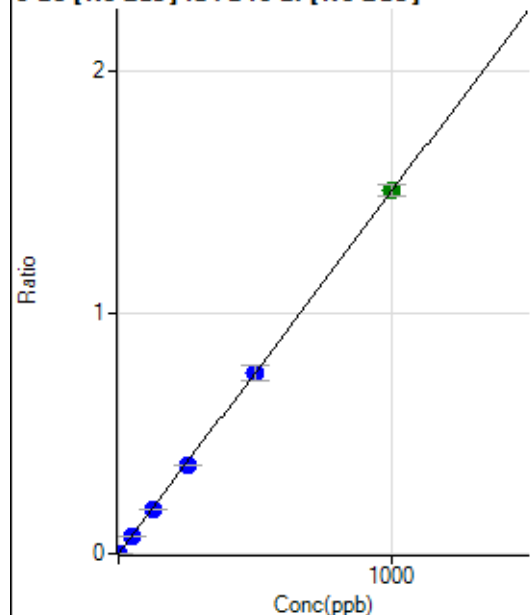


Batch Folder: D:\P8020119 MS.b\
Analysis File: P8020119 MS.batch.bin
DA Date-Time: 2019-02-04 12:44:39
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-02-01 14:50:46
2			
3	005CALS.d	S02	2019-02-01 14:58:10
4	006CALS.d	S03	2019-02-01 15:02:02
5	007CALS.d	S04	2019-02-01 15:05:52
6	008CALS.d	S05	2019-02-01 15:09:35
7	009CALS.d	S06	2019-02-01 15:13:12
8	012CALS.d	S07	2019-02-01 15:24:12
9	013CALS.d	S08	2019-02-01 15:27:34

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	20.1
2	☐	0.100					
3	☐	1.000	0.955	1582.33	0.0015	P	0.6
4	☐	50.000	49.290	80539.41	0.0741	P	1.1
5	☐	125.000	120.914	202048.81	0.1818	P	1.8
6	☐	250.000	243.318	399391.83	0.3657	P	0.8
7	☐	500.000	501.039	790349.27	0.7531	P	8.6
8	☐	1000.000	1001.697	1638056.14	1.5056	A	3.3
9	☐			258.90	0.0002	P	13.9

$$y = 0.0015 * x + 4.5207E-005$$

$$R = 1.0000$$

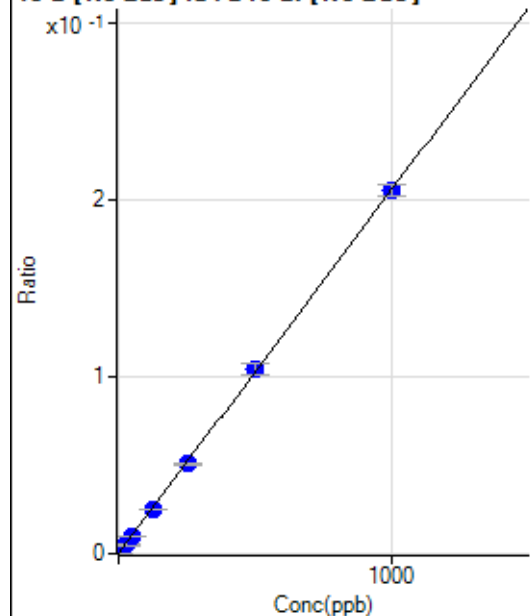
$$DL = 0.01812$$

$$BEC = 0.03008$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0002	P	23.3
2	☐	2.500					
3	☐	25.000	23.364	5306.79	0.0050	P	6.6
4	☐	50.000	47.928	10887.97	0.0100	P	2.3
5	☐	125.000	121.131	27880.69	0.0251	P	2.7
6	☐	250.000	246.271	55511.27	0.0508	P	1.3
7	☐	500.000	508.333	110062.15	0.1048	P	6.4
8	☐	1000.000	997.394	223454.62	0.2054	P	3.3
9	☐			3428.33	0.0032	P	5.7

$$y = 2.0576E-004 * x + 1.5939E-004$$

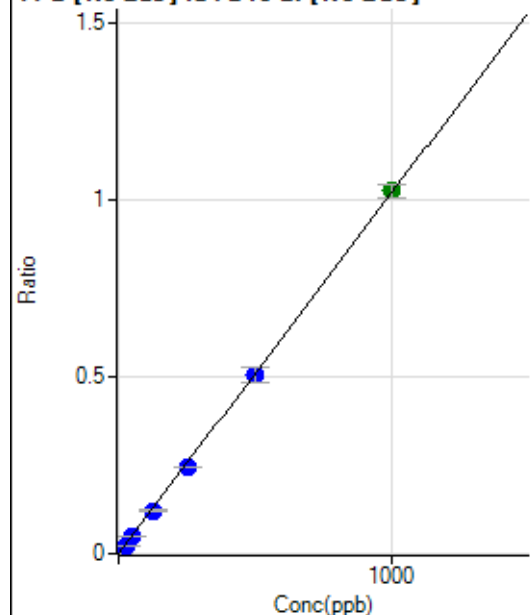
$$R = 0.9999$$

$$DL = 0.5407$$

$$BEC = 0.7747$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	875.06	0.0008	P	10.7
2	☐	2.500					
3	☐	25.000	22.785	25687.59	0.0240	P	2.7
4	☐	50.000	47.210	53163.30	0.0489	P	1.5
5	☐	125.000	118.281	134904.34	0.1214	P	2.2
6	☐	250.000	240.653	268741.90	0.2461	P	0.5
7	☐	500.000	495.558	531215.71	0.5059	P	7.7
8	☐	1000.000	1005.592	1116018.29	1.0258	A	3.4
9	☐			16529.57	0.0154	P	6.1

$$y = 0.0010 * x + 8.0939E-004$$

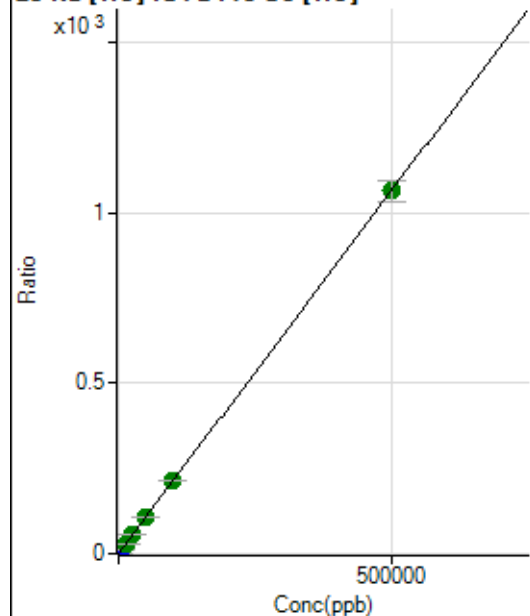
$$R = 0.9999$$

$$DL = 0.2561$$

$$BEC = 0.7941$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20348.71	0.2846	P	1.3
2	☐	50.000					
3	☐	500.000	488.643	94944.18	1.3263	P	1.5
4	☐	5000.000	5223.783	809671.67	11.4209	P	1.7
5	☐	12500.000	12874.613	1984909.12	27.7312	A	0.9
6	☐	25000.000	25866.014	3874596.79	55.4267	A	1.0
7	☐	50000.000	50755.453	7631509.98	108.4869	A	1.5
8	☐	100000.00	100620.98	15701325.00	214.7920	A	0.9
9	☐	500000.00	499745.36	79378524.00	1,065.659	A	5.6

$$y = 0.0021 * x + 0.2846$$

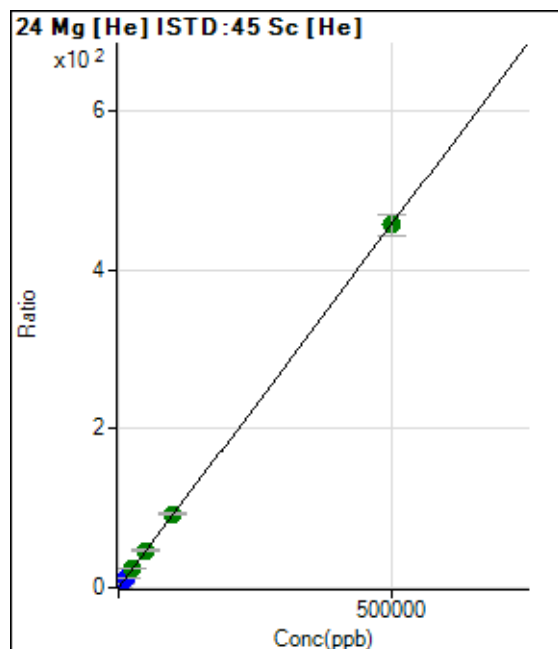
$$R = 1.0000$$

$$DL = 5.125$$

$$BEC = 133.5$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.03	0.0059	P	6.7
2	☐	50.000					
3	☐	500.000	492.449	32685.85	0.4565	P	2.9
4	☐	5000.000	5270.412	342292.96	4.8283	P	1.8
5	☐	12500.000	12817.479	839833.94	11.7337	P	1.6
6	☐	25000.000	26442.259	1691728.47	24.2001	A	1.0
7	☐	50000.000	51564.845	3319177.96	47.1868	A	1.9
8	☐	100000.00	101877.20	6814629.49	93.2217	A	0.7
9	☐	500000.00	499385.32	34035869.86	456.9343	A	5.6

$$y = 9.1498\text{E-}004 * x + 0.0059$$

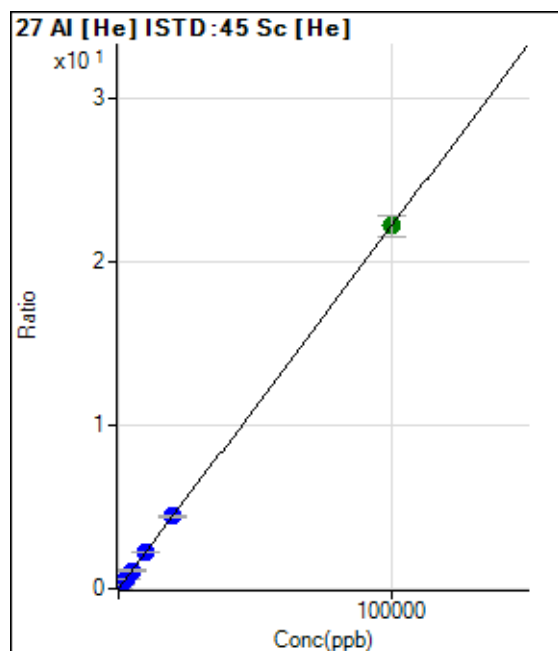
$$R = 1.0000$$

$$DL = 1.297$$

$$BEC = 6.497$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.85	0.0009	P	8.3
2	☐	2.000					
3	☐	20.000	17.171	333.43	0.0047	P	3.6
4	☐	1000.000	1012.020	15963.89	0.2252	P	2.3
5	☐	2500.000	2437.920	38740.65	0.5413	P	1.6
6	☐	5000.000	5015.624	77781.53	1.1127	P	0.8
7	☐	10000.000	9896.286	154373.17	2.1946	P	1.6
8	☐	20000.000	19947.603	323302.17	4.4226	P	0.9
9	☐	100000.00	100021.50	1651373.63	22.1726	A	5.9

$$y = 2.2167\text{E-}004 * x + 8.5101\text{E-}004$$

$$R = 1.0000$$

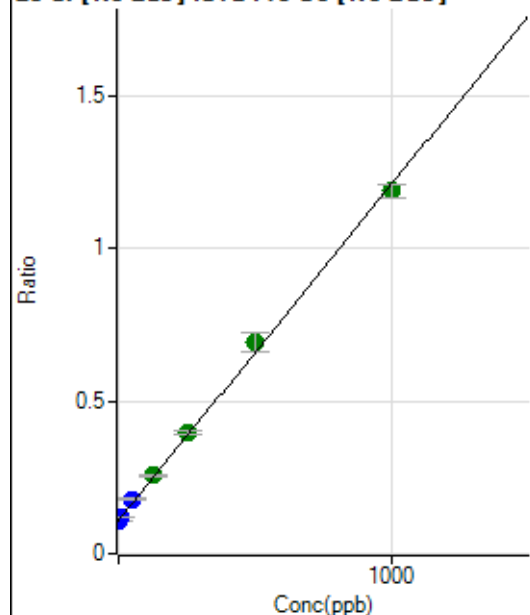
$$DL = 0.9515$$

$$BEC = 3.839$$

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	441925.13	0.1091	P	0.7
2	☐	1.000					
3	☐	10.000	8.854	492194.69	0.1188	P	0.2
4	☐	50.000	63.388	738841.32	0.1789	P	1.2
5	☐	125.000	132.966	1065053.56	0.2556	A	2.5
6	☐	250.000	261.502	1639601.53	0.3972	A	2.0
7	☐	500.000	530.374	2744184.07	0.6935	A	9.0
8	☐	1000.000	980.284	4956543.56	1.1893	A	3.5
9	☐			692997.97	0.1725	P	1.3

$$y = 0.0011 * x + 0.1091$$

$$R = 0.9992$$

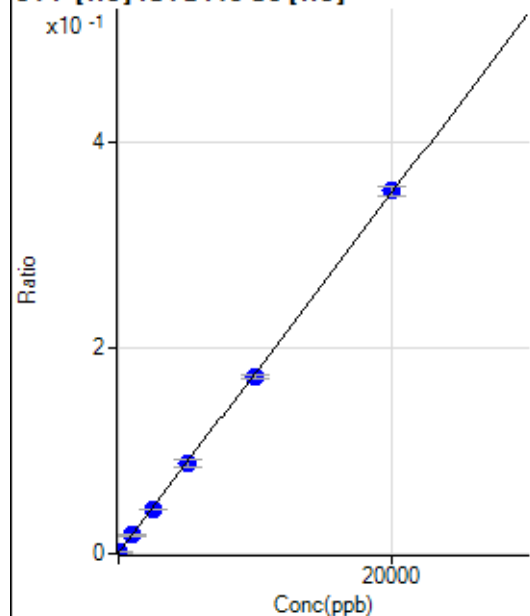
$$DL = 2.134$$

$$BEC = 98.98$$

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	-32.210	22.22	0.0003	P	86.6
2	☐	0.000					
3	☐	0.000	32.210	102.78	0.0014	P	25.8
4	☐	1000.000	978.980	1272.34	0.0179	P	2.7
5	☐	2500.000	2395.473	3053.26	0.0427	P	1.6
6	☐	5000.000	4967.210	6118.30	0.0875	P	6.9
7	☐	10000.000	9781.475	12061.13	0.1715	P	2.6
8	☐	20000.000	20131.577	25732.76	0.3520	P	2.3
9	☐			41.67	0.0006	P	21.5

$$y = 1.7442E-005 * x + 8.7337E-004$$

$$R = 0.9999$$

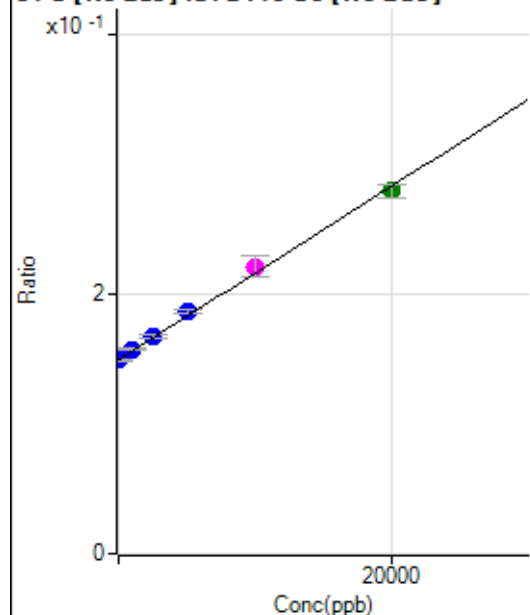
$$DL = 55.1$$

$$BEC = 50.07$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	26.754	606605.65	0.1497	P	1.0
2	☐	0.000					
3	☐	0.000	-26.754	618640.79	0.1494	P	1.1
4	☐	1000.000	1195.967	650586.61	0.1575	P	0.9
5	☐	2500.000	2683.628	698106.86	0.1675	P	1.7
6	☐	5000.000	5544.900	770577.38	0.1867	P	1.4
7	☐	10000.000	10770.265	878534.24	0.2217	M	7.3
8	☐	20000.000	19445.891	1166093.60	0.2798	A	3.5
9	☐			568065.21	0.1414	P	0.4

$$y = 6.6989\text{E-}006 * x + 0.1495$$

$$R = 0.9984$$

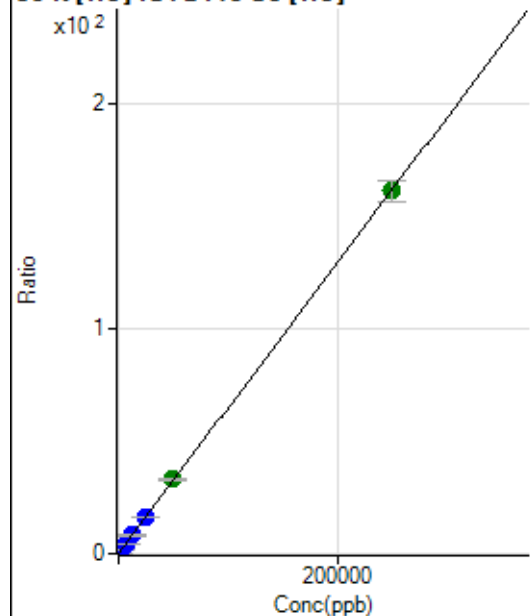
$$DL = 700.5$$

$$BEC = 2.232\text{E}+04$$

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	7966.43	0.1114	P	1.5
2	☐	50.000					
3	☐	500.000	469.511	29660.05	0.4143	P	2.6
4	☐	2500.000	2498.195	122167.81	1.7232	P	1.2
5	☐	6250.000	6142.781	291639.40	4.0745	P	0.8
6	☐	12500.000	12443.182	568982.35	8.1393	P	0.5
7	☐	25000.000	24698.985	1128737.14	16.0463	P	1.8
8	☐	50000.000	50944.309	2410674.23	32.9788	A	1.4
9	☐	250000.00	249846.84	12013181.35	161.3034	A	5.9

$$y = 6.4516\text{E-}004 * x + 0.1114$$

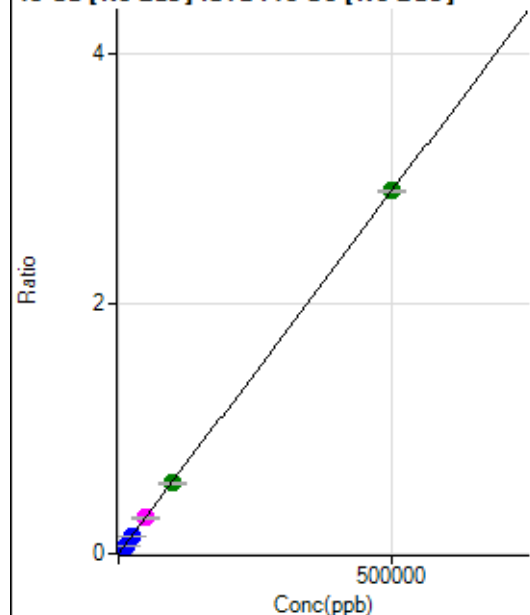
$$R = 1.0000$$

$$DL = 7.563$$

$$BEC = 172.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	867.82	0.0002	P	3.4
2	☐	50.000					
3	☐	500.000	444.224	11559.37	0.0028	P	0.7
4	☐	5000.000	4720.928	113955.02	0.0276	P	0.7
5	☐	12500.000	11743.366	284721.45	0.0683	P	2.2
6	☐	25000.000	23663.504	567434.42	0.1375	P	0.7
7	☐	50000.000	49533.557	1138126.28	0.2875	M	8.5
8	☐	100000.00	97585.904	2359872.81	0.5662	A	3.1
9	☐	500000.00	500618.05	11665956.08	2.9037	A	0.4

$$y = 5.7998\text{E-}006 * x + 2.1420\text{E-}004$$

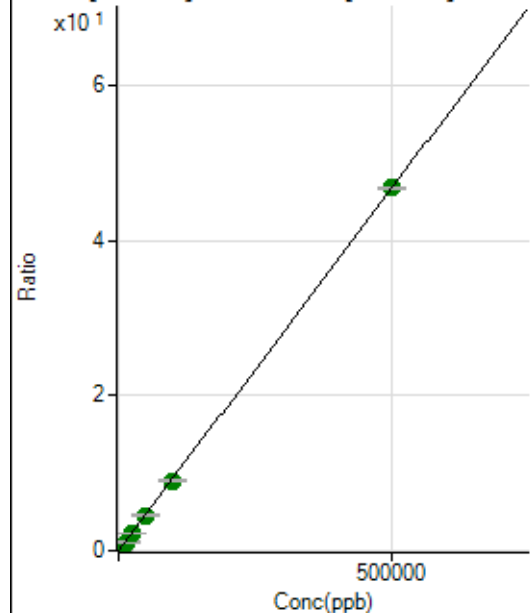
$$R = 1.0000$$

$$DL = 3.724$$

$$BEC = 36.93$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	39135.81	0.0097	P	2.0
2	☐	50.000					
3	☐	500.000	437.560	209162.85	0.0505	P	0.3
4	☐	5000.000	4809.827	1893615.95	0.4585	A	0.7
5	☐	12500.000	11838.803	4644782.67	1.1145	A	2.0
6	☐	25000.000	23537.714	9108341.67	2.2064	A	0.4
7	☐	50000.000	48996.933	18137431.12	4.5824	A	8.7
8	☐	100000.00	96547.930	37601168.88	9.0202	A	2.2
9	☐	500000.00	500882.32	187845801.6	46.7556	A	0.8

$$y = 9.3327\text{E-}005 * x + 0.0097$$

$$R = 1.0000$$

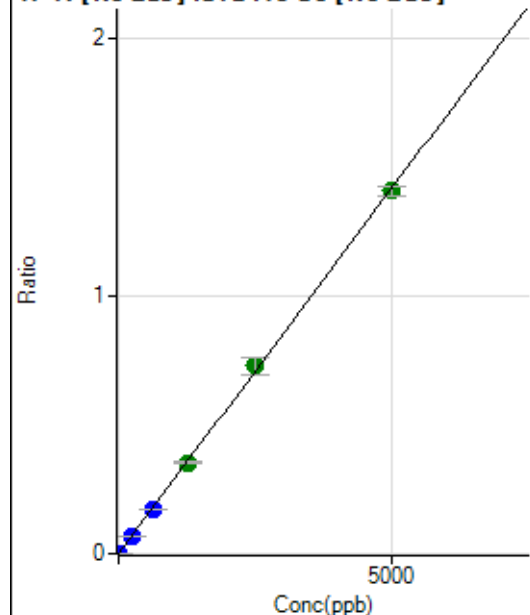
$$DL = 6.059$$

$$BEC = 103.5$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.13	0.0001	P	27.3
2	☐	0.500					
3	☐	5.000	4.465	5501.34	0.0013	P	0.5
4	☐	250.000	243.749	285150.96	0.0690	P	0.5
5	☐	625.000	604.155	712804.27	0.1710	P	2.2
6	☐	1250.000	1245.463	1455399.53	0.3525	A	1.3
7	☐	2500.000	2570.466	2878822.44	0.7275	A	9.1
8	☐	5000.000	4968.820	5862005.17	1.4063	A	2.5
9	☐			1322.35	0.0003	P	13.0

$$y = 2.8301\text{E-}004 * x + 6.4501\text{E-}005$$

$$R = 0.9998$$

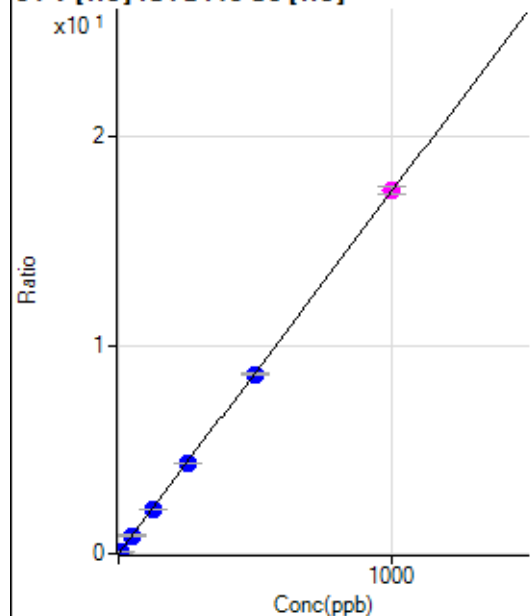
$$DL = 0.1865$$

$$BEC = 0.2279$$

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	23.33	0.0003	P	43.0
2	☐	0.500					
3	☐	5.000	4.904	6122.55	0.0855	P	4.6
4	☐	50.000	50.028	61655.17	0.8697	P	1.7
5	☐	125.000	122.855	152830.99	2.1352	P	0.7
6	☐	250.000	250.315	304090.98	4.3501	P	1.5
7	☐	500.000	496.355	606763.53	8.6256	P	1.5
8	☐	1000.000	1002.011	1272775.83	17.4125	M	2.1
9	☐			166.67	0.0022	P	14.3

$$y = 0.0174 * x + 3.2638\text{E-}004$$

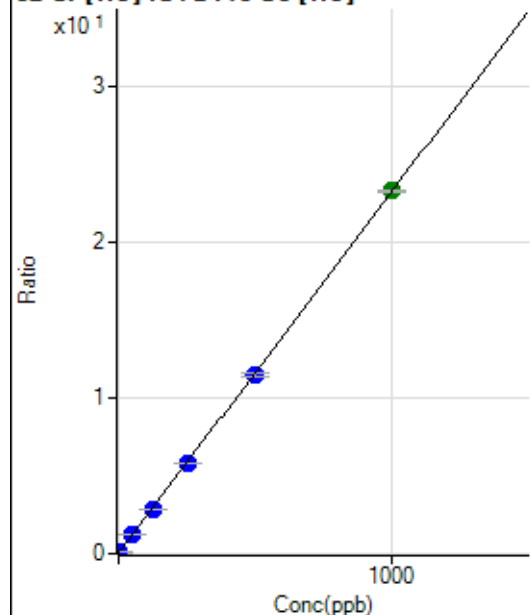
$$R = 1.0000$$

$$DL = 0.02423$$

$$BEC = 0.01878$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1779.04	0.0249	P	4.4
2	☐	0.200					
3	☐	2.000	1.877	4895.38	0.0684	P	3.1
4	☐	50.000	50.360	84513.17	1.1921	P	2.0
5	☐	125.000	121.935	204067.77	2.8511	P	0.9
6	☐	250.000	249.590	406135.38	5.8098	P	1.0
7	☐	500.000	494.336	807616.56	11.4824	P	2.7
8	☐	1000.000	1003.300	1701774.65	23.2790	A	0.7
9	☐			12935.06	0.1737	P	6.2

$$y = 0.0232 * x + 0.0249$$

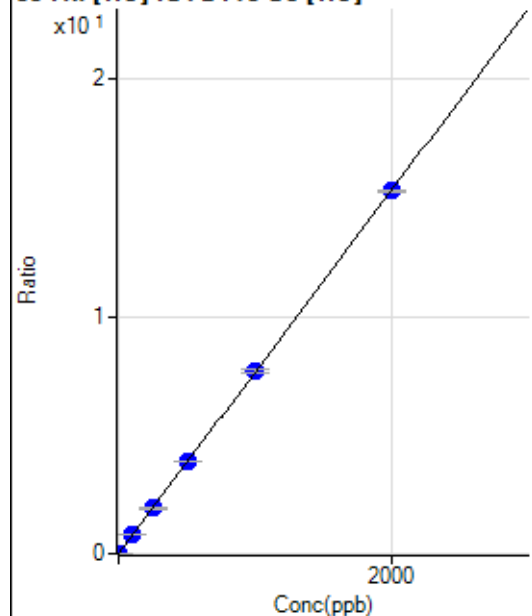
$$R = 1.0000$$

$$DL = 0.1408$$

$$BEC = 1.074$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.12	0.0014	P	23.2
2	☐	0.100					
3	☐	1.000	1.072	688.92	0.0096	P	11.6
4	☐	100.000	102.283	55609.34	0.7843	P	1.0
5	☐	250.000	249.201	136627.34	1.9089	P	1.3
6	☐	500.000	508.250	272050.14	3.8917	P	1.6
7	☐	1000.000	1001.754	539431.37	7.6691	P	2.3
8	☐	2000.000	1997.046	1117520.24	15.2874	P	0.7
9	☐			4090.67	0.0549	P	4.3

$$y = 0.0077 * x + 0.0014$$

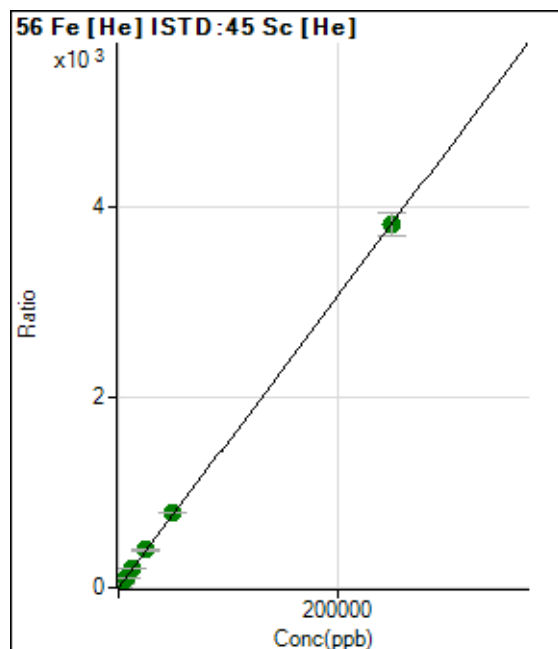
$$R = 1.0000$$

$$DL = 0.1288$$

$$BEC = 0.1848$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3993.29	0.0559	P	5.5
2	☐	5.000					
3	☐	50.000	53.413	62532.82	0.8735	P	1.1
4	☐	2500.000	2706.007	2940822.52	41.4818	A	1.6
5	☐	6250.000	6464.018	7086968.91	99.0127	A	0.7
6	☐	12500.000	13233.919	14166744.88	202.6523	A	0.8
7	☐	25000.000	26030.293	28034751.09	398.5503	A	2.0
8	☐	50000.000	51586.502	57732836.48	789.7871	A	1.2
9	☐	250000.00	249535.56	284442398.9	3,820.164	A	6.5

$$y = 0.0153 * x + 0.0559$$

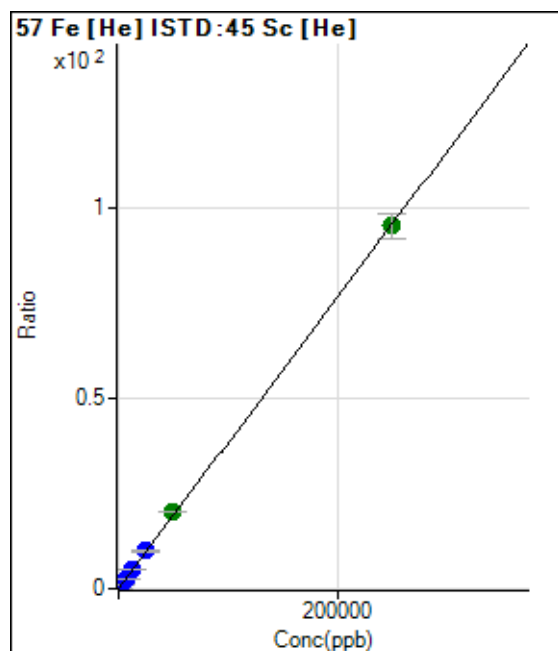
$$R = 1.0000$$

$$DL = 0.6031$$

$$BEC = 3.649$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0016	P	30.0
2	☐	5.000					
3	☐	50.000	57.543	1687.19	0.0236	P	5.8
4	☐	2500.000	2650.113	71724.91	1.0117	P	1.6
5	☐	6250.000	6435.134	175673.14	2.4543	P	0.8
6	☐	12500.000	13149.440	350470.23	5.0134	P	0.5
7	☐	25000.000	25938.705	695489.74	9.8880	P	2.4
8	☐	50000.000	52383.954	1459699.37	19.9674	A	0.4
9	☐	250000.00	249390.73	7075836.16	95.0550	A	7.1

$$y = 3.8114E-004 * x + 0.0016$$

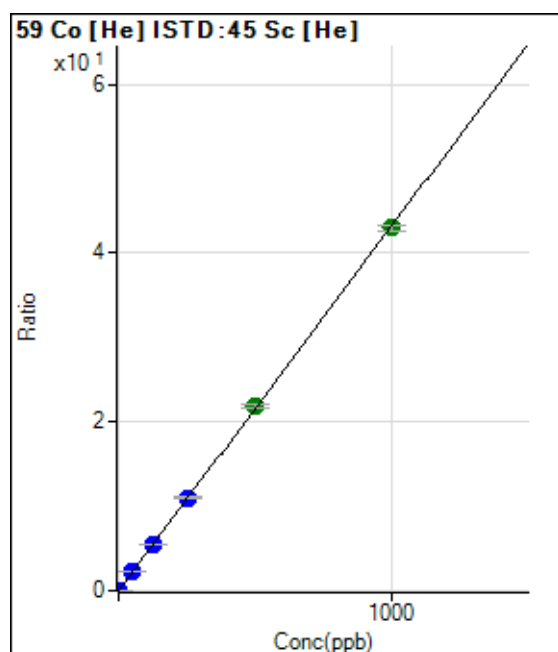
$$R = 0.9999$$

$$DL = 3.86$$

$$BEC = 4.285$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0014	P	18.9
2	☐	0.100					
3	☐	1.000	0.925	2960.37	0.0413	P	4.3
4	☐	50.000	51.182	156754.79	2.2110	P	1.0
5	☐	125.000	125.040	386471.09	5.3995	P	1.3
6	☐	250.000	254.246	767383.99	10.9775	P	1.3
7	☐	500.000	507.299	1540641.70	21.9021	A	2.0
8	☐	1000.000	995.225	3140926.03	42.9665	A	1.2
9	☐			35788.32	0.4809	P	7.7

$$y = 0.0432 * x + 0.0014$$

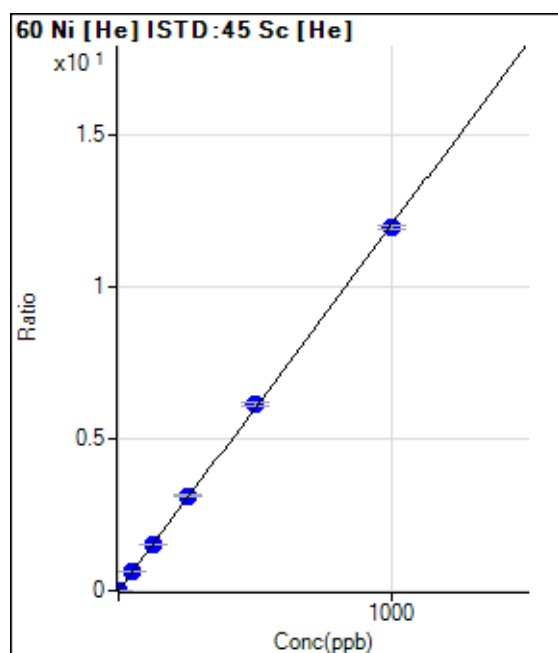
$$R = 0.9999$$

$$DL = 0.01835$$

$$BEC = 0.03242$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0010	P	43.7
2	☐	0.100					
3	☐	1.000	1.173	1080.06	0.0151	P	6.1
4	☐	50.000	52.675	45037.24	0.6353	P	1.8
5	☐	125.000	128.031	110421.28	1.5427	P	0.9
6	☐	250.000	259.757	218725.29	3.1290	P	1.4
7	☐	500.000	508.973	431160.59	6.1300	P	2.5
8	☐	1000.000	992.561	873781.12	11.9534	P	1.1
9	☐			10732.06	0.1441	P	6.8

$$y = 0.0120 * x + 9.6434E-004$$

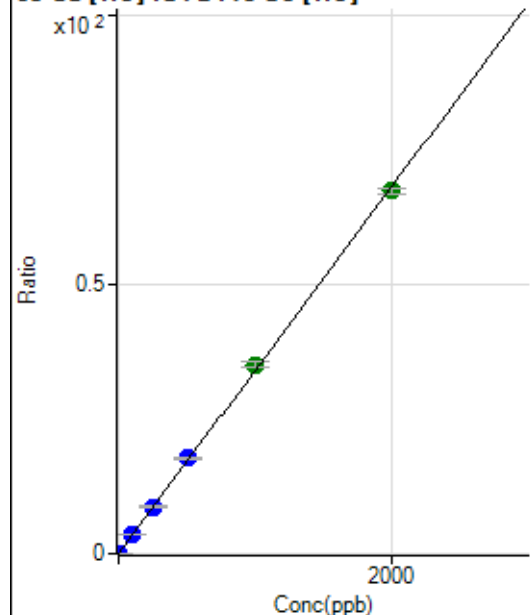
$$R = 0.9999$$

$$DL = 0.1049$$

$$BEC = 0.08008$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	595.58	0.0083	P	1.4
2	☐	0.200					
3	☐	2.000	1.936	5313.33	0.0742	P	2.3
4	☐	100.000	105.571	255260.25	3.6005	P	1.5
5	☐	250.000	255.681	623297.22	8.7082	P	0.9
6	☐	500.000	519.505	1236280.89	17.6852	P	0.7
7	☐	1000.000	1030.727	2467341.32	35.0801	A	2.7
8	☐	2000.000	1978.771	4922305.52	67.3385	A	1.3
9	☐			6193.70	0.0832	P	7.6

$$y = 0.0340 * x + 0.0083$$

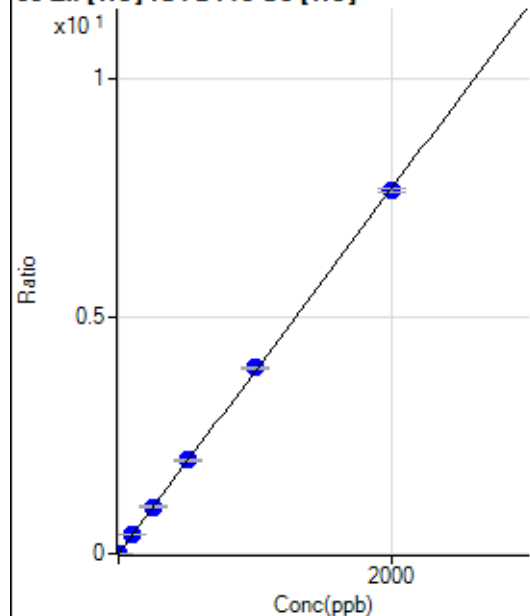
$$R = 0.9998$$

$$DL = 0.01009$$

$$BEC = 0.2448$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0016	P	23.4
2	☐	0.200					
3	☐	2.000	2.394	775.59	0.0108	P	6.0
4	☐	100.000	105.570	28881.49	0.4074	P	1.9
5	☐	250.000	256.782	70756.29	0.9886	P	2.5
6	☐	500.000	511.220	137473.37	1.9665	P	1.1
7	☐	1000.000	1017.357	275171.09	3.9119	P	1.8
8	☐	2000.000	1987.390	558510.55	7.6403	P	1.0
9	☐			2603.63	0.0350	P	7.5

$$y = 0.0038 * x + 0.0016$$

$$R = 0.9999$$

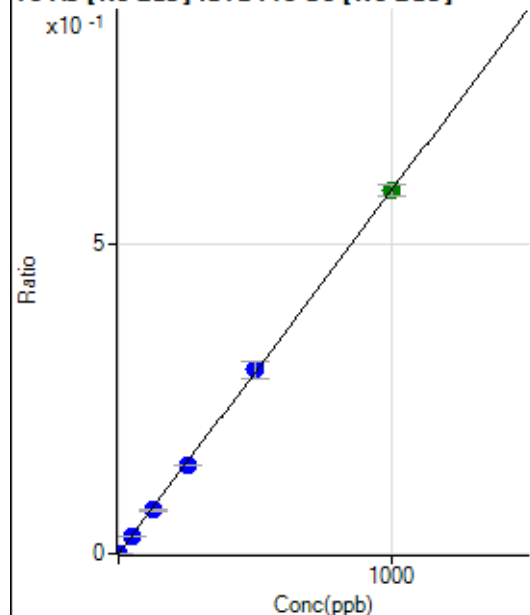
$$DL = 0.2981$$

$$BEC = 0.4246$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	774.00	0.0002	P	5.2
2	☐	0.100					
3	☐	1.000	0.844	2839.60	0.0007	P	6.5
4	☐	50.000	47.827	116454.73	0.0282	P	2.2
5	☐	125.000	119.390	292234.13	0.0701	P	1.2
6	☐	250.000	243.130	588623.35	0.1426	P	0.7
7	☐	500.000	506.617	1175008.68	0.2969	P	8.8
8	☐	1000.000	999.219	2440037.51	0.5854	A	3.0
9	☐			3935.76	0.0010	P	4.3

$$y = 5.8569\text{E-}004 * x + 1.9097\text{E-}004$$

$$R = 0.9999$$

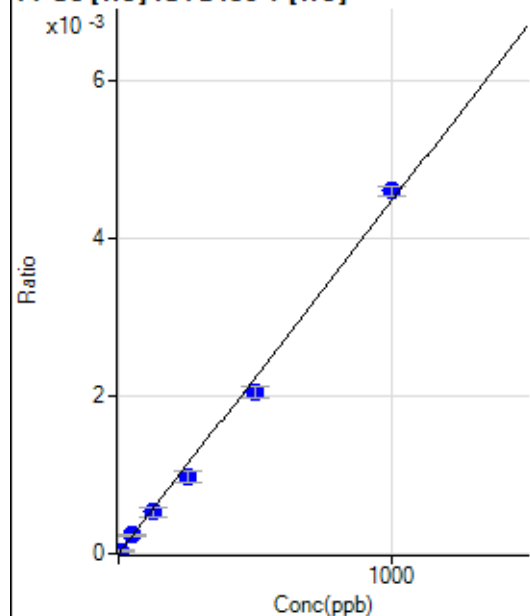
$$DL = 0.0508$$

$$BEC = 0.3261$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	7.420	13.33	0.0000	P	49.8
4	☐	50.000	51.920	93.34	0.0002	P	19.1
5	☐	125.000	118.423	211.12	0.0005	P	21.3
6	☐	250.000	218.349	385.57	0.0010	P	16.4
7	☐	500.000	458.836	814.49	0.0020	P	7.7
8	☐	1000.000	1029.209	1852.38	0.0046	P	3.0
9	☐			4.44	0.0000	P	115.2

$$y = 4.4632\text{E-}006 * x + 0.0000\text{E+}000$$

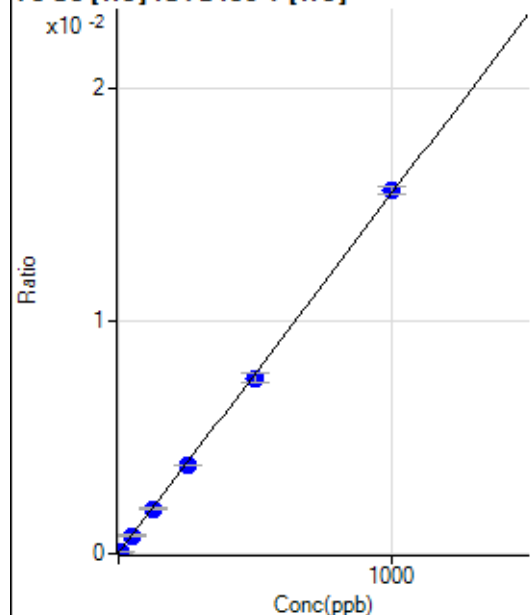
$$R = 0.9981$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.64	0.0000	P	65.1
2	☐	0.500					
3	☐	5.000	4.556	37.04	0.0001	P	25.1
4	☐	50.000	49.148	314.82	0.0008	P	14.6
5	☐	125.000	123.628	772.25	0.0019	P	3.3
6	☐	250.000	244.883	1508.13	0.0038	P	1.8
7	☐	500.000	487.119	3001.59	0.0076	P	5.1
8	☐	1000.000	1007.936	6294.08	0.0156	P	2.1
9	☐			7.41	0.0000	P	27.1

$$y = 1.5465E-005 * x + 2.1607E-005$$

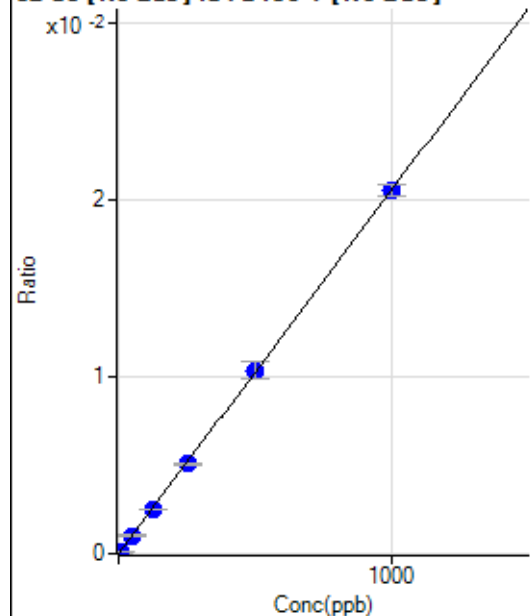
$$R = 0.9999$$

$$DL = 2.731$$

$$BEC = 1.397$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-67.87	0.0000	P	-161.
2	☐	0.500					
3	☐	5.000	5.433	574.36	0.0001	P	5.4
4	☐	50.000	50.053	5867.86	0.0010	P	1.0
5	☐	125.000	123.516	14929.69	0.0025	P	1.1
6	☐	250.000	246.742	29456.12	0.0051	P	1.9
7	☐	500.000	505.243	59031.74	0.0104	P	9.4
8	☐	1000.000	998.373	119188.47	0.0205	P	3.0
9	☐			93.54	0.0000	P	94.5

