433	453	433	440	2.62	cps
Lead	206-1	3488724	3417545	3468428	3458232	1.06	cps
Lead	207-1	3129928	3131387	3106639	3122651	0.44	cps
Lead	208-1	14036175	13973528	14018212	14009305	0.23	cps
Lithium	6-1	1090820	1115469	1073893	1093394	1.91	cps
Magnesium	24-2	8180810	8103578	8158244	8147544	0.49	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 18:04:44	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	279273	277478	277053	277935	0.42	cps
Molybdenum	94-1	8805556	8868529	8844129	8839404	0.36	cps
Molybdenum	95-1	10910662	10893091	10824620	10876124	0.42	cps
Molybdenum	96-1	12127614	12124721	12182566	12144967	0.27	cps
Molybdenum	97-1	6840453	6842408	6892985	6858616	0.43	cps
Molybdenum	98-1	17372230	17339468	17295691	17335796	0.22	cps
Neodymium	150-1	293	307	213	271	18.62	cps
Neodymium	150-2	13	10	23	16	44.60	cps
Nickel	60-2	305221	306579	304282	305361	0.38	cps
Phosphorus	31-2	5151	5226	5326	5235	1.68	cps
Potassium	39-2	2271403	2303850	2292737	2289330	0.72	cps
Rhodium	103-1	5167001	5101819	4851723	5040181	3.30	cps
Rhodium	103-2	1312617	1317537	1298393	1309516	0.76	cps
Scandium	45-1	3402634	3378939	3191213	3324262	3.48	cps
Scandium	45-2	25684	26705	26428	26273	2.01	cps
Selenium	77-2	347	427	450	408	13.29	cps
Selenium	78-2	1382	1519	1428	1443	4.83	cps
Selenium	82-1	69306	69326	69568	69400	0.21	cps
Silicon	28-1	2524921	2526823	2530512	2527418	0.11	cps
Silver	109-1	5124932	5192327	5104783	5140681	0.89	cps
Silver	107-1	5378520	5366152	5395612	5380095	0.27	cps
Sodium	23-2	18051786	18073280	18137201	18087422	0.25	cps
Strontium	86-1	1351387	1341049	1359670	1350702	0.69	cps
Strontium	88-1	11785854	11795831	11851548	11811078	0.30	cps
Sulfur	34-1	677654	679289	683339	680094	0.43	cps
Terbium	159-1	7592742	7625514	7254950	7491069	2.74	cps
Terbium	159-2	1465164	1476874	1451223	1464420	0.88	cps
Thallium	203-1	4207295	4297682	4254638	4253205	1.06	cps
Thallium	205-1	10166882	10128934	10190425	10162081	0.31	cps
Tin	118-1	3531470	3566360	3608933	3568921	1.09	cps
Titanium	47-1	2838585	2846614	2842911	2842703	0.14	cps
Uranium	238-1	14048435	14027702	14148901	14075012	0.46	cps
Vanadium	51-2	341824	342354	345352	343177	0.55	cps
Yttrium	89-1	5996146	6028937	5763393	5929492	2.44	cps
Yttrium	89-2	185794	186051	186377	186074	0.16	cps
Zinc	66-2	168961	168434	169379	168925	0.28	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCV80	Instrumnet Name :	P8
Client Sample ID :	CCV80	Dilution Factor :	1
Date & Time Acquired ::	2018-10-04 18:04:44	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7373337	7400009	7440216	7404521	0.45	cps
Zirconium	91-1	1675861	1655793	1691703	1674452	1.07	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	38	35	29	42.29	cps
Antimony	121-1	3317	3376	3576	3423	3.96	cps
Arsenic	75-2	9	9	4	7	43.34	cps
Barium	135-1	50	42	50	47	10.18	cps
Barium	137-1	92	142	183	139	33.04	cps
Beryllium	9-1	389	400	344	378	7.78	cps
Bismuth	209-1	5017617	5153111	5015386	5062038	1.56	cps
Bismuth	209-2	1257426	1264851	1250778	1257685	0.56	cps
Boron	10-1	2000	2109	2075	2061	2.69	cps
Boron	11-1	10413	9270	9604	9762	6.02	cps
Cadmium	111-1	904	864	1025	931	9.01	cps
Cadmium	106-1	1258	1217	1442	1306	9.17	cps
Cadmium	108-1	8	13	25	15	56.79	cps
Calcium	43-1	408	558	467	478	15.83	cps
Calcium	44-1	13982	13324	14500	13935	4.23	cps
Chromium	52-2	453	433	410	432	5.02	cps
Cobalt	59-2	90	63	67	73	19.81	cps
Copper	63-2	247	310	310	289	12.66	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	13	0	0	4	173.21	cps
Holmium	165-1	7309356	7269678	7270176	7283070	0.31	cps
Holmium	165-2	1557866	1543683	1545113	1548888	0.50	cps
Indium	115-1	5774582	5820139	5771220	5788647	0.47	cps
Indium	115-2	258622	258745	257963	258443	0.16	cps
Iron	56-2	2356	2061	2056	2158	7.96	cps
Iron	57-2	61	61	56	59	5.41	cps
Krypton	83-1	403	373	483	420	13.54	cps
Lead	206-1	822	872	828	841	3.26	cps
Lead	207-1	822	806	750	793	4.77	cps
Lead	208-1	3489	3400	3384	3424	1.66	cps
Lithium	6-1	1151833	1147703	1141937	1147158	0.43	cps
Magnesium	24-2	525	367	500	464	18.35	cps

LB Number : LB98425 Operator : Jaswal
 Lab Sample ID : CCB80 Instrumnet Name : P8
 Client Sample ID : CCB80 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-04 18:14:54 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	30	40	30	33.33	cps
Molybdenum	94-1	1225	975	1058	1086	11.72	cps
Molybdenum	95-1	858	908	942	903	4.65	cps
Molybdenum	96-1	1308	1175	1333	1272	6.69	cps
Molybdenum	97-1	633	575	567	592	6.14	cps
Molybdenum	98-1	1575	1458	1350	1461	7.70	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	277	327	290	298	8.70	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3392	3809	3209	3470	8.86	cps
Rhodium	103-1	5503612	5575504	5440260	5506459	1.23	cps
Rhodium	103-2	1429849	1442789	1428702	1433780	0.55	cps
Scandium	45-1	3382593	3381061	3379170	3380941	0.05	cps
Scandium	45-2	26415	27123	26308	26615	1.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-10	35	-65	-13	-385.62	cps
Silicon	28-1	212595	214855	212153	213201	0.68	cps
Silver	109-1	208	192	183	194	6.55	cps
Silver	107-1	258	400	183	281	39.22	cps
Sodium	23-2	9829	9729	10438	9998	3.84	cps
Strontium	86-1	700	675	858	744	13.36	cps
Strontium	88-1	1108	1100	1058	1089	2.46	cps
Sulfur	34-1	354420	353062	358827	355436	0.85	cps
Terbium	159-1	7632447	7613208	7563932	7603196	0.46	cps
Terbium	159-2	1507711	1499995	1487022	1498243	0.70	cps
Thallium	203-1	1000	1192	1025	1072	9.72	cps
Thallium	205-1	2667	2600	2509	2592	3.07	cps
Tin	118-1	3025	3359	3084	3156	5.64	cps
Titanium	47-1	108	175	108	131	29.48	cps
Uranium	238-1	117	125	108	117	7.14	cps
Vanadium	51-2	10	0	17	9	94.38	cps
Yttrium	89-1	6136683	6022731	6050703	6070039	0.98	cps
Yttrium	89-2	193063	190024	192313	191800	0.83	cps
Zinc	66-2	80	127	167	124	34.86	cps

LB Number :	LB98425	Operator :	Jaswal
Lab Sample ID :	CCB80	Instrumnet Name :	P8
Client Sample ID :	CCB80	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1667	1458	1342	1489	11.06	cps
Zirconium	91-1	283	342	275	300	12.11	cps