$$y = 2.0557E-005 * x - 1.1955E-005$$

$$R = 1.0000$$

$$DL = 2.818$$

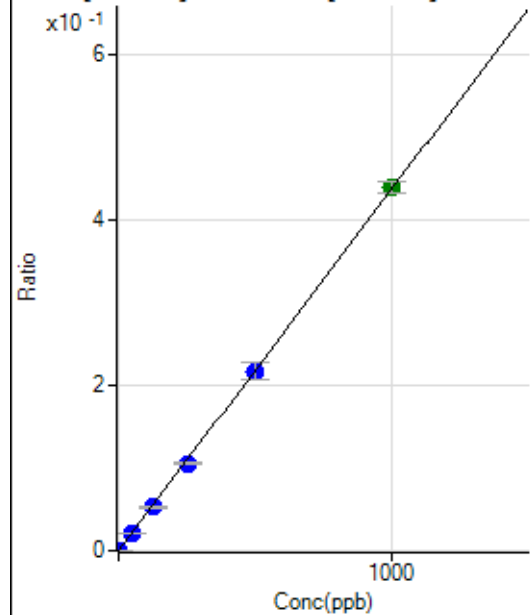
$$BEC = -0.5815$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			730.03		P	14.4
2	☐						
3	☐			646.69		P	2.9
4	☐			674.47		P	3.5
5	☐			643.36		P	11.4
6	☐			697.81		P	1.9
7	☐			697.81		P	3.8
8	☐			721.14		P	8.3
9	☐			678.92		P	9.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1166.77	0.0002	P	7.4
2	☐	0.100					
3	☐	1.000	0.711	2981.04	0.0005	P	4.3
4	☐	50.000	48.466	123354.02	0.0214	P	1.6
5	☐	125.000	119.444	309514.00	0.0524	P	1.1
6	☐	250.000	241.158	614555.78	0.1056	P	0.9
7	☐	500.000	496.395	1234943.29	0.2171	P	9.7
8	☐	1000.000	1004.784	2551912.80	0.4392	A	3.2
9	☐			9967.95	0.0018	P	2.1

$$y = 4.3688E-004 * x + 2.0716E-004$$

$$R = 0.9999$$

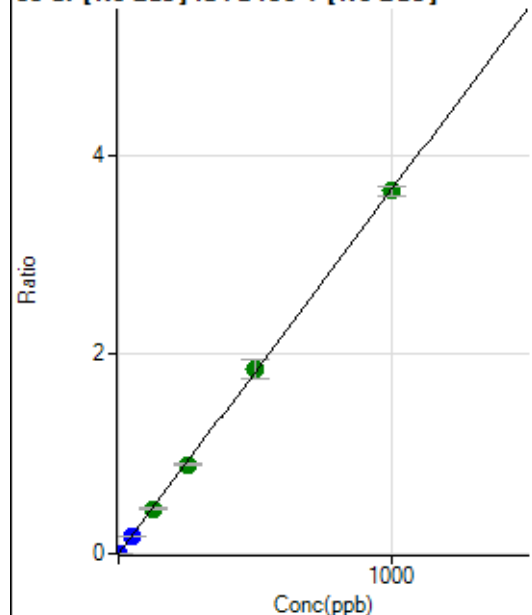
$$DL = 0.1055$$

$$BEC = 0.4742$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	40.2
2	☐	0.100					
3	☐	1.000	0.792	16777.72	0.0029	P	2.3
4	☐	50.000	49.740	1047591.02	0.1816	P	0.7
5	☐	125.000	123.531	2663666.18	0.4509	A	1.7
6	☐	250.000	244.006	5184954.24	0.8906	A	1.6
7	☐	500.000	508.425	10552761.00	1.8557	A	10.5
8	☐	1000.000	997.483	21158007.59	3.6407	A	2.3
9	☐			75523.46	0.0136	P	0.9

$$y = 0.0036 * x + 2.4149E-005$$

$$R = 0.9999$$

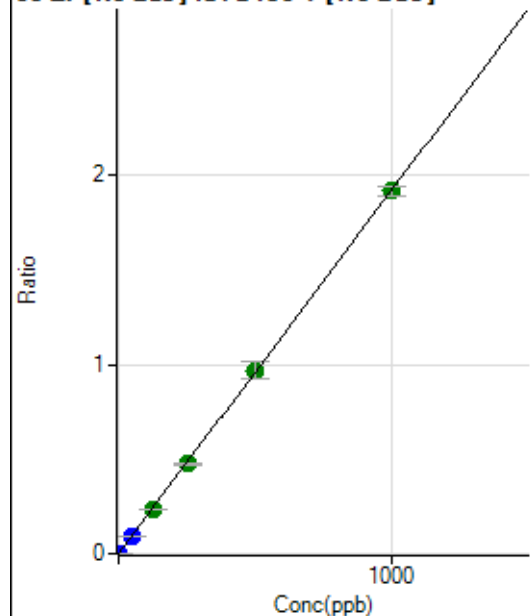
$$DL = 0.007986$$

$$BEC = 0.006616$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	430.59	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	0.918	10599.03	0.0018	P	4.2
4	☐	50.000	48.719	540532.47	0.0937	P	1.5
5	☐	125.000	122.190	1387593.31	0.2349	A	1.0
6	☐	250.000	247.423	2768045.76	0.4755	A	1.6
7	☐	500.000	504.430	5515149.39	0.9693	A	9.6
8	☐	1000.000	998.845	11153709.10	1.9194	A	2.7
9	☐			2747.63	0.0005	P	6.0

$$y = 0.0019 * x + 7.6485E-005$$

$$R = 1.0000$$

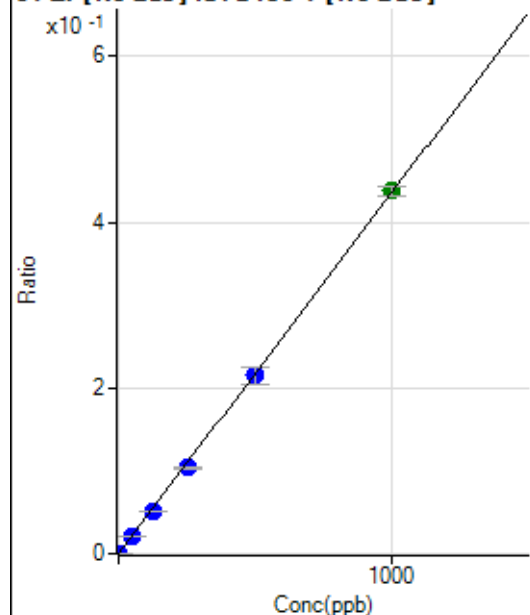
$$DL = 0.01113$$

$$BEC = 0.0398$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	51.2
2	☐	0.100					
3	☐	1.000	0.870	2297.53	0.0004	P	9.5
4	☐	50.000	47.230	118585.67	0.0206	P	2.4
5	☐	125.000	117.237	301249.55	0.0510	P	1.7
6	☐	250.000	238.979	604968.95	0.1039	P	1.7
7	☐	500.000	495.042	1224713.83	0.2153	P	9.7
8	☐	1000.000	1006.343	2542945.57	0.4376	A	2.4
9	☐			586.15	0.0001	P	3.8

$$y = 4.3479\text{E-}004 * x + 2.0804\text{E-}005$$

$$R = 0.9999$$

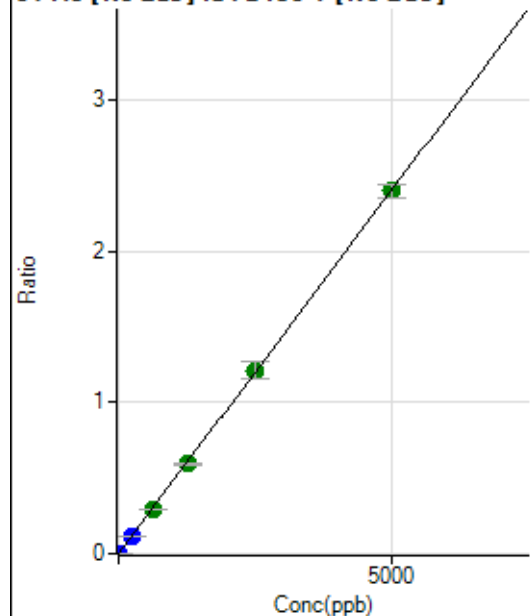
$$DL = 0.07345$$

$$BEC = 0.04785$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	8.1
2	☐	0.500					
3	☐	5.000	4.557	12834.36	0.0022	P	2.7
4	☐	250.000	243.147	674973.91	0.1170	P	2.3
5	☐	625.000	608.616	1729957.50	0.2928	A	0.9
6	☐	1250.000	1238.387	3467931.24	0.5958	A	1.9
7	☐	2500.000	2523.728	6906617.17	1.2141	A	9.9
8	☐	5000.000	4993.430	13956937.81	2.4021	A	3.4
9	☐			5256.82	0.0009	P	6.7

$$y = 4.8104\text{E-}004 * x + 3.6493\text{E-}005$$

$$R = 1.0000$$

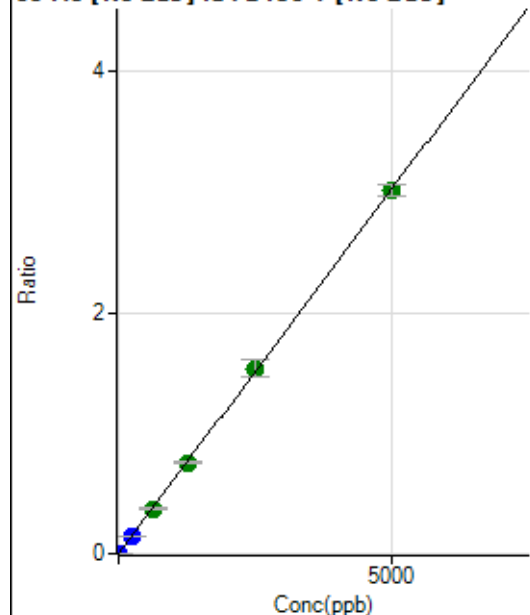
$$DL = 0.01834$$

$$BEC = 0.07586$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	1.4
2	☐	0.500					
3	☐	5.000	4.567	15954.41	0.0028	P	1.2
4	☐	250.000	242.883	846011.28	0.1466	P	2.0
5	☐	625.000	615.016	2193377.80	0.3713	A	2.0
6	☐	1250.000	1247.176	4382930.61	0.7529	A	2.1
7	☐	2500.000	2543.103	8736986.22	1.5353	A	9.3
8	☐	5000.000	4980.759	17471869.66	3.0069	A	3.3
9	☐			7385.66	0.0013	P	3.2

$$y = 6.0371\text{E-}004 * x + 1.3326\text{E-}005$$

$$R = 0.9999$$

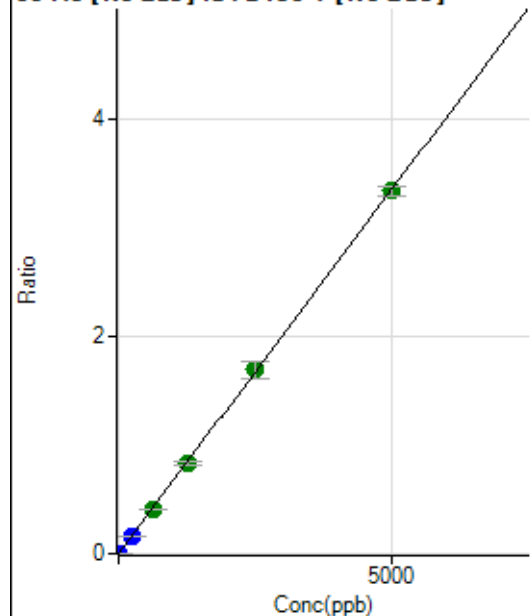
$$DL = 0.000942$$

$$BEC = 0.02207$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	17.1
2	☐	0.500					
3	☐	5.000	4.416	17108.58	0.0030	P	0.6
4	☐	250.000	243.746	940618.34	0.1630	P	1.3
5	☐	625.000	614.026	2425958.67	0.4107	A	1.8
6	☐	1250.000	1241.307	4832275.89	0.8302	A	2.9
7	☐	2500.000	2535.128	9649948.13	1.6955	A	9.3
8	☐	5000.000	4986.294	19378011.72	3.3348	A	3.0
9	☐			8842.19	0.0016	P	3.0

$$y = 6.6879\text{E-}004 * x + 1.7262\text{E-}005$$

$$R = 1.0000$$

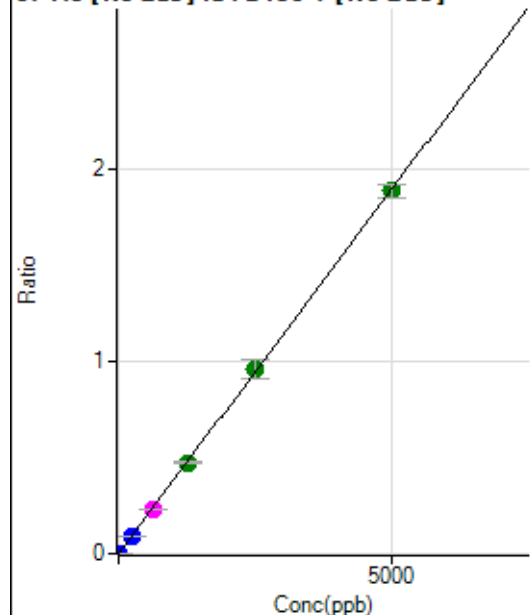
$$DL = 0.01324$$

$$BEC = 0.02581$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	21.0
2	☐	0.500					
3	☐	5.000	4.487	9926.25	0.0017	P	1.0
4	☐	250.000	240.553	526734.48	0.0913	P	0.8
5	☐	625.000	601.250	1347730.87	0.2282	M	2.3
6	☐	1250.000	1254.182	2769950.73	0.4759	A	3.1
7	☐	2500.000	2538.172	5477218.44	0.9631	A	10.4
8	☐	5000.000	4983.310	10985580.20	1.8908	A	3.8
9	☐			4367.60	0.0008	P	3.8

$$y = 3.7943\text{E-}004 * x + 2.1251\text{E-}005$$

$$R = 0.9999$$

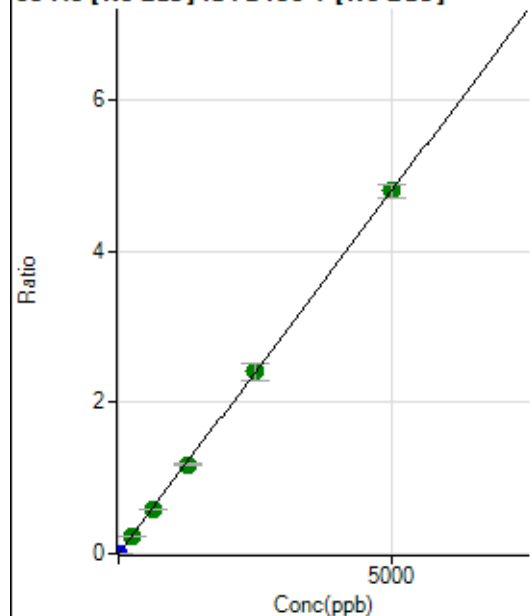
$$DL = 0.03526$$

$$BEC = 0.05601$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0000	P	37.9
2	☐	0.500					
3	☐	5.000	4.512	25074.05	0.0044	P	1.0
4	☐	250.000	248.630	1376378.84	0.2386	A	2.2
5	☐	625.000	604.687	3427458.15	0.5802	A	1.8
6	☐	1250.000	1232.358	6883092.25	1.1824	A	1.9
7	☐	2500.000	2512.293	13713324.26	2.4105	A	9.8
8	☐	5000.000	5000.872	27876750.97	4.7982	A	4.0
9	☐			10796.39	0.0019	P	2.9

$$y = 9.5947\text{E-}004 * x + 2.4592\text{E-}005$$

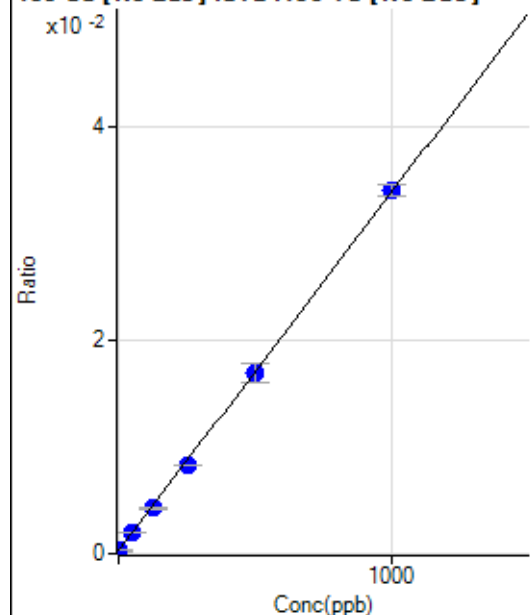
$$R = 1.0000$$

$$DL = 0.02917$$

$$BEC = 0.02563$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1433.49	0.0003	P	17.9
2	☐	0.100					
3	☐	1.000	1.492	1708.52	0.0003	P	9.3
4	☐	50.000	50.616	10273.86	0.0020	P	6.1
5	☐	125.000	119.646	23126.44	0.0043	P	3.2
6	☐	250.000	240.468	45154.61	0.0083	P	0.6
7	☐	500.000	497.924	89183.04	0.0170	P	10.5
8	☐	1000.000	1004.059	177985.82	0.0339	P	3.1
9	☐			1633.51	0.0003	P	1.4

$$y = 3.3528\text{E-}005 * x + 2.7917\text{E-}004$$

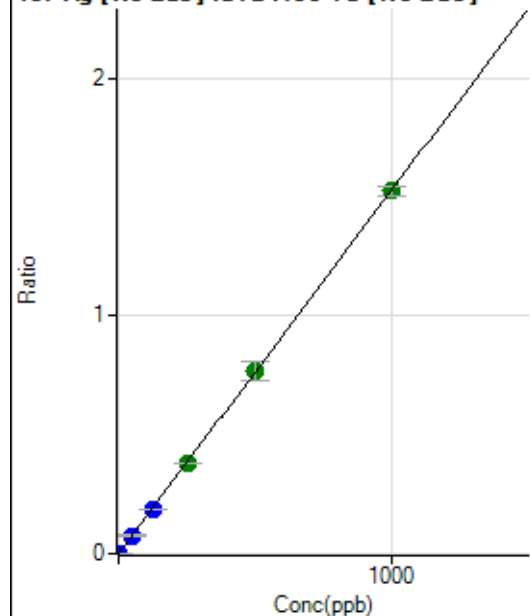
$$R = 0.9999$$

$$DL = 4.478$$

$$BEC = 8.327$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0000	P	24.0
2	☐	0.100					
3	☐	1.000	0.966	7819.28	0.0015	P	2.7
4	☐	50.000	50.037	398062.08	0.0766	P	1.4
5	☐	125.000	121.702	1003621.06	0.1862	P	1.6
6	☐	250.000	247.644	2050559.62	0.3788	A	1.0
7	☐	500.000	504.960	4058236.29	0.7724	A	10.5
8	☐	1000.000	998.520	8008915.28	1.5273	A	3.0
9	☐			1169.58	0.0002	P	16.3

$$y = 0.0015 * x + 2.9687\text{E-}005$$

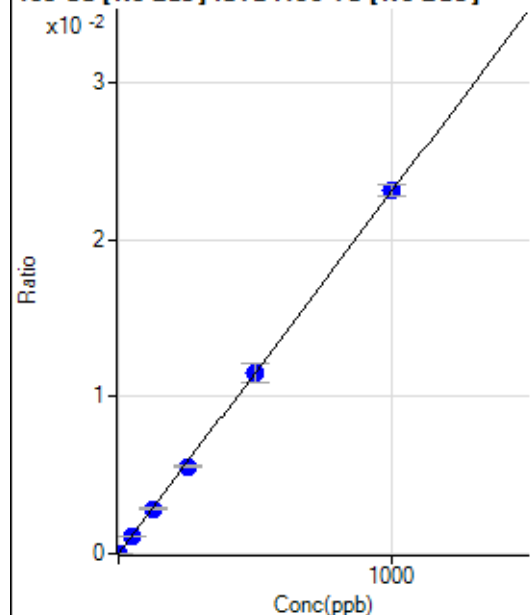
$$R = 1.0000$$

$$DL = 0.01398$$

$$BEC = 0.01941$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.28	0.0000	P	14.6
2	☐	0.100					
3	☐	1.000	1.066	143.06	0.0000	P	27.5
4	☐	50.000	48.608	5848.63	0.0011	P	3.8
5	☐	125.000	123.383	15368.76	0.0029	P	3.6
6	☐	250.000	241.559	30197.95	0.0056	P	1.3
7	☐	500.000	499.689	60641.44	0.0115	P	9.8
8	☐	1000.000	1002.538	121355.92	0.0231	P	3.2
9	☐			33.34	0.0000	P	65.8

$$y = 2.3083\text{E-}005 * x + 2.9687\text{E-}006$$

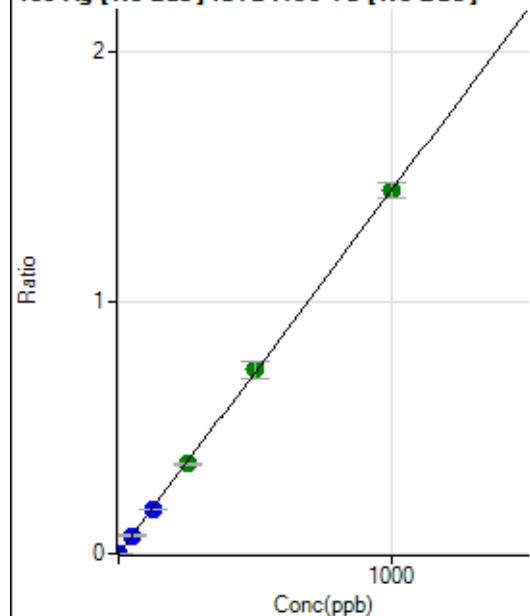
$$R = 1.0000$$

$$DL = 0.05636$$

$$BEC = 0.1286$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	27.3
2	☐	0.100					
3	☐	1.000	0.967	7380.17	0.0014	P	0.7
4	☐	50.000	50.038	376706.15	0.0725	P	1.7
5	☐	125.000	122.597	956862.62	0.1775	P	1.1
6	☐	250.000	246.808	1934104.43	0.3573	A	1.1
7	☐	500.000	505.445	3845731.21	0.7317	A	9.9
8	☐	1000.000	998.374	7576461.80	1.4453	A	4.4
9	☐			1133.44	0.0002	P	8.8

$$y = 0.0014 * x + 2.2639\text{E-}005$$

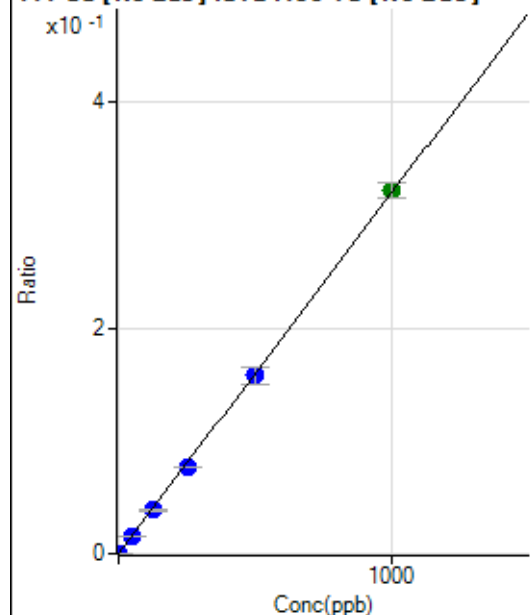
$$R = 1.0000$$

$$DL = 0.0128$$

$$BEC = 0.01564$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1005.24	0.0002	P	17.9
2	☐	0.100					
3	☐	1.000	0.875	2465.38	0.0005	P	5.9
4	☐	50.000	49.732	83592.57	0.0161	P	0.7
5	☐	125.000	120.122	207840.75	0.0386	P	1.9
6	☐	250.000	240.247	416378.27	0.0769	P	0.9
7	☐	500.000	493.173	828569.32	0.1577	P	10.4
8	☐	1000.000	1006.475	1686048.84	0.3216	A	4.2
9	☐			1189.57	0.0002	P	0.9

$$y = 3.1935\text{E-}004 * x + 1.9578\text{E-}004$$

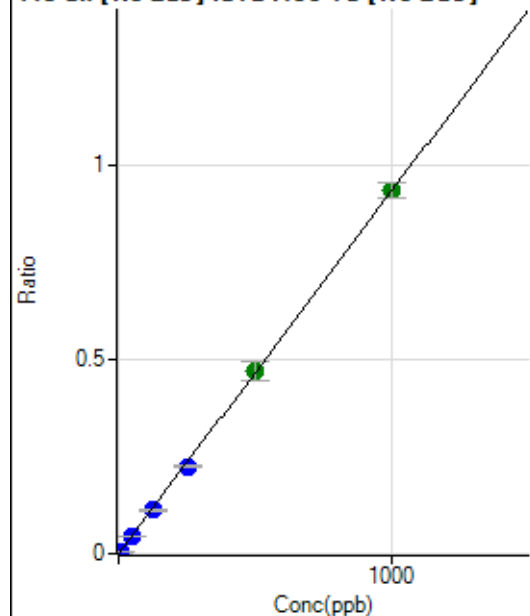
$$R = 0.9999$$

$$DL = 0.3289$$

$$BEC = 0.613$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	463.92	0.0001	P	4.2
2	☐	0.500					
3	☐	5.000	4.746	23426.99	0.0045	P	2.7
4	☐	50.000	49.039	238140.33	0.0458	P	1.7
5	☐	125.000	119.391	600469.40	0.1114	P	1.4
6	☐	250.000	240.385	1213442.39	0.2242	P	1.9
7	☐	500.000	503.842	2468605.24	0.4698	A	10.3
8	☐	1000.000	1001.233	4893508.96	0.9335	A	4.4
9	☐			2542.02	0.0005	P	4.7

$$y = 9.3223\text{E-}004 * x + 9.0214\text{E-}005$$

$$R = 0.9999$$

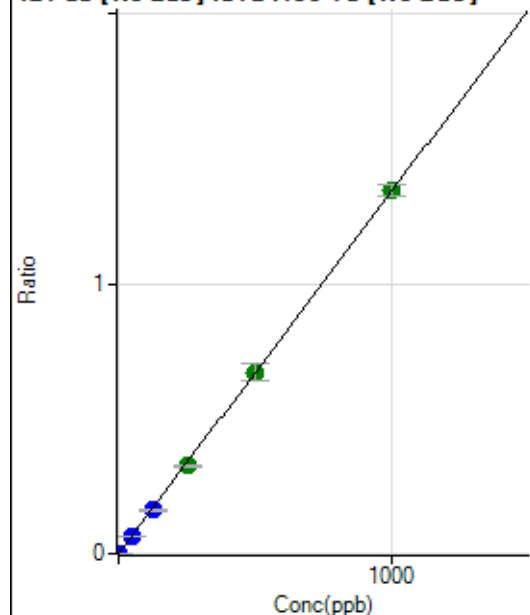
$$DL = 0.01207$$

$$BEC = 0.09677$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	28.0
2	☐	0.200					
3	☐	2.000	1.752	12372.99	0.0024	P	4.0
4	☐	50.000	48.680	339590.86	0.0653	P	1.0
5	☐	125.000	119.700	865501.74	0.1606	P	1.6
6	☐	250.000	243.635	1768638.00	0.3268	A	2.1
7	☐	500.000	501.297	3532833.97	0.6723	A	10.3
8	☐	1000.000	1001.672	7043968.39	1.3433	A	3.0
9	☐			8503.09	0.0017	P	3.7

$$y = 0.0013 * x + 3.3591E-005$$

$$R = 1.0000$$

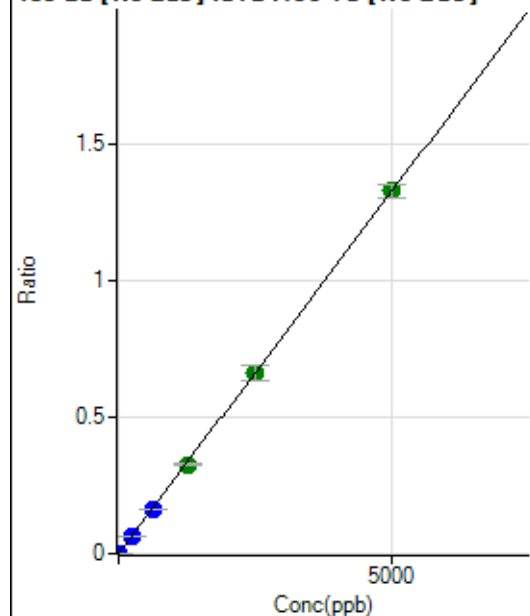
$$DL = 0.02102$$

$$BEC = 0.02505$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0000	P	68.6
2	☐	1.000					
3	☐	10.000	9.314	12828.98	0.0025	P	2.5
4	☐	250.000	244.018	335998.05	0.0646	P	0.5
5	☐	625.000	603.714	861769.16	0.1599	P	1.3
6	☐	1250.000	1225.447	1756328.30	0.3245	A	2.2
7	☐	2500.000	2495.791	3475440.18	0.6609	A	9.0
8	☐	5000.000	5011.204	6956702.58	1.3269	A	3.8
9	☐			819.51	0.0002	P	11.0

$$y = 2.6479E-004 * x + 5.9631E-006$$

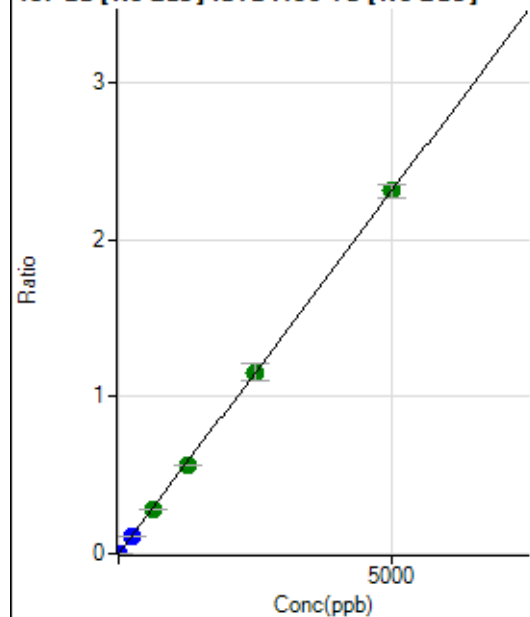
$$R = 1.0000$$

$$DL = 0.04633$$

$$BEC = 0.02252$$

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	41.67	0.0000	P	34.5
2	☐	1.000					
3	☐	10.000	9.463	22723.20	0.0044	P	2.0
4	☐	250.000	243.637	585035.16	0.1125	P	1.8
5	☐	625.000	609.790	1518043.51	0.2816	A	2.4
6	☐	1250.000	1221.043	3052522.25	0.5639	A	1.2
7	☐	2500.000	2505.826	6084483.08	1.1573	A	9.5
8	☐	5000.000	5006.547	12122551.31	2.3122	A	3.8
9	☐			1416.81	0.0003	P	2.3

$$y = 4.6183\text{E-}004 * x + 8.1032\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01815$$

$$BEC = 0.01755$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐						
3	☐			8.89		P	43.3
4	☐			13.34		P	86.6
5	☐			42.23		P	32.9
6	☐			60.00		P	40.1
7	☐			180.01		P	37.6
8	☐			242.23		P	3.2
9	☐			97.78		P	20.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			4.44		P	43.4
7	☐			7.78		P	24.7
8	☐			12.22		P	110.2
9	☐			21.11		P	9.1

156 Dy [No Gas] No available calibration points

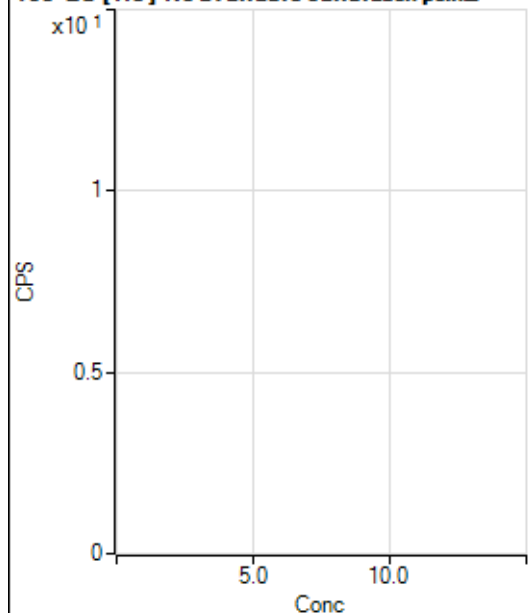
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	173.2
2	☐						
3	☐			8.33		P	0.0
4	☐			25.00		P	145.3
5	☐			13.89		P	91.6
6	☐			41.67		P	72.1
7	☐			44.45		P	28.6
8	☐			91.67		P	27.3
9	☐			52.78		P	50.8

156 Dy [He] No available calibration points

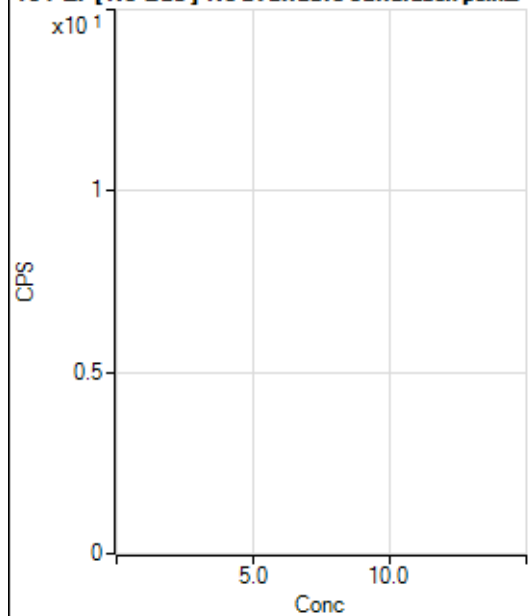
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.44		P	43.4
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			2.22		P	173.2
7	☐			7.78		P	24.7
8	☐			2.22		P	173.2
9	☐			15.55		P	44.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	96.1
2	☐						
3	☐			47.22		P	10.2
4	☐			47.22		P	27.0
5	☐			66.67		P	33.1
6	☐			38.89		P	44.6
7	☐			77.78		P	32.7
8	☐			63.89		P	7.5
9	☐			75.00		P	11.1

160 Gd [He] No available calibration points

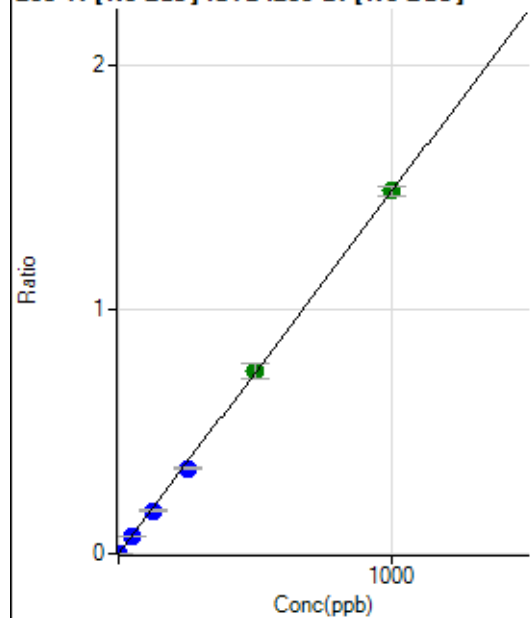
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			10.00		P	33.3
4	☐			10.00		P	0.0
5	☐			4.44		P	43.4
6	☐			6.67		P	50.0
7	☐			20.00		P	57.7
8	☐			15.56		P	53.9
9	☐			27.78		P	50.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐						
3	☐			25.00		P	33.3
4	☐			36.11		P	35.3
5	☐			27.78		P	17.3
6	☐			27.78		P	34.6
7	☐			19.45		P	24.7
8	☐			27.78		P	45.8
9	☐			47.22		P	27.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			5.56		P	91.6
4	☐			6.67		P	0.0
5	☐			11.11		P	96.4
6	☐			7.78		P	99.0
7	☐			15.56		P	32.7
8	☐			13.33		P	25.0
9	☐			13.34		P	86.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	39.8
2	☐	0.100					
3	☐	1.000	0.846	3620.14	0.0013	P	2.8
4	☐	50.000	46.798	198308.23	0.0693	P	1.5
5	☐	125.000	117.933	513855.67	0.1746	P	3.6
6	☐	250.000	235.621	1036138.84	0.3489	P	2.4
7	☐	500.000	505.433	2140245.86	0.7483	A	8.4
8	☐	1000.000	1001.922	4140264.46	1.4834	A	2.7
9	☐			305.57	0.0001	P	12.4

$$y = 0.0015 * x + 1.8716E-005$$

$$R = 0.9999$$

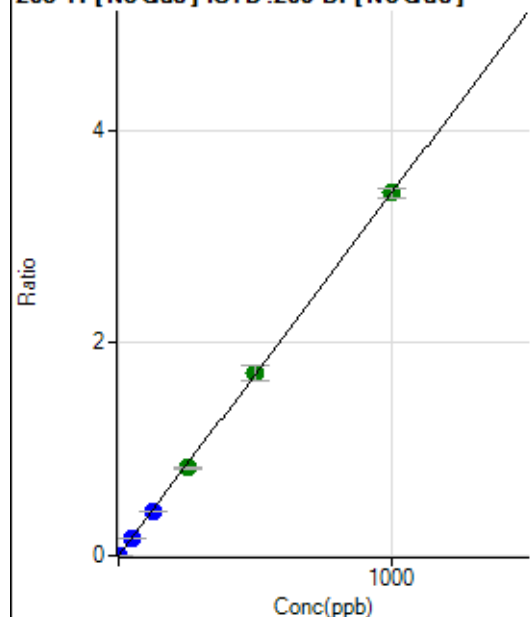
$$DL = 0.01511$$

$$BEC = 0.01264$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	32.5
2	☐	0.100					
3	☐	1.000	0.876	8620.00	0.0030	P	2.3
4	☐	50.000	48.010	468875.13	0.1639	P	1.4
5	☐	125.000	121.529	1220591.41	0.4147	P	2.7
6	☐	250.000	243.739	2470277.57	0.8317	A	2.3
7	☐	500.000	503.200	4909514.95	1.7170	A	9.1
8	☐	1000.000	1000.499	9528173.56	3.4138	A	2.7
9	☐			780.62	0.0003	P	6.5

$$y = 0.0034 * x + 4.0288E-005$$

$$R = 1.0000$$

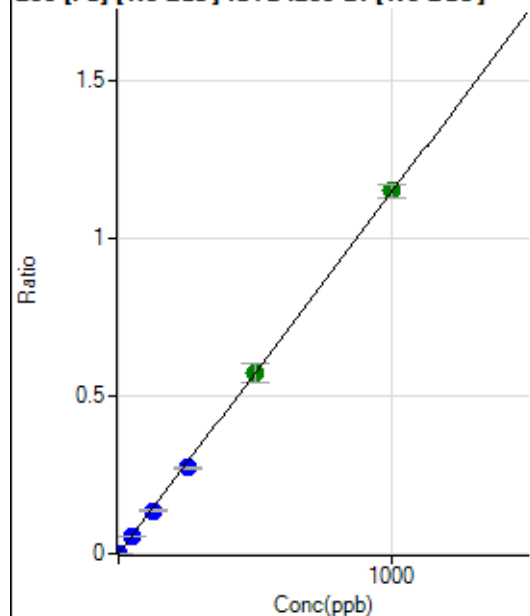
$$DL = 0.01152$$

$$BEC = 0.01181$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.82	0.0001	P	19.9
2	☐	0.100					
3	☐	1.000	0.907	3176.43	0.0011	P	4.2
4	☐	50.000	47.729	156838.90	0.0548	P	2.1
5	☐	125.000	119.261	402761.50	0.1368	P	2.5
6	☐	250.000	237.306	808589.50	0.2722	P	1.7
7	☐	500.000	500.574	1640300.56	0.5741	A	10.4
8	☐	1000.000	1003.717	3212264.25	1.1511	A	3.8
9	☐			4808.48	0.0019	P	4.6

$$y = 0.0011 * x + 7.6141E-005$$

$$R = 0.9999$$

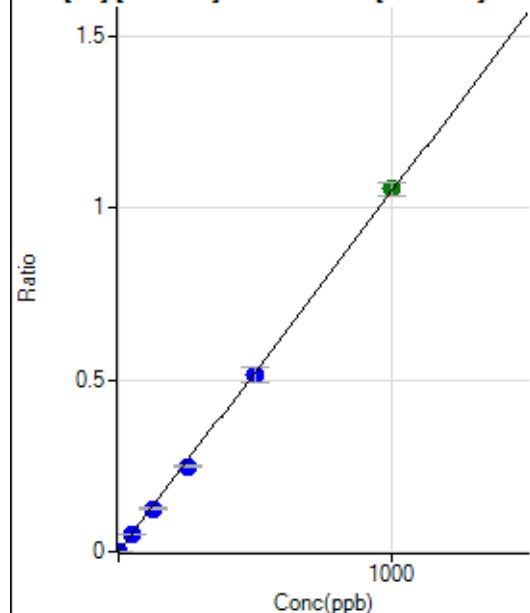
$$DL = 0.0397$$

$$BEC = 0.06639$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	181.49	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	0.901	2868.94	0.0010	P	3.1
4	☐	50.000	47.377	142138.63	0.0497	P	2.4
5	☐	125.000	118.623	365772.73	0.1243	P	2.8
6	☐	250.000	237.070	737616.64	0.2483	P	1.4
7	☐	500.000	491.411	1471039.73	0.5146	P	9.6
8	☐	1000.000	1008.455	2947039.82	1.0561	A	3.9
9	☐			4017.43	0.0016	P	2.1

$$y = 0.0010 * x + 6.4333E-005$$

$$R = 0.9999$$

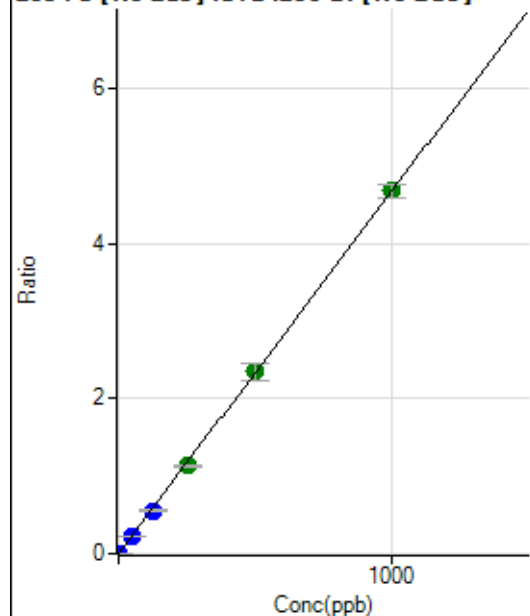
$$DL = 0.0211$$

$$BEC = 0.06144$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	853.74	0.0003	P	4.9
2	☐	0.100					
3	☐	1.000	0.894	12732.52	0.0045	P	3.8
4	☐	50.000	47.755	638585.38	0.2232	P	1.6
5	☐	125.000	119.269	1639217.02	0.5569	P	2.1
6	☐	250.000	241.735	3351864.44	1.1285	A	1.7
7	☐	500.000	502.177	6697374.26	2.3439	A	10.2
8	☐	1000.000	1001.806	13047858.80	4.6756	A	3.6
9	☐			18889.44	0.0075	P	4.4

$$y = 0.0047 * x + 3.0258E-004$$

$$R = 1.0000$$

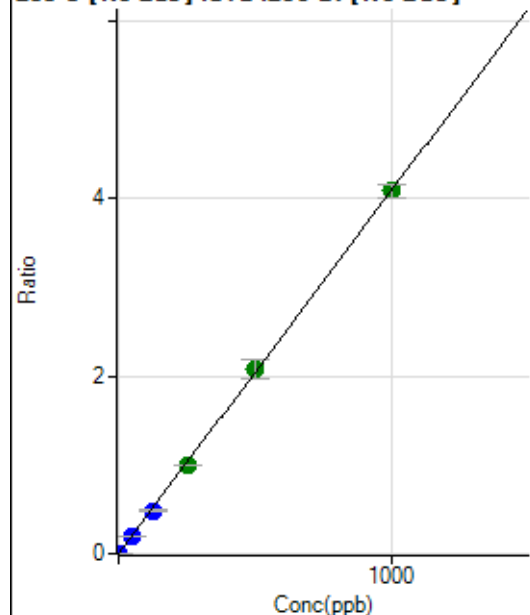
$$DL = 0.009441$$

$$BEC = 0.06484$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	49.6
2	☐	0.100					
3	☐	1.000	0.882	10285.26	0.0036	P	1.5
4	☐	50.000	47.107	550492.05	0.1924	P	1.0
5	☐	125.000	118.672	1426297.34	0.4846	P	2.6
6	☐	250.000	243.965	2959389.74	0.9962	A	1.3
7	☐	500.000	506.935	5915204.00	2.0701	A	10.1
8	☐	1000.000	998.977	11383915.36	4.0793	A	3.5
9	☐			441.70	0.0002	P	10.0

$$y = 0.0041 * x + 1.3785E-005$$

$$R = 0.9999$$

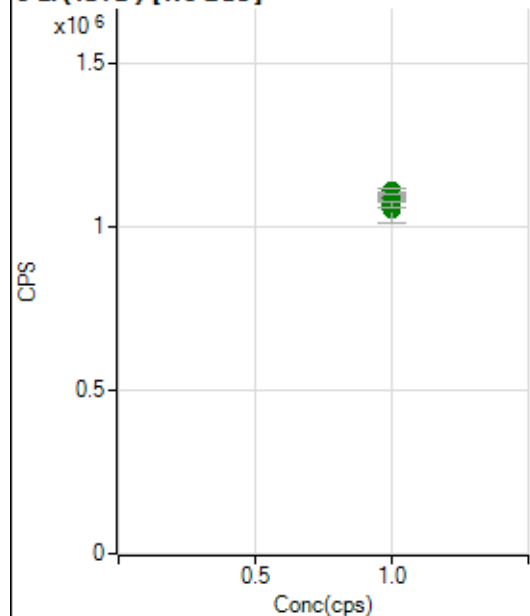
$$DL = 0.005021$$

$$BEC = 0.003376$$

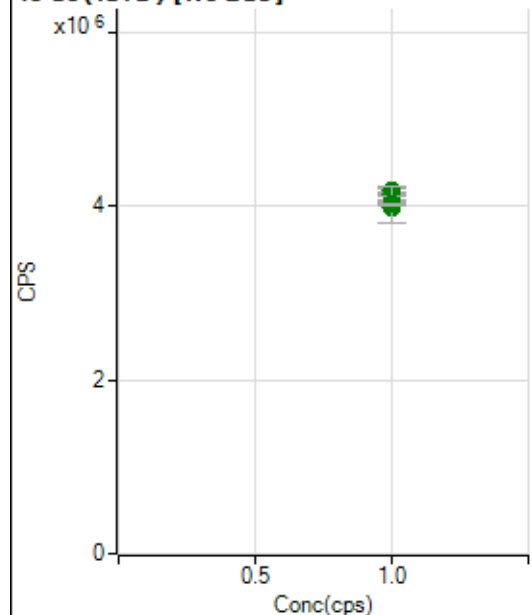
Weight: <None>

Min Conc: 0

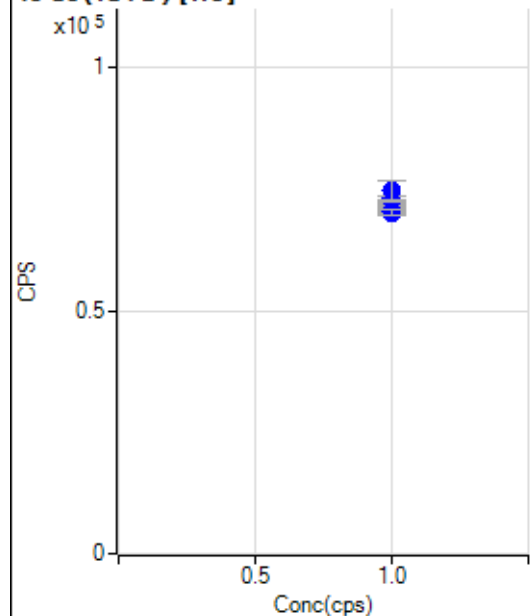
6 Li (ISTD) [No Gas]



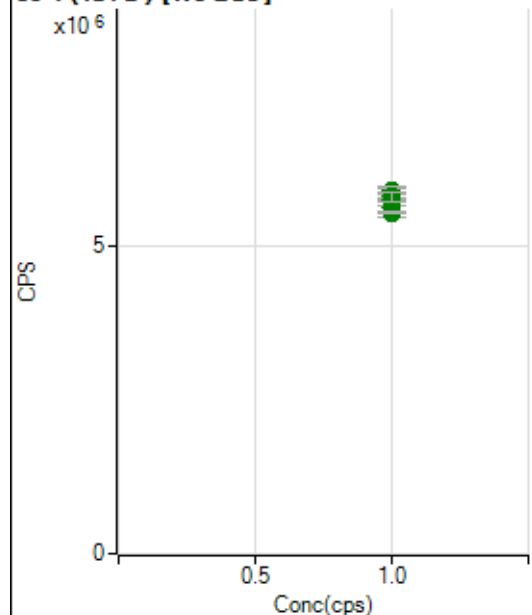
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1081989.82		A	1.2
2	☐	1.000					
3	☐	1.000		1069038.63		A	1.3
4	☐	1.000		1086493.51		A	0.6
5	☐	1.000		1111627.21		A	0.9
6	☐	1.000		1092039.59		A	0.8
7	☐	1.000		1054169.87		A	7.8
8	☐	1.000		1088491.17		A	2.0
9	☐	1.000		1070283.09		A	1.5

45 Sc (ISTD) [No Gas]

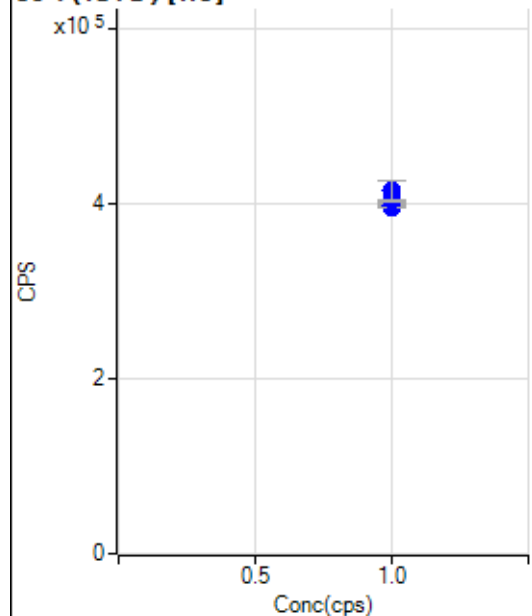
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4051997.10		A	0.7
2	☐	1.000					
3	☐	1.000		4142253.17		A	0.5
4	☐	1.000		4129801.61		A	1.1
5	☐	1.000		4168518.32		A	2.0
6	☐	1.000		4128262.33		A	1.1
7	☐	1.000		3977142.97		A	8.5
8	☐	1.000		4169990.50		A	2.4
9	☐	1.000		4017651.61		A	0.6

45 Sc (ISTD) [He]

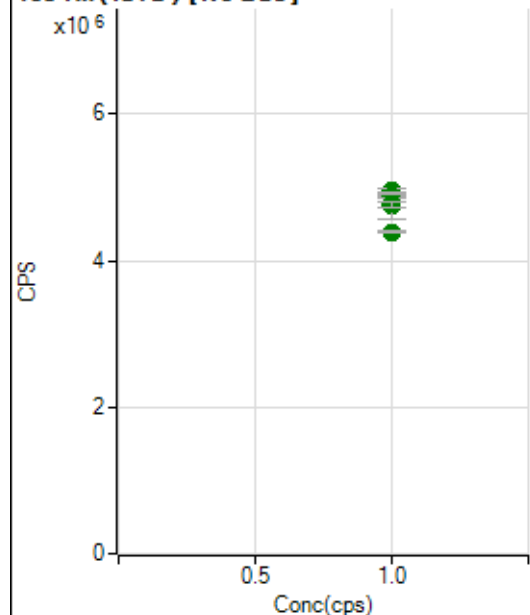
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		71491.79		P	0.4
2	☐	1.000					
3	☐	1.000		71587.93		P	0.7
4	☐	1.000		70904.53		P	1.3
5	☐	1.000		71577.79		P	0.5
6	☐	1.000		69906.09		P	0.6
7	☐	1.000		70356.53		P	1.7
8	☐	1.000		73104.43		P	1.0
9	☐	1.000		74657.70		P	6.2

89 Y (ISTD) [No Gas]

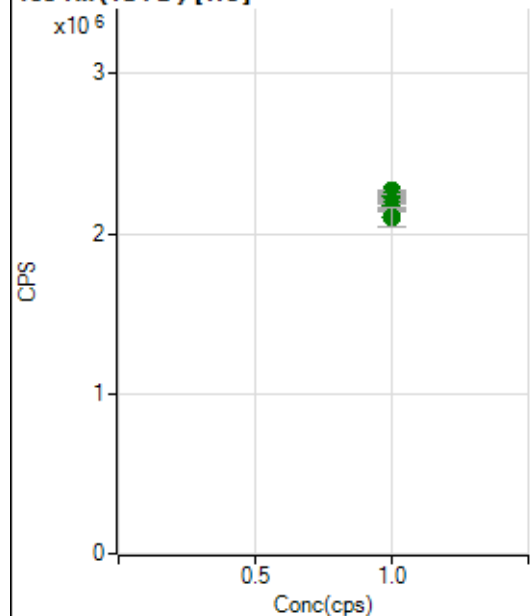
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5628846.93		A	1.4
2	☐	1.000					
3	☐	1.000		5758813.73		A	0.5
4	☐	1.000		5769932.69		A	1.1
5	☐	1.000		5908458.38		A	1.6
6	☐	1.000		5822038.94		A	1.3
7	☐	1.000		5720952.80		A	8.6
8	☐	1.000		5814266.86		A	3.0
9	☐	1.000		5548585.89		A	0.5

89 Y (ISTD) [He]

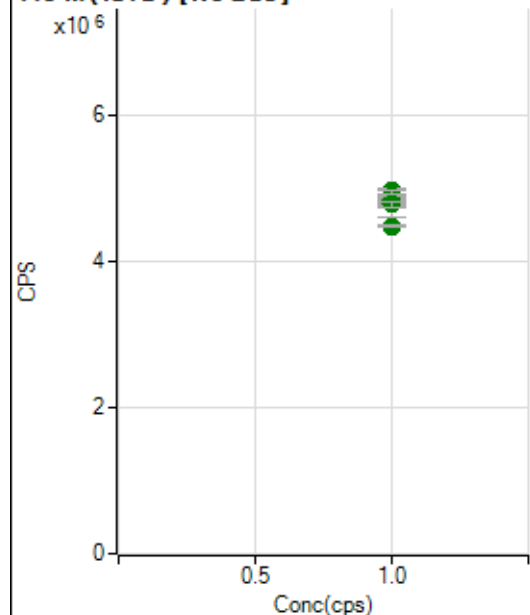
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		399294.17		P	0.3
2	☐	1.000					
3	☐	1.000		402374.48		P	0.2
4	☐	1.000		402896.60		P	0.8
5	☐	1.000		399375.11		P	0.6
6	☐	1.000		395984.57		P	0.9
7	☐	1.000		397467.26		P	1.3
8	☐	1.000		403220.50		P	0.5
9	☐	1.000		414015.54		P	5.5

103 Rh (ISTD) [No Gas]

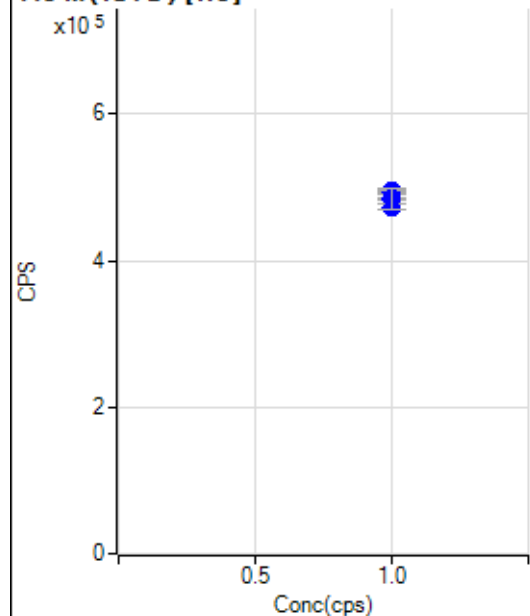
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4891668.34		A	1.4
2	☐	1.000					
3	☐	1.000		4908417.26		A	0.7
4	☐	1.000		4911456.36		A	0.6
5	☐	1.000		4951206.10		A	1.3
6	☐	1.000		4879367.21		A	1.2
7	☐	1.000		4748911.74		A	8.1
8	☐	1.000		4767139.69		A	1.4
9	☐	1.000		4392398.84		A	0.8

103 Rh (ISTD) [He]

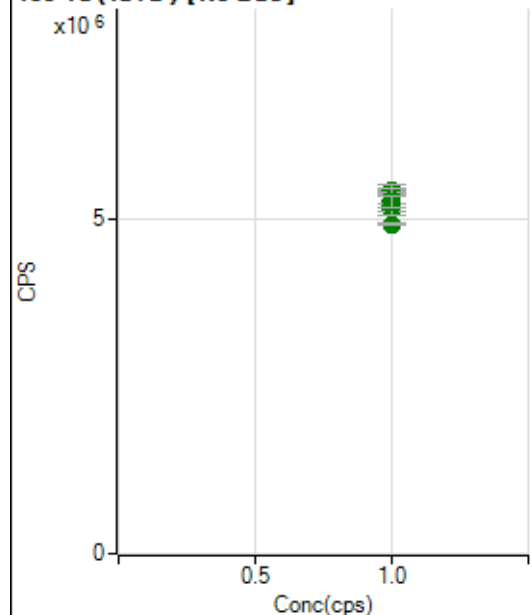
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2267512.02		A	0.6
2	☐	1.000					
3	☐	1.000		2240618.54		A	0.4
4	☐	1.000		2233941.70		A	1.4
5	☐	1.000		2204651.58		A	0.8
6	☐	1.000		2176693.52		A	1.7
7	☐	1.000		2170588.21		A	1.7
8	☐	1.000		2146646.03		A	0.3
9	☐	1.000		2104779.34		A	5.6

115 In (ISTD) [No Gas]

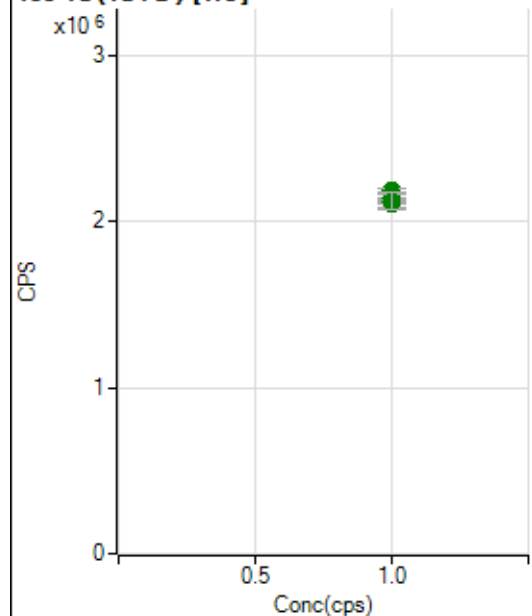
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4799594.43		A	1.8
2	☐	1.000					
3	☐	1.000		4825652.26		A	1.8
4	☐	1.000		4837135.20		A	1.1
5	☐	1.000		4957076.60		A	1.3
6	☐	1.000		4899477.92		A	0.6
7	☐	1.000		4783806.97		A	8.1
8	☐	1.000		4770844.72		A	1.4
9	☐	1.000		4478123.78		A	0.8

115 In (ISTD) [He]

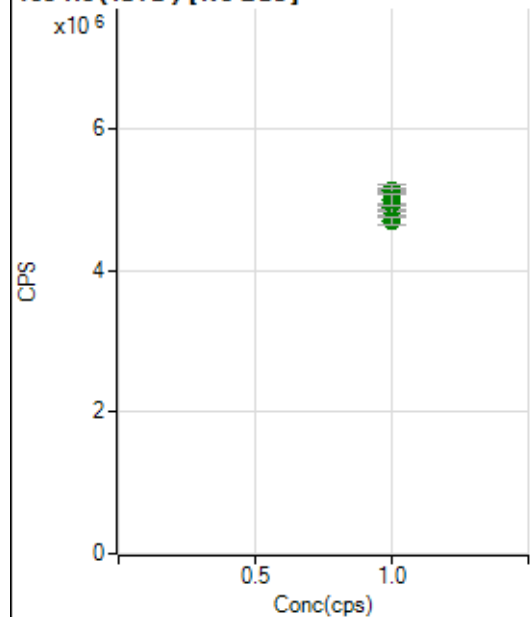
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		494976.60		P	0.9
2	☐	1.000					
3	☐	1.000		494977.05		P	0.4
4	☐	1.000		495184.36		P	0.8
5	☐	1.000		493408.11		P	0.6
6	☐	1.000		483241.36		P	0.7
7	☐	1.000		482691.80		P	1.6
8	☐	1.000		473682.57		P	1.3
9	☐	1.000		485111.87		P	5.8

159 Tb (ISTD) [No Gas]

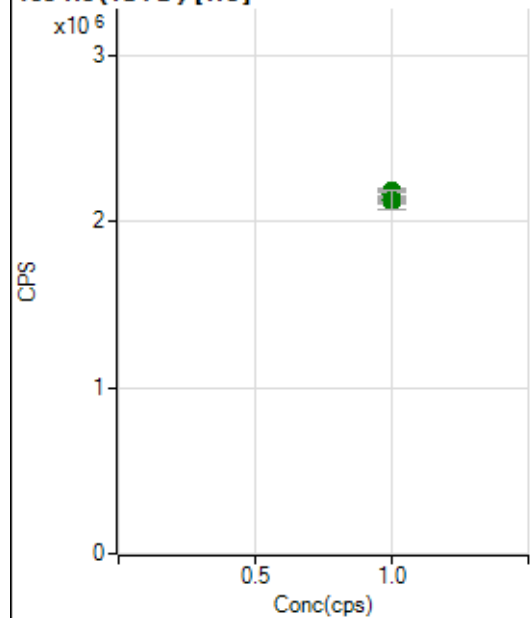
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5140616.66		A	1.4
2	☐	1.000					
3	☐	1.000		5190160.06		A	1.1
4	☐	1.000		5199596.31		A	1.4
5	☐	1.000		5391224.19		A	1.1
6	☐	1.000		5413457.07		A	1.1
7	☐	1.000		5286413.50		A	8.8
8	☐	1.000		5246973.01		A	3.1
9	☐	1.000		4918566.42		A	0.4

159 Tb (ISTD) [He]

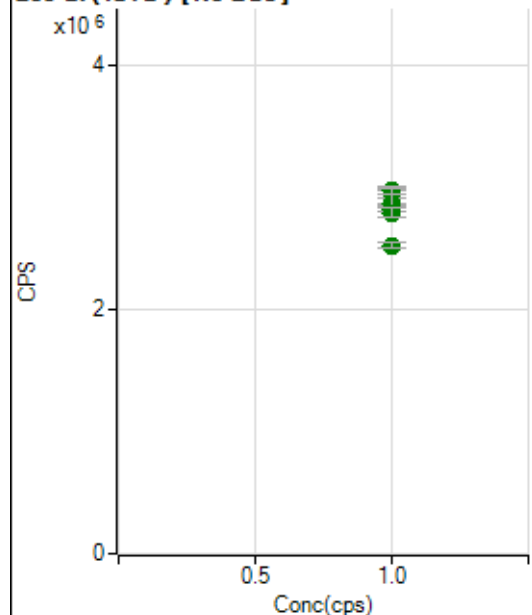
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2139990.85		A	0.3
2	☐	1.000					
3	☐	1.000		2103491.71		A	1.6
4	☐	1.000		2128997.40		A	0.7
5	☐	1.000		2185503.02		A	1.0
6	☐	1.000		2118047.80		A	1.4
7	☐	1.000		2146790.32		A	1.6
8	☐	1.000		2170129.69		A	0.8
9	☐	1.000		2125311.45		A	5.1

165 Ho (ISTD) [No Gas]

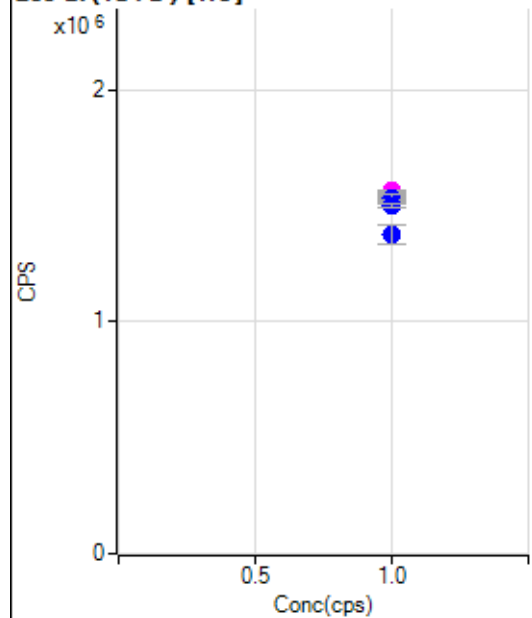
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4878081.10		A	1.6
2	☐	1.000					
3	☐	1.000		4850451.72		A	0.7
4	☐	1.000		4927347.73		A	0.2
5	☐	1.000		5106841.21		A	0.4
6	☐	1.000		5120677.59		A	1.5
7	☐	1.000		4990393.43		A	8.5
8	☐	1.000		4998250.24		A	3.3
9	☐	1.000		4702374.97		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2165269.17		A	2.3
2	☐	1.000					
3	☐	1.000		2118575.64		A	1.0
4	☐	1.000		2135285.54		A	0.7
5	☐	1.000		2180423.56		A	2.0
6	☐	1.000		2135080.37		A	1.3
7	☐	1.000		2162162.88		A	1.3
8	☐	1.000		2186145.89		A	0.9
9	☐	1.000		2129795.24		A	5.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2822585.58		A	1.1
2	☐	1.000					
3	☐	1.000		2846355.51		A	1.1
4	☐	1.000		2861643.11		A	0.6
5	☐	1.000		2944317.11		A	2.2
6	☐	1.000		2970982.77		A	2.0
7	☐	1.000		2873480.74		A	8.3
8	☐	1.000		2792415.03		A	2.7
9	☐	1.000		2526538.12		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1517674.58		P	1.2
2	☐	1.000					
3	☐	1.000		1518744.58		P	0.6
4	☐	1.000		1534811.54		P	0.4
5	☐	1.000		1564201.36		M	0.5
6	☐	1.000		1532159.85		P	0.8
7	☐	1.000		1536404.51		P	1.5
8	☐	1.000		1501143.90		P	1.5
9	☐	1.000		1376241.03		P	5.4

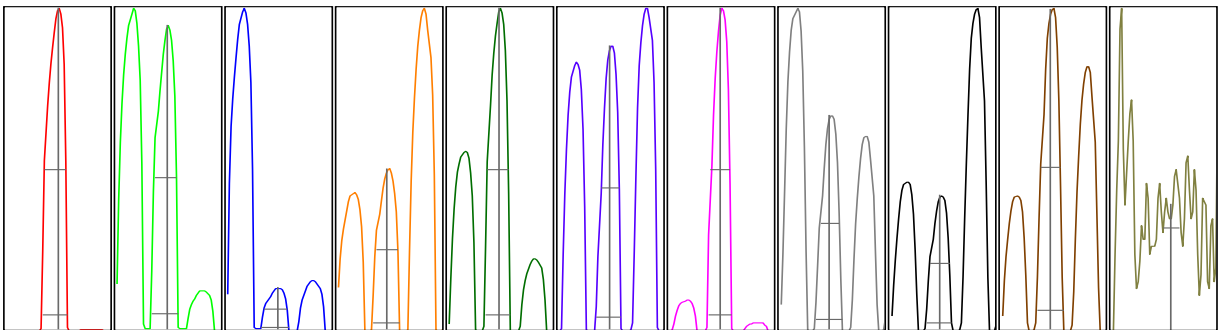
US EPA Tune Check Sample Report

Batch Folder D:\P8020119 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6271	1.49	5.00	
24	76941	1.02	5.00	
25	10476	1.44	5.00	
26	11998	1.51	5.00	
59	56906	1.53	5.00	
113	5866	1.66	5.00	
115	69858	1.24	5.00	
206	11725	1.38	5.00	
207	10557	1.25	5.00	
208	25331	1.19	5.00	
220	2	16.85		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6232	6264	6241	6431	6187
24	77067	76121	76585	78200	76734
25	10448	10392	10371	10740	10429
26	12052	11870	11869	12292	11905
59	56460	56530	56570	58466	56503
113	5843	5839	5763	6027	5859
115	69461	70054	68970	71245	69562
206	11645	11771	11634	11988	11587
207	10439	10463	10501	10754	10627
208	24973	25314	25199	25794	25373
220	1	1	2	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11071	9.05	8.9 - 9.1		0.737	0.900	
24	130585	24.00	23.9 - 24.1		0.782	0.900	
25	17297	25.00	24.9 - 25.1		0.788	0.900	
26	20263	25.95	25.9 - 26.1		0.784	0.900	
59	102291	59.00	58.9 - 59.1		0.737	0.900	
113	11287	113.00	112.9 - 113.1		0.716	0.900	
115	135323	115.00	114.9 - 115.1		0.688	0.900	
206	21988	205.95	205.9 - 206.1		0.771	0.900	
207	19952	206.95	206.9 - 207.1		0.740	0.900	
208	47681	207.95	207.9 - 208.1		0.768	0.900	
220	2	220.25	-				

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	14.6	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12100	1.02	
89	5622	1.05	
205	10745	1.18	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12141	12069	11900	12211	12177
89	5638	5644	5526	5685	5616
205	10820	10662	10661	10933	10649

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	2.6	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 14:50:46 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	0.11	0.25	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	-0.01	0.00	N/A	ppb
Arsenic	75-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.02	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.21	-0.10	-0.11	0.00	N/A	ppb
Boron	11-1	0.09	-0.01	-0.08	0.00	N/A	ppb
Cadmium	111-1	0.08	0.04	-0.12	0.00	N/A	ppb
Cadmium	106-1	1.13	0.56	-1.69	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.02	0.01	0.00	N/A	ppb
Calcium	43-1	-1.33	0.19	1.14	0.00	N/A	ppb
Calcium	44-1	-1.99	2.05	-0.05	0.00	N/A	ppb
Chromium	52-2	-0.05	0.01	0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	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	0.21	-0.19	-0.02	0.00	N/A	ppb
Iron	57-2	0.42	1.03	-1.44	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.27	-0.50	0.22	0.00	N/A	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:50:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.04	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-23.26	-23.30	-50.07	-32.21		ppb
Potassium	39-2	-1.28	2.90	-1.63	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	-0.80	-0.20	0.99	0.00	N/A	ppb
Selenium	82-1	0.26	0.78	-1.04	0.00	N/A	ppb
Silicon	28-1	-0.71	0.00	0.71	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	-1.55	1.83	-0.28	0.00	N/A	ppb
Strontium	86-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-229.78	122.36	187.68	26.75	839.32	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.04	-0.03	0.07	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.09	-0.11	0.02	0.00	N/A	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:50:46	DataFile Name :	003CALB.d

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

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:58:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.84	16.64	18.03	17.17	4.36	ppb
Antimony	121-1	1.77	1.81	1.67	1.75	4.06	ppb
Arsenic	75-1	0.84	0.92	0.77	0.84	9.00	ppb
Barium	135-1	9.30	9.09	9.55	9.31	2.50	ppb
Barium	137-1	9.67	9.31	9.41	9.46	1.97	ppb
Beryllium	9-1	0.96	0.96	0.95	0.95	0.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	22.48	25.19	22.42	23.36	6.78	ppb
Boron	11-1	22.06	23.00	23.29	22.78	2.82	ppb
Cadmium	111-1	0.86	0.80	0.97	0.87	9.99	ppb
Cadmium	106-1	0.65	1.37	2.45	1.49	60.90	ppb
Cadmium	108-1	0.85	0.90	1.44	1.07	30.77	ppb
Calcium	43-1	442.99	448.12	441.56	444.22	0.78	ppb
Calcium	44-1	435.99	437.78	438.91	437.56	0.34	ppb
Chromium	52-2	1.79	1.98	1.86	1.88	4.87	ppb
Cobalt	59-2	0.97	0.89	0.92	0.93	4.45	ppb
Copper	63-2	1.99	1.91	1.91	1.94	2.56	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				99		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	52.66	53.82	53.76	53.41	1.23	ppb
Iron	57-2	56.45	54.60	61.58	57.54	6.28	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.91	0.87	0.91	4.48	ppb
Lead	207-1	0.92	0.87	0.92	0.90	3.31	ppb
Lead	208-1	0.93	0.89	0.86	0.89	4.04	ppb
Lithium	6-1				99		%
Magnesium	24-2	500.03	475.68	501.64	492.45	2.95	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:58:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.20	0.91	1.10	1.07	13.65	ppb
Molybdenum	94-1	4.70	4.48	4.49	4.56	2.74	ppb
Molybdenum	95-1	4.63	4.55	4.52	4.57	1.21	ppb
Molybdenum	96-1	4.41	4.45	4.39	4.42	0.65	ppb
Molybdenum	97-1	4.47	4.45	4.54	4.49	1.00	ppb
Molybdenum	98-1	4.49	4.56	4.49	4.51	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.22	1.22	1.17	6.52	ppb
Phosphorus	31-2	22.91	17.18	56.54	32.21	66.01	ppb
Potassium	39-2	472.11	484.88	451.54	469.51	3.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	7.44	3.72	11.11	7.42	49.79	ppb
Selenium	78-2	6.06	3.07	4.54	4.56	32.78	ppb
Selenium	82-1	5.55	5.61	5.13	5.43	4.86	ppb
Silicon	28-1	8.71	9.15	8.69	8.85	2.94	ppb
Silver	109-1	0.97	0.96	0.97	0.97	0.69	ppb
Silver	107-1	0.97	0.94	0.99	0.97	2.80	ppb
Sodium	23-2	485.22	498.88	481.84	488.64	1.85	ppb
Strontium	86-1	0.72	0.65	0.75	0.71	7.18	ppb
Strontium	88-1	0.79	0.78	0.81	0.79	2.33	ppb
Sulfur	34-1	-293.53	33.12	180.15	-26.75		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.82	0.84	0.87	0.85	2.88	ppb
Thallium	205-1	0.89	0.85	0.89	0.88	2.32	ppb
Tin	118-1	4.88	4.62	4.75	4.75	2.73	ppb
Titanium	47-1	4.48	4.44	4.48	4.46	0.50	ppb
Uranium	238-1	0.90	0.87	0.88	0.88	1.46	ppb
Vanadium	51-2	4.64	5.07	5.00	4.90	4.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.23	2.40	2.56	2.39	7.05	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:58:10	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	0.95	0.87	0.92	4.33	ppb
Zirconium	91-1	0.83	0.97	0.81	0.87	9.99	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:02:02 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1033.48	986.78	1015.80	1012.02	2.33	ppb
Antimony	121-1	49.24	48.39	48.41	48.68	0.99	ppb
Arsenic	75-1	46.90	48.98	47.60	47.83	2.21	ppb
Barium	135-1	243.92	242.95	245.18	244.02	0.46	ppb
Barium	137-1	247.98	239.40	243.53	243.64	1.76	ppb
Beryllium	9-1	48.71	49.77	49.40	49.29	1.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	46.72	48.93	48.13	47.93	2.33	ppb
Boron	11-1	46.93	46.65	48.05	47.21	1.57	ppb
Cadmium	111-1	50.12	49.69	49.39	49.73	0.74	ppb
Cadmium	106-1	50.31	54.36	47.17	50.62	7.12	ppb
Cadmium	108-1	50.07	46.53	49.23	48.61	3.80	ppb
Calcium	43-1	4697.38	4757.08	4708.32	4720.93	0.67	ppb
Calcium	44-1	4787.82	4849.05	4792.61	4809.83	0.71	ppb
Chromium	52-2	51.38	49.33	50.37	50.36	2.03	ppb
Cobalt	59-2	51.76	50.98	50.81	51.18	0.99	ppb
Copper	63-2	107.42	104.54	104.76	105.57	1.52	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				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2757.26	2676.43	2684.32	2706.01	1.65	ppb
Iron	57-2	2698.28	2638.90	2613.15	2650.11	1.65	ppb
Krypton	83-1						cps
Lead	206-1	48.19	46.59	48.41	47.73	2.08	ppb
Lead	207-1	47.53	46.18	48.42	47.38	2.39	ppb
Lead	208-1	48.06	46.88	48.33	47.75	1.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	5377.62	5200.80	5232.82	5270.41	1.79	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:02:02	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.71	101.14	103.00	102.28	0.98	ppb
Molybdenum	94-1	248.55	237.17	243.72	243.15	2.35	ppb
Molybdenum	95-1	247.23	237.50	243.92	242.88	2.04	ppb
Molybdenum	96-1	245.68	240.12	245.44	243.75	1.29	ppb
Molybdenum	97-1	242.49	238.75	240.43	240.55	0.78	ppb
Molybdenum	98-1	254.88	245.27	245.74	248.63	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.77	52.25	52.01	52.68	1.81	ppb
Phosphorus	31-2	1010.45	958.27	968.23	978.98	2.83	ppb
Potassium	39-2	2535.99	2475.47	2483.13	2498.19	1.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	63.06	44.12	48.58	51.92	19.07	ppb
Selenium	78-2	41.72	49.30	56.43	49.15	14.97	ppb
Selenium	82-1	50.19	50.47	49.50	50.05	1.00	ppb
Silicon	28-1	61.23	64.90	64.03	63.39	3.03	ppb
Silver	109-1	51.02	49.36	49.74	50.04	1.75	ppb
Silver	107-1	50.55	50.35	49.21	50.04	1.44	ppb
Sodium	23-2	5325.06	5144.67	5201.62	5223.78	1.77	ppb
Strontium	86-1	49.20	47.60	48.60	48.47	1.66	ppb
Strontium	88-1	50.04	49.35	49.82	49.74	0.71	ppb
Sulfur	34-1	1054.37	1443.30	1090.23	1195.97	17.97	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	47.09	45.97	47.33	46.80	1.54	ppb
Thallium	205-1	48.07	47.32	48.64	48.01	1.37	ppb
Tin	118-1	49.99	48.42	48.71	49.04	1.70	ppb
Titanium	47-1	244.29	244.63	242.32	243.75	0.51	ppb
Uranium	238-1	47.03	46.70	47.59	47.11	0.95	ppb
Vanadium	51-2	50.99	49.41	49.69	50.03	1.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	107.78	103.70	105.23	105.57	1.95	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:02:02	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.38	47.90	48.87	48.72	1.55	ppb
Zirconium	91-1	48.32	46.08	47.30	47.23	2.37	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:05:52 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2471.97	2447.12	2394.66	2437.92	1.62	ppb
Antimony	121-1	118.29	121.88	118.93	119.70	1.60	ppb
Arsenic	75-1	117.70	120.11	120.37	119.39	1.23	ppb
Barium	135-1	597.56	612.45	601.13	603.71	1.29	ppb
Barium	137-1	595.75	625.49	608.12	609.79	2.45	ppb
Beryllium	9-1	118.85	123.12	120.77	120.91	1.77	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	117.42	123.40	122.57	121.13	2.68	ppb
Boron	11-1	115.35	120.42	119.06	118.28	2.22	ppb
Cadmium	111-1	118.12	122.59	119.65	120.12	1.89	ppb
Cadmium	106-1	117.02	124.41	117.51	119.65	3.46	ppb
Cadmium	108-1	119.00	123.33	127.82	123.38	3.57	ppb
Calcium	43-1	11438.19	11880.55	11911.36	11743.37	2.25	ppb
Calcium	44-1	11572.67	11890.76	12052.98	11838.80	2.06	ppb
Chromium	52-2	122.28	122.87	120.66	121.94	0.94	ppb
Cobalt	59-2	126.79	124.84	123.49	125.04	1.33	ppb
Copper	63-2	257.08	256.94	253.02	255.68	0.90	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				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	6497.96	6477.74	6416.35	6464.02	0.66	ppb
Iron	57-2	6494.07	6393.89	6417.44	6435.13	0.81	ppb
Krypton	83-1						cps
Lead	206-1	115.85	121.16	120.77	119.26	2.48	ppb
Lead	207-1	114.84	120.66	120.37	118.62	2.76	ppb
Lead	208-1	116.34	121.09	120.37	119.27	2.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	12954.45	12909.02	12588.97	12817.48	1.55	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:05:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	252.18	249.50	245.92	249.20	1.26	ppb
Molybdenum	94-1	610.19	602.54	613.12	608.62	0.90	ppb
Molybdenum	95-1	606.68	609.14	629.22	615.02	2.01	ppb
Molybdenum	96-1	604.19	611.46	626.42	614.03	1.85	ppb
Molybdenum	97-1	593.64	593.05	617.06	601.25	2.28	ppb
Molybdenum	98-1	595.54	601.82	616.71	604.69	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.21	127.88	127.00	128.03	0.87	ppb
Phosphorus	31-2	2349.82	2415.34	2421.26	2395.47	1.66	ppb
Potassium	39-2	6168.00	6175.19	6085.15	6142.78	0.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	147.58	104.14	103.55	118.42	21.32	ppb
Selenium	78-2	128.00	122.93	119.96	123.63	3.29	ppb
Selenium	82-1	122.07	123.67	124.81	123.52	1.11	ppb
Silicon	28-1	126.34	134.86	137.70	132.97	4.45	ppb
Silver	109-1	121.03	123.41	123.35	122.60	1.11	ppb
Silver	107-1	119.86	123.74	121.51	121.70	1.60	ppb
Sodium	23-2	13002.66	12766.56	12854.62	12874.61	0.93	ppb
Strontium	86-1	117.95	120.17	120.20	119.44	1.08	ppb
Strontium	88-1	121.21	124.24	125.14	123.53	1.67	ppb
Sulfur	34-1	2180.68	2895.36	2974.85	2683.63	16.30	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	113.04	121.11	119.65	117.93	3.65	ppb
Thallium	205-1	117.83	122.63	124.12	121.53	2.71	ppb
Tin	118-1	117.58	120.86	119.73	119.39	1.40	ppb
Titanium	47-1	588.56	613.39	610.52	604.16	2.25	ppb
Uranium	238-1	115.20	121.13	119.68	118.67	2.60	ppb
Vanadium	51-2	123.09	123.60	121.87	122.86	0.72	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	258.70	262.00	249.64	256.78	2.49	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:05:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	120.81	123.12	122.63	122.19	0.99	ppb
Zirconium	91-1	114.88	118.29	118.54	117.24	1.75	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:09:35	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5057.61	5004.84	4984.42	5015.62	0.75	ppb
Antimony	121-1	242.17	249.22	239.51	243.63	2.06	ppb
Arsenic	75-1	241.83	245.21	242.35	243.13	0.75	ppb
Barium	135-1	1211.08	1256.54	1208.72	1225.45	2.20	ppb
Barium	137-1	1210.40	1238.15	1214.58	1221.04	1.22	ppb
Beryllium	9-1	245.45	242.37	242.14	243.32	0.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	244.09	244.86	249.86	246.27	1.27	ppb
Boron	11-1	240.83	239.47	241.66	240.65	0.46	ppb
Cadmium	111-1	241.37	241.75	237.62	240.25	0.95	ppb
Cadmium	106-1	239.75	242.13	239.52	240.47	0.60	ppb
Cadmium	108-1	238.81	245.04	240.82	241.56	1.32	ppb
Calcium	43-1	23591.62	23859.01	23539.88	23663.50	0.72	ppb
Calcium	44-1	23432.02	23644.21	23536.91	23537.71	0.45	ppb
Chromium	52-2	252.47	248.55	247.75	249.59	1.01	ppb
Cobalt	59-2	257.99	253.01	251.74	254.25	1.30	ppb
Copper	63-2	523.83	517.08	517.61	519.51	0.72	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				99		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	13323.20	13265.80	13112.75	13233.92	0.82	ppb
Iron	57-2	13219.11	13150.79	13078.42	13149.44	0.54	ppb
Krypton	83-1						cps
Lead	206-1	238.95	240.36	232.61	237.31	1.74	ppb
Lead	207-1	238.13	239.74	233.34	237.07	1.40	ppb
Lead	208-1	244.76	243.50	236.95	241.74	1.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	26716.40	26403.70	26206.68	26442.26	0.97	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:09:35	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	517.40	506.21	501.14	508.25	1.64	ppb
Molybdenum	94-1	1264.71	1231.85	1218.60	1238.39	1.92	ppb
Molybdenum	95-1	1275.67	1240.76	1225.10	1247.18	2.08	ppb
Molybdenum	96-1	1279.43	1208.24	1236.25	1241.31	2.89	ppb
Molybdenum	97-1	1298.14	1224.93	1239.48	1254.18	3.09	ppb
Molybdenum	98-1	1258.50	1215.35	1223.22	1232.36	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.97	256.96	258.34	259.76	1.43	ppb
Phosphorus	31-2	5183.14	5152.00	4566.48	4967.21	6.99	ppb
Potassium	39-2	12519.00	12406.70	12403.85	12443.18	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	203.98	259.03	192.03	218.35	16.36	ppb
Selenium	78-2	240.15	245.35	249.15	244.88	1.85	ppb
Selenium	82-1	251.93	243.12	245.17	246.74	1.87	ppb
Silicon	28-1	259.64	269.46	255.40	261.50	2.76	ppb
Silver	109-1	246.68	249.69	244.05	246.81	1.14	ppb
Silver	107-1	247.08	250.33	245.52	247.64	0.99	ppb
Sodium	23-2	26167.09	25726.90	25704.06	25866.01	1.01	ppb
Strontium	86-1	243.38	239.16	240.94	241.16	0.88	ppb
Strontium	88-1	245.43	247.12	239.47	244.01	1.65	ppb
Sulfur	34-1	5650.64	5863.28	5120.79	5544.90	6.90	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	239.20	238.46	229.20	235.62	2.36	ppb
Thallium	205-1	246.96	247.07	237.18	243.74	2.33	ppb
Tin	118-1	238.61	245.67	236.87	240.39	1.94	ppb
Titanium	47-1	1226.70	1256.80	1252.89	1245.46	1.31	ppb
Uranium	238-1	247.66	242.35	241.88	243.97	1.32	ppb
Vanadium	51-2	254.59	248.25	248.11	250.31	1.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	516.03	512.32	505.32	511.22	1.06	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:09:35	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	251.30	243.62	247.35	247.42	1.55	ppb
Zirconium	91-1	243.70	236.50	236.73	238.98	1.71	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:13:12	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10048.98	9905.85	9734.02	9896.29	1.59	ppb
Antimony	121-1	559.61	481.97	462.31	501.30	10.26	ppb
Arsenic	75-1	557.71	487.75	474.39	506.62	8.83	ppb
Barium	135-1	2747.65	2423.15	2316.57	2495.79	9.00	ppb
Barium	137-1	2771.15	2433.53	2312.79	2505.83	9.48	ppb
Beryllium	9-1	550.65	480.31	472.17	501.04	8.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	545.67	493.51	485.83	508.33	6.41	ppb
Boron	11-1	538.92	481.80	465.96	495.56	7.74	ppb
Cadmium	111-1	551.59	472.31	455.62	493.17	10.40	ppb
Cadmium	106-1	557.83	479.26	456.69	497.92	10.66	ppb
Cadmium	108-1	555.32	480.70	463.05	499.69	9.80	ppb
Calcium	43-1	54185.49	48423.35	45991.84	49533.56	8.50	ppb
Calcium	44-1	53779.33	47575.72	45635.75	48996.93	8.68	ppb
Chromium	52-2	508.83	492.08	482.09	494.34	2.73	ppb
Cobalt	59-2	518.82	502.95	500.13	507.30	1.99	ppb
Copper	63-2	1054.99	1036.88	1000.31	1030.73	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	26310.14	26351.07	25429.66	26030.29	2.00	ppb
Iron	57-2	26464.44	26102.70	25248.98	25938.71	2.41	ppb
Krypton	83-1						cps
Lead	206-1	560.18	478.91	462.63	500.57	10.44	ppb
Lead	207-1	545.18	470.76	458.29	491.41	9.56	ppb
Lead	208-1	560.77	481.45	464.31	502.18	10.25	ppb
Lithium	6-1				97		%
Magnesium	24-2	52591.36	51469.47	50633.70	51564.85	1.90	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:13:12	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1023.60	1003.21	978.45	1001.75	2.26	ppb
Molybdenum	94-1	2801.56	2456.04	2313.58	2523.73	9.94	ppb
Molybdenum	95-1	2808.25	2468.05	2353.02	2543.10	9.31	ppb
Molybdenum	96-1	2789.95	2487.18	2328.25	2535.13	9.25	ppb
Molybdenum	97-1	2833.87	2451.96	2328.69	2538.17	10.38	ppb
Molybdenum	98-1	2789.47	2428.83	2318.59	2512.29	9.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.63	509.26	496.02	508.97	2.52	ppb
Phosphorus	31-2	9991.98	9856.57	9495.88	9781.47	2.62	ppb
Potassium	39-2	25167.40	24631.78	24297.78	24698.98	1.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	423.39	458.75	494.36	458.84	7.73	ppb
Selenium	78-2	513.40	484.15	463.81	487.12	5.12	ppb
Selenium	82-1	558.68	489.23	467.82	505.24	9.40	ppb
Silicon	28-1	595.06	507.48	488.58	530.37	10.71	ppb
Silver	109-1	562.66	483.07	470.61	505.45	9.88	ppb
Silver	107-1	565.10	485.15	464.64	504.96	10.51	ppb
Sodium	23-2	51551.72	50626.63	50088.00	50755.45	1.46	ppb
Strontium	86-1	551.31	476.58	461.29	496.40	9.70	ppb
Strontium	88-1	568.68	488.91	467.69	508.42	10.47	ppb
Sulfur	34-1	13205.91	8380.80	10724.09	10770.26	22.40	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	554.44	483.43	478.43	505.43	8.41	ppb
Thallium	205-1	554.73	486.60	468.27	503.20	9.05	ppb
Tin	118-1	562.67	484.36	464.50	503.84	10.30	ppb
Titanium	47-1	2835.81	2485.00	2390.58	2570.47	9.13	ppb
Uranium	238-1	565.66	482.32	472.83	506.93	10.08	ppb
Vanadium	51-2	502.05	499.25	487.76	496.35	1.53	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1036.41	1015.32	1000.34	1017.36	1.78	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:13:12	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	559.24	485.81	468.24	504.43	9.57	ppb
Zirconium	91-1	548.69	479.92	456.52	495.04	9.68	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:24:12	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20137.16	19801.05	19904.61	19947.60	0.86	ppb
Antimony	121-1	993.06	976.51	1035.44	1001.67	3.03	ppb
Arsenic	75-1	971.81	994.05	1031.80	999.22	3.04	ppb
Barium	135-1	4945.27	4860.61	5227.73	5011.20	3.84	ppb
Barium	137-1	4923.45	4873.77	5222.42	5006.55	3.77	ppb
Beryllium	9-1	983.68	981.35	1040.06	1001.70	3.32	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	977.19	979.89	1035.11	997.39	3.28	ppb
Boron	11-1	993.67	979.10	1044.00	1005.59	3.39	ppb
Cadmium	111-1	987.64	976.70	1055.08	1006.48	4.22	ppb
Cadmium	106-1	990.69	982.07	1039.42	1004.06	3.08	ppb
Cadmium	108-1	993.66	975.89	1038.06	1002.54	3.19	ppb
Calcium	43-1	94207.69	98513.07	100036.96	97585.90	3.10	ppb
Calcium	44-1	94484.33	96506.64	98652.82	96547.93	2.16	ppb
Chromium	52-2	1009.74	995.34	1004.82	1003.30	0.73	ppb
Cobalt	59-2	1007.19	982.36	996.13	995.22	1.25	ppb
Copper	63-2	2005.78	1977.76	1952.77	1978.77	1.34	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				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	52313.65	51243.10	51202.76	51586.50	1.22	ppb
Iron	57-2	52284.47	52621.32	52246.07	52383.95	0.39	ppb
Krypton	83-1						cps
Lead	206-1	974.58	989.45	1047.13	1003.72	3.82	ppb
Lead	207-1	973.40	1000.51	1051.46	1008.46	3.93	ppb
Lead	208-1	976.95	985.32	1043.14	1001.81	3.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	102627.28	101687.37	101316.97	101877.21	0.66	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:24:12	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2010.82	1998.78	1981.54	1997.05	0.74	ppb
Molybdenum	94-1	4909.61	4883.75	5186.93	4993.43	3.37	ppb
Molybdenum	95-1	4876.16	4897.19	5168.92	4980.76	3.28	ppb
Molybdenum	96-1	4889.25	4911.30	5158.34	4986.29	3.00	ppb
Molybdenum	97-1	4852.22	4894.21	5203.51	4983.31	3.85	ppb
Molybdenum	98-1	4857.44	4918.53	5226.64	5000.87	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1004.43	990.64	982.62	992.56	1.11	ppb
Phosphorus	31-2	20451.89	19590.41	20352.43	20131.58	2.34	ppb
Potassium	39-2	51698.42	50867.89	50266.62	50944.31	1.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	1009.53	1013.27	1064.83	1029.21	3.00	ppb
Selenium	78-2	1023.27	983.33	1017.20	1007.94	2.14	ppb
Selenium	82-1	975.42	987.08	1032.62	998.37	3.03	ppb
Silicon	28-1	950.43	967.42	1023.00	980.28	3.87	ppb
Silver	109-1	979.80	966.60	1048.72	998.37	4.42	ppb
Silver	107-1	991.37	973.26	1030.93	998.52	2.95	ppb
Sodium	23-2	101665.40	100316.16	99881.39	100620.98	0.92	ppb
Strontium	86-1	982.21	990.90	1041.25	1004.78	3.17	ppb
Strontium	88-1	984.28	983.67	1024.49	997.48	2.35	ppb
Sulfur	34-1	17899.49	19595.13	20843.05	19445.89	7.60	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	979.28	994.61	1031.87	1001.92	2.70	ppb
Thallium	205-1	983.34	986.00	1032.16	1000.50	2.74	ppb
Tin	118-1	980.77	971.52	1051.41	1001.23	4.36	ppb
Titanium	47-1	4864.75	4935.87	5105.85	4968.82	2.49	ppb
Uranium	238-1	985.76	972.23	1038.93	998.98	3.53	ppb
Vanadium	51-2	1026.26	991.23	988.55	1002.01	2.10	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	2009.95	1970.33	1981.88	1987.39	1.03	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:24:12	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	981.78	984.77	1029.98	998.84	2.70	ppb
Zirconium	91-1	1000.46	985.94	1032.62	1006.34	2.37	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:27:34 DataFile Name : 013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104198.67	102613.84	93252.00	100021.50	5.91	ppb
Antimony	121-1	1.22	1.27	1.31	1.26	3.76	ppb
Arsenic	75-1	1.39	1.39	1.26	1.35	5.33	ppb
Barium	135-1	0.68	0.61	0.54	0.61	11.42	ppb
Barium	137-1	0.60	0.62	0.59	0.61	2.36	ppb
Beryllium	9-1	0.15	0.11	0.13	0.13	17.07	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	14.48	15.79	14.09	14.79	6.02	ppb
Boron	11-1	15.20	14.49	13.37	14.35	6.42	ppb
Cadmium	111-1	0.15	0.14	0.14	0.14	4.79	ppb
Cadmium	106-1	1.53	1.74	1.47	1.58	9.05	ppb
Cadmium	108-1	0.02	0.38	0.09	0.16	117.15	ppb
Calcium	43-1	498651.47	502482.90	500719.78	500618.05	0.38	ppb
Calcium	44-1	496663.52	504297.68	501685.79	500882.33	0.77	ppb
Chromium	52-2	6.64	6.73	5.89	6.42	7.20	ppb
Cobalt	59-2	11.61	11.60	10.12	11.11	7.71	ppb
Copper	63-2	2.35	2.26	1.99	2.20	8.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	258873.83	258945.04	230787.82	249535.56	6.51	ppb
Iron	57-2	258917.21	260360.53	228894.47	249390.74	7.12	ppb
Krypton	83-1						cps
Lead	206-1	1.67	1.52	1.59	1.59	4.76	ppb
Lead	207-1	1.46	1.42	1.49	1.46	2.17	ppb
Lead	208-1	1.61	1.47	1.54	1.54	4.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	519693.69	511100.87	467361.43	499385.33	5.62	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:27:34	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.16	7.17	6.63	6.99	4.43	ppb
Molybdenum	94-1	2.00	1.94	1.74	1.89	6.96	ppb
Molybdenum	95-1	2.24	2.10	2.21	2.18	3.19	ppb
Molybdenum	96-1	2.35	2.29	2.43	2.36	3.08	ppb
Molybdenum	97-1	2.09	1.93	2.03	2.02	3.93	ppb
Molybdenum	98-1	2.02	1.94	2.05	2.00	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.46	12.26	10.96	11.89	6.83	ppb
Phosphorus	31-2	-23.53	-10.25	-20.20	-17.99		ppb
Potassium	39-2	258422.70	258404.81	232713.01	249846.84	5.94	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	77-2	5.64	1.84	0.00	2.49	115.24	ppb
Selenium	78-2	0.11	-0.51	-0.31	-0.24		ppb
Selenium	82-1	0.93	2.29	0.98	1.40	55.25	ppb
Silicon	28-1	55.18	59.20	58.29	57.56	3.66	ppb
Silver	109-1	0.16	0.13	0.14	0.14	9.75	ppb
Silver	107-1	0.11	0.14	0.16	0.14	18.60	ppb
Sodium	23-2	520734.79	510763.77	467737.55	499745.37	5.64	ppb
Strontium	86-1	3.74	3.60	3.57	3.64	2.38	ppb
Strontium	88-1	3.75	3.69	3.72	3.72	0.88	ppb
Sulfur	34-1	-1280.84	-1113.74	-1250.30	-1214.96		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.08	0.06	0.07	14.66	ppb
Thallium	205-1	0.08	0.07	0.09	0.08	7.43	ppb
Tin	118-1	0.45	0.43	0.49	0.46	5.70	ppb
Titanium	47-1	0.76	1.04	1.00	0.94	16.20	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	10.89	ppb
Vanadium	51-2	0.13	0.11	0.09	0.11	16.79	ppb
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	8.81	9.27	7.94	8.68	7.83	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:27:34	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.23	0.20	0.22	7.05	ppb
Zirconium	91-1	0.20	0.19	0.20	0.20	4.75	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:39:26 DataFile Name : 014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	554.30	544.91	511.44	536.88	4.20	ppb
Antimony	121-1	192.87	192.40	196.84	194.04	1.25	ppb
Arsenic	75-1	194.11	189.95	198.05	194.04	2.09	ppb
Barium	135-1	100.06	98.24	101.25	99.85	1.52	ppb
Barium	137-1	99.77	100.19	101.20	100.39	0.73	ppb
Beryllium	9-1	94.48	92.20	95.51	94.07	1.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	456.76	454.98	481.36	464.37	3.18	ppb
Boron	11-1	451.40	453.80	474.87	460.03	2.81	ppb
Cadmium	111-1	102.32	102.11	105.09	103.17	1.61	ppb
Cadmium	106-1	156.87	155.24	162.14	158.08	2.28	ppb
Cadmium	108-1	144.74	137.94	144.47	142.38	2.71	ppb
Calcium	43-1	2130.12	2066.93	2166.66	2121.24	2.38	ppb
Calcium	44-1	2055.60	2028.62	2120.13	2068.12	2.27	ppb
Chromium	52-2	98.36	96.96	90.98	95.43	4.10	ppb
Cobalt	59-2	100.88	100.54	94.30	98.57	3.76	ppb
Copper	63-2	102.67	102.71	96.38	100.59	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	1044.61	1030.71	965.90	1013.74	4.14	ppb
Iron	57-2	1035.77	1021.91	970.53	1009.41	3.41	ppb
Krypton	83-1						cps
Lead	206-1	199.80	194.32	208.57	200.89	3.58	ppb
Lead	207-1	190.31	187.21	199.44	192.32	3.30	ppb
Lead	208-1	195.48	191.88	203.85	197.07	3.12	ppb
Lithium	6-1				103		%
Magnesium	24-2	1215.64	1210.87	1137.94	1188.15	3.67	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:39:26	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.70	97.26	91.02	95.33	3.92	ppb
Molybdenum	94-1	2439.55	2414.26	2536.18	2463.33	2.61	ppb
Molybdenum	95-1	2381.02	2387.26	2469.79	2412.69	2.05	ppb
Molybdenum	96-1	2401.25	2394.10	2478.18	2424.51	1.92	ppb
Molybdenum	97-1	2403.41	2381.10	2474.02	2419.51	2.00	ppb
Molybdenum	98-1	2377.37	2369.95	2472.89	2406.74	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.54	102.94	97.27	101.25	3.42	ppb
Phosphorus	31-2	-36.82	-17.13	-37.68	-30.54		ppb
Potassium	39-2	2001.75	1968.54	1828.79	1933.03	4.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	187.03	187.31	189.93	188.09	0.85	ppb
Selenium	78-2	208.52	201.25	176.69	195.49	8.53	ppb
Selenium	82-1	196.56	194.66	199.58	196.93	1.26	ppb
Silicon	28-1	13.86	11.76	17.70	14.44	20.89	ppb
Silver	109-1	101.68	100.09	102.78	101.52	1.33	ppb
Silver	107-1	102.18	99.08	102.89	101.38	2.00	ppb
Sodium	23-2	2138.79	2101.24	1987.19	2075.74	3.80	ppb
Strontium	86-1	412.85	415.46	429.83	419.38	2.18	ppb
Strontium	88-1	428.04	424.26	443.73	432.01	2.39	ppb
Sulfur	34-1	-1464.21	-2193.33	-1722.13	-1793.22		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	197.48	191.82	205.65	198.32	3.51	ppb
Thallium	205-1	204.34	200.16	213.05	205.85	3.20	ppb
Tin	118-1	491.03	480.95	497.30	489.76	1.68	ppb
Titanium	47-1	2435.57	2395.63	2490.81	2440.67	1.96	ppb
Uranium	238-1	489.57	483.19	515.35	496.04	3.43	ppb
Vanadium	51-2	96.53	96.44	90.21	94.39	3.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	205.62	205.02	190.90	200.51	4.16	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:39:26	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.20	506.56	534.05	516.94	2.89	ppb
Zirconium	91-1	496.03	493.08	514.12	501.08	2.27	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:44:56 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.64	-1.49	-0.86	-1.33		ppb
Antimony	121-1	0.05	0.06	0.08	0.07	25.00	ppb
Arsenic	75-1	0.01	0.04	0.02	0.02	65.71	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	315.28	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	15.29	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	4.70	5.43	4.41	4.85	10.77	ppb
Boron	11-1	5.07	4.65	4.98	4.90	4.49	ppb
Cadmium	111-1	0.04	0.09	0.10	0.08	43.64	ppb
Cadmium	106-1	0.52	1.23	1.30	1.02	42.79	ppb
Cadmium	108-1	-0.09	-0.06	0.00	-0.05		ppb
Calcium	43-1	-1.82	-2.41	-3.82	-2.69		ppb
Calcium	44-1	6.79	6.35	3.73	5.62	29.44	ppb
Chromium	52-2	-0.05	0.04	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	73.80	ppb
Copper	63-2	0.05	0.04	0.03	0.04	22.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	-0.04	0.16	0.17	0.10	117.94	ppb
Iron	57-2	-0.42	-0.85	-1.25	-0.84		ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.05	0.06	12.40	ppb
Lead	207-1	0.09	0.08	0.07	0.08	13.08	ppb
Lead	208-1	0.06	0.06	0.06	0.06	6.33	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.02	0.32	1.48	0.59	132.61	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:44:56	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.00	-0.01	-0.02		ppb
Molybdenum	94-1	0.10	0.10	0.08	0.09	12.09	ppb
Molybdenum	95-1	0.16	0.11	0.10	0.12	23.73	ppb
Molybdenum	96-1	0.12	0.14	0.13	0.13	7.90	ppb
Molybdenum	97-1	0.11	0.12	0.09	0.11	13.94	ppb
Molybdenum	98-1	0.13	0.12	0.11	0.12	8.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.02	0.01	114.85	ppb
Phosphorus	31-2	-30.09	-36.83	-50.07	-39.00		ppb
Potassium	39-2	36.42	28.25	25.33	30.00	19.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	5.47	1.82	3.64	3.64	50.17	ppb
Selenium	78-2	0.36	-1.11	-1.11	-0.62		ppb
Selenium	82-1	0.22	0.34	0.64	0.40	55.07	ppb
Silicon	28-1	-3.70	-3.96	-5.56	-4.40		ppb
Silver	109-1	0.03	0.03	0.02	0.03	25.69	ppb
Silver	107-1	0.03	0.03	0.02	0.02	19.92	ppb
Sodium	23-2	64.30	55.79	63.07	61.05	7.53	ppb
Strontium	86-1	-0.07	-0.04	-0.07	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2543.54	-2613.04	-3002.74	-2719.77		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.03	0.01	0.02	61.16	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	16.58	ppb
Tin	118-1	-0.01	0.00	0.04	0.01	318.23	ppb
Titanium	47-1	-0.05	-0.01	-0.04	-0.03		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	160.56	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	0.12	-0.03	-0.05	0.01	681.95	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:44:56	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	145.25	ppb
Zirconium	91-1	-0.02	0.00	0.00	-0.01		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:48:26	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91690.84	90773.57	92685.48	91716.63	1.04	ppb
Antimony	121-1	1.04	1.25	1.18	1.16	9.16	ppb
Arsenic	75-1	1.70	1.66	1.81	1.72	4.61	ppb
Barium	135-1	1.38	1.58	1.52	1.49	7.09	ppb
Barium	137-1	1.52	1.43	1.48	1.48	3.06	ppb
Beryllium	9-1	0.27	0.29	0.25	0.27	8.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	3.71	4.14	4.12	3.99	6.19	ppb
Boron	11-1	4.41	4.52	4.21	4.38	3.57	ppb
Cadmium	111-1	0.45	0.27	0.39	0.37	25.50	ppb
Cadmium	106-1	-0.41	-0.09	0.86	0.12	543.11	ppb
Cadmium	108-1	9.16	11.13	9.38	9.89	10.91	ppb
Calcium	43-1	93344.71	94764.61	92483.07	93530.80	1.23	ppb
Calcium	44-1	91469.33	93389.59	92253.68	92370.87	1.05	ppb
Chromium	52-2	20.56	20.67	20.87	20.70	0.75	ppb
Cobalt	59-2	1.19	1.20	1.12	1.17	3.68	ppb
Copper	63-2	8.53	8.41	8.33	8.42	1.16	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				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	103025.66	102280.17	104862.96	103389.60	1.29	ppb
Iron	57-2	103071.14	102553.29	105742.26	103788.90	1.65	ppb
Krypton	83-1						cps
Lead	206-1	4.95	5.20	5.08	5.08	2.39	ppb
Lead	207-1	4.37	4.48	4.45	4.43	1.22	ppb
Lead	208-1	4.65	4.73	4.76	4.71	1.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	101427.16	101872.68	102938.23	102079.36	0.76	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:48:26	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.01	7.29	7.72	7.34	4.87	ppb
Molybdenum	94-1	1288.46	1322.29	1308.12	1306.29	1.30	ppb
Molybdenum	95-1	1813.31	1827.66	1835.79	1825.59	0.62	ppb
Molybdenum	96-1	1746.99	1798.78	1783.57	1776.45	1.50	ppb
Molybdenum	97-1	1812.84	1844.95	1838.83	1832.20	0.93	ppb
Molybdenum	98-1	1781.03	1828.25	1811.05	1806.78	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.54	5.45	5.60	5.53	1.34	ppb
Phosphorus	31-2	98473.06	98391.62	99471.20	98778.63	0.61	ppb
Potassium	39-2	99898.83	99219.91	101108.82	100075.85	0.96	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	3.74	0.00	3.77	2.50	86.61	ppb
Selenium	78-2	-1.10	0.43	-0.79	-0.49		ppb
Selenium	82-1	-0.44	-0.05	0.21	-0.09		ppb
Silicon	28-1	38.58	38.01	36.40	37.66	3.00	ppb
Silver	109-1	0.28	0.28	0.31	0.29	6.72	ppb
Silver	107-1	0.27	0.27	0.29	0.28	3.44	ppb
Sodium	23-2	102071.33	102014.67	103600.56	102562.19	0.88	ppb
Strontium	86-1	28.31	28.12	28.62	28.35	0.89	ppb
Strontium	88-1	29.08	29.15	29.58	29.27	0.93	ppb
Sulfur	34-1	103643.40	104156.51	102020.40	103273.44	1.08	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.03	0.04	0.05	40.48	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	21.93	ppb
Tin	118-1	0.10	0.11	0.12	0.11	9.53	ppb
Titanium	47-1	1914.35	1913.04	1929.83	1919.07	0.49	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	43.30	ppb
Vanadium	51-2	0.13	0.14	0.13	0.13	4.74	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	14.69	13.68	14.66	14.34	4.00	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:48:26	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.04	0.04	0.03	35.16	ppb
Zirconium	91-1	0.03	0.04	0.01	0.03	60.89	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:51:47	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86770.99	85762.54	84117.73	85550.42	1.57	ppb
Antimony	121-1	18.94	18.87	19.13	18.98	0.71	ppb
Arsenic	75-1	18.97	19.15	19.51	19.21	1.41	ppb
Barium	135-1	19.96	19.83	19.62	19.80	0.87	ppb
Barium	137-1	20.47	20.12	20.00	20.20	1.21	ppb
Beryllium	9-1	18.81	18.05	18.22	18.36	2.16	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	60.67	56.25	57.67	58.20	3.87	ppb
Boron	11-1	58.41	55.78	56.96	57.05	2.31	ppb
Cadmium	111-1	17.88	18.52	18.42	18.28	1.89	ppb
Cadmium	106-1	22.60	25.09	24.41	24.03	5.36	ppb
Cadmium	108-1	28.37	27.30	28.86	28.18	2.83	ppb
Calcium	43-1	90657.26	91785.02	91672.60	91371.63	0.68	ppb
Calcium	44-1	89809.08	89412.49	89750.88	89657.48	0.24	ppb
Chromium	52-2	38.95	37.98	38.00	38.31	1.45	ppb
Cobalt	59-2	20.45	20.45	20.17	20.35	0.79	ppb
Copper	63-2	27.69	28.33	27.02	27.68	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	98915.44	98615.98	97380.86	98304.09	0.83	ppb
Iron	57-2	100440.11	100912.02	97253.63	99535.25	2.00	ppb
Krypton	83-1						cps
Lead	206-1	24.17	23.89	24.18	24.08	0.68	ppb
Lead	207-1	22.29	21.99	22.18	22.15	0.68	ppb
Lead	208-1	22.98	22.82	22.87	22.89	0.36	ppb
Lithium	6-1				108		%
Magnesium	24-2	97848.83	97828.59	95182.99	96953.47	1.58	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:51:47	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.66	26.13	25.44	25.74	1.36	ppb
Molybdenum	94-1	1368.83	1375.22	1361.83	1368.63	0.49	ppb
Molybdenum	95-1	1786.25	1801.92	1772.78	1786.98	0.82	ppb
Molybdenum	96-1	1762.36	1748.31	1731.25	1747.30	0.89	ppb
Molybdenum	97-1	1800.62	1799.29	1794.57	1798.16	0.18	ppb
Molybdenum	98-1	1778.67	1760.50	1766.12	1768.43	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.39	24.26	24.01	24.22	0.80	ppb
Phosphorus	31-2	93832.43	94941.33	92519.74	93764.50	1.29	ppb
Potassium	39-2	94733.09	95411.71	92194.35	94113.05	1.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	23.54	14.35	23.17	20.35	25.57	ppb
Selenium	78-2	15.44	15.28	15.47	15.40	0.67	ppb
Selenium	82-1	18.24	18.78	19.72	18.91	3.97	ppb
Silicon	28-1	87.90	99.34	88.02	91.75	7.16	ppb
Silver	109-1	17.32	17.66	17.67	17.55	1.13	ppb
Silver	107-1	17.59	17.78	17.74	17.70	0.57	ppb
Sodium	23-2	98636.57	99137.14	95973.28	97915.66	1.74	ppb
Strontium	86-1	73.42	73.56	73.37	73.45	0.14	ppb
Strontium	88-1	77.65	77.35	77.32	77.44	0.24	ppb
Sulfur	34-1	98367.49	97108.02	97835.65	97770.39	0.65	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	18.56	18.64	18.25	18.49	1.12	ppb
Thallium	205-1	19.10	18.89	19.20	19.06	0.82	ppb
Tin	118-1	51.34	51.48	51.52	51.45	0.18	ppb
Titanium	47-1	1916.04	1889.83	1906.26	1904.04	0.70	ppb
Uranium	238-1	56.13	55.62	56.34	56.03	0.66	ppb
Vanadium	51-2	19.16	19.05	18.60	18.93	1.56	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	34.22	34.21	32.42	33.62	3.09	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:51:47	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	57.42	57.32	56.84	57.19	0.55	ppb
Zirconium	91-1	56.46	56.60	55.09	56.05	1.49	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:55:08	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54480.59	53907.45	54697.62	54361.88	0.75	ppb
Antimony	121-1	491.33	494.40	498.33	494.69	0.71	ppb
Arsenic	75-1	485.13	484.38	487.06	485.52	0.29	ppb
Barium	135-1	2513.82	2551.58	2535.14	2533.51	0.75	ppb
Barium	137-1	2477.73	2529.75	2553.92	2520.47	1.54	ppb
Beryllium	9-1	504.71	487.20	493.35	495.08	1.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	509.47	488.67	506.93	501.69	2.26	ppb
Boron	11-1	493.69	483.81	501.68	493.06	1.82	ppb
Cadmium	111-1	473.51	481.18	479.70	478.13	0.85	ppb
Cadmium	106-1	487.67	504.50	489.85	494.01	1.85	ppb
Cadmium	108-1	480.25	504.01	494.17	492.81	2.42	ppb
Calcium	43-1	237430.37	238188.57	238701.58	238106.84	0.27	ppb
Calcium	44-1	234572.80	234138.64	238160.75	235624.07	0.94	ppb
Chromium	52-2	512.13	510.16	510.86	511.05	0.20	ppb
Cobalt	59-2	516.09	512.00	516.38	514.82	0.48	ppb
Copper	63-2	1026.36	1016.82	1015.71	1019.63	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	129885.06	128499.40	129930.75	129438.40	0.63	ppb
Iron	57-2	130880.89	128226.03	128937.50	129348.14	1.06	ppb
Krypton	83-1						cps
Lead	206-1	505.01	512.86	514.19	510.69	0.97	ppb
Lead	207-1	503.51	494.13	498.43	498.69	0.94	ppb
Lead	208-1	511.61	510.82	513.83	512.09	0.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	261612.99	259952.24	260341.29	260635.50	0.33	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:55:08	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1032.07	1022.02	1020.69	1024.93	0.61	ppb
Molybdenum	94-1	2487.68	2522.65	2473.33	2494.55	1.02	ppb
Molybdenum	95-1	2434.57	2496.72	2470.73	2467.34	1.27	ppb
Molybdenum	96-1	2460.34	2511.04	2477.58	2482.99	1.04	ppb
Molybdenum	97-1	2443.11	2532.75	2433.81	2469.89	2.21	ppb
Molybdenum	98-1	2457.41	2514.22	2432.24	2467.96	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.23	506.44	508.16	510.95	1.25	ppb
Phosphorus	31-2	10508.35	10288.22	10156.30	10317.62	1.72	ppb
Potassium	39-2	128523.06	126125.22	126873.12	127173.80	0.96	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	481.42	501.89	551.07	511.46	7.00	ppb
Selenium	78-2	482.21	484.33	491.14	485.89	0.96	ppb
Selenium	82-1	492.79	506.85	496.59	498.74	1.46	ppb
Silicon	28-1	555.37	571.52	578.38	568.42	2.08	ppb
Silver	109-1	482.10	488.64	493.24	487.99	1.15	ppb
Silver	107-1	484.33	492.01	492.69	489.68	0.95	ppb
Sodium	23-2	255066.53	253580.17	254420.90	254355.87	0.29	ppb
Strontium	86-1	455.89	469.58	457.57	461.01	1.62	ppb
Strontium	88-1	469.43	484.42	468.21	474.02	1.90	ppb
Sulfur	34-1	9381.34	9618.02	9536.54	9511.97	1.26	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	506.14	509.93	520.04	512.04	1.40	ppb
Thallium	205-1	507.06	513.77	516.77	512.53	0.97	ppb
Tin	118-1	497.30	499.91	509.15	502.12	1.24	ppb
Titanium	47-1	2510.72	2495.45	2526.35	2510.84	0.62	ppb
Uranium	238-1	527.28	527.94	527.12	527.45	0.08	ppb
Vanadium	51-2	515.30	516.54	515.93	515.92	0.12	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	1028.53	1013.39	1009.51	1017.14	0.99	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:55:08	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	523.01	524.91	519.17	522.36	0.56	ppb
Zirconium	91-1	526.44	518.96	516.67	520.69	0.98	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 16:02:33 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.24	-0.26	0.95	0.15	469.62	ppb
Antimony	121-1	0.08	0.11	0.13	0.11	26.22	ppb
Arsenic	75-1	0.01	0.08	0.08	0.05	74.90	ppb
Barium	135-1	0.01	0.00	0.01	0.01	143.23	ppb
Barium	137-1	0.01	0.00	0.01	0.01	95.17	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	9.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	3.34	3.33	3.02	3.23	5.57	ppb
Boron	11-1	3.41	3.26	3.45	3.38	2.89	ppb
Cadmium	111-1	0.05	-0.03	-0.01	0.00	1948.69	ppb
Cadmium	106-1	0.61	-0.43	-0.24	-0.02		ppb
Cadmium	108-1	-0.13	-0.09	-0.06	-0.09		ppb
Calcium	43-1	-2.74	-4.28	-6.62	-4.55		ppb
Calcium	44-1	6.26	10.51	8.98	8.58	25.10	ppb
Chromium	52-2	0.12	0.04	0.06	0.07	58.30	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	821.78	ppb
Copper	63-2	0.13	0.08	0.10	0.10	24.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	0.89	1.15	1.13	1.06	13.58	ppb
Iron	57-2	1.42	1.18	-0.02	0.86	89.69	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.14	0.21	0.18	20.76	ppb
Lead	207-1	0.17	0.17	0.16	0.17	3.41	ppb
Lead	208-1	0.17	0.16	0.16	0.16	3.36	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.82	2.43	1.50	1.92	24.65	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:02:33	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.00	0.00	1546.67	ppb
Molybdenum	94-1	0.12	0.11	0.11	0.11	0.75	ppb
Molybdenum	95-1	0.20	0.16	0.13	0.17	23.01	ppb
Molybdenum	96-1	0.16	0.13	0.14	0.14	11.48	ppb
Molybdenum	97-1	0.14	0.15	0.11	0.13	13.21	ppb
Molybdenum	98-1	0.15	0.11	0.14	0.14	14.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.05	0.02	107.96	ppb
Phosphorus	31-2	-22.38	-8.76	-36.09	-22.41		ppb
Potassium	39-2	56.89	64.72	69.29	63.63	9.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	1.90	0.00	1.88	1.26	86.61	ppb
Selenium	78-2	0.13	-1.10	0.41	-0.19		ppb
Selenium	82-1	-0.02	0.01	0.02	0.00	381.77	ppb
Silicon	28-1	-6.33	-1.41	-2.02	-3.25		ppb
Silver	109-1	0.04	0.06	0.04	0.05	24.65	ppb
Silver	107-1	0.04	0.04	0.05	0.04	16.81	ppb
Sodium	23-2	99.74	91.58	96.17	95.83	4.27	ppb
Strontium	86-1	-0.03	-0.05	-0.09	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	55.69	ppb
Sulfur	34-1	-1564.47	-528.73	-512.82	-868.67		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.03	0.04	12.22	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	15.18	ppb
Tin	118-1	0.01	-0.02	0.00	0.00		ppb
Titanium	47-1	-0.05	0.00	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	36.97	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.05	-0.17	-0.07		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:02:33	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.01	0.01	94.91	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:06:02	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.14	20.70	23.71	20.18	18.89	ppb
Antimony	121-1	1.77	1.82	1.89	1.83	3.37	ppb
Arsenic	75-1	0.88	0.93	0.88	0.90	3.56	ppb
Barium	135-1	8.90	9.63	9.33	9.29	4.00	ppb
Barium	137-1	9.27	9.48	9.70	9.49	2.27	ppb
Beryllium	9-1	1.00	0.90	0.94	0.95	5.21	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	24.22	26.29	25.26	25.26	4.10	ppb
Boron	11-1	22.84	23.24	24.74	23.61	4.23	ppb
Cadmium	111-1	0.96	0.81	0.90	0.89	8.21	ppb
Cadmium	106-1	2.02	-0.40	1.68	1.10	119.49	ppb
Cadmium	108-1	0.91	1.05	1.13	1.03	10.59	ppb
Calcium	43-1	444.31	443.45	462.40	450.05	2.38	ppb
Calcium	44-1	447.35	457.97	458.81	454.71	1.41	ppb
Chromium	52-2	1.79	1.82	1.78	1.80	1.16	ppb
Cobalt	59-2	0.94	0.96	0.95	0.95	1.16	ppb
Copper	63-2	2.07	1.99	1.93	2.00	3.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	54.89	53.84	52.34	53.69	2.39	ppb
Iron	57-2	56.83	51.70	53.99	54.18	4.74	ppb
Krypton	83-1						cps
Lead	206-1	1.09	0.99	1.00	1.03	5.30	ppb
Lead	207-1	0.99	1.03	1.01	1.01	1.81	ppb
Lead	208-1	0.99	0.98	1.02	1.00	2.19	ppb
Lithium	6-1				107		%
Magnesium	24-2	503.23	484.69	485.70	491.20	2.12	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:06:02	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	0.94	1.07	1.04	8.11	ppb
Molybdenum	94-1	4.60	4.61	4.79	4.67	2.32	ppb
Molybdenum	95-1	4.61	4.51	4.85	4.66	3.77	ppb
Molybdenum	96-1	4.55	4.54	4.52	4.54	0.44	ppb
Molybdenum	97-1	4.34	4.33	4.46	4.38	1.72	ppb
Molybdenum	98-1	4.48	4.36	4.77	4.54	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.98	1.00	0.99	1.06	ppb
Phosphorus	31-2	22.65	2.55	2.08	9.09	129.14	ppb
Potassium	39-2	513.10	500.20	504.83	506.04	1.29	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	0.00	3.55	8.93	4.16	108.14	ppb
Selenium	78-2	4.35	5.71	5.76	5.27	15.21	ppb
Selenium	82-1	4.58	5.07	6.08	5.24	14.65	ppb
Silicon	28-1	5.67	6.32	8.31	6.77	20.36	ppb
Silver	109-1	0.98	1.01	1.09	1.03	5.49	ppb
Silver	107-1	1.01	1.01	1.03	1.02	1.33	ppb
Sodium	23-2	549.94	540.05	530.53	540.17	1.80	ppb
Strontium	86-1	0.74	0.88	0.75	0.79	9.69	ppb
Strontium	88-1	0.81	0.82	0.83	0.82	1.64	ppb
Sulfur	34-1	-1142.68	-1017.58	-950.53	-1036.93		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.87	0.92	0.95	0.91	4.55	ppb
Thallium	205-1	0.91	0.91	0.96	0.93	2.78	ppb
Tin	118-1	4.72	4.81	4.79	4.78	0.95	ppb
Titanium	47-1	4.75	4.67	4.87	4.77	2.16	ppb
Uranium	238-1	0.88	0.88	0.83	0.86	3.03	ppb
Vanadium	51-2	4.77	5.01	4.67	4.82	3.64	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	1.89	1.78	2.26	1.98	12.66	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:06:02	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.88	0.91	0.94	0.91	3.03	ppb
Zirconium	91-1	0.95	1.07	1.01	1.01	5.97	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:11:06	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	817.80	838.32	826.87	827.66	1.24	ppb
Antimony	121-1	33.00	32.86	33.00	32.95	0.24	ppb
Arsenic	75-1	29.57	29.67	30.31	29.85	1.35	ppb
Barium	135-1	656.99	649.92	661.70	656.20	0.90	ppb
Barium	137-1	672.45	664.04	667.95	668.15	0.63	ppb
Beryllium	9-1	7.65	7.70	7.56	7.64	0.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				109		%
Boron	10-1	1592.08	1616.17	1640.78	1616.35	1.51	ppb
Boron	11-1	1621.13	1632.84	1662.20	1638.72	1.29	ppb
Cadmium	111-1	43.00	43.32	43.26	43.19	0.40	ppb
Cadmium	106-1	36.64	38.95	37.40	37.66	3.13	ppb
Cadmium	108-1	38.17	39.87	40.74	39.59	3.30	ppb
Calcium	43-1	-6.08	-2.20	-4.71	-4.33		ppb
Calcium	44-1	5.21	2.98	7.79	5.32	45.20	ppb
Chromium	52-2	143.62	145.42	147.72	145.58	1.41	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	53.14	ppb
Copper	63-2	1486.97	1507.77	1530.38	1508.37	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				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	1410.00	1408.49	1413.29	1410.60	0.17	ppb
Iron	57-2	1369.83	1401.83	1388.66	1386.78	1.16	ppb
Krypton	83-1						cps
Lead	206-1	29.57	30.20	30.37	30.05	1.40	ppb
Lead	207-1	28.70	28.86	28.87	28.81	0.33	ppb
Lead	208-1	28.95	29.14	29.58	29.22	1.11	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.30	0.46	-1.52	-0.25		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:11:06	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	441.32	441.42	447.61	443.45	0.81	ppb
Molybdenum	94-1	60.45	61.06	62.49	61.33	1.71	ppb
Molybdenum	95-1	84.48	84.88	87.09	85.48	1.64	ppb
Molybdenum	96-1	81.31	81.99	84.43	82.58	1.99	ppb
Molybdenum	97-1	82.73	83.99	86.49	84.40	2.27	ppb
Molybdenum	98-1	85.18	84.67	88.35	86.07	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	436.37	439.98	440.57	438.98	0.52	ppb
Phosphorus	31-2	-36.86	-36.80	-36.67	-36.78		ppb
Potassium	39-2	35.00	19.72	39.24	31.32	32.79	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	67.45	95.72	69.41	77.53	20.36	ppb
Selenium	78-2	78.29	80.17	77.38	78.61	1.81	ppb
Selenium	82-1	77.29	77.65	78.79	77.91	1.00	ppb
Silicon	28-1	94.58	87.84	116.94	99.79	15.26	ppb
Silver	109-1	227.92	222.89	224.94	225.25	1.12	ppb
Silver	107-1	226.79	221.94	229.29	226.01	1.65	ppb
Sodium	23-2	92.35	93.34	88.98	91.56	2.49	ppb
Strontium	86-1	0.00	-0.01	-0.06	-0.02		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	32.44	ppb
Sulfur	34-1	-1684.08	-2125.14	-1724.23	-1844.48		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	8.75	9.28	9.01	9.02	2.97	ppb
Thallium	205-1	9.16	9.43	9.31	9.30	1.46	ppb
Tin	118-1	0.00	-0.03	-0.03	-0.02		ppb
Titanium	47-1	0.00	-0.04	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	647.25	651.67	655.59	651.51	0.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	702.81	714.98	713.12	710.30	0.92	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:11:06	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.08	0.05	0.06	24.17	ppb
Zirconium	91-1	0.05	0.04	0.08	0.06	37.25	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:14:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	839.83	834.66	813.87	829.45	1.66	ppb
Antimony	121-1	31.11	31.96	32.46	31.84	2.14	ppb
Arsenic	75-1	28.34	29.34	29.40	29.03	2.05	ppb
Barium	135-1	623.95	639.43	649.18	637.52	2.00	ppb
Barium	137-1	632.54	644.09	667.22	647.95	2.73	ppb
Beryllium	9-1	7.33	7.50	7.47	7.43	1.17	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	1571.47	1633.34	1653.39	1619.40	2.64	ppb
Boron	11-1	1600.00	1677.28	1643.43	1640.24	2.36	ppb
Cadmium	111-1	41.12	42.21	42.92	42.08	2.16	ppb
Cadmium	106-1	36.33	37.41	40.02	37.92	5.01	ppb
Cadmium	108-1	38.02	37.16	39.71	38.30	3.38	ppb
Calcium	43-1	-6.09	-4.66	-7.09	-5.95		ppb
Calcium	44-1	-0.10	-0.73	1.75	0.31	421.95	ppb
Chromium	52-2	150.79	149.32	146.19	148.77	1.58	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	50.16	ppb
Copper	63-2	1570.89	1531.26	1508.60	1536.91	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	1445.07	1431.08	1398.98	1425.04	1.66	ppb
Iron	57-2	1422.82	1364.03	1377.11	1387.99	2.22	ppb
Krypton	83-1						cps
Lead	206-1	29.12	29.55	29.14	29.27	0.83	ppb
Lead	207-1	27.53	28.43	28.23	28.06	1.69	ppb
Lead	208-1	28.06	29.01	28.88	28.65	1.80	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.81	-0.21	0.10	-0.31		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:14:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	460.38	453.57	445.62	453.19	1.63	ppb
Molybdenum	94-1	58.98	60.98	59.59	59.85	1.71	ppb
Molybdenum	95-1	82.46	85.52	83.76	83.91	1.83	ppb
Molybdenum	96-1	79.57	82.33	80.30	80.73	1.77	ppb
Molybdenum	97-1	81.79	84.14	82.41	82.78	1.47	ppb
Molybdenum	98-1	82.49	84.38	83.38	83.42	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	455.27	449.99	442.30	449.19	1.45	ppb
Phosphorus	31-2	-43.29	-50.07	-43.43	-45.60		ppb
Potassium	39-2	45.27	33.90	27.83	35.67	24.82	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	68.72	81.14	68.83	72.90	9.79	ppb
Selenium	78-2	80.19	81.39	70.92	77.50	7.39	ppb
Selenium	82-1	74.98	76.88	76.20	76.02	1.27	ppb
Silicon	28-1	102.26	88.83	86.06	92.38	9.38	ppb
Silver	109-1	214.97	217.49	226.34	219.60	2.72	ppb
Silver	107-1	213.94	219.08	225.97	219.67	2.75	ppb
Sodium	23-2	86.73	87.56	83.74	86.01	2.33	ppb
Strontium	86-1	-0.08	-0.08	-0.10	-0.09		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	30.28	ppb
Sulfur	34-1	-3799.19	-3933.78	-3841.10	-3858.02		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	8.51	8.83	8.94	8.76	2.54	ppb
Thallium	205-1	9.04	9.25	9.02	9.10	1.42	ppb
Tin	118-1	-0.02	-0.03	-0.02	-0.02		ppb
Titanium	47-1	-0.02	-0.02	-0.04	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	225.70	ppb
Vanadium	51-2	672.36	666.11	652.61	663.69	1.52	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	726.74	722.57	715.13	721.48	0.82	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:14:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.08	0.07	0.07	20.79	ppb
Zirconium	91-1	0.03	0.06	0.07	0.05	34.22	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : PB116587BL Instrumnet Name : P8
 Client Sample ID : PB116587BL Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 16:28:38 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.84	-1.54	-0.61	-0.44		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	156.19	ppb
Arsenic	75-1	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.02	-0.01	0.01	212.30	ppb
Barium	137-1	0.01	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	38.11	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	8.03	7.02	7.29	7.45	6.98	ppb
Boron	11-1	7.45	6.88	6.98	7.10	4.28	ppb
Cadmium	111-1	-0.10	-0.02	0.00	-0.04		ppb
Cadmium	106-1	-1.32	-0.34	-0.20	-0.62		ppb
Cadmium	108-1	-0.10	-0.06	-0.10	-0.08		ppb
Calcium	43-1	-7.30	-5.10	-4.63	-5.68		ppb
Calcium	44-1	1.76	1.85	2.50	2.04	19.90	ppb
Chromium	52-2	0.08	0.03	-0.04	0.02	251.33	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.07	0.09	0.07	38.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	-0.15	0.18	-0.16	-0.05		ppb
Iron	57-2	0.30	0.81	0.93	0.68	48.98	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.01	0.01	40.66	ppb
Lead	207-1	0.02	0.02	0.00	0.01	73.26	ppb
Lead	208-1	0.02	0.02	0.02	0.02	13.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.50	-0.92	-1.67	-1.03		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P8
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:28:38	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.04	-0.07	-0.04		ppb
Molybdenum	94-1	0.01	-0.02	0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.03	0.01	214.64	ppb
Molybdenum	97-1	0.00	-0.02	0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.05	0.07	0.06	16.63	ppb
Phosphorus	31-2	-43.24	-43.11	-36.40	-40.92		ppb
Potassium	39-2	14.87	26.75	10.51	17.38	48.38	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	9.34	0.00	0.00	3.11	173.21	ppb
Selenium	78-2	-0.80	-1.10	-0.50	-0.80		ppb
Selenium	82-1	1.09	0.42	0.51	0.67	53.80	ppb
Silicon	28-1	-2.25	-1.77	-1.39	-1.80		ppb
Silver	109-1	0.03	0.02	0.02	0.02	30.77	ppb
Silver	107-1	0.02	0.02	0.01	0.02	27.42	ppb
Sodium	23-2	38.46	44.04	36.86	39.79	9.48	ppb
Strontium	86-1	-0.15	-0.06	-0.06	-0.09		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1605.29	-1746.31	-1422.53	-1591.38		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.03	0.02	52.57	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	44.19	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	-0.02	-0.08	-0.05	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	403.07	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	0.19	0.10	0.10	82.98	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P8
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:28:38	DataFile Name :	024CCBE.d

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

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:32:07	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9836.78	9680.44	9667.79	9728.34	0.97	ppb
Antimony	121-1	486.56	476.28	493.55	485.47	1.79	ppb
Arsenic	75-1	478.04	476.43	477.72	477.39	0.18	ppb
Barium	135-1	2415.32	2386.61	2429.91	2410.61	0.91	ppb
Barium	137-1	2405.56	2378.95	2435.79	2406.77	1.18	ppb
Beryllium	9-1	475.28	470.87	470.00	472.05	0.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Boron	10-1	468.66	466.82	473.90	469.79	0.78	ppb
Boron	11-1	458.89	460.86	466.40	462.05	0.84	ppb
Cadmium	111-1	469.67	469.47	476.73	471.96	0.88	ppb
Cadmium	106-1	486.38	465.56	492.13	481.36	2.90	ppb
Cadmium	108-1	469.36	466.55	479.43	471.78	1.44	ppb
Calcium	43-1	47159.01	48110.33	47940.58	47736.64	1.06	ppb
Calcium	44-1	47526.80	46938.82	46815.85	47093.82	0.81	ppb
Chromium	52-2	486.04	481.59	481.24	482.96	0.55	ppb
Cobalt	59-2	511.22	496.71	490.56	499.50	2.12	ppb
Copper	63-2	1024.50	1010.34	1025.64	1020.16	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				112		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	25935.88	25423.21	25327.72	25562.27	1.28	ppb
Iron	57-2	25581.31	25272.39	25131.56	25328.42	0.91	ppb
Krypton	83-1						cps
Lead	206-1	487.82	493.30	495.54	492.22	0.81	ppb
Lead	207-1	478.88	476.72	493.58	483.06	1.90	ppb
Lead	208-1	484.03	485.42	497.20	488.88	1.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	51037.79	50335.52	49878.82	50417.38	1.16	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:32:07	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.17	972.72	977.23	979.04	0.76	ppb
Molybdenum	94-1	2426.52	2426.33	2440.39	2431.08	0.33	ppb
Molybdenum	95-1	2439.83	2419.58	2415.56	2424.99	0.54	ppb
Molybdenum	96-1	2421.55	2427.42	2404.92	2417.96	0.48	ppb
Molybdenum	97-1	2437.19	2440.39	2405.69	2427.76	0.79	ppb
Molybdenum	98-1	2448.21	2428.17	2408.10	2428.16	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.85	493.98	496.29	498.04	1.04	ppb
Phosphorus	31-2	9952.01	10198.14	10097.50	10082.55	1.23	ppb
Potassium	39-2	24364.38	24464.69	23930.55	24253.21	1.17	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	469.22	497.95	478.40	481.86	3.05	ppb
Selenium	78-2	477.40	460.95	469.69	469.35	1.75	ppb
Selenium	82-1	486.66	485.97	483.47	485.37	0.34	ppb
Silicon	28-1	504.66	507.80	503.35	505.27	0.45	ppb
Silver	109-1	480.25	482.11	487.61	483.33	0.79	ppb
Silver	107-1	483.57	479.73	482.21	481.84	0.40	ppb
Sodium	23-2	50723.11	49815.46	49196.49	49911.68	1.54	ppb
Strontium	86-1	468.69	471.31	482.62	474.21	1.56	ppb
Strontium	88-1	486.52	490.09	487.02	487.88	0.40	ppb
Sulfur	34-1	8749.75	8249.47	8270.94	8423.39	3.36	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	473.81	500.14	491.87	488.61	2.76	ppb
Thallium	205-1	485.53	500.01	492.56	492.70	1.47	ppb
Tin	118-1	480.81	482.07	496.51	486.47	1.79	ppb
Titanium	47-1	2416.55	2444.76	2406.78	2422.70	0.81	ppb
Uranium	238-1	475.01	478.78	493.45	482.41	2.02	ppb
Vanadium	51-2	493.85	485.94	484.08	487.96	1.06	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	1011.72	988.39	979.68	993.26	1.67	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:32:07	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	489.07	480.79	481.04	483.64	0.97	ppb
Zirconium	91-1	468.98	487.57	470.16	475.57	2.19	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116760BS	Instrumnet Name :	P8
Client Sample ID :	PB116760BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:35:23	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10238.91	10429.48	10033.35	10233.91	1.94	ppb
Antimony	121-1	506.18	506.81	505.00	505.99	0.18	ppb
Arsenic	75-1	500.08	506.79	498.40	501.76	0.88	ppb
Barium	135-1	2533.42	2554.52	2527.36	2538.43	0.56	ppb
Barium	137-1	2499.16	2517.14	2527.16	2514.49	0.56	ppb
Beryllium	9-1	491.82	490.02	499.07	493.64	0.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	486.14	486.88	522.99	498.67	4.22	ppb
Boron	11-1	481.58	483.39	526.94	497.31	5.16	ppb
Cadmium	111-1	485.38	495.44	496.12	492.31	1.22	ppb
Cadmium	106-1	497.65	506.28	502.38	502.10	0.86	ppb
Cadmium	108-1	501.04	493.73	511.68	502.15	1.80	ppb
Calcium	43-1	50252.11	50535.93	49403.07	50063.70	1.18	ppb
Calcium	44-1	48998.28	49719.41	49494.25	49403.98	0.75	ppb
Chromium	52-2	511.62	522.16	496.04	509.94	2.58	ppb
Cobalt	59-2	527.30	536.76	512.29	525.45	2.35	ppb
Copper	63-2	1061.34	1090.20	1047.23	1066.26	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	27269.51	27348.04	26511.40	27042.99	1.71	ppb
Iron	57-2	26898.51	27570.80	26298.09	26922.47	2.36	ppb
Krypton	83-1						cps
Lead	206-1	520.31	527.06	503.28	516.88	2.37	ppb
Lead	207-1	505.21	517.81	498.85	507.29	1.90	ppb
Lead	208-1	512.32	523.18	503.13	512.88	1.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	53954.08	55112.26	51086.89	53384.41	3.88	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116760BS	Instrumnet Name :	P8
Client Sample ID :	PB116760BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:35:23	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1041.42	1066.96	1010.27	1039.55	2.73	ppb
Molybdenum	94-1	2553.88	2594.06	2769.79	2639.24	4.35	ppb
Molybdenum	95-1	2563.03	2590.17	2816.29	2656.50	5.23	ppb
Molybdenum	96-1	2539.81	2573.58	2783.70	2632.36	5.02	ppb
Molybdenum	97-1	2554.78	2605.03	2750.12	2636.64	3.85	ppb
Molybdenum	98-1	2537.02	2606.74	2700.53	2614.76	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	529.12	537.61	513.55	526.76	2.32	ppb
Phosphorus	31-2	10798.83	10432.49	10099.78	10443.70	3.35	ppb
Potassium	39-2	25324.83	26414.24	25472.26	25737.11	2.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	467.87	519.20	503.15	496.74	5.29	ppb
Selenium	78-2	495.05	480.33	505.88	493.75	2.60	ppb
Selenium	82-1	506.16	516.31	504.43	508.97	1.26	ppb
Silicon	28-1	509.77	503.96	507.93	507.22	0.59	ppb
Silver	109-1	497.54	507.08	515.01	506.55	1.73	ppb
Silver	107-1	504.23	499.05	518.83	507.37	2.02	ppb
Sodium	23-2	52672.67	54032.72	51189.66	52631.68	2.70	ppb
Strontium	86-1	497.46	516.36	506.28	506.70	1.87	ppb
Strontium	88-1	510.78	524.12	514.59	516.50	1.33	ppb
Sulfur	34-1	9389.78	8668.04	9659.05	9238.96	5.55	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	516.88	523.97	501.01	513.95	2.29	ppb
Thallium	205-1	523.48	517.99	505.65	515.71	1.77	ppb
Tin	118-1	503.28	505.53	512.34	507.05	0.93	ppb
Titanium	47-1	2556.30	2582.49	2533.55	2557.45	0.96	ppb
Uranium	238-1	511.15	520.25	516.70	516.04	0.89	ppb
Vanadium	51-2	517.36	527.37	503.96	516.23	2.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1067.57	1064.74	1025.65	1052.65	2.23	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116760BS	Instrumnet Name :	P8
Client Sample ID :	PB116760BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:35:23	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.45	515.29	515.01	512.58	0.87	ppb
Zirconium	91-1	492.63	512.84	527.66	511.05	3.44	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:38:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.11	12.89	13.53	13.84	8.24	ppb
Antimony	121-1	0.33	0.31	0.33	0.32	4.08	ppb
Arsenic	75-1	0.22	0.33	0.34	0.29	22.64	ppb
Barium	135-1	26.11	25.08	25.83	25.67	2.08	ppb
Barium	137-1	26.18	26.42	26.13	26.24	0.59	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	28.60	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	22.27	21.53	21.01	21.60	2.93	ppb
Boron	11-1	22.07	21.44	20.09	21.20	4.78	ppb
Cadmium	111-1	0.02	0.05	-0.06	0.00	1173.96	ppb
Cadmium	106-1	-0.26	0.33	-1.05	-0.33		ppb
Cadmium	108-1	0.31	0.27	0.39	0.32	18.35	ppb
Calcium	43-1	16753.50	16466.47	16987.47	16735.81	1.56	ppb
Calcium	44-1	16992.73	16955.04	17279.93	17075.90	1.04	ppb
Chromium	52-2	0.26	0.23	0.30	0.26	13.02	ppb
Cobalt	59-2	0.06	0.05	0.06	0.05	9.77	ppb
Copper	63-2	285.50	281.70	284.30	283.84	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	13.36	13.55	13.14	13.35	1.55	ppb
Iron	57-2	12.38	15.50	18.77	15.55	20.54	ppb
Krypton	83-1						cps
Lead	206-1	0.69	0.73	0.65	0.69	5.38	ppb
Lead	207-1	0.69	0.67	0.66	0.67	2.28	ppb
Lead	208-1	0.69	0.67	0.66	0.67	2.70	ppb
Lithium	6-1				104		%
Magnesium	24-2	6181.19	6174.86	6133.23	6163.09	0.42	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:38:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.00	5.13	5.30	5.14	2.90	ppb
Molybdenum	94-1	0.35	0.35	0.37	0.36	3.88	ppb
Molybdenum	95-1	0.47	0.42	0.34	0.41	16.21	ppb
Molybdenum	96-1	0.44	0.34	0.49	0.42	17.87	ppb
Molybdenum	97-1	0.47	0.34	0.42	0.41	15.47	ppb
Molybdenum	98-1	0.44	0.35	0.40	0.40	10.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.22	12.00	12.01	12.08	1.04	ppb
Phosphorus	31-2	469.22	357.76	558.45	461.81	21.77	ppb
Potassium	39-2	1743.66	1723.46	1706.89	1724.67	1.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.00	1.85	0.00	0.62	173.21	ppb
Selenium	78-2	-0.21	0.08	-0.81	-0.31		ppb
Selenium	82-1	0.61	1.06	0.31	0.66	57.43	ppb
Silicon	28-1	2520.65	2425.46	2486.20	2477.44	1.95	ppb
Silver	109-1	0.07	0.08	0.08	0.08	5.21	ppb
Silver	107-1	0.10	0.10	0.07	0.09	18.87	ppb
Sodium	23-2	32545.44	32223.30	32278.91	32349.22	0.53	ppb
Strontium	86-1	47.30	46.08	46.71	46.70	1.31	ppb
Strontium	88-1	48.43	47.62	47.82	47.96	0.87	ppb
Sulfur	34-1	5008.05	4594.90	4761.80	4788.25	4.34	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.03	0.04	0.05	32.88	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	20.57	ppb
Tin	118-1	0.49	0.42	0.47	0.46	7.91	ppb
Titanium	47-1	0.57	0.38	0.37	0.44	24.96	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	12.56	ppb
Vanadium	51-2	0.06	0.11	0.07	0.08	32.39	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	1186.36	1173.31	1183.39	1181.02	0.58	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:38:39	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.03	0.03	23.01	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	47.35	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01DUP	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:42:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.59	15.02	13.74	15.12	9.43	ppb
Antimony	121-1	0.18	0.18	0.17	0.17	4.72	ppb
Arsenic	75-1	0.31	0.18	0.26	0.25	26.17	ppb
Barium	135-1	26.65	26.00	25.93	26.19	1.52	ppb
Barium	137-1	25.52	25.85	26.41	25.92	1.75	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	7.73	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	16.33	16.00	17.45	16.59	4.58	ppb
Boron	11-1	16.39	15.88	16.02	16.10	1.65	ppb
Cadmium	111-1	0.18	0.00	0.10	0.10	95.44	ppb
Cadmium	106-1	2.18	-0.21	0.91	0.96	124.77	ppb
Cadmium	108-1	0.26	0.45	0.16	0.29	50.81	ppb
Calcium	43-1	17075.93	17066.78	16944.08	17028.93	0.43	ppb
Calcium	44-1	17431.48	17414.16	17029.62	17291.75	1.31	ppb
Chromium	52-2	0.19	0.28	0.20	0.22	23.53	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	7.86	ppb
Copper	63-2	283.46	287.71	288.26	286.48	0.92	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				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	13.22	14.01	13.70	13.64	2.90	ppb
Iron	57-2	14.69	10.71	12.24	12.55	15.99	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.57	0.48	0.54	8.47	ppb
Lead	207-1	0.54	0.54	0.50	0.52	4.73	ppb
Lead	208-1	0.53	0.54	0.49	0.52	5.02	ppb
Lithium	6-1				108		%
Magnesium	24-2	6098.68	6197.82	6160.30	6152.27	0.81	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01DUP	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:42:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.94	5.43	5.38	5.25	5.18	ppb
Molybdenum	94-1	0.22	0.20	0.12	0.18	29.66	ppb
Molybdenum	95-1	0.21	0.23	0.17	0.20	14.61	ppb
Molybdenum	96-1	0.23	0.22	0.19	0.21	10.52	ppb
Molybdenum	97-1	0.26	0.22	0.24	0.24	7.54	ppb
Molybdenum	98-1	0.22	0.21	0.24	0.22	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.38	12.46	12.19	12.34	1.14	ppb
Phosphorus	31-2	389.37	475.64	444.17	436.39	10.01	ppb
Potassium	39-2	1711.21	1730.24	1734.05	1725.17	0.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.50	0.09	-0.22	-0.21		ppb
Selenium	82-1	-0.01	0.38	1.02	0.46	111.60	ppb
Silicon	28-1	2533.13	2555.78	2572.06	2553.66	0.77	ppb
Silver	109-1	0.06	0.05	0.06	0.06	11.24	ppb
Silver	107-1	0.04	0.06	0.05	0.05	16.40	ppb
Sodium	23-2	32065.52	32845.47	32255.77	32388.92	1.26	ppb
Strontium	86-1	46.45	46.50	46.93	46.63	0.56	ppb
Strontium	88-1	48.57	47.94	48.67	48.39	0.82	ppb
Sulfur	34-1	5243.69	5634.30	5165.72	5347.90	4.69	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.02	0.02	28.90	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	15.82	ppb
Tin	118-1	0.41	0.49	0.50	0.47	10.71	ppb
Titanium	47-1	0.34	0.36	0.31	0.34	7.94	ppb
Uranium	238-1	0.05	0.04	0.03	0.04	17.73	ppb
Vanadium	51-2	0.11	0.07	0.07	0.08	26.88	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	1180.93	1180.67	1179.81	1180.47	0.05	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01DUP	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:42:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	27.14	ppb
Zirconium	91-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01LX5	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-01 16:45:34	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.91	1.61	3.15	2.89	40.41	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	9.22	ppb
Arsenic	75-1	0.09	0.01	0.06	0.05	74.70	ppb
Barium	135-1	5.14	5.08	5.56	5.26	5.03	ppb
Barium	137-1	5.31	4.97	5.25	5.18	3.52	ppb
Beryllium	9-1	0.06	0.03	0.02	0.04	44.26	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	6.41	6.76	7.25	6.80	6.19	ppb
Boron	11-1	6.98	6.76	6.69	6.81	2.24	ppb
Cadmium	111-1	0.12	-0.02	-0.03	0.02	363.36	ppb
Cadmium	106-1	1.55	-0.36	-0.44	0.25	451.82	ppb
Cadmium	108-1	0.10	0.06	0.00	0.05	93.16	ppb
Calcium	43-1	3318.47	3272.80	3362.19	3317.82	1.35	ppb
Calcium	44-1	3554.20	3343.46	3517.73	3471.79	3.24	ppb
Chromium	52-2	0.05	0.03	0.07	0.05	44.00	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	354.78	ppb
Copper	63-2	58.05	57.65	56.89	57.53	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	3.16	2.80	2.43	2.79	13.10	ppb
Iron	57-2	5.72	2.76	4.75	4.41	34.21	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.21	0.15	0.18	16.24	ppb
Lead	207-1	0.18	0.15	0.15	0.16	10.04	ppb
Lead	208-1	0.18	0.17	0.16	0.17	6.32	ppb
Lithium	6-1				107		%
Magnesium	24-2	1238.20	1252.81	1234.43	1241.81	0.78	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01LX5	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-01 16:45:34	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.20	1.04	0.97	1.07	10.81	ppb
Molybdenum	94-1	0.04	0.07	0.03	0.05	41.57	ppb
Molybdenum	95-1	0.07	0.10	0.08	0.08	17.51	ppb
Molybdenum	96-1	0.04	0.09	0.07	0.06	37.95	ppb
Molybdenum	97-1	0.02	0.06	0.05	0.04	40.34	ppb
Molybdenum	98-1	0.06	0.09	0.06	0.07	23.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.59	2.60	2.31	2.50	6.57	ppb
Phosphorus	31-2	134.49	92.61	104.77	110.62	19.48	ppb
Potassium	39-2	375.12	344.21	352.60	357.31	4.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	1.83	0.00	0.00	0.61	173.21	ppb
Selenium	78-2	-1.40	-1.11	-0.22	-0.91		ppb
Selenium	82-1	0.05	-0.45	0.54	0.04	1108.85	ppb
Silicon	28-1	503.30	478.69	497.36	493.12	2.60	ppb
Silver	109-1	0.03	0.04	0.04	0.04	9.17	ppb
Silver	107-1	0.03	0.02	0.02	0.03	4.39	ppb
Sodium	23-2	6519.40	6536.99	6457.19	6504.53	0.64	ppb
Strontium	86-1	9.02	8.93	9.26	9.07	1.93	ppb
Strontium	88-1	9.43	9.15	9.58	9.39	2.32	ppb
Sulfur	34-1	710.71	-522.53	178.84	122.34	505.60	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.58	ppb
Tin	118-1	0.04	0.05	0.02	0.04	36.18	ppb
Titanium	47-1	0.22	0.18	0.12	0.17	28.07	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.92	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	26.71	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	239.81	238.82	232.98	237.21	1.56	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01LX5	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-01 16:45:34	DataFile Name :	029SMPL.d

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

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:49:01	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51979.53	52617.41	53914.58	52837.17	1.87	ppb
Antimony	121-1	485.82	477.74	492.13	485.23	1.49	ppb
Arsenic	75-1	481.36	480.28	480.10	480.58	0.14	ppb
Barium	135-1	2462.07	2452.44	2497.01	2470.51	0.95	ppb
Barium	137-1	2447.91	2452.55	2465.70	2455.39	0.38	ppb
Beryllium	9-1	481.23	493.94	485.99	487.05	1.32	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	481.36	502.86	495.99	493.40	2.23	ppb
Boron	11-1	471.46	487.61	485.31	481.46	1.81	ppb
Cadmium	111-1	461.48	461.95	467.99	463.81	0.78	ppb
Cadmium	106-1	475.70	485.89	485.51	482.37	1.20	ppb
Cadmium	108-1	475.75	471.90	473.30	473.65	0.41	ppb
Calcium	43-1	231096.34	230385.97	231763.23	231081.85	0.30	ppb
Calcium	44-1	231178.15	232366.32	232698.32	232080.93	0.34	ppb
Chromium	52-2	491.49	495.06	509.51	498.69	1.91	ppb
Cobalt	59-2	502.61	492.96	515.27	503.61	2.22	ppb
Copper	63-2	994.88	988.68	1011.79	998.45	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				114		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	125200.93	127218.33	129213.56	127210.94	1.58	ppb
Iron	57-2	126819.29	127045.28	128367.46	127410.68	0.66	ppb
Krypton	83-1						cps
Lead	206-1	513.62	497.23	510.38	507.07	1.71	ppb
Lead	207-1	496.78	502.97	485.77	495.17	1.76	ppb
Lead	208-1	501.55	501.58	503.23	502.12	0.19	ppb
Lithium	6-1				110		%
Magnesium	24-2	250389.58	252731.58	260519.61	254546.92	2.08	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:49:01	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.05	993.67	1016.77	999.16	1.56	ppb
Molybdenum	94-1	2465.32	2437.49	2502.70	2468.50	1.33	ppb
Molybdenum	95-1	2420.54	2438.59	2445.26	2434.80	0.53	ppb
Molybdenum	96-1	2432.77	2437.62	2476.54	2448.97	0.98	ppb
Molybdenum	97-1	2465.25	2422.25	2458.92	2448.80	0.95	ppb
Molybdenum	98-1	2425.82	2399.17	2436.51	2420.50	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.43	496.50	508.89	500.61	1.43	ppb
Phosphorus	31-2	10197.96	9791.98	9676.30	9888.75	2.77	ppb
Potassium	39-2	122550.07	123026.99	126936.87	124171.31	1.94	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	517.71	433.63	472.96	474.77	8.86	ppb
Selenium	78-2	458.00	477.37	490.54	475.30	3.44	ppb
Selenium	82-1	481.44	485.66	494.40	487.17	1.36	ppb
Silicon	28-1	546.55	553.72	582.25	560.84	3.37	ppb
Silver	109-1	468.44	472.50	471.97	470.97	0.47	ppb
Silver	107-1	470.05	474.18	469.00	471.08	0.58	ppb
Sodium	23-2	246778.51	247901.95	256766.47	250482.31	2.18	ppb
Strontium	86-1	450.59	451.09	454.49	452.06	0.47	ppb
Strontium	88-1	461.44	463.29	469.25	464.66	0.88	ppb
Sulfur	34-1	9393.01	9009.53	9532.62	9311.72	2.91	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	506.02	494.59	504.67	501.76	1.25	ppb
Thallium	205-1	510.39	499.80	511.61	507.27	1.28	ppb
Tin	118-1	489.96	482.15	497.49	489.87	1.57	ppb
Titanium	47-1	2480.29	2463.74	2457.73	2467.25	0.47	ppb
Uranium	238-1	527.01	517.04	520.44	521.50	0.97	ppb
Vanadium	51-2	497.20	500.61	512.31	503.37	1.57	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	974.42	985.65	1009.09	989.72	1.79	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:49:01	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.69	506.81	521.37	510.62	1.85	ppb
Zirconium	91-1	506.71	501.55	510.51	506.25	0.89	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 16:52:18 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.57	1.12	0.66	1.12	40.57	ppb
Antimony	121-1	0.21	0.21	0.21	0.21	1.16	ppb
Arsenic	75-1	0.02	0.06	0.05	0.04	52.99	ppb
Barium	135-1	0.02	0.02	0.04	0.02	45.62	ppb
Barium	137-1	0.01	0.02	0.04	0.02	45.53	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	6.36	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Boron	10-1	8.31	7.69	8.13	8.04	3.96	ppb
Boron	11-1	8.45	8.00	7.63	8.02	5.13	ppb
Cadmium	111-1	-0.04	0.00	0.06	0.01	585.16	ppb
Cadmium	106-1	-0.72	0.16	0.63	0.02	2963.66	ppb
Cadmium	108-1	0.03	0.03	-0.03	0.01	514.25	ppb
Calcium	43-1	-5.32	-1.90	-3.90	-3.71		ppb
Calcium	44-1	4.57	4.51	4.89	4.66	4.32	ppb
Chromium	52-2	0.05	0.12	0.08	0.09	43.19	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	49.46	ppb
Copper	63-2	0.20	0.15	0.16	0.17	16.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	3.49	2.57	2.59	2.88	18.36	ppb
Iron	57-2	2.49	3.99	2.99	3.16	24.17	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.26	0.25	0.28	12.93	ppb
Lead	207-1	0.29	0.35	0.26	0.30	15.26	ppb
Lead	208-1	0.30	0.29	0.26	0.28	7.71	ppb
Lithium	6-1				111		%
Magnesium	24-2	5.81	3.33	1.55	3.56	60.07	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:52:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.04	0.06	0.04	52.56	ppb
Molybdenum	94-1	0.18	0.20	0.16	0.18	11.49	ppb
Molybdenum	95-1	0.21	0.19	0.17	0.19	8.61	ppb
Molybdenum	96-1	0.27	0.18	0.18	0.21	25.53	ppb
Molybdenum	97-1	0.21	0.19	0.18	0.19	7.48	ppb
Molybdenum	98-1	0.23	0.17	0.18	0.19	15.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.06	0.06	0.07	27.22	ppb
Phosphorus	31-2	-15.35	-22.95	-43.27	-27.19		ppb
Potassium	39-2	42.69	35.09	27.64	35.14	21.40	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	0.00	1.83	0.00	0.61	173.21	ppb
Selenium	78-2	-0.21	-0.81	-1.10	-0.71		ppb
Selenium	82-1	1.04	0.04	0.50	0.53	94.64	ppb
Silicon	28-1	-3.18	-4.43	-4.46	-4.02		ppb
Silver	109-1	0.06	0.06	0.06	0.06	2.06	ppb
Silver	107-1	0.04	0.06	0.08	0.06	27.83	ppb
Sodium	23-2	86.67	84.92	80.05	83.88	4.09	ppb
Strontium	86-1	-0.07	-0.08	-0.05	-0.07		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	52.72	ppb
Sulfur	34-1	-1231.79	-1189.78	-1356.19	-1259.25		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.02	0.02	16.20	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	14.02	ppb
Tin	118-1	0.00	0.03	0.02	0.02	100.39	ppb
Titanium	47-1	0.03	-0.04	0.02	0.01	805.80	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	31.42	ppb
Vanadium	51-2	0.02	0.02	-0.01	0.01	128.11	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	0.13	0.12	0.13	0.13	6.32	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:52:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.03	0.02	67.36	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	720.64	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MS	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:55:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1890.15	1868.57	1829.17	1862.63	1.66	ppb
Antimony	121-1	736.19	747.64	744.16	742.66	0.79	ppb
Arsenic	75-1	766.56	760.88	763.58	763.67	0.37	ppb
Barium	135-1	217.52	222.32	221.91	220.58	1.21	ppb
Barium	137-1	219.80	224.12	219.51	221.15	1.17	ppb
Beryllium	9-1	189.44	186.39	184.80	186.88	1.26	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	297.27	305.88	308.21	303.79	1.90	ppb
Boron	11-1	287.40	296.57	287.98	290.65	1.77	ppb
Cadmium	111-1	184.03	187.14	187.37	186.18	1.00	ppb
Cadmium	106-1	157.47	166.49	162.19	162.05	2.78	ppb
Cadmium	108-1	164.21	173.82	176.80	171.61	3.84	ppb
Calcium	43-1	17425.27	17420.34	17496.56	17447.39	0.24	ppb
Calcium	44-1	17697.59	17626.07	17883.28	17735.65	0.75	ppb
Chromium	52-2	391.87	395.83	383.17	390.29	1.66	ppb
Cobalt	59-2	202.24	203.38	200.01	201.87	0.85	ppb
Copper	63-2	597.25	601.72	591.05	596.68	0.90	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				110		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	3154.01	3180.58	3146.59	3160.40	0.57	ppb
Iron	57-2	3063.25	3110.09	3126.09	3099.81	1.05	ppb
Krypton	83-1						cps
Lead	206-1	979.12	947.46	966.03	964.20	1.65	ppb
Lead	207-1	951.72	932.32	954.92	946.32	1.29	ppb
Lead	208-1	953.96	938.89	956.57	949.81	1.00	ppb
Lithium	6-1				107		%
Magnesium	24-2	8113.08	8211.31	8031.83	8118.74	1.11	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MS	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:55:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	199.66	200.09	200.04	199.93	0.12	ppb
Molybdenum	94-1	254.32	253.72	255.49	254.51	0.35	ppb
Molybdenum	95-1	356.85	351.01	362.14	356.67	1.56	ppb
Molybdenum	96-1	352.00	351.64	349.72	351.12	0.35	ppb
Molybdenum	97-1	349.93	347.15	346.40	347.83	0.54	ppb
Molybdenum	98-1	360.39	362.20	360.73	361.10	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.21	531.79	517.15	524.38	1.40	ppb
Phosphorus	31-2	6349.31	6274.28	6198.28	6273.95	1.20	ppb
Potassium	39-2	11332.53	11448.36	11177.20	11319.36	1.20	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	77-2	1897.69	1913.50	1830.49	1880.56	2.34	ppb
Selenium	78-2	1893.93	1897.13	1858.88	1883.31	1.13	ppb
Selenium	82-1	1891.37	1888.61	1895.43	1891.80	0.18	ppb
Silicon	28-1	3363.50	3364.97	3426.61	3385.03	1.06	ppb
Silver	109-1	68.71	71.52	71.70	70.64	2.37	ppb
Silver	107-1	69.74	70.64	70.10	70.16	0.65	ppb
Sodium	23-2	34495.86	35480.16	34674.81	34883.61	1.50	ppb
Strontium	86-1	206.18	203.65	208.00	205.94	1.06	ppb
Strontium	88-1	214.70	214.01	213.50	214.07	0.28	ppb
Sulfur	34-1	4549.67	4392.09	4257.04	4399.60	3.33	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	1896.60	1827.28	1850.89	1858.26	1.90	ppb
Thallium	205-1	1899.40	1861.00	1870.17	1876.85	1.07	ppb
Tin	118-1	642.33	665.36	654.94	654.21	1.76	ppb
Titanium	47-1	184.96	181.66	185.15	183.92	1.07	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	14.34	ppb
Vanadium	51-2	295.07	298.43	291.38	294.96	1.20	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	1369.52	1388.04	1345.65	1367.73	1.55	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MS	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:55:46	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.25	0.27	0.26	4.71	ppb
Zirconium	91-1	0.45	0.45	0.53	0.48	9.29	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MSD	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:59:09	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1956.55	1983.78	1958.97	1966.43	0.77	ppb
Antimony	121-1	780.07	782.44	767.15	776.55	1.06	ppb
Arsenic	75-1	819.75	818.71	798.53	812.33	1.47	ppb
Barium	135-1	227.73	229.69	229.81	229.08	0.51	ppb
Barium	137-1	225.64	229.12	231.10	228.62	1.21	ppb
Beryllium	9-1	196.14	193.83	194.63	194.87	0.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	306.77	307.09	315.92	309.93	1.68	ppb
Boron	11-1	303.33	303.34	312.05	306.24	1.64	ppb
Cadmium	111-1	195.26	193.39	192.82	193.82	0.66	ppb
Cadmium	106-1	172.23	169.91	170.50	170.88	0.71	ppb
Cadmium	108-1	177.89	180.20	181.51	179.87	1.02	ppb
Calcium	43-1	18278.73	18257.06	18075.26	18203.68	0.61	ppb
Calcium	44-1	18525.69	18597.10	18398.56	18507.12	0.54	ppb
Chromium	52-2	414.63	415.39	411.17	413.73	0.54	ppb
Cobalt	59-2	214.13	214.99	213.69	214.27	0.31	ppb
Copper	63-2	639.22	650.15	642.90	644.09	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	3401.02	3308.85	3329.37	3346.41	1.45	ppb
Iron	57-2	3293.24	3236.72	3192.54	3240.83	1.56	ppb
Krypton	83-1						cps
Lead	206-1	1039.94	1046.56	1032.66	1039.72	0.67	ppb
Lead	207-1	1009.97	1023.88	1022.45	1018.77	0.75	ppb
Lead	208-1	1011.89	1019.68	1021.71	1017.76	0.51	ppb
Lithium	6-1				109		%
Magnesium	24-2	8455.35	8461.84	8536.26	8484.49	0.53	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MSD	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:59:09	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	214.71	212.53	211.87	213.04	0.70	ppb
Molybdenum	94-1	274.71	270.86	274.63	273.40	0.80	ppb
Molybdenum	95-1	390.77	386.55	388.06	388.46	0.55	ppb
Molybdenum	96-1	373.27	370.29	380.52	374.70	1.40	ppb
Molybdenum	97-1	368.95	371.48	372.11	370.85	0.45	ppb
Molybdenum	98-1	391.65	388.30	388.11	389.35	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.82	564.63	561.25	560.57	0.79	ppb
Phosphorus	31-2	6848.66	7012.49	6256.52	6705.89	5.93	ppb
Potassium	39-2	12018.26	12036.45	12030.32	12028.34	0.08	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	1972.41	2000.85	2058.14	2010.46	2.17	ppb
Selenium	78-2	2006.88	2022.00	1980.60	2003.16	1.05	ppb
Selenium	82-1	2033.74	2018.14	2036.14	2029.34	0.48	ppb
Silicon	28-1	3530.23	3591.61	3497.19	3539.68	1.35	ppb
Silver	109-1	74.04	74.40	73.93	74.12	0.33	ppb
Silver	107-1	73.29	73.67	73.13	73.36	0.38	ppb
Sodium	23-2	36354.59	36363.72	36560.53	36426.28	0.32	ppb
Strontium	86-1	222.10	217.61	219.42	219.71	1.03	ppb
Strontium	88-1	227.48	224.50	224.86	225.62	0.72	ppb
Sulfur	34-1	3593.13	3664.03	2944.11	3400.42	11.67	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	1991.52	1981.34	2004.22	1992.36	0.58	ppb
Thallium	205-1	2029.75	2034.80	2031.05	2031.87	0.13	ppb
Tin	118-1	691.34	692.04	676.13	686.50	1.31	ppb
Titanium	47-1	197.31	196.21	192.24	195.25	1.37	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	2.31	ppb
Vanadium	51-2	312.66	313.38	312.28	312.77	0.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	1449.20	1451.62	1435.58	1445.47	0.60	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MSD	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:59:09	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.19	0.21	0.20	5.96	ppb
Zirconium	91-1	0.52	0.32	0.48	0.44	24.12	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01A	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:02:31	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1904.50	1892.08	1889.13	1895.24	0.43	ppb
Antimony	121-1	746.51	752.48	752.13	750.37	0.45	ppb
Arsenic	75-1	777.09	763.57	761.37	767.34	1.11	ppb
Barium	135-1	219.31	221.42	218.83	219.86	0.63	ppb
Barium	137-1	221.47	218.07	220.91	220.15	0.83	ppb
Beryllium	9-1	189.11	189.79	186.89	188.60	0.80	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	10-1	298.37	308.45	304.78	303.87	1.68	ppb
Boron	11-1	294.51	299.03	304.67	299.40	1.70	ppb
Cadmium	111-1	187.55	184.41	185.11	185.69	0.89	ppb
Cadmium	106-1	161.06	162.88	157.11	160.35	1.84	ppb
Cadmium	108-1	173.69	173.36	174.17	173.74	0.23	ppb
Calcium	43-1	17732.89	17508.37	17529.54	17590.26	0.70	ppb
Calcium	44-1	17840.96	17539.75	17705.06	17695.26	0.85	ppb
Chromium	52-2	388.08	392.10	394.41	391.53	0.82	ppb
Cobalt	59-2	201.84	204.42	203.95	203.40	0.68	ppb
Copper	63-2	590.95	598.35	604.74	598.01	1.15	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				110		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	3164.29	3193.51	3209.51	3189.10	0.72	ppb
Iron	57-2	3128.39	3110.56	3119.73	3119.56	0.29	ppb
Krypton	83-1						cps
Lead	206-1	975.97	962.22	969.06	969.08	0.71	ppb
Lead	207-1	967.36	959.71	950.91	959.33	0.86	ppb
Lead	208-1	966.79	957.81	952.62	959.07	0.75	ppb
Lithium	6-1				106		%
Magnesium	24-2	8023.89	8029.19	8018.70	8023.93	0.07	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01A	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:02:31	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	199.76	200.89	199.83	200.16	0.32	ppb
Molybdenum	94-1	257.90	255.54	258.24	257.23	0.57	ppb
Molybdenum	95-1	357.87	360.81	355.92	358.20	0.69	ppb
Molybdenum	96-1	349.13	353.05	355.21	352.46	0.87	ppb
Molybdenum	97-1	352.76	351.51	353.44	352.57	0.28	ppb
Molybdenum	98-1	366.16	366.42	358.42	363.67	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.69	527.09	531.51	528.43	0.51	ppb
Phosphorus	31-2	6445.19	6175.57	6483.31	6368.02	2.63	ppb
Potassium	39-2	11432.61	11480.13	11395.56	11436.10	0.37	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	2004.28	2014.72	1838.70	1952.57	5.06	ppb
Selenium	78-2	1860.00	1916.60	1905.24	1893.95	1.58	ppb
Selenium	82-1	1920.48	1904.01	1927.96	1917.48	0.64	ppb
Silicon	28-1	3461.52	3432.87	3402.60	3432.33	0.86	ppb
Silver	109-1	70.96	69.80	70.43	70.39	0.82	ppb
Silver	107-1	71.30	71.22	70.63	71.05	0.52	ppb
Sodium	23-2	34844.13	34709.18	34693.70	34749.00	0.24	ppb
Strontium	86-1	208.42	208.11	209.55	208.70	0.36	ppb
Strontium	88-1	215.65	216.43	217.77	216.62	0.49	ppb
Sulfur	34-1	3484.88	2795.10	3104.38	3128.12	11.05	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	1850.12	1857.22	1856.02	1854.45	0.21	ppb
Thallium	205-1	1883.94	1882.50	1908.13	1891.52	0.76	ppb
Tin	118-1	656.66	668.06	653.50	659.41	1.16	ppb
Titanium	47-1	185.71	184.42	185.55	185.23	0.38	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.84	ppb
Vanadium	51-2	295.57	294.49	296.17	295.41	0.29	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	1358.25	1384.81	1372.05	1371.70	0.97	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01A	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:02:31	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.20	0.20	0.20	1.19	ppb
Zirconium	91-1	0.44	0.44	0.41	0.43	3.80	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-02	Instrumnet Name :	P8
Client Sample ID :	RAINBOW	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:05:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.90	15.05	14.75	14.23	8.16	ppb
Antimony	121-1	0.49	0.49	0.46	0.48	3.93	ppb
Arsenic	75-1	0.36	0.42	0.43	0.40	9.19	ppb
Barium	135-1	26.51	26.65	26.54	26.57	0.28	ppb
Barium	137-1	26.20	26.46	26.09	26.25	0.72	ppb
Beryllium	9-1	0.06	0.08	0.05	0.06	21.00	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	18.28	18.75	17.87	18.30	2.40	ppb
Boron	11-1	18.65	17.99	17.51	18.05	3.17	ppb
Cadmium	111-1	0.04	0.11	-0.02	0.04	152.90	ppb
Cadmium	106-1	0.23	1.32	-0.52	0.34	271.39	ppb
Cadmium	108-1	0.36	0.10	0.19	0.22	60.73	ppb
Calcium	43-1	15960.88	15994.67	15971.03	15975.52	0.11	ppb
Calcium	44-1	15854.19	16339.36	16097.90	16097.15	1.51	ppb
Chromium	52-2	0.28	0.18	0.27	0.25	21.75	ppb
Cobalt	59-2	0.04	0.06	0.07	0.06	20.82	ppb
Copper	63-2	286.05	284.83	287.59	286.16	0.48	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				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	13.96	14.89	14.05	14.30	3.58	ppb
Iron	57-2	15.93	14.88	15.26	15.36	3.49	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.86	0.75	0.84	9.03	ppb
Lead	207-1	0.82	0.79	0.77	0.80	3.46	ppb
Lead	208-1	0.84	0.83	0.77	0.81	4.33	ppb
Lithium	6-1				105		%
Magnesium	24-2	5723.29	5688.84	5721.11	5711.08	0.34	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-02	Instrumnet Name :	P8
Client Sample ID :	RAINBOW	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:05:53	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.52	7.02	7.08	6.87	4.52	ppb
Molybdenum	94-1	0.13	0.19	0.15	0.15	20.83	ppb
Molybdenum	95-1	0.22	0.21	0.21	0.21	3.93	ppb
Molybdenum	96-1	0.27	0.21	0.16	0.21	26.81	ppb
Molybdenum	97-1	0.21	0.16	0.20	0.19	14.37	ppb
Molybdenum	98-1	0.22	0.22	0.19	0.21	9.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.11	56.82	57.91	57.28	0.99	ppb
Phosphorus	31-2	321.08	339.98	350.24	337.10	4.39	ppb
Potassium	39-2	1646.06	1609.16	1614.86	1623.36	1.22	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	1.83	0.00	0.00	0.61	173.21	ppb
Selenium	78-2	0.36	0.05	1.27	0.56	112.37	ppb
Selenium	82-1	0.22	1.12	1.03	0.79	62.86	ppb
Silicon	28-1	2413.27	2409.42	2379.35	2400.68	0.77	ppb
Silver	109-1	0.03	0.04	0.04	0.04	10.42	ppb
Silver	107-1	0.02	0.04	0.04	0.03	32.44	ppb
Sodium	23-2	29965.87	30230.47	30505.37	30233.90	0.89	ppb
Strontium	86-1	44.52	45.09	44.57	44.73	0.71	ppb
Strontium	88-1	45.66	46.46	45.99	46.04	0.88	ppb
Sulfur	34-1	3955.16	4003.44	3886.80	3948.47	1.48	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.15	0.12	0.13	16.37	ppb
Thallium	205-1	0.13	0.13	0.15	0.14	7.80	ppb
Tin	118-1	0.10	0.08	0.06	0.08	21.41	ppb
Titanium	47-1	0.26	0.29	0.19	0.25	21.02	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.63	ppb
Vanadium	51-2	0.07	0.07	0.07	0.07	0.60	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	1223.79	1230.84	1233.85	1229.49	0.42	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-02	Instrumnet Name :	P8
Client Sample ID :	RAINBOW	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:05:53	DataFile Name :	035SMPL.d

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

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-03	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:09:21	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.24	20.71	22.03	20.66	6.75	ppb
Antimony	121-1	0.23	0.21	0.24	0.23	7.86	ppb
Arsenic	75-1	0.40	0.33	0.37	0.37	10.20	ppb
Barium	135-1	29.46	27.78	28.64	28.63	2.94	ppb
Barium	137-1	29.27	28.17	28.46	28.63	1.98	ppb
Beryllium	9-1	0.08	0.04	0.03	0.05	45.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	15.40	14.23	16.13	15.25	6.30	ppb
Boron	11-1	15.72	15.15	14.73	15.20	3.25	ppb
Cadmium	111-1	0.08	0.10	0.15	0.11	33.45	ppb
Cadmium	106-1	0.42	0.72	1.71	0.95	71.09	ppb
Cadmium	108-1	0.01	0.11	0.29	0.14	100.88	ppb
Calcium	43-1	17456.29	16691.67	16700.65	16949.54	2.59	ppb
Calcium	44-1	18033.12	16845.42	16935.24	17271.26	3.83	ppb
Chromium	52-2	0.38	0.41	0.38	0.39	5.04	ppb
Cobalt	59-2	0.05	0.07	0.08	0.07	28.33	ppb
Copper	63-2	193.80	193.39	190.87	192.69	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	21.88	27.95	21.92	23.92	14.59	ppb
Iron	57-2	23.80	21.13	23.32	22.75	6.24	ppb
Krypton	83-1						cps
Lead	206-1	3.10	2.97	2.77	2.95	5.54	ppb
Lead	207-1	2.77	2.65	2.61	2.68	3.07	ppb
Lead	208-1	2.91	2.71	2.64	2.75	5.12	ppb
Lithium	6-1				98		%
Magnesium	24-2	6019.56	5957.57	6009.30	5995.47	0.55	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-03	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:09:21	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.29	8.25	8.38	8.31	0.81	ppb
Molybdenum	94-1	0.18	0.19	0.11	0.16	25.29	ppb
Molybdenum	95-1	0.22	0.21	0.19	0.21	8.44	ppb
Molybdenum	96-1	0.18	0.22	0.19	0.20	10.39	ppb
Molybdenum	97-1	0.34	0.20	0.21	0.25	31.09	ppb
Molybdenum	98-1	0.18	0.21	0.18	0.19	9.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.55	13.66	12.91	13.38	3.03	ppb
Phosphorus	31-2	477.92	569.46	515.37	520.92	8.83	ppb
Potassium	39-2	1787.89	1715.99	1714.46	1739.45	2.41	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	1.92	0.00	9.57	3.83	132.23	ppb
Selenium	78-2	0.45	-1.09	-0.17	-0.27		ppb
Selenium	82-1	1.15	0.44	1.10	0.89	44.15	ppb
Silicon	28-1	2706.82	2569.49	2561.72	2612.68	3.12	ppb
Silver	109-1	0.06	0.05	0.06	0.05	9.91	ppb
Silver	107-1	0.06	0.05	0.05	0.05	18.27	ppb
Sodium	23-2	32000.21	32430.38	32301.79	32244.12	0.68	ppb
Strontium	86-1	50.31	47.36	46.99	48.22	3.77	ppb
Strontium	88-1	51.47	48.44	48.87	49.59	3.30	ppb
Sulfur	34-1	8245.73	6485.59	6265.31	6998.88	15.51	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.05	0.03	0.04	29.27	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.11	ppb
Tin	118-1	0.08	0.05	0.04	0.06	29.01	ppb
Titanium	47-1	0.48	0.41	0.44	0.44	7.49	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	8.40	ppb
Vanadium	51-2	0.10	0.09	0.10	0.10	9.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	648.24	640.75	631.44	640.14	1.31	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-03	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:09:21	DataFile Name :	036SMPL.d

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

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-04	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:12:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.66	14.19	17.64	16.16	11.00	ppb
Antimony	121-1	0.13	0.11	0.12	0.12	7.58	ppb
Arsenic	75-1	0.36	0.28	0.26	0.30	18.15	ppb
Barium	135-1	26.71	25.64	25.18	25.84	3.05	ppb
Barium	137-1	25.82	24.81	25.30	25.31	2.01	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	23.34	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	14.25	11.89	13.33	13.16	9.06	ppb
Boron	11-1	13.98	12.57	13.61	13.39	5.46	ppb
Cadmium	111-1	-0.04	0.06	-0.07	-0.02		ppb
Cadmium	106-1	-0.50	0.62	-1.00	-0.29		ppb
Cadmium	108-1	-0.03	-0.03	0.00	-0.02		ppb
Calcium	43-1	16839.73	16276.69	16223.74	16446.72	2.08	ppb
Calcium	44-1	17005.15	16493.67	16478.03	16658.95	1.80	ppb
Chromium	52-2	0.10	0.12	0.13	0.12	13.89	ppb
Cobalt	59-2	0.02	0.01	0.03	0.02	42.19	ppb
Copper	63-2	208.74	210.17	209.82	209.57	0.36	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				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	16.60	16.55	16.63	16.60	0.24	ppb
Iron	57-2	17.18	18.61	14.22	16.67	13.45	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.17	0.15	0.18	25.17	ppb
Lead	207-1	0.15	0.19	0.14	0.16	15.57	ppb
Lead	208-1	0.20	0.18	0.17	0.18	9.48	ppb
Lithium	6-1				107		%
Magnesium	24-2	5870.37	5759.53	5844.96	5824.95	1.00	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-04	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:12:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.19	5.90	6.11	6.06	2.44	ppb
Molybdenum	94-1	0.14	0.10	0.12	0.12	18.15	ppb
Molybdenum	95-1	0.18	0.18	0.16	0.17	6.51	ppb
Molybdenum	96-1	0.20	0.19	0.17	0.19	8.10	ppb
Molybdenum	97-1	0.23	0.19	0.18	0.20	12.84	ppb
Molybdenum	98-1	0.18	0.20	0.18	0.18	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.37	1.16	1.23	10.36	ppb
Phosphorus	31-2	679.93	491.54	648.63	606.70	16.64	ppb
Potassium	39-2	1664.06	1682.64	1667.71	1671.47	0.59	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	1.78	3.55	1.78	2.37	43.05	ppb
Selenium	78-2	-1.11	-1.11	-0.25	-0.83		ppb
Selenium	82-1	0.59	0.27	0.93	0.60	55.81	ppb
Silicon	28-1	2605.54	2445.61	2387.26	2479.47	4.56	ppb
Silver	109-1	0.02	0.00	0.02	0.01	57.63	ppb
Silver	107-1	0.03	0.03	0.02	0.03	16.10	ppb
Sodium	23-2	31476.10	30681.06	31357.01	31171.39	1.38	ppb
Strontium	86-1	46.98	45.51	44.95	45.81	2.29	ppb
Strontium	88-1	48.44	46.68	46.30	47.14	2.42	ppb
Sulfur	34-1	5988.02	4945.88	4415.01	5116.30	15.64	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.00	0.02	0.01	76.39	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	30.68	ppb
Tin	118-1	-0.01	0.01	-0.02	-0.01		ppb
Titanium	47-1	0.34	0.38	0.28	0.33	15.29	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	26.02	ppb
Vanadium	51-2	0.09	0.04	0.10	0.08	38.52	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	15.02	14.61	15.78	15.14	3.92	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-04	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:12:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	-0.01	0.00	3086.45	ppb
Zirconium	91-1	-0.03	-0.01	0.02	-0.01		ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : K1285-05 Instrumnet Name : P8
 Client Sample ID : ADULTS-BATHROOM Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:16:16 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.35	31.70	30.80	31.28	1.44	ppb
Antimony	121-1	0.14	0.11	0.11	0.12	14.15	ppb
Arsenic	75-1	0.24	0.29	0.32	0.28	15.48	ppb
Barium	135-1	25.60	26.47	26.32	26.13	1.78	ppb
Barium	137-1	26.01	26.44	25.90	26.12	1.10	ppb
Beryllium	9-1	0.02	0.02	0.04	0.03	50.07	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	12.75	13.50	13.25	13.17	2.88	ppb
Boron	11-1	13.06	13.25	12.57	12.96	2.73	ppb
Cadmium	111-1	-0.08	-0.04	-0.03	-0.05		ppb
Cadmium	106-1	-1.17	-0.51	-0.40	-0.69		ppb
Cadmium	108-1	0.00	-0.06	-0.06	-0.04		ppb
Calcium	43-1	16184.43	15996.55	15954.35	16045.11	0.76	ppb
Calcium	44-1	16532.77	16246.76	16177.86	16319.13	1.15	ppb
Chromium	52-2	0.22	0.25	0.23	0.23	6.45	ppb
Cobalt	59-2	0.03	0.02	0.03	0.02	18.48	ppb
Copper	63-2	53.04	53.48	52.94	53.15	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	36.47	35.89	36.37	36.24	0.86	ppb
Iron	57-2	37.50	33.88	37.45	36.28	5.72	ppb
Krypton	83-1						cps
Lead	206-1	0.75	0.66	0.69	0.70	6.75	ppb
Lead	207-1	0.71	0.67	0.71	0.70	2.94	ppb
Lead	208-1	0.70	0.66	0.70	0.69	3.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	5756.96	5737.22	5638.25	5710.81	1.11	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-05	Instrumnet Name :	P8
Client Sample ID :	ADULTS-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:16:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.68	14.83	14.96	14.82	0.97	ppb
Molybdenum	94-1	0.15	0.13	0.14	0.14	8.37	ppb
Molybdenum	95-1	0.16	0.18	0.15	0.16	7.65	ppb
Molybdenum	96-1	0.20	0.17	0.15	0.18	14.71	ppb
Molybdenum	97-1	0.19	0.22	0.13	0.18	26.29	ppb
Molybdenum	98-1	0.16	0.15	0.15	0.15	3.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.72	0.67	0.72	7.30	ppb
Phosphorus	31-2	540.70	645.68	597.64	594.67	8.84	ppb
Potassium	39-2	1602.42	1631.11	1604.17	1612.57	1.00	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	-0.81	-0.22	-0.52		ppb
Selenium	82-1	0.49	0.44	0.14	0.36	52.96	ppb
Silicon	28-1	2422.63	2399.35	2405.42	2409.14	0.50	ppb
Silver	109-1	0.02	0.03	0.01	0.02	32.21	ppb
Silver	107-1	0.03	0.02	0.02	0.02	32.49	ppb
Sodium	23-2	30712.42	30475.67	30303.07	30497.05	0.67	ppb
Strontium	86-1	45.53	45.23	45.50	45.42	0.36	ppb
Strontium	88-1	47.02	46.99	46.03	46.68	1.21	ppb
Sulfur	34-1	5839.79	5473.78	5673.85	5662.47	3.24	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.03	0.01	0.01	92.54	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	47.39	ppb
Tin	118-1	0.01	0.01	0.00	0.01	70.96	ppb
Titanium	47-1	0.48	0.53	0.57	0.53	8.29	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	4.79	ppb
Vanadium	51-2	0.13	0.11	0.09	0.11	19.34	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	30.56	30.11	30.85	30.51	1.22	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-05	Instrumnet Name :	P8
Client Sample ID :	ADULTS-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:16:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	977.13	ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-06	Instrumnet Name :	P8
Client Sample ID :	CHILDREN-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:19:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.81	44.09	44.06	42.99	4.39	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	4.25	ppb
Arsenic	75-1	0.33	0.33	0.35	0.34	3.48	ppb
Barium	135-1	29.61	29.86	29.59	29.69	0.51	ppb
Barium	137-1	29.03	29.05	29.00	29.03	0.08	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	65.42	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Boron	10-1	11.24	12.16	12.19	11.86	4.54	ppb
Boron	11-1	11.61	12.13	12.58	12.10	4.00	ppb
Cadmium	111-1	0.07	0.05	-0.07	0.02	430.68	ppb
Cadmium	106-1	0.66	0.42	-1.19	-0.03		ppb
Cadmium	108-1	0.06	-0.06	0.06	0.02	363.83	ppb
Calcium	43-1	16355.67	16665.13	16826.06	16615.62	1.44	ppb
Calcium	44-1	16471.07	16979.05	16828.63	16759.58	1.56	ppb
Chromium	52-2	0.20	0.10	0.16	0.15	32.94	ppb
Cobalt	59-2	0.06	0.05	0.06	0.06	2.48	ppb
Copper	63-2	26.21	26.23	26.00	26.14	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	121.85	124.43	121.41	122.56	1.33	ppb
Iron	57-2	116.62	117.93	120.74	118.43	1.77	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.47	0.44	0.47	4.92	ppb
Lead	207-1	0.47	0.45	0.40	0.44	7.77	ppb
Lead	208-1	0.48	0.45	0.45	0.46	4.35	ppb
Lithium	6-1				106		%
Magnesium	24-2	5964.62	6056.45	5913.83	5978.30	1.21	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-06	Instrumnet Name :	P8
Client Sample ID :	CHILDREN-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:19:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	43.70	43.72	44.51	43.98	1.05	ppb
Molybdenum	94-1	0.14	0.18	0.17	0.16	11.73	ppb
Molybdenum	95-1	0.17	0.19	0.21	0.19	11.44	ppb
Molybdenum	96-1	0.17	0.18	0.16	0.17	6.31	ppb
Molybdenum	97-1	0.13	0.17	0.15	0.15	12.97	ppb
Molybdenum	98-1	0.14	0.18	0.18	0.17	14.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.99	2.07	1.99	4.28	ppb
Phosphorus	31-2	613.75	563.59	652.76	610.03	7.33	ppb
Potassium	39-2	1860.53	1847.39	1833.52	1847.15	0.73	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	0.00	1.81	0.00	0.60	173.21	ppb
Selenium	78-2	-0.53	-0.23	-0.81	-0.53		ppb
Selenium	82-1	1.59	-0.01	0.55	0.71	114.07	ppb
Silicon	28-1	2501.04	2512.35	2512.75	2508.71	0.26	ppb
Silver	109-1	0.03	0.02	0.02	0.02	15.91	ppb
Silver	107-1	0.02	0.02	0.02	0.02	16.28	ppb
Sodium	23-2	31899.39	32486.70	31656.36	32014.15	1.33	ppb
Strontium	86-1	46.42	48.02	47.49	47.31	1.73	ppb
Strontium	88-1	47.96	48.78	48.55	48.43	0.88	ppb
Sulfur	34-1	5489.94	6267.89	6021.56	5926.46	6.71	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.00	0.01	0.01	75.19	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	52.20	ppb
Tin	118-1	0.00	-0.01	-0.03	-0.01		ppb
Titanium	47-1	1.26	1.52	1.38	1.39	9.35	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	7.52	ppb
Vanadium	51-2	0.11	0.09	0.13	0.11	18.71	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	221.86	220.48	221.27	221.20	0.31	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-06	Instrumnet Name :	P8
Client Sample ID :	CHILDREN-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:19:44	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.02	0.03	20.83	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	117.71	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : K1285-07 Instrumnet Name : P8
 Client Sample ID : CHILDREN-BATHROOM Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:23:11 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.19	26.73	24.08	26.00	6.47	ppb
Antimony	121-1	0.10	0.07	0.08	0.08	13.60	ppb
Arsenic	75-1	0.32	0.22	0.32	0.29	20.19	ppb
Barium	135-1	26.74	25.56	26.75	26.35	2.60	ppb
Barium	137-1	25.90	25.68	26.27	25.95	1.14	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	75.29	ppb
Bismuth	209-1				113		%
Bismuth	209-2				111		%
Boron	10-1	11.46	12.03	11.21	11.57	3.64	ppb
Boron	11-1	11.69	11.32	11.50	11.51	1.61	ppb
Cadmium	111-1	-0.02	-0.02	0.04	0.00	2193.48	ppb
Cadmium	106-1	-0.39	-0.61	0.34	-0.22		ppb
Cadmium	108-1	-0.03	-0.04	0.00	-0.02		ppb
Calcium	43-1	16084.54	15605.49	15777.64	15822.55	1.53	ppb
Calcium	44-1	16322.03	16227.87	16075.73	16208.54	0.77	ppb
Chromium	52-2	0.16	0.12	0.16	0.14	16.64	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	26.28	ppb
Copper	63-2	29.78	30.11	29.74	29.88	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	56-2	31.31	34.24	30.93	32.16	5.62	ppb
Iron	57-2	31.54	32.11	34.44	32.70	4.69	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.55	0.61	0.57	5.28	ppb
Lead	207-1	0.52	0.59	0.53	0.55	6.87	ppb
Lead	208-1	0.54	0.59	0.59	0.58	4.59	ppb
Lithium	6-1				109		%
Magnesium	24-2	5712.22	5781.01	5741.94	5745.05	0.60	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : K1285-07 Instrumnet Name : P8
 Client Sample ID : CHILDREN-BATHROOM Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:23:11 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.43	13.66	13.16	13.42	1.86	ppb
Molybdenum	94-1	0.15	0.10	0.11	0.12	19.87	ppb
Molybdenum	95-1	0.19	0.19	0.24	0.21	14.72	ppb
Molybdenum	96-1	0.16	0.21	0.12	0.16	26.14	ppb
Molybdenum	97-1	0.15	0.18	0.15	0.16	10.95	ppb
Molybdenum	98-1	0.19	0.17	0.15	0.17	9.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.94	1.02	1.01	6.40	ppb
Phosphorus	31-2	537.07	444.74	617.94	533.25	16.25	ppb
Potassium	39-2	1633.03	1623.61	1638.12	1631.59	0.45	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	0.00	1.82	0.00	0.61	173.21	ppb
Selenium	78-2	0.35	-0.82	-0.81	-0.42		ppb
Selenium	82-1	0.51	0.30	-0.08	0.24	120.67	ppb
Silicon	28-1	2410.28	2387.10	2365.88	2387.75	0.93	ppb
Silver	109-1	0.02	0.01	0.01	0.01	57.04	ppb
Silver	107-1	0.02	0.01	0.02	0.02	35.01	ppb
Sodium	23-2	30628.26	31207.38	30602.76	30812.80	1.11	ppb
Strontium	86-1	44.59	44.31	44.29	44.40	0.38	ppb
Strontium	88-1	45.91	46.08	45.13	45.71	1.10	ppb
Sulfur	34-1	6242.10	5950.14	5793.33	5995.19	3.80	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.00	0.00	0.00	161.66	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	127.98	ppb
Tin	118-1	0.04	-0.02	0.01	0.01	385.95	ppb
Titanium	47-1	0.50	0.59	0.57	0.56	8.68	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.91	ppb
Vanadium	51-2	0.08	0.07	0.07	0.07	8.42	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	190.59	193.23	190.91	191.58	0.75	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-07	Instrumnet Name :	P8
Client Sample ID :	CHILDREN-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:23:11	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	120.80	ppb
Zirconium	91-1	0.01	0.02	-0.03	0.00		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-08	Instrumnet Name :	P8
Client Sample ID :	PANDA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:26:38	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.51	15.96	18.14	16.54	8.49	ppb
Antimony	121-1	0.10	0.09	0.08	0.09	10.75	ppb
Arsenic	75-1	0.30	0.24	0.29	0.28	11.51	ppb
Barium	135-1	26.91	26.50	26.51	26.64	0.89	ppb
Barium	137-1	26.95	26.93	26.62	26.84	0.68	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	19.18	ppb
Bismuth	209-1				114		%
Bismuth	209-2				113		%
Boron	10-1	11.44	9.73	11.11	10.76	8.44	ppb
Boron	11-1	11.42	10.61	10.96	11.00	3.66	ppb
Cadmium	111-1	0.14	0.04	0.03	0.07	86.64	ppb
Cadmium	106-1	0.83	-0.42	-0.60	-0.06		ppb
Cadmium	108-1	0.24	0.21	0.12	0.19	34.86	ppb
Calcium	43-1	15760.39	15666.67	15718.19	15715.08	0.30	ppb
Calcium	44-1	16035.72	16060.65	16069.08	16055.15	0.11	ppb
Chromium	52-2	0.10	0.20	0.22	0.18	36.10	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	19.16	ppb
Copper	63-2	217.83	214.22	215.97	216.01	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				114		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	18.10	17.43	17.86	17.80	1.89	ppb
Iron	57-2	21.76	14.80	19.79	18.78	19.08	ppb
Krypton	83-1						cps
Lead	206-1	2.64	2.53	2.58	2.59	2.09	ppb
Lead	207-1	2.45	2.37	2.38	2.40	1.90	ppb
Lead	208-1	2.51	2.45	2.48	2.48	1.09	ppb
Lithium	6-1				110		%
Magnesium	24-2	5700.33	5694.05	5702.55	5698.97	0.08	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-08	Instrumnet Name :	P8
Client Sample ID :	PANDA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:26:38	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.63	7.88	8.12	7.87	3.11	ppb
Molybdenum	94-1	0.14	0.12	0.13	0.13	7.63	ppb
Molybdenum	95-1	0.14	0.13	0.16	0.15	11.33	ppb
Molybdenum	96-1	0.18	0.18	0.19	0.18	5.04	ppb
Molybdenum	97-1	0.17	0.21	0.16	0.18	13.87	ppb
Molybdenum	98-1	0.16	0.18	0.21	0.18	12.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.67	6.53	6.69	6.63	1.28	ppb
Phosphorus	31-2	485.12	515.69	388.38	463.07	14.35	ppb
Potassium	39-2	1660.43	1641.02	1696.77	1666.07	1.70	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	3.62	0.00	0.00	1.21	173.21	ppb
Selenium	78-2	-0.24	0.05	0.04	-0.05		ppb
Selenium	82-1	1.18	0.42	0.76	0.79	48.08	ppb
Silicon	28-1	2361.03	2373.79	2364.31	2366.38	0.28	ppb
Silver	109-1	0.03	0.03	0.04	0.03	14.93	ppb
Silver	107-1	0.02	0.04	0.03	0.03	29.39	ppb
Sodium	23-2	30440.17	29975.42	30811.13	30408.90	1.38	ppb
Strontium	86-1	45.32	45.08	44.39	44.93	1.08	ppb
Strontium	88-1	45.99	46.08	45.72	45.93	0.40	ppb
Sulfur	34-1	5891.68	5752.45	6158.82	5934.32	3.48	ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.00	0.02	0.01	66.94	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.82	ppb
Tin	118-1	0.02	0.01	0.02	0.02	10.12	ppb
Titanium	47-1	0.37	0.29	0.30	0.32	13.44	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	7.04	ppb
Vanadium	51-2	0.09	0.10	0.09	0.10	6.02	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	476.09	477.92	485.99	480.00	1.10	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-08	Instrumnet Name :	P8
Client Sample ID :	PANDA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:26:38	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.17	0.00	0.06	170.50	ppb
Zirconium	91-1	0.01	0.00	-0.02	0.00		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:30:06	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51560.26	52187.63	52046.16	51931.35	0.63	ppb
Antimony	121-1	482.48	486.73	480.01	483.07	0.70	ppb
Arsenic	75-1	477.56	480.88	478.19	478.88	0.37	ppb
Barium	135-1	2483.04	2489.06	2458.83	2476.98	0.65	ppb
Barium	137-1	2468.58	2471.39	2478.67	2472.88	0.21	ppb
Beryllium	9-1	492.48	494.98	485.19	490.88	1.04	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	482.39	495.30	495.15	490.94	1.51	ppb
Boron	11-1	476.42	493.75	483.96	484.71	1.79	ppb
Cadmium	111-1	465.41	470.61	461.07	465.69	1.03	ppb
Cadmium	106-1	482.85	485.14	472.28	480.09	1.43	ppb
Cadmium	108-1	476.94	475.29	477.73	476.65	0.26	ppb
Calcium	43-1	234215.89	233733.74	235974.11	234641.25	0.50	ppb
Calcium	44-1	233628.78	231823.89	233078.68	232843.79	0.40	ppb
Chromium	52-2	487.53	490.23	489.97	489.24	0.31	ppb
Cobalt	59-2	500.26	498.76	501.73	500.25	0.30	ppb
Copper	63-2	993.70	985.09	999.54	992.77	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	126225.39	126681.03	125701.16	126202.53	0.39	ppb
Iron	57-2	125235.89	127573.00	126620.56	126476.48	0.93	ppb
Krypton	83-1						cps
Lead	206-1	503.84	512.07	503.25	506.38	0.97	ppb
Lead	207-1	478.86	499.89	511.23	496.66	3.31	ppb
Lead	208-1	497.46	508.07	510.95	505.49	1.41	ppb
Lithium	6-1				107		%
Magnesium	24-2	249518.06	253010.21	252108.78	251545.68	0.72	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:30:06	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.62	987.17	985.60	984.80	0.29	ppb
Molybdenum	94-1	2416.22	2465.38	2438.50	2440.03	1.01	ppb
Molybdenum	95-1	2414.73	2453.14	2418.15	2428.68	0.88	ppb
Molybdenum	96-1	2454.63	2456.40	2408.94	2439.99	1.10	ppb
Molybdenum	97-1	2447.73	2474.27	2402.26	2441.42	1.49	ppb
Molybdenum	98-1	2439.93	2424.54	2411.10	2425.19	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.05	493.59	495.14	492.93	0.53	ppb
Phosphorus	31-2	9317.57	9954.85	9601.25	9624.56	3.32	ppb
Potassium	39-2	123353.80	124087.98	123332.62	123591.47	0.35	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	551.94	492.15	522.09	522.06	5.73	ppb
Selenium	78-2	451.00	488.99	476.03	472.01	4.09	ppb
Selenium	82-1	480.12	483.10	483.69	482.31	0.40	ppb
Silicon	28-1	535.08	538.58	536.39	536.68	0.33	ppb
Silver	109-1	477.61	489.01	472.00	479.54	1.81	ppb
Silver	107-1	482.32	480.97	469.90	477.73	1.43	ppb
Sodium	23-2	245517.73	250485.27	251793.51	249265.50	1.33	ppb
Strontium	86-1	455.93	462.72	463.91	460.85	0.93	ppb
Strontium	88-1	472.41	475.59	471.65	473.21	0.44	ppb
Sulfur	34-1	10523.07	10171.06	9892.02	10195.38	3.10	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	501.29	499.14	504.04	501.49	0.49	ppb
Thallium	205-1	503.50	502.59	510.15	505.42	0.82	ppb
Tin	118-1	493.58	495.89	486.43	491.97	1.00	ppb
Titanium	47-1	2452.36	2445.42	2483.78	2460.52	0.83	ppb
Uranium	238-1	511.33	518.46	517.60	515.80	0.76	ppb
Vanadium	51-2	495.09	496.57	496.77	496.14	0.18	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	974.56	974.66	975.66	974.96	0.06	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:30:06	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.21	510.28	501.80	505.77	0.84	ppb
Zirconium	91-1	500.78	516.25	503.18	506.74	1.64	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P8
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:33:22 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.37	-0.62	-0.95	-0.64		ppb
Antimony	121-1	0.20	0.21	0.20	0.20	2.70	ppb
Arsenic	75-1	0.04	0.08	0.06	0.06	33.81	ppb
Barium	135-1	0.04	0.01	0.01	0.02	89.08	ppb
Barium	137-1	0.05	0.05	0.03	0.04	26.12	ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	14.80	ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	7.87	7.14	5.47	6.83	18.01	ppb
Boron	11-1	6.65	6.22	5.43	6.10	10.13	ppb
Cadmium	111-1	0.00	0.01	0.10	0.04	146.71	ppb
Cadmium	106-1	-0.27	0.09	1.24	0.35	225.30	ppb
Cadmium	108-1	-0.10	0.03	-0.10	-0.05		ppb
Calcium	43-1	-10.73	-8.55	-5.21	-8.16		ppb
Calcium	44-1	3.24	4.49	1.33	3.02	52.65	ppb
Chromium	52-2	0.01	0.01	-0.03	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.19	0.17	0.13	0.16	17.71	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				111		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	0.95	0.86	0.65	0.82	18.27	ppb
Iron	57-2	3.26	-0.75	2.15	1.55	133.15	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.21	0.23	7.19	ppb
Lead	207-1	0.27	0.26	0.26	0.26	3.69	ppb
Lead	208-1	0.26	0.23	0.23	0.24	7.29	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.64	0.52	1.29	0.82	50.83	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:33:22	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	0.00	0.02	-0.01		ppb
Molybdenum	94-1	0.16	0.12	0.11	0.13	20.81	ppb
Molybdenum	95-1	0.26	0.21	0.13	0.20	32.62	ppb
Molybdenum	96-1	0.24	0.21	0.17	0.21	15.40	ppb
Molybdenum	97-1	0.28	0.15	0.14	0.19	41.88	ppb
Molybdenum	98-1	0.20	0.19	0.15	0.18	14.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.07	0.05	18.03	ppb
Phosphorus	31-2	-30.03	-29.62	-50.07	-36.57		ppb
Potassium	39-2	30.42	29.35	34.25	31.34	8.21	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.06	-0.51	0.38	-0.02		ppb
Selenium	82-1	-0.12	1.09	0.18	0.38	165.25	ppb
Silicon	28-1	-6.39	-5.19	-6.58	-6.05		ppb
Silver	109-1	0.08	0.08	0.06	0.07	18.71	ppb
Silver	107-1	0.06	0.05	0.05	0.05	16.19	ppb
Sodium	23-2	87.97	79.29	86.44	84.57	5.48	ppb
Strontium	86-1	-0.08	-0.01	-0.03	-0.04		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	11.10	ppb
Sulfur	34-1	-616.00	-323.29	-402.13	-447.14		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.01	0.03	0.02	54.41	ppb
Thallium	205-1	0.04	0.03	0.01	0.03	51.87	ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	-0.04	-0.01	-0.06	-0.04		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	38.22	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	157.90	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	0.07	0.16	-0.03	0.07	139.28	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:33:22	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.01	0.01	72.25	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	81.10	ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : PB116760BL Instrumnet Name : P8
 Client Sample ID : PB116760BL Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:36:51 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.98	0.22	-0.32		ppb
Antimony	121-1	0.06	0.05	0.07	0.06	17.99	ppb
Arsenic	75-1	0.00	0.00	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	16.28	ppb
Bismuth	209-1				113		%
Bismuth	209-2				112		%
Boron	10-1	2.55	2.81	3.24	2.87	12.07	ppb
Boron	11-1	3.57	3.34	3.14	3.35	6.47	ppb
Cadmium	111-1	0.01	-0.01	0.02	0.01	174.07	ppb
Cadmium	106-1	0.16	-0.05	0.27	0.12	129.61	ppb
Cadmium	108-1	0.00	0.00	-0.10	-0.03		ppb
Calcium	43-1	-8.20	-14.33	-9.89	-10.81		ppb
Calcium	44-1	-2.07	-5.20	-4.90	-4.06		ppb
Chromium	52-2	0.07	0.02	-0.04	0.02	372.86	ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	0.05	0.08	0.04	0.06	37.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	56-2	0.16	-0.34	0.13	-0.02		ppb
Iron	57-2	-1.62	0.85	-1.06	-0.61		ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.12	0.12	5.42	ppb
Lead	207-1	0.13	0.12	0.11	0.12	6.23	ppb
Lead	208-1	0.12	0.11	0.11	0.11	8.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	-2.52	0.43	-0.95	-1.02		ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : PB116760BL Instrumnet Name : P8
 Client Sample ID : PB116760BL Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:36:51 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	0.02	-0.08	-0.03		ppb
Molybdenum	94-1	0.02	0.01	0.02	0.02	23.78	ppb
Molybdenum	95-1	0.03	0.01	0.00	0.01	70.79	ppb
Molybdenum	96-1	0.04	0.05	0.01	0.03	69.74	ppb
Molybdenum	97-1	0.05	0.07	0.01	0.04	71.81	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	40.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.03	0.02	38.68	ppb
Phosphorus	31-2	-36.63	-43.35	-50.07	-43.35		ppb
Potassium	39-2	17.63	24.53	13.58	18.58	29.80	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	3.59	0.00	1.80	1.80	99.83	ppb
Selenium	78-2	-1.11	-1.11	0.34	-0.63		ppb
Selenium	82-1	0.34	-0.71	0.76	0.13	591.95	ppb
Silicon	28-1	-6.15	-7.39	-9.34	-7.63		ppb
Silver	109-1	0.02	0.03	0.03	0.02	15.03	ppb
Silver	107-1	0.03	0.02	0.02	0.02	19.20	ppb
Sodium	23-2	59.85	58.37	54.75	57.66	4.55	ppb
Strontium	86-1	-0.05	-0.06	-0.12	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-231.32	-571.94	-1016.10	-606.45		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.01	0.00	0.01	121.33	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.06	ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.04		ppb
Titanium	47-1	-0.09	-0.13	-0.12	-0.11		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	-0.03	-0.06	-0.12	-0.07		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116760BL	Instrumnet Name :	P8
Client Sample ID :	PB116760BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:36:51	DataFile Name :	044CCBE.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	0.00	-0.02	-0.02	-0.01		ppb

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : K1285-09 Instrumnet Name : P8
 Client Sample ID : MONKEY Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:40:19 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.27	17.83	17.88	18.66	7.48	ppb
Antimony	121-1	0.17	0.15	0.18	0.17	9.88	ppb
Arsenic	75-1	0.18	0.22	0.23	0.21	10.35	ppb
Barium	135-1	29.22	28.48	29.21	28.97	1.45	ppb
Barium	137-1	28.71	28.20	28.74	28.55	1.06	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	21.09	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	12.84	11.50	11.97	12.10	5.63	ppb
Boron	11-1	12.71	11.22	12.18	12.04	6.26	ppb
Cadmium	111-1	-0.07	0.01	-0.01	-0.02		ppb
Cadmium	106-1	-1.05	-0.24	-0.22	-0.50		ppb
Cadmium	108-1	0.04	-0.03	0.16	0.06	178.17	ppb
Calcium	43-1	16369.32	16219.10	16319.03	16302.48	0.47	ppb
Calcium	44-1	16843.15	16459.74	16386.41	16563.10	1.48	ppb
Chromium	52-2	0.31	0.31	0.21	0.28	21.33	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	16.89	ppb
Copper	63-2	290.04	295.02	286.91	290.66	1.41	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				102		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	20.67	22.34	20.49	21.17	4.82	ppb
Iron	57-2	16.21	25.20	16.71	19.37	26.08	ppb
Krypton	83-1						cps
Lead	206-1	3.73	3.97	3.85	3.85	3.18	ppb
Lead	207-1	3.51	3.55	3.35	3.47	3.16	ppb
Lead	208-1	3.62	3.75	3.65	3.67	1.86	ppb
Lithium	6-1				107		%
Magnesium	24-2	5878.39	5997.83	5933.06	5936.43	1.01	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-09	Instrumnet Name :	P8
Client Sample ID :	MONKEY	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:40:19	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.36	10.87	10.39	10.54	2.72	ppb
Molybdenum	94-1	0.19	0.26	0.15	0.20	28.97	ppb
Molybdenum	95-1	0.21	0.17	0.17	0.18	14.01	ppb
Molybdenum	96-1	0.19	0.18	0.18	0.18	5.19	ppb
Molybdenum	97-1	0.16	0.16	0.16	0.16	2.29	ppb
Molybdenum	98-1	0.19	0.19	0.17	0.18	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.14	3.11	3.19	3.15	1.26	ppb
Phosphorus	31-2	553.09	652.22	583.68	596.33	8.51	ppb
Potassium	39-2	1695.89	1729.77	1641.18	1688.95	2.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	0.00	5.57	1.86	2.48	114.60	ppb
Selenium	78-2	-0.80	-0.80	-1.10	-0.90		ppb
Selenium	82-1	0.17	1.13	-0.45	0.28	281.82	ppb
Silicon	28-1	2468.55	2430.00	2488.36	2462.31	1.21	ppb
Silver	109-1	0.04	0.04	0.03	0.03	20.24	ppb
Silver	107-1	0.03	0.04	0.03	0.03	19.07	ppb
Sodium	23-2	31348.46	31969.71	31659.58	31659.25	0.98	ppb
Strontium	86-1	46.99	46.19	46.50	46.56	0.87	ppb
Strontium	88-1	48.35	48.07	48.21	48.21	0.29	ppb
Sulfur	34-1	6702.42	6337.36	6408.33	6482.71	2.99	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.02	0.01	26.82	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	35.09	ppb
Tin	118-1	0.13	0.08	0.12	0.11	22.88	ppb
Titanium	47-1	0.38	0.36	0.36	0.37	3.85	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.20	ppb
Vanadium	51-2	0.10	0.09	0.09	0.09	6.68	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	376.21	377.22	369.68	374.37	1.09	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-09	Instrumnet Name :	P8
Client Sample ID :	MONKEY	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:40:19	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	16.10	ppb
Zirconium	91-1	0.04	-0.02	0.01	0.01	355.76	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-10	Instrumnet Name :	P8
Client Sample ID :	FB-1-30-19	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:43:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.68	-0.68	-0.54		ppb
Antimony	121-1	0.00	0.00	0.02	0.01	185.77	ppb
Arsenic	75-1	-0.03	-0.01	-0.05	-0.03		ppb
Barium	135-1	-0.01	0.02	0.01	0.01	158.09	ppb
Barium	137-1	0.02	0.04	0.02	0.02	38.95	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	58.48	ppb
Bismuth	209-1				121		%
Bismuth	209-2				116		%
Boron	10-1	2.22	1.54	2.29	2.02	20.75	ppb
Boron	11-1	1.61	1.54	1.41	1.52	6.75	ppb
Cadmium	111-1	-0.11	0.02	0.06	-0.01		ppb
Cadmium	106-1	-1.49	0.25	0.78	-0.15		ppb
Cadmium	108-1	-0.13	0.05	-0.04	-0.04		ppb
Calcium	43-1	-1.90	0.84	-0.71	-0.59		ppb
Calcium	44-1	-0.07	0.02	4.09	1.35	176.28	ppb
Chromium	52-2	-0.04	-0.03	-0.09	-0.05		ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.25	0.17	0.19	0.20	20.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				111		%
Indium	115-1				118		%
Indium	115-2				109		%
Iron	56-2	0.70	0.73	0.86	0.76	11.22	ppb
Iron	57-2	0.55	1.35	-0.59	0.44	223.13	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.06	0.06	19.78	ppb
Lead	207-1	0.06	0.06	0.06	0.06	8.22	ppb
Lead	208-1	0.07	0.06	0.07	0.06	10.87	ppb
Lithium	6-1				116		%
Magnesium	24-2	0.63	0.91	-0.66	0.29	286.88	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-10	Instrumnet Name :	P8
Client Sample ID :	FB-1-30-19	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:43:50	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.00	-0.02	-0.02		ppb
Molybdenum	94-1	-0.02	0.02	0.01	0.00	1994.10	ppb
Molybdenum	95-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.02	0.01	124.37	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	60.58	ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.07	0.11	0.09	23.59	ppb
Phosphorus	31-2	-37.40	-37.34	-37.32	-37.35		ppb
Potassium	39-2	2.58	9.95	23.92	12.15	89.23	ppb
Rhodium	103-1				117		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				105		%
Selenium	77-2	0.00	1.70	3.43	1.71	100.26	ppb
Selenium	78-2	-0.57	-0.58	-0.30	-0.48		ppb
Selenium	82-1	-0.13	0.76	0.27	0.30	148.49	ppb
Silicon	28-1	-24.40	-22.34	-23.73	-23.49		ppb
Silver	109-1	0.01	0.02	0.00	0.01	77.85	ppb
Silver	107-1	0.00	0.02	0.00	0.01	127.97	ppb
Sodium	23-2	54.82	55.91	54.96	55.23	1.08	ppb
Strontium	86-1	-0.09	-0.11	-0.10	-0.10		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	21.70	ppb
Sulfur	34-1	-3076.02	-2267.64	-2334.95	-2559.54		ppb
Terbium	159-1				119		%
Terbium	159-2				112		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.05	-0.05	-0.04	-0.05		ppb
Titanium	47-1	-0.13	-0.13	-0.06	-0.11		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	50.07	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	192.50	ppb
Yttrium	89-1				118		%
Yttrium	89-2				109		%
Zinc	66-2	0.17	0.41	0.33	0.30	39.26	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-10	Instrumnet Name :	P8
Client Sample ID :	FB-1-30-19	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:43:50	DataFile Name :	046SMPL.d

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

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:47:18	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54642.34	54885.63	54172.18	54566.71	0.66	ppb
Antimony	121-1	518.84	500.31	505.15	508.10	1.89	ppb
Arsenic	75-1	492.02	488.91	499.83	493.59	1.14	ppb
Barium	135-1	2613.16	2562.80	2504.64	2560.20	2.12	ppb
Barium	137-1	2621.30	2553.04	2531.65	2568.66	1.82	ppb
Beryllium	9-1	513.43	507.08	506.15	508.89	0.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	501.24	505.06	512.28	506.19	1.11	ppb
Boron	11-1	488.68	494.32	510.95	497.98	2.33	ppb
Cadmium	111-1	495.86	479.30	486.11	487.09	1.71	ppb
Cadmium	106-1	517.12	499.34	493.43	503.29	2.45	ppb
Cadmium	108-1	500.53	494.75	490.81	495.36	0.99	ppb
Calcium	43-1	239837.47	242165.85	243232.14	241745.15	0.72	ppb
Calcium	44-1	242642.46	244316.28	245194.70	244051.14	0.53	ppb
Chromium	52-2	512.30	522.73	510.00	515.01	1.32	ppb
Cobalt	59-2	524.76	533.45	516.56	524.92	1.61	ppb
Copper	63-2	1031.03	1047.57	1010.05	1029.55	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	132004.56	134067.88	131777.99	132616.81	0.95	ppb
Iron	57-2	133290.31	134481.01	131219.33	132996.89	1.24	ppb
Krypton	83-1						cps
Lead	206-1	530.67	510.73	523.79	521.73	1.94	ppb
Lead	207-1	509.97	497.73	503.03	503.57	1.22	ppb
Lead	208-1	526.80	512.61	519.43	519.61	1.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	262712.03	261623.90	258064.70	260800.21	0.93	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:47:18	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.62	1052.79	1031.92	1040.11	1.07	ppb
Molybdenum	94-1	2613.93	2561.58	2569.79	2581.77	1.09	ppb
Molybdenum	95-1	2667.64	2570.52	2612.90	2617.02	1.86	ppb
Molybdenum	96-1	2670.73	2598.97	2615.67	2628.46	1.43	ppb
Molybdenum	97-1	2656.07	2566.44	2580.11	2600.87	1.86	ppb
Molybdenum	98-1	2632.14	2597.94	2591.74	2607.27	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.70	522.73	509.30	515.91	1.30	ppb
Phosphorus	31-2	10059.25	10603.27	10767.92	10476.81	3.54	ppb
Potassium	39-2	129197.03	130170.47	128851.67	129406.39	0.53	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	567.80	522.15	493.03	527.66	7.14	ppb
Selenium	78-2	519.02	515.40	505.70	513.37	1.34	ppb
Selenium	82-1	516.31	500.57	510.25	509.04	1.56	ppb
Silicon	28-1	524.37	522.82	545.24	530.81	2.36	ppb
Silver	109-1	505.38	495.42	488.03	496.28	1.75	ppb
Silver	107-1	505.69	487.50	498.44	497.21	1.84	ppb
Sodium	23-2	261057.14	263807.11	257581.10	260815.12	1.20	ppb
Strontium	86-1	511.36	498.53	504.75	504.88	1.27	ppb
Strontium	88-1	529.55	514.82	517.41	520.59	1.51	ppb
Sulfur	34-1	11463.92	11744.73	11791.02	11666.55	1.52	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	528.13	510.76	530.30	523.06	2.05	ppb
Thallium	205-1	531.46	517.21	528.52	525.73	1.43	ppb
Tin	118-1	523.95	496.69	504.44	508.36	2.76	ppb
Titanium	47-1	2579.37	2552.70	2600.94	2577.67	0.94	ppb
Uranium	238-1	538.03	526.27	533.51	532.60	1.11	ppb
Vanadium	51-2	523.00	528.48	514.16	521.88	1.38	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	1015.16	1032.77	1011.20	1019.71	1.13	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:47:18	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	529.06	517.00	519.66	521.90	1.21	ppb
Zirconium	91-1	508.47	499.72	504.18	504.12	0.87	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:50:36	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.88	-1.20	-0.85		ppb
Antimony	121-1	0.19	0.19	0.21	0.20	6.13	ppb
Arsenic	75-1	0.00	0.05	0.03	0.03	92.74	ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.02	0.00	-0.01	0.00	362.88	ppb
Beryllium	9-1	0.06	0.03	0.03	0.04	45.59	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	10-1	7.05	5.40	5.79	6.08	14.22	ppb
Boron	11-1	6.69	6.23	5.10	6.01	13.60	ppb
Cadmium	111-1	0.09	0.01	0.01	0.04	129.34	ppb
Cadmium	106-1	1.29	-0.03	0.19	0.48	146.64	ppb
Cadmium	108-1	0.00	-0.03	-0.10	-0.04		ppb
Calcium	43-1	-12.56	-11.21	-10.90	-11.56		ppb
Calcium	44-1	-5.70	-3.01	-2.38	-3.70		ppb
Chromium	52-2	-0.10	0.05	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.18	0.16	0.13	0.16	15.96	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				111		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	0.24	0.39	0.16	0.26	43.86	ppb
Iron	57-2	0.09	0.14	1.52	0.59	138.88	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.21	0.20	0.21	6.49	ppb
Lead	207-1	0.26	0.21	0.22	0.23	11.06	ppb
Lead	208-1	0.24	0.21	0.20	0.22	9.38	ppb
Lithium	6-1				108		%
Magnesium	24-2	-0.41	-0.58	-0.36	-0.45		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:50:36	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.06	-0.07	-0.05		ppb
Molybdenum	94-1	0.20	0.14	0.12	0.15	28.05	ppb
Molybdenum	95-1	0.22	0.16	0.15	0.18	20.25	ppb
Molybdenum	96-1	0.20	0.13	0.15	0.16	20.09	ppb
Molybdenum	97-1	0.18	0.17	0.17	0.17	3.87	ppb
Molybdenum	98-1	0.20	0.17	0.14	0.17	17.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.00	0.02	93.95	ppb
Phosphorus	31-2	-10.98	-43.48	-43.51	-32.66		ppb
Potassium	39-2	40.30	45.03	23.66	36.33	30.90	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	1.78	0.00	0.00	0.59	173.21	ppb
Selenium	78-2	-0.25	-0.55	0.32	-0.16		ppb
Selenium	82-1	0.39	0.48	1.14	0.67	61.70	ppb
Silicon	28-1	-11.24	-9.49	-8.41	-9.71		ppb
Silver	109-1	0.07	0.06	0.04	0.06	31.19	ppb
Silver	107-1	0.05	0.04	0.05	0.05	14.24	ppb
Sodium	23-2	78.67	77.03	67.01	74.24	8.50	ppb
Strontium	86-1	-0.13	-0.11	-0.10	-0.11		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1343.13	-759.31	-875.44	-992.63		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.03	0.02	0.03	11.12	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	1.07	ppb
Tin	118-1	-0.01	-0.03	-0.01	-0.02		ppb
Titanium	47-1	-0.02	-0.08	-0.11	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	91.21	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	0.00	0.19	-0.08	0.04	376.07	ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:50:36	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	424.19	ppb
Zirconium	91-1	0.00	0.00	-0.02	-0.01		ppb

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:50:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	63	65	61	8.56	cps
Antimony	121-1	175	217	125	172	26.65	cps
Arsenic	75-1	826	756	740	774	5.90	cps
Barium	135-1	50	33	8	31	68.64	cps
Barium	137-1	58	33	33	42	34.65	cps
Beryllium	9-1	43	60	43	49	19.69	cps
Bismuth	209-1	2852815	2788394	2826548	2822586	1.15	cps
Bismuth	209-2	1498160	1519515	1535349	1517675	1.23	cps
Boron	10-1	217	150	150	172	22.35	cps
Boron	11-1	967	858	800	875	9.67	cps
Cadmium	111-1	1140	1064	812	1005	17.10	cps
Cadmium	106-1	1634	1509	1158	1433	17.18	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	843	870	890	868	2.70	cps
Calcium	44-1	38687	39803	38917	39136	1.51	cps
Chromium	52-2	1690	1790	1857	1779	4.72	cps
Cobalt	59-2	103	117	80	100	18.56	cps
Copper	63-2	603	590	593	596	1.17	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	25	8	75	36	96.08	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	4906098	4935765	4792379	4878081	1.55	cps
Holmium	165-2	2144245	2129574	2221989	2165269	2.29	cps
Indium	115-1	4857834	4700856	4840094	4799594	1.79	cps
Indium	115-2	490195	495832	498903	494977	0.89	cps
Iron	56-2	4212	3778	3990	3993	5.43	cps
Iron	57-2	128	144	78	117	29.74	cps
Krypton	83-1	750	617	823	730	14.35	cps
Lead	206-1	178	206	261	215	19.75	cps
Lead	207-1	183	200	161	181	10.75	cps
Lead	208-1	828	889	844	854	3.70	cps
Lithium	6-1	1071640	1077638	1096691	1081990	1.21	cps
Magnesium	24-2	442	392	442	425	6.79	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:50:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	77	103	101	23.16	cps
Molybdenum	94-1	217	183	217	206	9.36	cps
Molybdenum	95-1	75	75	75	75	0.00	cps
Molybdenum	96-1	117	92	83	97	17.84	cps
Molybdenum	97-1	92	133	133	119	20.14	cps
Molybdenum	98-1	192	83	142	139	39.04	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	53	50	69	43.37	cps
Phosphorus	31-2	33	33	0	22	86.60	cps
Potassium	39-2	7886	8086	7928	7966	1.33	cps
Rhodium	103-1	4948622	4813168	4913215	4891668	1.44	cps
Rhodium	103-2	2253793	2282004	2266739	2267512	0.62	cps
Scandium	45-1	4083859	4040946	4031186	4051997	0.69	cps
Scandium	45-2	71293	71363	71819	71492	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	7	15	9	65.47	cps
Selenium	82-1	-38	23	-189	-68	-160.60	cps
Silicon	28-1	442214	440732	442829	441925	0.24	cps
Silver	109-1	117	83	150	117	28.57	cps
Silver	107-1	192	117	150	153	24.60	cps
Sodium	23-2	20057	20591	20399	20349	1.33	cps
Strontium	86-1	1275	1075	1150	1167	8.66	cps
Strontium	88-1	108	100	200	136	40.77	cps
Sulfur	34-1	604386	607567	607864	606606	0.32	cps
Terbium	159-1	5150411	5063993	5207446	5140617	1.41	cps
Terbium	159-2	2137562	2136012	2146398	2139991	0.26	cps
Thallium	203-1	33	50	75	53	39.74	cps
Thallium	205-1	117	75	150	114	33.00	cps
Tin	118-1	458	442	492	464	5.49	cps
Titanium	47-1	217	225	342	261	26.77	cps
Uranium	238-1	50	50	17	39	49.48	cps
Vanadium	51-2	33	13	23	23	42.86	cps
Yttrium	89-1	5690184	5538975	5657382	5628847	1.41	cps
Yttrium	89-2	398320	398750	400812	399294	0.33	cps
Zinc	66-2	140	87	123	117	23.39	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:50:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	475	425	392	431	9.74	cps
Zirconium	91-1	117	175	58	117	50.00	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:58:10	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330	323	348	333	3.85	cps
Antimony	121-1	12423	12932	11764	12373	4.73	cps
Arsenic	75-1	2856	3017	2646	2840	6.55	cps
Barium	135-1	12715	12673	13099	12829	1.83	cps
Barium	137-1	23054	22629	22487	22723	1.30	cps
Beryllium	9-1	1603	1570	1573	1582	1.16	cps
Bismuth	209-1	2813348	2875282	2850436	2846356	1.10	cps
Bismuth	209-2	1520111	1508687	1527436	1518745	0.62	cps
Boron	10-1	5176	5635	5109	5307	5.39	cps
Boron	11-1	25206	25582	26275	25688	2.11	cps
Cadmium	111-1	2424	2363	2609	2465	5.20	cps
Cadmium	106-1	1550	1709	1867	1709	9.27	cps
Cadmium	108-1	117	125	188	143	27.07	cps
Calcium	43-1	11592	11628	11458	11559	0.77	cps
Calcium	44-1	209676	208806	209007	209163	0.22	cps
Chromium	52-2	4788	5021	4878	4895	2.40	cps
Cobalt	59-2	3117	2827	2937	2960	4.95	cps
Copper	63-2	5485	5208	5248	5313	2.82	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	4816278	4885310	4849767	4850452	0.71	cps
Holmium	165-2	2136812	2096255	2122660	2118576	0.97	cps
Indium	115-1	4732894	4898326	4845737	4825652	1.75	cps
Indium	115-2	495967	492615	496349	494977	0.42	cps
Iron	56-2	62072	62501	63025	62533	0.76	cps
Iron	57-2	1667	1595	1800	1687	6.18	cps
Krypton	83-1	650	663	627	647	2.87	cps
Lead	206-1	3273	3206	3050	3176	3.59	cps
Lead	207-1	2889	2795	2923	2869	2.31	cps
Lead	208-1	13098	12781	12319	12733	3.07	cps
Lithium	6-1	1082020	1054650	1070446	1069039	1.29	cps
Magnesium	24-2	33374	31344	33340	32686	3.56	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:58:10	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	763	597	707	689	12.30	cps
Molybdenum	94-1	13307	12598	12598	12834	3.19	cps
Molybdenum	95-1	16260	15868	15735	15954	1.71	cps
Molybdenum	96-1	17195	17195	16936	17109	0.87	cps
Molybdenum	97-1	9954	9829	9996	9926	0.87	cps
Molybdenum	98-1	25074	25308	24840	25074	0.93	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1010	1110	1120	1080	5.63	cps
Phosphorus	31-2	92	83	133	103	26.06	cps
Potassium	39-2	29958	30142	28881	29660	2.30	cps
Rhodium	103-1	4893242	4945591	4886419	4908417	0.66	cps
Rhodium	103-2	2250895	2237949	2233011	2240619	0.41	cps
Scandium	45-1	4164481	4133468	4128810	4142253	0.47	cps
Scandium	45-2	72010	71045	71708	71588	0.69	cps
Selenium	77-2	13	7	20	13	49.99	cps
Selenium	78-2	46	28	37	37	25.00	cps
Selenium	82-1	592	595	536	574	5.74	cps
Silicon	28-1	494197	492520	489867	492195	0.44	cps
Silver	109-1	7352	7411	7377	7380	0.40	cps
Silver	107-1	7811	7678	7969	7819	1.87	cps
Sodium	23-2	94984	95780	94069	94944	0.90	cps
Strontium	86-1	3034	2834	3076	2981	4.34	cps
Strontium	88-1	16803	16402	17128	16778	2.17	cps
Sulfur	34-1	614539	619007	622376	618641	0.64	cps
Terbium	159-1	5152216	5252661	5165603	5190160	1.05	cps
Terbium	159-2	2130197	2064833	2115445	2103492	1.63	cps
Thallium	203-1	3484	3642	3734	3620	3.50	cps
Thallium	205-1	8637	8478	8745	8620	1.56	cps
Tin	118-1	23880	23079	23321	23427	1.75	cps
Titanium	47-1	5543	5460	5501	5501	0.76	cps
Uranium	238-1	10330	10263	10263	10285	0.37	cps
Vanadium	51-2	5835	6282	6252	6123	4.08	cps
Yttrium	89-1	5791274	5749123	5736044	5758814	0.50	cps
Yttrium	89-2	401618	402016	403490	402374	0.25	cps
Zinc	66-2	733	770	823	776	5.84	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 14:58:10	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10780	10947	10071	10599	4.39	cps
Zirconium	91-1	2217	2542	2134	2298	9.39	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:02:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16058	15713	16121	15964	1.38	cps
Antimony	121-1	338381	338452	341939	339591	0.60	cps
Arsenic	75-1	114941	117807	116617	116455	1.24	cps
Barium	135-1	330860	335351	341783	335998	1.63	cps
Barium	137-1	586681	576332	592093	585035	1.37	cps
Beryllium	9-1	79230	81147	81241	80539	1.41	cps
Bismuth	209-1	2858992	2879046	2846892	2861643	0.57	cps
Bismuth	209-2	1528795	1539829	1535810	1534812	0.36	cps
Boron	10-1	10571	11088	11005	10888	2.55	cps
Boron	11-1	52614	52430	54446	53163	2.10	cps
Cadmium	111-1	82982	83742	84054	83593	0.66	cps
Cadmium	106-1	10071	10955	9796	10274	5.90	cps
Cadmium	108-1	5935	5614	5997	5849	3.52	cps
Calcium	43-1	114092	113429	114344	113955	0.41	cps
Calcium	44-1	1896794	1885604	1898450	1893616	0.37	cps
Chromium	52-2	84899	83591	85050	84513	0.95	cps
Cobalt	59-2	156137	157577	156551	156755	0.47	cps
Copper	63-2	255828	255122	254831	255260	0.20	cps
Dysprosium	156-1	0	67	8	25	145.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	33	50	47	26.97	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	4918142	4940722	4923179	4927348	0.24	cps
Holmium	165-2	2122820	2130005	2153031	2135286	0.74	cps
Indium	115-1	4778672	4854984	4877750	4837135	1.07	cps
Indium	115-2	493984	499586	491983	495184	0.80	cps
Iron	56-2	2951707	2935807	2934953	2940823	0.32	cps
Iron	57-2	71935	72086	71154	71725	0.70	cps
Krypton	83-1	670	653	700	674	3.51	cps
Lead	206-1	158203	154045	158269	156839	1.54	cps
Lead	207-1	142477	139402	144537	142139	1.82	cps
Lead	208-1	642126	630715	642915	638585	1.07	cps
Lithium	6-1	1081663	1084249	1093569	1086494	0.58	cps
Magnesium	24-2	344036	340926	341916	342293	0.46	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:02:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	55001	55493	56333	55609	1.21	cps
Molybdenum	94-1	682035	664718	678168	674974	1.35	cps
Molybdenum	95-1	851213	835207	851614	846011	1.11	cps
Molybdenum	96-1	937108	935436	949311	940618	0.81	cps
Molybdenum	97-1	524800	527748	527656	526734	0.32	cps
Molybdenum	98-1	1394723	1370829	1363585	1376379	1.18	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	45284	45086	44742	45037	0.61	cps
Phosphorus	31-2	1292	1258	1267	1272	1.36	cps
Potassium	39-2	122042	122252	122210	122168	0.09	cps
Rhodium	103-1	4886409	4946863	4901098	4911456	0.64	cps
Rhodium	103-2	2247164	2257229	2197433	2233942	1.43	cps
Scandium	45-1	4155140	4079560	4154705	4129802	1.05	cps
Scandium	45-2	69836	71554	71324	70905	1.32	cps
Selenium	77-2	113	80	87	93	18.90	cps
Selenium	78-2	269	319	357	315	14.16	cps
Selenium	82-1	5815	5973	5815	5868	1.55	cps
Silicon	28-1	733530	736709	746284	738841	0.90	cps
Silver	109-1	378457	372532	379130	376706	0.96	cps
Silver	107-1	396212	401551	396423	398062	0.76	cps
Sodium	23-2	812662	805145	811208	809672	0.49	cps
Strontium	86-1	123749	122337	123976	123354	0.72	cps
Strontium	88-1	1041741	1049287	1051745	1047591	0.50	cps
Sulfur	34-1	650679	649472	651609	650587	0.16	cps
Terbium	159-1	5122281	5212407	5264101	5199596	1.38	cps
Terbium	159-2	2114577	2145966	2126449	2128997	0.74	cps
Thallium	203-1	199388	196016	199521	198308	1.00	cps
Thallium	205-1	469064	465007	472554	468875	0.81	cps
Tin	118-1	239153	235774	239494	238140	0.86	cps
Titanium	47-1	287548	282705	285200	285151	0.85	cps
Uranium	238-1	549048	549127	553301	550492	0.44	cps
Vanadium	51-2	61900	61461	61605	61655	0.36	cps
Yttrium	89-1	5702622	5824452	5782725	5769933	1.07	cps
Yttrium	89-2	402729	406265	399697	402897	0.82	cps
Zinc	66-2	29044	28637	28964	28881	0.75	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:02:02	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	541576	536530	543491	540532	0.67	cps
Zirconium	91-1	119918	116806	119033	118586	1.35	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:05:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39121	38858	38243	38741	1.16	cps
Antimony	121-1	864113	870760	861632	865502	0.55	cps
Arsenic	75-1	294820	290705	291177	292234	0.77	cps
Barium	135-1	861742	863830	859736	861769	0.24	cps
Barium	137-1	1498465	1538725	1516941	1518044	1.33	cps
Beryllium	9-1	199299	203649	203198	202049	1.18	cps
Bismuth	209-1	3018045	2894417	2920489	2944317	2.21	cps
Bismuth	209-2	1572077	1557424	1563103	1564201	0.47	cps
Boron	10-1	27126	28112	28404	27881	2.40	cps
Boron	11-1	132052	135939	136722	134904	1.85	cps
Cadmium	111-1	206511	209571	207440	207841	0.75	cps
Cadmium	106-1	22887	23705	22787	23126	2.18	cps
Cadmium	108-1	14975	15180	15951	15369	3.35	cps
Calcium	43-1	283857	284865	285442	284721	0.28	cps
Calcium	44-1	4647706	4613427	4673214	4644783	0.65	cps
Chromium	52-2	203794	205464	202945	204068	0.63	cps
Cobalt	59-2	390272	385570	383571	386471	0.89	cps
Copper	63-2	624143	625891	619858	623297	0.50	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	3	23	7	11	96.43	cps
Gadolinium	160-1	42	75	83	67	33.07	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	5132487	5091500	5096537	5106841	0.44	cps
Holmium	165-2	2216573	2191230	2133468	2180424	1.95	cps
Indium	115-1	5019129	4889635	4962466	4957077	1.31	cps
Indium	115-2	495769	494018	490437	493408	0.55	cps
Iron	56-2	7094950	7096490	7069467	7086969	0.21	cps
Iron	57-2	176553	174412	176055	175673	0.64	cps
Krypton	83-1	673	560	697	643	11.36	cps
Lead	206-1	401195	402387	404702	402762	0.44	cps
Lead	207-1	363136	365885	368298	365773	0.71	cps
Lead	208-1	1639609	1636608	1641434	1639217	0.15	cps
Lithium	6-1	1115462	1100264	1119156	1111627	0.90	cps
Magnesium	24-2	845345	845194	828963	839834	1.12	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:05:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137694	136688	135500	136627	0.80	cps
Molybdenum	94-1	1759304	1718370	1712198	1729958	1.48	cps
Molybdenum	95-1	2195057	2180003	2205074	2193378	0.58	cps
Molybdenum	96-1	2421712	2424228	2431935	2425959	0.22	cps
Molybdenum	97-1	1349996	1334015	1359182	1347731	0.94	cps
Molybdenum	98-1	3424520	3423037	3434817	3427458	0.19	cps
Neodymium	150-1	53	27	47	42	32.87	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	110981	110208	110075	110421	0.44	cps
Phosphorus	31-2	2984	3075	3101	3053	2.01	cps
Potassium	39-2	291604	292909	290405	291639	0.43	cps
Rhodium	103-1	5016285	4949395	4887938	4951206	1.30	cps
Rhodium	103-2	2196479	2224182	2193294	2204652	0.77	cps
Scandium	45-1	4265109	4121372	4119075	4168518	2.01	cps
Scandium	45-2	71283	71521	71930	71578	0.46	cps
Selenium	77-2	263	187	183	211	21.44	cps
Selenium	78-2	800	772	744	772	3.60	cps
Selenium	82-1	14966	14999	14823	14930	0.63	cps
Silicon	28-1	1058947	1061951	1074262	1065054	0.76	cps
Silver	109-1	954308	951720	964559	956863	0.71	cps
Silver	107-1	998592	1008273	1003998	1003621	0.48	cps
Sodium	23-2	1996216	1966881	1991630	1984909	0.80	cps
Strontium	86-1	310067	312442	306032	309514	1.05	cps
Strontium	88-1	2651466	2688237	2651296	2663666	0.80	cps
Sulfur	34-1	700080	696218	698023	698107	0.28	cps
Terbium	159-1	5446074	5326506	5401093	5391224	1.12	cps
Terbium	159-2	2198219	2198826	2159464	2185503	1.03	cps
Thallium	203-1	505130	519047	517389	513856	1.48	cps
Thallium	205-1	1213529	1211251	1236993	1220591	1.17	cps
Tin	118-1	597456	600629	603324	600469	0.49	cps
Titanium	47-1	710709	715727	711977	712804	0.37	cps
Uranium	238-1	1419840	1431686	1427365	1426297	0.42	cps
Vanadium	51-2	152500	153635	152358	152831	0.46	cps
Yttrium	89-1	5992924	5927815	5804636	5908458	1.62	cps
Yttrium	89-2	399805	401633	396687	399375	0.63	cps
Zinc	66-2	70994	72140	69135	70756	2.14	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:05:52	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1391692	1402861	1368228	1387593	1.27	cps
Zirconium	91-1	299458	304994	299297	301250	1.08	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:09:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78177	78132	77035	77782	0.83	cps
Antimony	121-1	1764510	1786959	1754445	1768638	0.94	cps
Arsenic	75-1	584856	587508	593506	588623	0.75	cps
Barium	135-1	1742149	1778769	1748067	1756328	1.12	cps
Barium	137-1	3036866	3057033	3063668	3052522	0.46	cps
Beryllium	9-1	399306	400078	398791	399392	0.16	cps
Bismuth	209-1	2918224	2960947	3033778	2970983	1.97	cps
Bismuth	209-2	1535886	1541446	1519148	1532160	0.76	cps
Boron	10-1	54529	55500	56504	55511	1.78	cps
Boron	11-1	266542	268921	270763	268742	0.79	cps
Cadmium	111-1	419822	413785	415528	416378	0.75	cps
Cadmium	106-1	45185	44892	45386	45155	0.55	cps
Cadmium	108-1	29963	30255	30376	30198	0.70	cps
Calcium	43-1	565104	566202	570997	567434	0.55	cps
Calcium	44-1	9057550	9054512	9212963	9108342	0.99	cps
Chromium	52-2	409476	407141	401789	406135	0.97	cps
Cobalt	59-2	776159	768742	757252	767384	1.24	cps
Copper	63-2	1242514	1238720	1227608	1236281	0.63	cps
Dysprosium	156-1	17	33	75	42	72.11	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	58	25	33	39	44.62	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	5057875	5095098	5209060	5120678	1.54	cps
Holmium	165-2	2167504	2114426	2123311	2135080	1.33	cps
Indium	115-1	4893850	4874337	4930247	4899478	0.58	cps
Indium	115-2	486884	481143	481698	483241	0.66	cps
Iron	56-2	14215713	14295327	13989195	14166745	1.12	cps
Iron	57-2	351179	352840	347392	350470	0.80	cps
Krypton	83-1	690	690	713	698	1.93	cps
Lead	206-1	799876	816391	809502	808590	1.03	cps
Lead	207-1	727869	743508	741473	737617	1.15	cps
Lead	208-1	3334261	3365635	3355697	3351864	0.48	cps
Lithium	6-1	1082297	1098141	1095681	1092040	0.78	cps
Magnesium	24-2	1703703	1700520	1670963	1691728	1.07	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:09:35	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	276047	272767	267337	272050	1.62	cps
Molybdenum	94-1	3488536	3477900	3437358	3467931	0.78	cps
Molybdenum	95-1	4415886	4396169	4336737	4382931	0.94	cps
Molybdenum	96-1	4906367	4742455	4848006	4832276	1.72	cps
Molybdenum	97-1	2824326	2727823	2757703	2769951	1.78	cps
Molybdenum	98-1	6923695	6843757	6881825	6883092	0.58	cps
Neodymium	150-1	80	67	33	60	40.07	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	221555	217821	216800	218725	1.14	cps
Phosphorus	31-2	6360	6385	5610	6118	7.20	cps
Potassium	39-2	570543	571121	565284	568982	0.57	cps
Rhodium	103-1	4865304	4829222	4943575	4879367	1.20	cps
Rhodium	103-2	2220394	2156593	2153093	2176694	1.74	cps
Scandium	45-1	4123620	4085403	4175764	4128262	1.10	cps
Scandium	45-2	69678	70372	69668	69906	0.58	cps
Selenium	77-2	363	453	340	386	15.52	cps
Selenium	78-2	1491	1496	1537	1508	1.68	cps
Selenium	82-1	29626	29261	29481	29456	0.62	cps
Silicon	28-1	1629517	1658645	1630643	1639602	1.01	cps
Silver	109-1	1940080	1932522	1929711	1934104	0.28	cps
Silver	107-1	2053244	2047196	2051239	2050560	0.15	cps
Sodium	23-2	3906765	3879600	3837426	3874597	0.90	cps
Strontium	86-1	610838	614417	618412	614556	0.62	cps
Strontium	88-1	5136358	5293446	5125058	5184954	1.82	cps
Sulfur	34-1	772708	771366	767658	770577	0.34	cps
Terbium	159-1	5432573	5346123	5461675	5413457	1.11	cps
Terbium	159-2	2136000	2083222	2134922	2118048	1.42	cps
Thallium	203-1	1033501	1045390	1029525	1036139	0.80	cps
Thallium	205-1	2459189	2496326	2455319	2470278	0.92	cps
Tin	118-1	1208904	1224877	1206546	1213442	0.82	cps
Titanium	47-1	1431865	1453406	1480928	1455400	1.69	cps
Uranium	238-1	2951315	2930305	2996549	2959390	1.14	cps
Vanadium	51-2	308288	303595	300391	304091	1.31	cps
Yttrium	89-1	5733808	5868820	5863489	5822039	1.31	cps
Yttrium	89-2	399103	392144	396707	395985	0.89	cps
Zinc	66-2	138312	138685	135424	137473	1.30	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:09:35	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2769120	2747761	2787256	2768046	0.71	cps
Zirconium	91-1	607663	603605	603639	604969	0.39	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:13:12	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154229	154217	154674	154373	0.17	cps
Antimony	121-1	3563340	3578158	3457003	3532834	1.87	cps
Arsenic	75-1	1172635	1189779	1162612	1175009	1.17	cps
Barium	135-1	3454387	3551818	3420115	3475440	1.97	cps
Barium	137-1	6076529	6221458	5955462	6084483	2.19	cps
Beryllium	9-1	793872	796065	781111	790349	1.02	cps
Bismuth	209-1	2597524	3010081	3012838	2873481	8.32	cps
Bismuth	209-2	1513578	1536991	1558644	1536405	1.47	cps
Boron	10-1	107846	112145	110196	110062	1.96	cps
Boron	11-1	527652	542391	523604	531216	1.86	cps
Cadmium	111-1	837294	836040	812375	828569	1.69	cps
Cadmium	106-1	90125	90495	86929	89183	2.20	cps
Cadmium	108-1	60874	61439	59611	60641	1.54	cps
Calcium	43-1	1128308	1169790	1116281	1138126	2.47	cps
Calcium	44-1	18042419	18520258	17849616	18137431	1.90	cps
Chromium	52-2	817961	802445	802443	807617	1.11	cps
Cobalt	59-2	1550284	1524431	1547210	1540642	0.92	cps
Copper	63-2	2485038	2477481	2439505	2467341	0.99	cps
Dysprosium	156-1	58	42	33	44	28.64	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	50	100	83	78	32.74	cps
Gadolinium	160-2	33	13	13	20	57.74	cps
Holmium	165-1	4499871	5216548	5254761	4990393	8.52	cps
Holmium	165-2	2132972	2165423	2188093	2162163	1.28	cps
Indium	115-1	4334471	4994248	5022702	4783807	8.14	cps
Indium	115-2	474423	484366	489287	482692	1.57	cps
Iron	56-2	27880313	28324695	27899245	28034751	0.90	cps
Iron	57-2	698218	698566	689685	695490	0.72	cps
Krypton	83-1	670	700	723	698	3.83	cps
Lead	206-1	1668852	1653386	1598663	1640301	2.25	cps
Lead	207-1	1483047	1484036	1446037	1471040	1.47	cps
Lead	208-1	6798656	6764129	6529338	6697374	2.19	cps
Lithium	6-1	959191	1102690	1100629	1054170	7.80	cps
Magnesium	24-2	3330821	3306591	3320122	3319178	0.37	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:13:12	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	542356	539190	536748	539431	0.52	cps
Molybdenum	94-1	6942931	7050188	6726732	6906617	2.39	cps
Molybdenum	95-1	8734074	8891082	8585802	8736986	1.75	cps
Molybdenum	96-1	9612605	9925955	9411284	9649948	2.69	cps
Molybdenum	97-1	5539502	5551692	5340461	5477218	2.17	cps
Molybdenum	98-1	13788213	13906033	13445727	13713324	1.74	cps
Neodymium	150-1	167	120	253	180	37.59	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	434813	430598	428071	431161	0.79	cps
Phosphorus	31-2	12122	12131	11930	12061	0.94	cps
Potassium	39-2	1131486	1123476	1131250	1128737	0.40	cps
Rhodium	103-1	4311833	4910880	5024022	4748912	8.06	cps
Rhodium	103-2	2161784	2137852	2212128	2170588	1.75	cps
Scandium	45-1	3587864	4162071	4181494	3977143	8.48	cps
Scandium	45-2	69210	70204	71655	70357	1.75	cps
Selenium	77-2	743	810	890	814	9.02	cps
Selenium	78-2	3132	2971	2902	3002	3.93	cps
Selenium	82-1	59103	59940	58052	59032	1.60	cps
Silicon	28-1	2743917	2781374	2707261	2744184	1.35	cps
Silver	109-1	3867445	3871184	3798565	3845731	1.06	cps
Silver	107-1	4104044	4107968	3962697	4058236	2.04	cps
Sodium	23-2	7625900	7596964	7671666	7631510	0.49	cps
Strontium	86-1	1241892	1243656	1219282	1234943	1.10	cps
Strontium	88-1	10692953	10648190	10317140	10552761	1.95	cps
Sulfur	34-1	853903	856033	925667	878534	4.65	cps
Terbium	159-1	4747977	5535644	5575620	5286414	8.83	cps
Terbium	159-2	2128264	2126393	2185714	2146790	1.57	cps
Thallium	203-1	2132213	2154423	2134102	2140246	0.58	cps
Thallium	205-1	4916716	4997822	4814007	4909515	1.88	cps
Tin	118-1	2490926	2500043	2414846	2468605	1.89	cps
Titanium	47-1	2879748	2927401	2829318	2878822	1.70	cps
Uranium	238-1	5999904	5928498	5817211	5915204	1.56	cps
Vanadium	51-2	603835	609085	607371	606764	0.44	cps
Yttrium	89-1	5151692	5967183	6043984	5720953	8.64	cps
Yttrium	89-2	393387	395626	403389	397467	1.32	cps
Zinc	66-2	275811	274082	275620	275171	0.34	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:13:12	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5536339	5570713	5438396	5515149	1.24	cps
Zirconium	91-1	1229108	1245251	1199782	1224714	1.88	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:24:12 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	323160	320900	325846	323302	0.77	cps
Antimony	121-1	7051659	7047846	7032400	7043968	0.14	cps
Arsenic	75-1	2432712	2426070	2461330	2440038	0.77	cps
Barium	135-1	6933430	6926442	7010236	6956703	0.67	cps
Barium	137-1	12039635	12113489	12214529	12122551	0.72	cps
Beryllium	9-1	1626249	1626229	1661690	1638056	1.25	cps
Bismuth	209-1	2831378	2840831	2705037	2792415	2.72	cps
Bismuth	209-2	1475799	1514502	1513131	1501144	1.46	cps
Boron	10-1	221332	222468	226564	223455	1.23	cps
Boron	11-1	1114907	1101172	1131976	1116018	1.38	cps
Cadmium	111-1	1671090	1679677	1707379	1686049	1.12	cps
Cadmium	106-1	177352	178704	177901	177986	0.38	cps
Cadmium	108-1	121462	121245	121361	121356	0.09	cps
Calcium	43-1	2335434	2380964	2363221	2359873	0.97	cps
Calcium	44-1	37717425	37559054	37527027	37601169	0.27	cps
Chromium	52-2	1695781	1688113	1721431	1701775	1.03	cps
Cobalt	59-2	3147370	3100045	3175363	3140926	1.21	cps
Copper	63-2	4940603	4919632	4906682	4922306	0.35	cps
Dysprosium	156-1	92	67	117	92	27.27	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	67	58	67	64	7.53	cps
Gadolinium	160-2	23	17	7	16	53.90	cps
Holmium	165-1	5038654	5136690	4819407	4998250	3.25	cps
Holmium	165-2	2169934	2207355	2181149	2186146	0.88	cps
Indium	115-1	4790059	4824378	4698097	4770845	1.37	cps
Indium	115-2	466708	477355	476984	473683	1.28	cps
Iron	56-2	57971985	57345576	57880949	57732836	0.59	cps
Iron	57-2	1442531	1466137	1470430	1459699	1.03	cps
Krypton	83-1	680	693	790	721	8.33	cps
Lead	206-1	3164639	3223650	3248504	3212264	1.34	cps
Lead	207-1	2886177	2976442	2978500	2947040	1.79	cps
Lead	208-1	12910020	13064021	13169536	13047859	1.00	cps
Lithium	6-1	1099944	1102544	1062986	1088491	2.03	cps
Magnesium	24-2	6797234	6801386	6845268	6814629	0.39	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:24:12 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1114159	1118409	1119992	1117520	0.27	cps
Molybdenum	94-1	13933974	13929407	14007433	13956938	0.31	cps
Molybdenum	95-1	17367926	17529430	17518254	17471870	0.52	cps
Molybdenum	96-1	19291880	19475111	19367044	19378012	0.48	cps
Molybdenum	97-1	10862197	11010602	11083942	10985580	1.03	cps
Molybdenum	98-1	27496788	27980867	28152598	27876751	1.22	cps
Neodymium	150-1	247	233	247	242	3.18	cps
Neodymium	150-2	10	0	27	12	110.23	cps
Nickel	60-2	875551	872046	873747	873781	0.20	cps
Phosphorus	31-2	25883	25040	26275	25733	2.45	cps
Potassium	39-2	2422283	2406998	2402742	2410674	0.43	cps
Rhodium	103-1	4790191	4820830	4690398	4767140	1.43	cps
Rhodium	103-2	2144112	2152945	2142881	2146646	0.26	cps
Scandium	45-1	4272660	4165657	4071654	4169991	2.41	cps
Scandium	45-2	72382	73095	73836	73104	0.99	cps
Selenium	77-2	1810	1820	1927	1852	3.49	cps
Selenium	78-2	6366	6129	6387	6294	2.27	cps
Selenium	82-1	118229	120237	119099	119188	0.84	cps
Silicon	28-1	4940749	4894993	5033888	4956544	1.43	cps
Silver	109-1	7510340	7530580	7688466	7576462	1.29	cps
Silver	107-1	8029166	8011672	7985908	8008915	0.27	cps
Sodium	23-2	15708198	15652815	15742961	15701325	0.29	cps
Strontium	86-1	2532884	2567960	2554895	2551913	0.69	cps
Strontium	88-1	21195175	21287168	20991680	21158008	0.71	cps
Sulfur	34-1	1151222	1169708	1177350	1166094	1.15	cps
Terbium	159-1	5294913	5381702	5064304	5246973	3.13	cps
Terbium	159-2	2163463	2157777	2189148	2170130	0.77	cps
Thallium	203-1	4105071	4183250	4132473	4140264	0.96	cps
Thallium	205-1	9500118	9557611	9526792	9528174	0.30	cps
Tin	118-1	4841652	4874596	4964279	4893509	1.30	cps
Titanium	47-1	5882810	5819326	5883880	5862005	0.63	cps
Uranium	238-1	11397318	11278371	11476057	11383915	0.87	cps
Vanadium	51-2	1290846	1259085	1268397	1272776	1.28	cps
Yttrium	89-1	5899827	5929127	5613846	5814267	3.00	cps
Yttrium	89-2	401750	402474	405438	403220	0.48	cps
Zinc	66-2	559293	553676	562562	558511	0.80	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:24:12	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11130494	11219763	11110870	11153709	0.52	cps
Zirconium	91-1	2566476	2541792	2520568	2542946	0.90	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:27:34	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1663402	1637584	1653135	1651374	0.79	cps
Antimony	121-1	8186	8545	8778	8503	3.51	cps
Arsenic	75-1	4040	4003	3764	3936	3.81	cps
Barium	135-1	908	825	725	820	11.20	cps
Barium	137-1	1408	1458	1383	1417	2.70	cps
Beryllium	9-1	293	223	260	259	13.52	cps
Bismuth	209-1	2533325	2558029	2488261	2526538	1.40	cps
Bismuth	209-2	1333947	1331982	1462793	1376241	5.45	cps
Boron	10-1	3376	3692	3217	3428	7.06	cps
Boron	11-1	17528	16877	15183	16530	7.32	cps
Cadmium	111-1	1201	1184	1183	1190	0.83	cps
Cadmium	106-1	1625	1667	1608	1634	1.84	cps
Cadmium	108-1	17	58	25	33	66.14	cps
Calcium	43-1	11620720	11638456	11738692	11665956	0.55	cps
Calcium	44-1	186274031	187981031	189282344	187845802	0.80	cps
Chromium	52-2	12876	13023	12906	12935	0.60	cps
Cobalt	59-2	36180	36144	35041	35788	1.81	cps
Copper	63-2	6362	6135	6085	6194	2.38	cps
Dysprosium	156-1	83	42	33	53	50.76	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	7	7	27	13	86.58	cps
Gadolinium	160-1	75	83	67	75	11.11	cps
Gadolinium	160-2	43	23	17	28	49.95	cps
Holmium	165-1	4723967	4801072	4582086	4702375	2.36	cps
Holmium	165-2	2060081	2057745	2271559	2129795	5.76	cps
Indium	115-1	4435557	4495699	4503116	4478124	0.83	cps
Indium	115-2	464208	473790	517338	485112	5.84	cps
Iron	56-2	285396906	285384995	282545295	284442399	0.58	cps
Iron	57-2	7106684	7144035	6976790	7075836	1.24	cps
Krypton	83-1	743	620	673	679	9.11	cps
Lead	206-1	5051	4657	4718	4808	4.42	cps
Lead	207-1	4040	3979	4034	4017	0.84	cps
Lead	208-1	19796	18295	18578	18889	4.22	cps
Lithium	6-1	1075534	1083448	1051867	1070283	1.54	cps
Magnesium	24-2	34243405	33666551	34197654	34035870	0.94	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:27:34	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4047	4054	4171	4091	1.70	cps
Molybdenum	94-1	5501	5410	4859	5257	6.60	cps
Molybdenum	95-1	7527	7161	7469	7386	2.67	cps
Molybdenum	96-1	8778	8628	9120	8842	2.85	cps
Molybdenum	97-1	4493	4209	4401	4368	3.31	cps
Molybdenum	98-1	10813	10505	11072	10796	2.63	cps
Neodymium	150-1	80	120	93	98	20.83	cps
Neodymium	150-2	23	20	20	21	9.11	cps
Nickel	60-2	10871	10694	10631	10732	1.16	cps
Phosphorus	31-2	33	50	42	42	19.99	cps
Potassium	39-2	12014400	12009764	12015380	12013181	0.02	cps
Rhodium	103-1	4353129	4421568	4402499	4392399	0.80	cps
Rhodium	103-2	2035217	2038949	2240173	2104779	5.57	cps
Scandium	45-1	4017826	3993278	4041851	4017652	0.60	cps
Scandium	45-2	72013	71990	79970	74658	6.16	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	9	6	7	7	24.97	cps
Selenium	82-1	39	196	45	94	94.97	cps
Silicon	28-1	682529	696008	700457	692998	1.35	cps
Silver	109-1	1242	1050	1108	1133	8.67	cps
Silver	107-1	975	1183	1350	1170	16.07	cps
Sodium	23-2	79963773	78408177	79763623	79378524	1.07	cps
Strontium	86-1	10154	9937	9812	9968	1.74	cps
Strontium	88-1	75778	75241	75551	75523	0.36	cps
Sulfur	34-1	566324	567334	570538	568065	0.39	cps
Terbium	159-1	4918251	4938856	4898592	4918566	0.41	cps
Terbium	159-2	2035369	2094282	2246283	2125311	5.12	cps
Thallium	203-1	300	350	267	306	13.73	cps
Thallium	205-1	767	750	825	781	5.04	cps
Tin	118-1	2525	2442	2659	2542	4.30	cps
Titanium	47-1	1125	1433	1408	1322	12.95	cps
Uranium	238-1	392	475	458	442	9.98	cps
Vanadium	51-2	187	157	157	167	10.39	cps
Yttrium	89-1	5519957	5577876	5547925	5548586	0.52	cps
Yttrium	89-2	397532	404533	439982	414016	5.50	cps
Zinc	66-2	2557	2684	2570	2604	2.67	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:27:34	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2750	2917	2575	2748	6.22	cps
Zirconium	91-1	583	567	608	586	3.58	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:39:26	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8920	8823	8805	8849	0.70	cps
Antimony	121-1	1331759	1347697	1358058	1345838	0.98	cps
Arsenic	75-1	463575	462667	464241	463494	0.17	cps
Barium	135-1	136430	135884	137938	136751	0.78	cps
Barium	137-1	237253	241685	240464	239800	0.95	cps
Beryllium	9-1	158258	157602	158916	158259	0.42	cps
Bismuth	209-1	2807998	2900697	2739696	2816130	2.87	cps
Bismuth	209-2	1563453	1573021	1658964	1598479	3.29	cps
Boron	10-1	104882	106611	109785	107093	2.32	cps
Boron	11-1	513489	526770	536539	525599	2.20	cps
Cadmium	111-1	169234	171320	173650	171402	1.29	cps
Cadmium	106-1	28514	28640	29400	28851	1.66	cps
Cadmium	108-1	17215	16644	17170	17010	1.87	cps
Calcium	43-1	51163	50658	51066	50962	0.53	cps
Calcium	44-1	820268	826101	829199	825189	0.55	cps
Chromium	52-2	166153	164801	164476	165144	0.54	cps
Cobalt	59-2	314084	314897	313916	314299	0.17	cps
Copper	63-2	252472	254090	253435	253333	0.32	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	75	33	33	47	50.95	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	4865119	5038935	4879814	4927956	1.96	cps
Holmium	165-2	2189353	2197018	2349608	2245326	4.03	cps
Indium	115-1	4748651	4857162	4729197	4778337	1.44	cps
Indium	115-2	497164	494571	528995	506910	3.78	cps
Iron	56-2	1156992	1148495	1144180	1149889	0.57	cps
Iron	57-2	28580	28368	28641	28530	0.50	cps
Krypton	83-1	727	643	780	717	9.61	cps
Lead	206-1	643592	646613	655494	648566	0.95	cps
Lead	207-1	559778	568837	572337	566984	1.14	cps
Lead	208-1	2562506	2598411	2607188	2589368	0.91	cps
Lithium	6-1	1114103	1136887	1106678	1119222	1.41	cps
Magnesium	24-2	80621	80789	80721	80710	0.10	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:39:26 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54018	54098	53817	53977	0.27	cps
Molybdenum	94-1	6751561	6750172	6861922	6787885	0.94	cps
Molybdenum	95-1	8269813	8376604	8386173	8344197	0.77	cps
Molybdenum	96-1	9239157	9306221	9321804	9289061	0.47	cps
Molybdenum	97-1	5246508	5251181	5279805	5259165	0.34	cps
Molybdenum	98-1	13122998	13216377	13344869	13228081	0.84	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	89965	89982	90364	90104	0.25	cps
Phosphorus	31-2	17	42	17	25	57.73	cps
Potassium	39-2	101145	100197	99542	100295	0.80	cps
Rhodium	103-1	4846603	4952643	4838081	4879109	1.31	cps
Rhodium	103-2	2273179	2273014	2433010	2326401	3.97	cps
Scandium	45-1	4070759	4151586	3995655	4072667	1.91	cps
Scandium	45-2	72097	72530	77087	73905	3.74	cps
Selenium	77-2	343	343	373	353	4.90	cps
Selenium	78-2	1335	1287	1213	1278	4.82	cps
Selenium	82-1	23177	23188	23007	23124	0.44	cps
Silicon	28-1	506140	506583	513737	508820	0.84	cps
Silver	109-1	757886	756836	765515	760079	0.62	cps
Silver	107-1	804750	791612	809683	802015	1.16	cps
Sodium	23-2	349252	345541	348508	347767	0.56	cps
Strontium	86-1	1038859	1056130	1057317	1050769	0.98	cps
Strontium	88-1	8987977	9000231	9109012	9032407	0.74	cps
Sulfur	34-1	568785	559801	551388	559991	1.55	cps
Terbium	159-1	5148107	5222447	5144091	5171549	0.85	cps
Terbium	159-2	2174414	2200925	2333437	2236259	3.81	cps
Thallium	203-1	821006	823811	834201	826339	0.84	cps
Thallium	205-1	1957948	1981204	1991760	1976971	0.88	cps
Tin	118-1	2357010	2342005	2385243	2361419	0.93	cps
Titanium	47-1	2806220	2815017	2816916	2812718	0.20	cps
Uranium	238-1	5613634	5723393	5765487	5700838	1.38	cps
Vanadium	51-2	120957	121572	120866	121132	0.32	cps
Yttrium	89-1	5753067	5812137	5624339	5729848	1.68	cps
Yttrium	89-2	411319	410704	440441	420821	4.04	cps
Zinc	66-2	57097	57271	56686	57018	0.53	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:39:26	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5640478	5657724	5772033	5690078	1.26	cps
Zirconium	91-1	1240868	1246145	1257338	1248117	0.67	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:44:56 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35	38	48	40	16.53	cps
Antimony	121-1	558	608	800	656	19.46	cps
Arsenic	75-1	825	912	865	867	5.00	cps
Barium	135-1	50	33	25	36	35.25	cps
Barium	137-1	50	33	17	33	50.00	cps
Beryllium	9-1	107	113	97	106	7.95	cps
Bismuth	209-1	2982193	2931932	3010529	2974885	1.34	cps
Bismuth	209-2	1572221	1548579	1560094	1560298	0.76	cps
Boron	10-1	1292	1458	1217	1322	9.36	cps
Boron	11-1	6852	6343	6702	6632	3.94	cps
Cadmium	111-1	1104	1204	1236	1181	5.84	cps
Cadmium	106-1	1575	1717	1759	1684	5.71	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	847	843	823	838	1.51	cps
Calcium	44-1	42795	43183	42906	42961	0.47	cps
Chromium	52-2	1693	1860	1737	1763	4.90	cps
Cobalt	59-2	103	110	103	106	3.64	cps
Copper	63-2	713	707	673	698	3.07	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	42	67	17	42	60.00	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	5075584	5001160	5172275	5083006	1.69	cps
Holmium	165-2	2209056	2204922	2198019	2203999	0.25	cps
Indium	115-1	5042175	5020890	5092372	5051812	0.73	cps
Indium	115-2	501777	505193	506124	504365	0.45	cps
Iron	56-2	3967	4212	4206	4129	3.38	cps
Iron	57-2	106	94	83	94	11.76	cps
Krypton	83-1	720	733	713	722	1.41	cps
Lead	206-1	456	406	417	426	6.16	cps
Lead	207-1	472	439	411	441	6.94	cps
Lead	208-1	1789	1700	1700	1730	2.97	cps
Lithium	6-1	1145814	1142710	1139696	1142740	0.27	cps
Magnesium	24-2	425	450	525	467	11.15	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:44:56 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	100	97	91	13.85	cps
Molybdenum	94-1	500	483	442	475	6.32	cps
Molybdenum	95-1	642	475	442	519	20.63	cps
Molybdenum	96-1	567	633	617	606	5.73	cps
Molybdenum	97-1	383	392	333	369	8.54	cps
Molybdenum	98-1	867	825	758	817	6.69	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	67	83	80	15.02	cps
Phosphorus	31-2	25	17	0	14	91.65	cps
Potassium	39-2	9679	9354	9195	9409	2.62	cps
Rhodium	103-1	5052386	5134710	5095013	5094036	0.81	cps
Rhodium	103-2	2252342	2264773	2259579	2258898	0.28	cps
Scandium	45-1	4157759	4212433	4287594	4219262	1.54	cps
Scandium	45-2	71732	72141	71963	71945	0.28	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	11	2	2	5	108.30	cps
Selenium	82-1	-45	-30	8	-22	-121.19	cps
Silicon	28-1	436535	441078	441378	439664	0.62	cps
Silver	109-1	333	375	275	328	15.32	cps
Silver	107-1	367	400	325	364	10.33	cps
Sodium	23-2	30250	29114	30158	29841	2.11	cps
Strontium	86-1	1058	1108	1067	1078	2.49	cps
Strontium	88-1	142	142	142	142	0.00	cps
Sulfur	34-1	550879	556162	554892	553978	0.50	cps
Terbium	159-1	5313325	5356545	5448679	5372849	1.29	cps
Terbium	159-2	2152013	2177398	2177828	2169080	0.68	cps
Thallium	203-1	117	200	108	142	35.78	cps
Thallium	205-1	300	358	367	342	10.63	cps
Tin	118-1	408	492	684	528	26.74	cps
Titanium	47-1	208	258	233	233	10.71	cps
Uranium	238-1	117	67	25	69	66.09	cps
Vanadium	51-2	20	13	27	20	33.35	cps
Yttrium	89-1	5981544	5867528	5973288	5940787	1.07	cps
Yttrium	89-2	409296	410501	410383	410060	0.16	cps
Zinc	66-2	150	110	103	121	20.84	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:44:56	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	592	500	433	508	15.64	cps
Zirconium	91-1	83	117	125	108	20.35	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:48:26	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1404844	1380812	1406726	1397460	1.03	cps
Antimony	121-1	7736	9137	8770	8548	8.50	cps
Arsenic	75-1	4867	4795	5222	4961	4.60	cps
Barium	135-1	2000	2267	2217	2161	6.56	cps
Barium	137-1	3842	3576	3751	3723	3.64	cps
Beryllium	9-1	510	553	473	512	7.82	cps
Bismuth	209-1	2893805	2860950	2819770	2858175	1.30	cps
Bismuth	209-2	1501515	1473686	1506027	1493743	1.17	cps
Boron	10-1	1050	1150	1150	1117	5.17	cps
Boron	11-1	6043	6160	5826	6010	2.82	cps
Cadmium	111-1	1834	1499	1736	1690	10.20	cps
Cadmium	106-1	1433	1475	1667	1525	8.16	cps
Cadmium	108-1	1158	1388	1188	1245	10.02	cps
Calcium	43-1	2224447	2266814	2237381	2242881	0.97	cps
Calcium	44-1	35101282	35972925	35939394	35671200	1.38	cps
Chromium	52-2	34663	34580	34824	34689	0.36	cps
Cobalt	59-2	3634	3651	3404	3563	3.87	cps
Copper	63-2	20629	20212	19981	20274	1.62	cps
Dysprosium	156-1	25	42	67	44	47.19	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	50	108	33	64	61.65	cps
Gadolinium	160-2	17	10	20	16	32.73	cps
Holmium	165-1	5126636	5134938	5121599	5127724	0.13	cps
Holmium	165-2	2203538	2150875	2184623	2179679	1.22	cps
Indium	115-1	4904044	4906396	4939149	4916529	0.40	cps
Indium	115-2	489996	480162	489018	486392	1.11	cps
Iron	56-2	109013586	107448339	109913969	108791964	1.15	cps
Iron	57-2	2715306	2682282	2759470	2719019	1.42	cps
Krypton	83-1	783	770	727	760	3.90	cps
Lead	206-1	16656	17262	16656	16858	2.08	cps
Lead	207-1	13435	13591	13330	13452	0.98	cps
Lead	208-1	63703	64042	63463	63736	0.46	cps
Lithium	6-1	1139123	1136611	1141339	1139025	0.21	cps
Magnesium	24-2	6414621	6396572	6448948	6420047	0.41	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:48:26	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3804	3927	4141	3957	4.31	cps
Molybdenum	94-1	3641226	3688725	3662460	3664137	0.65	cps
Molybdenum	95-1	6430946	6398408	6450243	6426532	0.41	cps
Molybdenum	96-1	6863659	6976185	6942362	6927402	0.83	cps
Molybdenum	97-1	4040856	4059498	4060754	4053703	0.27	cps
Molybdenum	98-1	10038730	10172252	10113187	10108056	0.66	cps
Neodymium	150-1	40	53	40	44	17.33	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	4681	4571	4681	4644	1.37	cps
Phosphorus	31-2	118770	117821	118845	118479	0.48	cps
Potassium	39-2	4462279	4400208	4473756	4445414	0.89	cps
Rhodium	103-1	4730581	4789396	4757923	4759300	0.62	cps
Rhodium	103-2	2158902	2134754	2141755	2145137	0.58	cps
Scandium	45-1	4107220	4122758	4169574	4133184	0.79	cps
Scandium	45-2	69116	68620	68466	68734	0.49	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	2	11	4	6	88.24	cps
Selenium	82-1	-123	-75	-44	-81	-49.32	cps
Silicon	28-1	622556	622316	621994	622289	0.05	cps
Silver	109-1	2284	2309	2575	2389	6.77	cps
Silver	107-1	2392	2367	2534	2431	3.70	cps
Sodium	23-2	15059192	14942861	15140752	15047602	0.66	cps
Strontium	86-1	73876	72442	73977	73432	1.17	cps
Strontium	88-1	623677	617009	628529	623072	0.93	cps
Sulfur	34-1	3465777	3493059	3473060	3477299	0.41	cps
Terbium	159-1	5401011	5339121	5410999	5383710	0.72	cps
Terbium	159-2	2221815	2105772	2157642	2161743	2.69	cps
Thallium	203-1	342	183	225	250	32.83	cps
Thallium	205-1	742	525	567	611	18.81	cps
Tin	118-1	992	1033	1100	1042	5.25	cps
Titanium	47-1	2225498	2232387	2277545	2245143	1.26	cps
Uranium	238-1	183	117	233	178	32.93	cps
Vanadium	51-2	173	187	177	179	3.88	cps
Yttrium	89-1	5874463	5798861	5819951	5831091	0.67	cps
Yttrium	89-2	400065	392919	395973	396319	0.90	cps
Zinc	66-2	4014	3721	3971	3902	4.06	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:48:26	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	650	850	842	781	14.50	cps
Zirconium	91-1	200	217	142	186	21.16	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:51:47 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1379983	1368662	1368902	1372516	0.47	cps
Antimony	121-1	145782	144424	146683	145629	0.78	cps
Arsenic	75-1	48745	49297	50056	49366	1.33	cps
Barium	135-1	30336	29960	29701	29999	1.06	cps
Barium	137-1	54245	52999	52798	53347	1.47	cps
Beryllium	9-1	32514	32350	32297	32387	0.35	cps
Bismuth	209-1	3036458	3040911	3042421	3039930	0.10	cps
Bismuth	209-2	1566239	1581490	1626712	1591480	1.98	cps
Boron	10-1	14516	13966	14158	14213	1.97	cps
Boron	11-1	69293	68640	69301	69078	0.55	cps
Cadmium	111-1	33859	34834	34712	34468	1.54	cps
Cadmium	106-1	5943	6385	6268	6199	3.69	cps
Cadmium	108-1	3771	3609	3821	3734	2.98	cps
Calcium	43-1	2268420	2301545	2292280	2287415	0.75	cps
Calcium	44-1	36187627	36105169	36140011	36144269	0.11	cps
Chromium	52-2	66557	65161	66490	66070	1.19	cps
Cobalt	59-2	63423	63655	64020	63699	0.47	cps
Copper	63-2	68183	69998	68099	68760	1.56	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	3	30	20	18	75.79	cps
Gadolinium	160-1	58	58	33	50	28.88	cps
Gadolinium	160-2	13	30	10	18	60.28	cps
Holmium	165-1	5412287	5386537	5391793	5396873	0.25	cps
Holmium	165-2	2289836	2326461	2329010	2315102	0.95	cps
Indium	115-1	5184482	5141048	5181048	5168859	0.47	cps
Indium	115-2	499152	506228	516977	507452	1.77	cps
Iron	56-2	108641555	108687219	109443741	108924172	0.41	cps
Iron	57-2	2746537	2768983	2721259	2745593	0.87	cps
Krypton	83-1	720	747	677	714	4.94	cps
Lead	206-1	84401	83551	84592	84181	0.66	cps
Lead	207-1	71071	70221	70853	70715	0.62	cps
Lead	208-1	326500	324711	325600	325604	0.27	cps
Lithium	6-1	1148261	1190286	1177225	1171924	1.84	cps
Magnesium	24-2	6423466	6444346	6393801	6420538	0.40	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:51:47	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14194	14498	14398	14363	1.08	cps
Molybdenum	94-1	4054242	4053687	4045728	4051219	0.12	cps
Molybdenum	95-1	6639407	6665637	6609326	6638123	0.42	cps
Molybdenum	96-1	7256801	7164524	7150349	7190558	0.80	cps
Molybdenum	97-1	4206523	4183313	4205105	4198314	0.31	cps
Molybdenum	98-1	10507229	10350168	10464712	10440703	0.78	cps
Neodymium	150-1	27	33	40	33	20.00	cps
Neodymium	150-2	13	0	10	8	89.21	cps
Nickel	60-2	21140	21103	21293	21179	0.48	cps
Phosphorus	31-2	117476	119275	118528	118426	0.76	cps
Potassium	39-2	4392735	4439444	4374662	4402280	0.76	cps
Rhodium	103-1	4960141	4986421	4984176	4976913	0.29	cps
Rhodium	103-2	2228666	2271331	2276414	2258804	1.16	cps
Scandium	45-1	4312521	4321757	4309636	4314638	0.15	cps
Scandium	45-2	71742	71990	73410	72381	1.24	cps
Selenium	77-2	43	27	43	38	25.46	cps
Selenium	78-2	107	107	109	108	0.99	cps
Selenium	82-1	2235	2292	2430	2319	4.33	cps
Silicon	28-1	888075	944419	888029	906841	3.59	cps
Silver	109-1	143863	145860	146170	145298	0.86	cps
Silver	107-1	154368	155143	155075	154862	0.28	cps
Sodium	23-2	15106075	15235137	15040613	15127275	0.65	cps
Strontium	86-1	198764	198194	199218	198725	0.26	cps
Strontium	88-1	1745136	1729941	1742911	1739329	0.47	cps
Sulfur	34-1	3486600	3457604	3468913	3471039	0.42	cps
Terbium	159-1	5732486	5699585	5710387	5714152	0.29	cps
Terbium	159-2	2259560	2281441	2286890	2275964	0.64	cps
Thallium	203-1	83500	83995	82274	83256	1.06	cps
Thallium	205-1	197994	196153	199431	197859	0.83	cps
Tin	118-1	274891	274055	274756	274567	0.16	cps
Titanium	47-1	2338800	2311750	2325303	2325284	0.58	cps
Uranium	238-1	696049	690756	700051	695618	0.67	cps
Vanadium	51-2	23904	23854	23750	23836	0.33	cps
Yttrium	89-1	6156792	6127352	6175457	6153200	0.39	cps
Yttrium	89-2	412454	416521	418925	415967	0.79	cps
Zinc	66-2	9553	9583	9267	9468	1.85	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:51:47	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	679786	675385	674923	676698	0.40	cps
Zirconium	91-1	151265	150920	148055	150080	1.17	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCV65 Instrumnet Name : P8
 Client Sample ID : CCV65 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 15:55:08 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	877071	876371	891619	881687	0.98	cps
Antimony	121-1	3707051	3626001	3674279	3669111	1.11	cps
Arsenic	75-1	1226000	1217813	1225478	1223097	0.37	cps
Barium	135-1	3744735	3694791	3690570	3710032	0.81	cps
Barium	137-1	6437647	6389141	6484607	6437132	0.74	cps
Beryllium	9-1	849530	846729	834272	843511	0.96	cps
Bismuth	209-1	2936232	2872460	2846137	2884943	1.61	cps
Bismuth	209-2	1502988	1503372	1511728	1506029	0.33	cps
Boron	10-1	117570	116445	117529	117181	0.54	cps
Boron	11-1	564406	571120	576196	570574	1.04	cps
Cadmium	111-1	851817	841425	843314	845519	0.65	cps
Cadmium	106-1	93556	94027	91829	93137	1.24	cps
Cadmium	108-1	62381	63637	62729	62916	1.03	cps
Calcium	43-1	5938649	5927055	5944260	5936655	0.15	cps
Calcium	44-1	94438445	93780282	95461885	94560204	0.90	cps
Chromium	52-2	863808	868950	872476	868411	0.50	cps
Cobalt	59-2	1618077	1621043	1639333	1626151	0.71	cps
Copper	63-2	2536720	2537837	2541912	2538823	0.11	cps
Dysprosium	156-1	75	67	58	67	12.49	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	75	25	67	56	48.22	cps
Erbium	164-2	7	13	27	16	65.47	cps
Gadolinium	160-1	67	92	108	89	23.59	cps
Gadolinium	160-2	20	30	37	29	29.04	cps
Holmium	165-1	5203522	5264805	5245271	5237866	0.60	cps
Holmium	165-2	2259177	2272965	2215700	2249281	1.33	cps
Indium	115-1	4993323	4886625	4952798	4944249	1.09	cps
Indium	115-2	497642	492173	492043	493953	0.65	cps
Iron	56-2	144400909	144263975	146264998	144976627	0.77	cps
Iron	57-2	3622704	3584091	3613714	3606837	0.56	cps
Krypton	83-1	743	720	663	709	5.80	cps
Lead	206-1	1700701	1689627	1678493	1689607	0.66	cps
Lead	207-1	1548315	1486459	1485675	1506816	2.39	cps
Lead	208-1	7011536	6848618	6825789	6895314	1.47	cps
Lithium	6-1	1119860	1156280	1125071	1133737	1.74	cps
Magnesium	24-2	17383519	17442871	17516173	17447521	0.38	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:55:08	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	573783	573779	574579	574047	0.08	cps
Molybdenum	94-1	7281322	7169164	7187073	7212519	0.84	cps
Molybdenum	95-1	8942861	8904688	9010171	8952573	0.60	cps
Molybdenum	96-1	10011784	9921234	10009193	9980737	0.52	cps
Molybdenum	97-1	5640373	5677429	5578337	5632047	0.89	cps
Molybdenum	98-1	14346214	14251390	14096751	14231452	0.88	cps
Neodymium	150-1	313	267	167	249	30.11	cps
Neodymium	150-2	17	27	7	17	59.99	cps
Nickel	60-2	453255	447301	450031	450195	0.66	cps
Phosphorus	31-2	13374	13223	13090	13229	1.07	cps
Potassium	39-2	6029609	5975401	6027025	6010678	0.51	cps
Rhodium	103-1	4916184	4929979	4845173	4897112	0.93	cps
Rhodium	103-2	2168077	2181693	2196132	2181967	0.64	cps
Scandium	45-1	4311925	4289810	4293018	4298251	0.28	cps
Scandium	45-2	72620	73333	73531	73162	0.66	cps
Selenium	77-2	893	933	1033	953	7.56	cps
Selenium	78-2	3110	3130	3200	3147	1.51	cps
Selenium	82-1	61563	61482	61591	61546	0.09	cps
Silicon	28-1	3109074	3169437	3204276	3160929	1.52	cps
Silver	109-1	3926340	3868418	3925719	3906826	0.85	cps
Silver	107-1	4167840	4115669	4143297	4142268	0.63	cps
Sodium	23-2	39508418	39664202	39903156	39691925	0.50	cps
Strontium	86-1	1213102	1213168	1208766	1211679	0.21	cps
Strontium	88-1	10425024	10445308	10322865	10397732	0.63	cps
Sulfur	34-1	915755	917860	916203	916606	0.12	cps
Terbium	159-1	5625821	5468636	5497820	5530759	1.51	cps
Terbium	159-2	2214967	2247109	2253298	2238458	0.92	cps
Thallium	203-1	2200292	2168610	2191352	2186751	0.75	cps
Thallium	205-1	5080229	5035604	5018670	5044834	0.63	cps
Tin	118-1	2608640	2549078	2610011	2589243	1.34	cps
Titanium	47-1	3064187	3029934	3069732	3054618	0.71	cps
Uranium	238-1	6322101	6192617	6126353	6213690	1.60	cps
Vanadium	51-2	650300	658270	659269	655946	0.75	cps
Yttrium	89-1	6084455	5907669	6040539	6010888	1.53	cps
Yttrium	89-2	415784	416685	420158	417542	0.55	cps
Zinc	66-2	287198	285752	285428	286126	0.33	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 15:55:08	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6115123	5959035	6026404	6033521	1.30	cps
Zirconium	91-1	1392796	1333107	1357083	1360995	2.21	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 16:02:33 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	55	73	61	16.61	cps
Antimony	121-1	767	925	1133	942	19.53	cps
Arsenic	75-1	834	955	960	916	7.78	cps
Barium	135-1	50	25	50	42	34.64	cps
Barium	137-1	67	42	75	61	28.38	cps
Beryllium	9-1	110	97	100	102	6.79	cps
Bismuth	209-1	3099782	2891606	2947391	2979593	3.62	cps
Bismuth	209-2	1545419	1597027	1542447	1561631	1.97	cps
Boron	10-1	992	950	900	947	4.85	cps
Boron	11-1	5026	4651	4984	4887	4.21	cps
Cadmium	111-1	1172	970	1010	1051	10.18	cps
Cadmium	106-1	1650	1383	1433	1489	9.52	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	847	767	710	774	8.87	cps
Calcium	44-1	43738	43080	42394	43071	1.56	cps
Chromium	52-2	1907	1790	1790	1829	3.68	cps
Cobalt	59-2	120	97	80	99	20.32	cps
Copper	63-2	883	770	797	817	7.26	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	42	8	17	132.30	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	42	42	8	31	62.99	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	5267496	4990147	5055278	5104307	2.84	cps
Holmium	165-2	2120714	2176883	2162053	2153217	1.35	cps
Indium	115-1	5158113	4892075	4935122	4995103	2.86	cps
Indium	115-2	490079	498839	488122	492347	1.16	cps
Iron	56-2	4795	5096	5001	4964	3.09	cps
Iron	57-2	150	144	111	135	15.56	cps
Krypton	83-1	740	780	777	766	2.90	cps
Lead	206-1	945	678	922	848	17.45	cps
Lead	207-1	761	689	689	713	5.85	cps
Lead	208-1	3378	3089	3061	3176	5.52	cps
Lithium	6-1	1172821	1124250	1152210	1149760	2.12	cps
Magnesium	24-2	525	567	500	531	6.35	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 16:02:33 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	103	97	98	5.21	cps
Molybdenum	94-1	558	517	525	533	4.13	cps
Molybdenum	95-1	833	633	525	664	23.56	cps
Molybdenum	96-1	767	592	642	667	13.52	cps
Molybdenum	97-1	442	433	367	414	9.93	cps
Molybdenum	98-1	1042	758	908	903	15.70	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	70	103	83	21.17	cps
Phosphorus	31-2	33	50	17	33	50.00	cps
Potassium	39-2	10221	10630	10671	10507	2.37	cps
Rhodium	103-1	5144413	4887630	4883737	4971927	3.00	cps
Rhodium	103-2	2223388	2280763	2238881	2247677	1.32	cps
Scandium	45-1	4270041	4048878	4038619	4119180	3.17	cps
Scandium	45-2	68995	69390	68345	68910	0.77	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	9	2	11	7	66.16	cps
Selenium	82-1	-75	-66	-67	-69	-6.64	cps
Silicon	28-1	435942	435312	431503	434252	0.55	cps
Silver	109-1	425	567	442	478	16.21	cps
Silver	107-1	475	500	575	517	10.07	cps
Sodium	23-2	34309	33298	33465	33691	1.61	cps
Strontium	86-1	1192	1042	967	1067	10.74	cps
Strontium	88-1	225	200	158	194	17.32	cps
Sulfur	34-1	593762	591100	590033	591632	0.32	cps
Terbium	159-1	5506264	5223343	5286005	5338537	2.78	cps
Terbium	159-2	2107395	2196171	2182270	2161945	2.21	cps
Thallium	203-1	242	208	192	214	11.90	cps
Thallium	205-1	642	658	525	608	11.94	cps
Tin	118-1	525	392	483	467	14.62	cps
Titanium	47-1	217	267	250	244	10.41	cps
Uranium	238-1	75	92	108	92	18.18	cps
Vanadium	51-2	20	7	23	17	52.90	cps
Yttrium	89-1	6079529	5669982	5760503	5836671	3.69	cps
Yttrium	89-2	392085	403875	397615	397859	1.48	cps
Zinc	66-2	117	100	67	94	26.96	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:02:33	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	475	617	525	539	13.33	cps
Zirconium	91-1	117	100	83	100	16.66	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 16:06:02 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320	395	448	388	16.54	cps
Antimony	121-1	13382	13557	14066	13669	2.60	cps
Arsenic	75-1	2975	3095	2948	3006	2.61	cps
Barium	135-1	13107	14041	13533	13560	3.45	cps
Barium	137-1	23814	24098	24532	24148	1.50	cps
Beryllium	9-1	1790	1623	1667	1693	5.11	cps
Bismuth	209-1	3041611	3046513	3044303	3044142	0.08	cps
Bismuth	209-2	1668450	1682525	1678924	1676633	0.44	cps
Boron	10-1	5951	6460	6118	6177	4.20	cps
Boron	11-1	27878	28421	29715	28671	3.29	cps
Cadmium	111-1	2784	2499	2644	2642	5.38	cps
Cadmium	106-1	1925	1458	1834	1739	14.22	cps
Cadmium	108-1	133	150	158	147	8.65	cps
Calcium	43-1	11748	11695	12135	11860	2.03	cps
Calcium	44-1	216389	219953	219906	218749	0.93	cps
Chromium	52-2	4804	4871	4844	4840	0.69	cps
Cobalt	59-2	3047	3127	3100	3092	1.32	cps
Copper	63-2	5688	5521	5421	5543	2.43	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	100	75	50	75	33.33	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	5203386	5195387	5156245	5185006	0.49	cps
Holmium	165-2	2255401	2326263	2313506	2298390	1.64	cps
Indium	115-1	5106654	5177372	5068758	5117594	1.08	cps
Indium	115-2	516627	519586	522584	519599	0.57	cps
Iron	56-2	64773	63930	62814	63839	1.54	cps
Iron	57-2	1683	1550	1628	1621	4.13	cps
Krypton	83-1	757	727	653	712	7.46	cps
Lead	206-1	4029	3678	3740	3816	4.90	cps
Lead	207-1	3362	3484	3428	3425	1.79	cps
Lead	208-1	15043	14809	15415	15089	2.03	cps
Lithium	6-1	1157163	1159978	1141964	1153035	0.84	cps
Magnesium	24-2	33708	32647	33006	33120	1.63	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:06:02	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	710	627	707	681	6.93	cps
Molybdenum	94-1	13599	13666	13849	13705	0.95	cps
Molybdenum	95-1	16911	16594	17404	16970	2.40	cps
Molybdenum	96-1	18522	18514	17963	18333	1.75	cps
Molybdenum	97-1	10079	10096	10146	10107	0.34	cps
Molybdenum	98-1	26143	25542	27228	26304	3.25	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	937	930	957	941	1.47	cps
Phosphorus	31-2	92	67	67	75	19.24	cps
Potassium	39-2	31979	31536	32037	31851	0.86	cps
Rhodium	103-1	5128979	5138106	5186871	5151319	0.60	cps
Rhodium	103-2	2329972	2374851	2351899	2352241	0.95	cps
Scandium	45-1	4209202	4197580	4190383	4199055	0.23	cps
Scandium	45-2	72274	72640	73290	72735	0.71	cps
Selenium	77-2	0	7	17	8	107.84	cps
Selenium	78-2	37	46	46	43	12.37	cps
Selenium	82-1	496	560	669	575	15.17	cps
Silicon	28-1	485366	487050	495409	489275	1.10	cps
Silver	109-1	8036	8186	8778	8334	4.71	cps
Silver	107-1	8762	8620	8795	8725	1.07	cps
Sodium	23-2	105304	104306	103752	104454	0.75	cps
Strontium	86-1	3209	3584	3167	3320	6.91	cps
Strontium	88-1	17971	18205	18146	18107	0.67	cps
Sulfur	34-1	597195	599064	599919	598726	0.23	cps
Terbium	159-1	5550967	5491013	5465289	5502423	0.80	cps
Terbium	159-2	2280196	2301799	2272732	2284909	0.66	cps
Thallium	203-1	3959	4184	4334	4159	4.54	cps
Thallium	205-1	9571	9596	10046	9738	2.75	cps
Tin	118-1	24949	25116	24915	24994	0.43	cps
Titanium	47-1	5935	5818	6052	5935	1.97	cps
Uranium	238-1	11005	10939	10413	10786	3.01	cps
Vanadium	51-2	6011	6348	5971	6110	3.39	cps
Yttrium	89-1	6045927	6065149	5914793	6008623	1.36	cps
Yttrium	89-2	416946	421448	418087	418827	0.56	cps
Zinc	66-2	643	617	757	672	11.06	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:06:02	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10688	11097	11080	10955	2.11	cps
Zirconium	91-1	2617	2942	2709	2756	6.08	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:11:06	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13177	13437	13134	13250	1.24	cps
Antimony	121-1	240727	240302	235982	239004	1.10	cps
Arsenic	75-1	73378	74711	73618	73902	0.96	cps
Barium	135-1	945590	937661	933627	938959	0.65	cps
Barium	137-1	1688052	1670950	1643741	1667581	1.34	cps
Beryllium	9-1	13053	13273	12903	13076	1.42	cps
Bismuth	209-1	3038198	3008461	2977007	3007889	1.02	cps
Bismuth	209-2	1690490	1644976	1641914	1659127	1.64	cps
Boron	10-1	370476	379904	381854	377412	1.61	cps
Boron	11-1	1868703	1901332	1916278	1895438	1.28	cps
Cadmium	111-1	75696	76435	74653	75595	1.18	cps
Cadmium	106-1	8195	8636	8170	8334	3.15	cps
Cadmium	108-1	4805	5030	5026	4954	2.60	cps
Calcium	43-1	750	857	767	791	7.25	cps
Calcium	44-1	42518	42257	42611	42462	0.43	cps
Chromium	52-2	242624	244396	245981	244334	0.69	cps
Cobalt	59-2	163	137	120	140	15.61	cps
Copper	63-2	3661119	3693430	3714833	3689794	0.73	cps
Dysprosium	156-1	50	17	8	25	88.19	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	25	58	33	39	44.62	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	5117928	5310444	5096182	5174851	2.28	cps
Holmium	165-2	2303085	2318090	2217064	2279413	2.39	cps
Indium	115-1	5002438	5069935	4983226	5018533	0.91	cps
Indium	115-2	520019	521199	506310	515843	1.60	cps
Iron	56-2	1565717	1556081	1547222	1556340	0.59	cps
Iron	57-2	37891	38576	37869	38112	1.06	cps
Krypton	83-1	670	643	690	668	3.51	cps
Lead	206-1	103262	104431	103917	103870	0.56	cps
Lead	207-1	91490	91108	90174	90924	0.74	cps
Lead	208-1	411340	410039	411873	411084	0.23	cps
Lithium	6-1	1130398	1141895	1130548	1134280	0.58	cps
Magnesium	24-2	450	458	325	411	18.17	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:11:06	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	244491	243306	244480	244093	0.28	cps
Molybdenum	94-1	174425	174841	174669	174645	0.12	cps
Molybdenum	95-1	305625	304740	305215	305193	0.15	cps
Molybdenum	96-1	325878	326110	327833	326607	0.33	cps
Molybdenum	97-1	188189	189600	190590	189459	0.64	cps
Molybdenum	98-1	489783	483172	492149	488368	0.95	cps
Neodymium	150-1	33	73	20	42	65.75	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	380242	381439	378486	380056	0.39	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	9695	8937	9754	9462	4.82	cps
Rhodium	103-1	5161853	5154970	5028858	5115227	1.46	cps
Rhodium	103-2	2382123	2331277	2309471	2340957	1.59	cps
Scandium	45-1	4190939	4252528	4102932	4182133	1.80	cps
Scandium	45-2	72348	71980	71328	71885	0.72	cps
Selenium	77-2	127	180	127	144	21.32	cps
Selenium	78-2	519	532	498	516	3.26	cps
Selenium	82-1	9447	9420	9331	9399	0.65	cps
Silicon	28-1	893881	875423	976185	915163	5.86	cps
Silver	109-1	1793473	1758132	1735223	1762276	1.67	cps
Silver	107-1	1885670	1849784	1868924	1868126	0.96	cps
Sodium	23-2	34835	34810	33833	34493	1.66	cps
Strontium	86-1	1250	1208	1042	1167	9.45	cps
Strontium	88-1	242	333	283	286	16.04	cps
Sulfur	34-1	579404	575354	566134	573631	1.19	cps
Terbium	159-1	5435436	5448432	5328401	5404090	1.22	cps
Terbium	159-2	2295167	2306754	2203631	2268517	2.49	cps
Thallium	203-1	39412	41411	39772	40198	2.65	cps
Thallium	205-1	95105	96952	94728	95595	1.25	cps
Tin	118-1	483	325	325	378	24.20	cps
Titanium	47-1	275	225	275	258	11.18	cps
Uranium	238-1	25	33	50	36	35.25	cps
Vanadium	51-2	813753	815146	812616	813839	0.16	cps
Yttrium	89-1	5990811	5945574	5803786	5913390	1.65	cps
Yttrium	89-2	420768	421326	408907	417000	1.68	cps
Zinc	66-2	195551	197922	195618	196364	0.69	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:11:06	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1233	1350	975	1186	16.18	cps
Zirconium	91-1	267	217	317	267	18.75	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:14:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13170	13205	13022	13132	0.74	cps
Antimony	121-1	238732	242941	239701	240458	0.92	cps
Arsenic	75-1	73532	75189	74771	74497	1.16	cps
Barium	135-1	944697	959086	945870	949884	0.84	cps
Barium	137-1	1670368	1684968	1695576	1683637	0.75	cps
Beryllium	9-1	12729	12903	12846	12826	0.69	cps
Bismuth	209-1	3119727	3070494	3082868	3091030	0.83	cps
Bismuth	209-2	1594999	1574817	1649440	1606419	2.40	cps
Boron	10-1	372074	383554	387912	381180	2.15	cps
Boron	11-1	1876590	1951117	1910027	1912578	1.95	cps
Cadmium	111-1	76199	77458	76495	76717	0.86	cps
Cadmium	106-1	8561	8687	8920	8723	2.09	cps
Cadmium	108-1	5034	4876	5059	4990	1.99	cps
Calcium	43-1	783	810	743	779	4.31	cps
Calcium	44-1	42264	41501	42190	41985	1.00	cps
Chromium	52-2	247869	247629	245206	246902	0.60	cps
Cobalt	59-2	133	117	153	134	13.66	cps
Copper	63-2	3764603	3702084	3688248	3718311	1.09	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	75	42	92	69	36.66	cps
Gadolinium	160-2	10	3	27	13	90.16	cps
Holmium	165-1	5379966	5321228	5359504	5353566	0.56	cps
Holmium	165-2	2156797	2219788	2235882	2204156	1.90	cps
Indium	115-1	5344018	5100870	5151963	5198951	2.47	cps
Indium	115-2	499542	499116	516958	505205	2.02	cps
Iron	56-2	1561774	1560364	1542584	1554907	0.69	cps
Iron	57-2	38303	37050	37824	37726	1.68	cps
Krypton	83-1	733	670	767	723	6.79	cps
Lead	206-1	104411	104280	103245	103979	0.61	cps
Lead	207-1	90136	91617	91322	91025	0.86	cps
Lead	208-1	409518	416641	416492	414217	0.98	cps
Lithium	6-1	1150154	1140756	1139729	1143546	0.50	cps
Magnesium	24-2	367	408	433	403	8.36	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:14:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	248251	246741	245140	246711	0.63	cps
Molybdenum	94-1	175370	177720	175976	176355	0.69	cps
Molybdenum	95-1	307381	312467	310093	309980	0.82	cps
Molybdenum	96-1	328606	333279	329345	330410	0.76	cps
Molybdenum	97-1	191704	193302	191833	192280	0.46	cps
Molybdenum	98-1	488722	489998	490644	489788	0.20	cps
Neodymium	150-1	53	33	47	44	22.92	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	386135	385028	382695	384619	0.46	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	9904	9470	9295	9556	3.28	cps
Rhodium	103-1	5329668	5230868	5164068	5241534	1.59	cps
Rhodium	103-2	2248691	2264331	2355334	2289452	2.52	cps
Scandium	45-1	4379937	4327165	4295267	4334123	0.99	cps
Scandium	45-2	70419	71042	71839	71100	1.00	cps
Selenium	77-2	123	147	127	132	9.54	cps
Selenium	78-2	507	519	461	496	6.14	cps
Selenium	82-1	9441	9491	9530	9487	0.47	cps
Silicon	28-1	971252	895524	875789	914188	5.51	cps
Silver	109-1	1779451	1783543	1803061	1788685	0.71	cps
Silver	107-1	1871278	1898317	1902003	1890532	0.89	cps
Sodium	23-2	33064	33482	33273	33273	0.63	cps
Strontium	86-1	1050	1050	1000	1033	2.79	cps
Strontium	88-1	200	233	242	225	9.80	cps
Sulfur	34-1	543475	533026	531763	536088	1.20	cps
Terbium	159-1	5717811	5664376	5502444	5628210	1.99	cps
Terbium	159-2	2153922	2150552	2251088	2185187	2.61	cps
Thallium	203-1	39354	40190	40842	40129	1.86	cps
Thallium	205-1	96374	97056	94980	96137	1.10	cps
Tin	118-1	425	375	392	397	6.41	cps
Titanium	47-1	258	250	233	247	5.15	cps
Uranium	238-1	25	58	83	56	52.68	cps
Vanadium	51-2	822786	822339	814726	819951	0.55	cps
Yttrium	89-1	6173032	6050702	6130975	6118237	1.02	cps
Yttrium	89-2	402161	405024	412326	406503	1.29	cps
Zinc	66-2	196816	197416	197577	197270	0.20	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:14:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1108	1417	1300	1275	12.21	cps
Zirconium	91-1	217	283	308	269	17.59	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : PB116587BL Instrumnet Name : P8
 Client Sample ID : PB116587BL Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 16:28:38 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	35	50	53	35.95	cps
Antimony	121-1	183	192	183	186	2.59	cps
Arsenic	75-1	778	776	767	774	0.76	cps
Barium	135-1	50	67	17	44	57.28	cps
Barium	137-1	58	17	50	42	52.91	cps
Beryllium	9-1	80	103	77	87	16.77	cps
Bismuth	209-1	2965214	3075954	2985049	3008739	1.96	cps
Bismuth	209-2	1647825	1569573	1614515	1610638	2.44	cps
Boron	10-1	2009	1817	1859	1895	5.32	cps
Boron	11-1	9320	8862	8870	9017	2.91	cps
Cadmium	111-1	906	1022	1053	993	7.82	cps
Cadmium	106-1	1292	1450	1467	1403	6.89	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	703	753	757	738	4.05	cps
Calcium	44-1	40201	40117	39960	40093	0.31	cps
Chromium	52-2	1864	1750	1680	1765	5.24	cps
Cobalt	59-2	100	87	87	91	8.45	cps
Copper	63-2	677	733	797	736	8.16	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	0	33	39	107.86	cps
Erbium	164-2	0	13	17	10	88.20	cps
Gadolinium	160-1	50	75	42	56	31.22	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	5107008	5130151	4991367	5076175	1.46	cps
Holmium	165-2	2238612	2189593	2208546	2212250	1.12	cps
Indium	115-1	5033014	4984596	4990287	5002632	0.53	cps
Indium	115-2	498687	496398	501061	498715	0.47	cps
Iron	56-2	3739	4017	3734	3830	4.23	cps
Iron	57-2	122	133	139	131	6.45	cps
Krypton	83-1	647	713	713	691	5.57	cps
Lead	206-1	289	261	278	276	5.07	cps
Lead	207-1	239	267	200	235	14.24	cps
Lead	208-1	1189	1161	1156	1169	1.53	cps
Lithium	6-1	1108990	1132444	1119441	1120291	1.05	cps
Magnesium	24-2	383	350	308	347	10.82	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P8
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:28:38	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	77	63	79	21.27	cps
Molybdenum	94-1	233	158	233	208	20.79	cps
Molybdenum	95-1	75	67	58	67	12.49	cps
Molybdenum	96-1	83	108	200	131	47.05	cps
Molybdenum	97-1	125	83	150	119	28.20	cps
Molybdenum	98-1	125	158	83	122	30.74	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	110	123	121	8.41	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	8461	8828	8261	8517	3.38	cps
Rhodium	103-1	5013216	5110149	4952345	5025237	1.58	cps
Rhodium	103-2	2285891	2266450	2276775	2276372	0.43	cps
Scandium	45-1	4092487	4080406	4039433	4070776	0.68	cps
Scandium	45-2	69913	68600	69883	69465	1.08	cps
Selenium	77-2	17	0	0	6	173.21	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	62	-20	-8	11	389.27	cps
Silicon	28-1	436199	437092	434404	435898	0.31	cps
Silver	109-1	325	242	242	269	17.86	cps
Silver	107-1	317	350	267	311	13.48	cps
Sodium	23-2	25632	25966	25382	25660	1.14	cps
Strontium	86-1	850	1067	1042	986	12.02	cps
Strontium	88-1	142	175	50	122	52.96	cps
Sulfur	34-1	567953	562422	565536	565304	0.49	cps
Terbium	159-1	5500220	5415510	5384019	5433250	1.11	cps
Terbium	159-2	2185344	2148860	2187555	2173920	1.00	cps
Thallium	203-1	133	100	183	139	30.20	cps
Thallium	205-1	283	192	292	256	21.71	cps
Tin	118-1	458	433	408	433	5.77	cps
Titanium	47-1	242	167	208	206	18.28	cps
Uranium	238-1	17	33	8	19	65.47	cps
Vanadium	51-2	13	27	37	26	45.82	cps
Yttrium	89-1	5949566	5917020	5741621	5869402	1.91	cps
Yttrium	89-2	400020	399231	401819	400356	0.33	cps
Zinc	66-2	120	163	140	141	15.37	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P8
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:28:38	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	342	425	375	11.76	cps
Zirconium	91-1	42	83	142	89	56.51	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:32:07	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158564	159310	158456	158777	0.29	cps
Antimony	121-1	3738832	3693811	3752962	3728535	0.83	cps
Arsenic	75-1	1216172	1208868	1214430	1213157	0.31	cps
Barium	135-1	3664410	3654463	3648086	3655653	0.23	cps
Barium	137-1	6365490	6353482	6378224	6365732	0.19	cps
Beryllium	9-1	830040	837562	837766	835123	0.53	cps
Bismuth	209-1	3141630	3125580	3087157	3118122	0.90	cps
Bismuth	209-2	1675427	1640030	1676955	1664137	1.26	cps
Boron	10-1	112229	113857	115823	113970	1.58	cps
Boron	11-1	544396	556844	564716	555319	1.84	cps
Cadmium	111-1	860525	868142	864326	864331	0.44	cps
Cadmium	106-1	95035	91880	95135	94017	1.97	cps
Cadmium	108-1	62092	62293	62762	62383	0.55	cps
Calcium	43-1	1188183	1208935	1206953	1201357	0.95	cps
Calcium	44-1	19295568	19007091	18993296	19098652	0.89	cps
Chromium	52-2	820681	830203	826235	825706	0.58	cps
Cobalt	59-2	1604361	1591465	1565364	1587063	1.25	cps
Copper	63-2	2534576	2551854	2579959	2555463	0.90	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	67	50	25	47	44.41	cps
Erbium	164-2	7	7	23	12	78.69	cps
Gadolinium	160-1	50	67	92	69	30.20	cps
Gadolinium	160-2	43	20	13	26	61.64	cps
Holmium	165-1	5461764	5497339	5413205	5457436	0.77	cps
Holmium	165-2	2333854	2327835	2365210	2342300	0.86	cps
Indium	115-1	5138844	5250957	5171083	5186961	1.11	cps
Indium	115-2	503854	510051	509872	507926	0.69	cps
Iron	56-2	28865510	28887202	28661838	28804850	0.43	cps
Iron	57-2	708854	714951	708081	710629	0.53	cps
Krypton	83-1	670	717	587	658	10.01	cps
Lead	206-1	1757754	1768391	1754593	1760246	0.41	cps
Lead	207-1	1575593	1560472	1595778	1577281	1.12	cps
Lead	208-1	7097553	7081574	7164256	7114461	0.62	cps
Lithium	6-1	1161916	1183410	1185911	1177079	1.12	cps
Magnesium	24-2	3394950	3418319	3373551	3395607	0.66	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:32:07	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	549355	552645	552948	551649	0.36	cps
Molybdenum	94-1	7232951	7229699	7335909	7266186	0.83	cps
Molybdenum	95-1	9127016	9047886	9112737	9095880	0.46	cps
Molybdenum	96-1	10035186	10055773	10050657	10047205	0.11	cps
Molybdenum	97-1	5730197	5735583	5704027	5723269	0.29	cps
Molybdenum	98-1	14555348	14430827	14438139	14474771	0.48	cps
Neodymium	150-1	153	127	153	144	10.66	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	441104	441514	441784	441467	0.08	cps
Phosphorus	31-2	12681	13265	13081	13009	2.30	cps
Potassium	39-2	1150712	1179599	1149338	1159883	1.47	cps
Rhodium	103-1	5203705	5151991	5206396	5187364	0.59	cps
Rhodium	103-2	2267926	2277730	2302459	2282705	0.78	cps
Scandium	45-1	4340761	4329309	4337505	4335858	0.14	cps
Scandium	45-2	72690	74211	73910	73604	1.09	cps
Selenium	77-2	870	923	897	897	2.97	cps
Selenium	78-2	3076	2971	3060	3036	1.87	cps
Selenium	82-1	61914	61803	62030	61916	0.18	cps
Silicon	28-1	2887291	2894671	2878883	2886948	0.27	cps
Silver	109-1	3983526	4036041	4002357	4007308	0.66	cps
Silver	107-1	4238146	4243487	4182052	4221228	0.81	cps
Sodium	23-2	7880886	7902231	7772611	7851909	0.89	cps
Strontium	86-1	1270057	1276671	1318839	1288522	2.05	cps
Strontium	88-1	11003106	11079878	11107825	11063603	0.49	cps
Sulfur	34-1	903514	886621	888924	893020	1.03	cps
Terbium	159-1	5729654	5782832	5669865	5727450	0.99	cps
Terbium	159-2	2308215	2342393	2303239	2317949	0.92	cps
Thallium	203-1	2203823	2314428	2248170	2255473	2.47	cps
Thallium	205-1	5204792	5332611	5188568	5241990	1.51	cps
Tin	118-1	2568722	2599341	2624884	2597649	1.08	cps
Titanium	47-1	2968986	2995722	2954773	2973160	0.70	cps
Uranium	238-1	6093858	6110790	6220623	6141757	1.12	cps
Vanadium	51-2	623831	626685	621754	624090	0.40	cps
Yttrium	89-1	6196368	6194046	6248833	6213082	0.50	cps
Yttrium	89-2	415454	415477	419971	416968	0.62	cps
Zinc	66-2	282779	282044	278423	281082	0.83	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:32:07	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5823561	5722772	5776438	5774257	0.87	cps
Zirconium	91-1	1263599	1313193	1277507	1284766	1.99	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116760BS	Instrumnet Name :	P8
Client Sample ID :	PB116760BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:35:23	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158068	159987	162418	160158	1.36	cps
Antimony	121-1	3662647	3799328	3673389	3711788	2.05	cps
Arsenic	75-1	1183881	1252288	1230651	1222273	2.86	cps
Barium	135-1	3619369	3780992	3629747	3676703	2.46	cps
Barium	137-1	6227366	6498129	6330345	6351947	2.15	cps
Beryllium	9-1	818801	856783	832703	836096	2.30	cps
Bismuth	209-1	2885293	3014610	2988604	2962836	2.31	cps
Bismuth	209-2	1564119	1573251	1657253	1598208	3.21	cps
Boron	10-1	110969	116721	119631	115773	3.81	cps
Boron	11-1	544577	574076	597104	571919	4.60	cps
Cadmium	111-1	837383	885522	860399	861101	2.80	cps
Cadmium	106-1	91529	96444	92873	93615	2.71	cps
Cadmium	108-1	62415	63721	64076	63404	1.38	cps
Calcium	43-1	1178154	1236697	1208082	1207645	2.42	cps
Calcium	44-1	18510650	19605179	19501844	19205891	3.15	cps
Chromium	52-2	827268	838922	841081	835757	0.89	cps
Cobalt	59-2	1584896	1603087	1614556	1600847	0.93	cps
Copper	63-2	2514713	2566686	2601795	2561065	1.71	cps
Dysprosium	156-1	42	58	50	50	16.67	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	42	75	42	53	36.46	cps
Gadolinium	160-2	20	17	13	17	20.01	cps
Holmium	165-1	5151531	5361079	5157893	5223501	2.28	cps
Holmium	165-2	2254939	2237050	2278026	2256672	0.91	cps
Indium	115-1	4800149	5026076	4887233	4904486	2.32	cps
Indium	115-2	487086	489753	498828	491889	1.25	cps
Iron	56-2	29067005	28965624	29631268	29221299	1.23	cps
Iron	57-2	713849	727042	731807	724233	1.28	cps
Krypton	83-1	727	603	757	696	11.68	cps
Lead	206-1	1721814	1822314	1725123	1756417	3.25	cps
Lead	207-1	1526587	1634776	1561328	1574230	3.51	cps
Lead	208-1	6899464	7361460	7018308	7093077	3.38	cps
Lithium	6-1	1107625	1163272	1110076	1126991	2.79	cps
Magnesium	24-2	3437245	3488728	3412648	3446207	1.13	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116760BS	Instrumnet Name :	P8
Client Sample ID :	PB116760BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:35:23	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	555045	565045	564595	561562	1.01	cps
Molybdenum	94-1	7120099	7447714	7614773	7394195	3.40	cps
Molybdenum	95-1	8967597	9332738	9716850	9339062	4.01	cps
Molybdenum	96-1	9844342	10272621	10639798	10252253	3.88	cps
Molybdenum	97-1	5618067	5899337	5963610	5827005	3.15	cps
Molybdenum	98-1	14107573	14927352	14808209	14614378	3.03	cps
Neodymium	150-1	133	133	133	133	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	443650	447902	451502	447685	0.88	cps
Phosphorus	31-2	13173	12648	12923	12915	2.04	cps
Potassium	39-2	1145222	1186571	1207776	1179856	2.70	cps
Rhodium	103-1	4826700	5010803	4992975	4943493	2.05	cps
Rhodium	103-2	2197749	2195263	2248670	2213894	1.36	cps
Scandium	45-1	4039393	4216318	4213134	4156282	2.44	cps
Scandium	45-2	69618	69176	72999	70598	2.96	cps
Selenium	77-2	837	937	927	900	6.12	cps
Selenium	78-2	3076	3011	3237	3108	3.74	cps
Selenium	82-1	60232	63273	59193	60899	3.48	cps
Silicon	28-1	2709593	2801263	2817584	2776146	2.10	cps
Silver	109-1	3886172	4103399	4043830	4011134	2.80	cps
Silver	107-1	4161360	4267047	4304467	4244291	1.75	cps
Sodium	23-2	7837181	7987993	7986963	7937379	1.09	cps
Strontium	86-1	1260727	1347607	1265251	1291195	3.79	cps
Strontium	88-1	10804494	11417136	10733948	10985193	3.42	cps
Sulfur	34-1	858104	875304	902612	878673	2.55	cps
Terbium	159-1	5395408	5589789	5423851	5469683	1.92	cps
Terbium	159-2	2243222	2234133	2261653	2246336	0.62	cps
Thallium	203-1	2207997	2338615	2216839	2254484	3.24	cps
Thallium	205-1	5153738	5328238	5156504	5212827	1.92	cps
Tin	118-1	2531890	2634802	2591026	2585906	2.00	cps
Titanium	47-1	2922620	3081885	3021202	3008569	2.67	cps
Uranium	238-1	6022420	6404412	6305843	6244225	3.18	cps
Vanadium	51-2	625905	633963	639300	633056	1.07	cps
Yttrium	89-1	5795501	5968268	5715002	5826257	2.22	cps
Yttrium	89-2	400688	404228	412676	405864	1.52	cps
Zinc	66-2	285774	283207	287889	285623	0.82	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116760BS	Instrumnet Name :	P8
Client Sample ID :	PB116760BS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:35:23	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5651410	5909856	5655999	5739088	2.58	cps
Zirconium	91-1	1241454	1330914	1311259	1294542	3.63	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:38:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	298	265	275	279	5.96	cps
Antimony	121-1	2559	2417	2659	2545	4.77	cps
Arsenic	75-1	1289	1600	1621	1503	12.37	cps
Barium	135-1	37087	36067	38365	37173	3.10	cps
Barium	137-1	64844	66258	67691	66265	2.15	cps
Beryllium	9-1	157	127	117	133	15.61	cps
Bismuth	209-1	2932720	2997587	3031032	2987113	1.67	cps
Bismuth	209-2	1653706	1632732	1669800	1652079	1.13	cps
Boron	10-1	5218	5101	5176	5165	1.15	cps
Boron	11-1	25649	25190	24580	25140	2.13	cps
Cadmium	111-1	1090	1147	993	1077	7.20	cps
Cadmium	106-1	1450	1575	1367	1464	7.16	cps
Cadmium	108-1	54	50	67	57	15.23	cps
Calcium	43-1	394135	398786	412453	401791	2.37	cps
Calcium	44-1	6457718	6632899	6776944	6622520	2.41	cps
Chromium	52-2	2194	2160	2274	2209	2.64	cps
Cobalt	59-2	273	247	273	264	5.82	cps
Copper	63-2	688877	685631	691811	688773	0.45	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	13	7	23	14	58.06	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	7	13	33	18	78.05	cps
Gadolinium	160-1	58	33	33	42	34.65	cps
Gadolinium	160-2	23	27	7	19	56.72	cps
Holmium	165-1	5198276	5090738	5262166	5183727	1.67	cps
Holmium	165-2	2244130	2263416	2280127	2262558	0.80	cps
Indium	115-1	4883510	5004389	5064042	4983980	1.85	cps
Indium	115-2	499528	503941	506048	503173	0.66	cps
Iron	56-2	18452	18819	18363	18544	1.30	cps
Iron	57-2	450	539	628	539	16.50	cps
Krypton	83-1	657	603	727	662	9.34	cps
Lead	206-1	2545	2728	2500	2591	4.66	cps
Lead	207-1	2311	2295	2295	2300	0.42	cps
Lead	208-1	10352	10241	10196	10263	0.78	cps
Lithium	6-1	1100657	1111366	1155006	1122343	2.57	cps
Magnesium	24-2	401129	404206	401409	402248	0.42	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:38:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2814	2907	3000	2907	3.21	cps
Molybdenum	94-1	1167	1217	1300	1228	5.49	cps
Molybdenum	95-1	1700	1592	1308	1533	13.19	cps
Molybdenum	96-1	1792	1450	2075	1772	17.66	cps
Molybdenum	97-1	1150	900	1092	1047	12.49	cps
Molybdenum	98-1	2559	2159	2484	2400	8.86	cps
Neodymium	150-1	27	33	40	33	20.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	10497	10397	10404	10433	0.54	cps
Phosphorus	31-2	642	508	758	636	19.67	cps
Potassium	39-2	87598	87429	86649	87226	0.58	cps
Rhodium	103-1	4913572	4888812	5146697	4983027	2.86	cps
Rhodium	103-2	2254486	2248901	2244934	2249441	0.21	cps
Scandium	45-1	4047347	4166326	4177246	4130307	1.74	cps
Scandium	45-2	70851	71467	71454	71257	0.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	9	4	7	41.70	cps
Selenium	82-1	4	58	-34	9	495.93	cps
Silicon	28-1	11683126	11589565	11899512	11724068	1.36	cps
Silver	109-1	683	750	767	733	6.01	cps
Silver	107-1	950	983	758	897	13.53	cps
Sodium	23-2	4935884	4929766	4937314	4934322	0.08	cps
Strontium	86-1	120025	120446	124371	121614	1.97	cps
Strontium	88-1	1016477	1029618	1053213	1033103	1.80	cps
Sulfur	34-1	740994	751246	757885	750041	1.13	cps
Terbium	159-1	5359428	5426343	5605257	5463676	2.33	cps
Terbium	159-2	2240209	2220169	2236039	2232139	0.47	cps
Thallium	203-1	325	200	250	258	24.36	cps
Thallium	205-1	800	625	617	681	15.21	cps
Tin	118-1	2950	2625	2967	2848	6.77	cps
Titanium	47-1	908	717	708	778	14.55	cps
Uranium	238-1	608	500	533	547	10.14	cps
Vanadium	51-2	97	160	113	123	26.62	cps
Yttrium	89-1	5750340	5922559	6033311	5902070	2.42	cps
Yttrium	89-2	405078	404007	409187	406091	0.67	cps
Zinc	66-2	323181	322411	325119	323570	0.43	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEE	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:38:39	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	792	692	842	775	9.86	cps
Zirconium	91-1	167	192	150	169	12.38	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01DUP	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:42:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320	293	275	296	7.67	cps
Antimony	121-1	1508	1559	1433	1500	4.19	cps
Arsenic	75-1	1577	1245	1470	1430	11.84	cps
Barium	135-1	39585	38624	38465	38892	1.56	cps
Barium	137-1	66100	66954	68336	67130	1.68	cps
Beryllium	9-1	117	110	110	112	3.43	cps
Bismuth	209-1	3083656	3048307	3128578	3086847	1.30	cps
Bismuth	209-2	1628711	1599759	1617246	1615239	0.90	cps
Boron	10-1	4076	4042	4393	4170	4.63	cps
Boron	11-1	20290	19906	20073	20090	0.96	cps
Cadmium	111-1	1427	1098	1283	1269	12.97	cps
Cadmium	106-1	1975	1525	1734	1745	12.91	cps
Cadmium	108-1	50	75	38	54	35.25	cps
Calcium	43-1	419629	416093	421701	419141	0.68	cps
Calcium	44-1	6919012	6857600	6846579	6874397	0.57	cps
Chromium	52-2	2064	2197	2077	2112	3.48	cps
Cobalt	59-2	213	207	197	206	4.08	cps
Copper	63-2	682261	685689	692804	686918	0.78	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	92	92	67	83	17.32	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	5243425	5286801	5283859	5271362	0.46	cps
Holmium	165-2	2262114	2235382	2247857	2248451	0.59	cps
Indium	115-1	5146693	5175726	5110813	5144411	0.63	cps
Indium	115-2	503528	504195	505757	504493	0.23	cps
Iron	56-2	18251	18914	18746	18637	1.85	cps
Iron	57-2	511	400	444	452	12.38	cps
Krypton	83-1	740	690	653	694	6.26	cps
Lead	206-1	2195	2217	1972	2128	6.35	cps
Lead	207-1	1928	1928	1828	1895	3.05	cps
Lead	208-1	8535	8601	8101	8412	3.23	cps
Lithium	6-1	1158181	1171259	1171488	1166976	0.65	cps
Magnesium	24-2	394809	397283	398206	396766	0.44	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01DUP	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:42:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2770	3007	3007	2928	4.67	cps
Molybdenum	94-1	850	808	567	742	20.63	cps
Molybdenum	95-1	833	908	700	814	12.97	cps
Molybdenum	96-1	1050	992	875	972	9.17	cps
Molybdenum	97-1	725	642	692	686	6.11	cps
Molybdenum	98-1	1417	1375	1558	1450	6.63	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	10604	10567	10424	10532	0.90	cps
Phosphorus	31-2	542	642	608	597	8.53	cps
Potassium	39-2	85903	85920	86817	86214	0.61	cps
Rhodium	103-1	5033337	5102660	5098578	5078192	0.77	cps
Rhodium	103-2	2298391	2221922	2298693	2273002	1.95	cps
Scandium	45-1	4227955	4194574	4281824	4234784	1.04	cps
Scandium	45-2	70677	69983	70573	70411	0.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	9	7	7	24.97	cps
Selenium	82-1	-73	-25	54	-15	-439.82	cps
Silicon	28-1	12262608	12270483	12602534	12378542	1.57	cps
Silver	109-1	575	525	625	575	8.70	cps
Silver	107-1	533	675	592	600	11.87	cps
Sodium	23-2	4851464	4920223	4872940	4881542	0.72	cps
Strontium	86-1	123793	123984	125592	124456	0.79	cps
Strontium	88-1	1070482	1057159	1077515	1068386	0.97	cps
Sulfur	34-1	780733	785545	788444	784907	0.50	cps
Terbium	159-1	5605586	5605535	5598491	5603204	0.07	cps
Terbium	159-2	2236189	2251633	2246080	2244634	0.35	cps
Thallium	203-1	192	142	142	158	18.23	cps
Thallium	205-1	333	325	283	314	8.54	cps
Tin	118-1	2650	3059	3134	2948	8.83	cps
Titanium	47-1	675	700	650	675	3.70	cps
Uranium	238-1	650	517	483	550	16.03	cps
Vanadium	51-2	153	103	110	122	22.21	cps
Yttrium	89-1	6038142	6041134	6064969	6048082	0.24	cps
Yttrium	89-2	402711	403116	408348	404725	0.78	cps
Zinc	66-2	320913	317696	320139	319583	0.53	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01DUP	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:42:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	608	717	700	675	8.64	cps
Zirconium	91-1	108	142	100	117	18.89	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01LX5	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-01 16:45:34	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	85	110	105	17.17	cps
Antimony	121-1	633	600	658	631	4.64	cps
Arsenic	75-1	1017	862	951	943	8.26	cps
Barium	135-1	7603	7794	8253	7883	4.24	cps
Barium	137-1	13674	13291	13583	13516	1.48	cps
Beryllium	9-1	147	113	97	119	21.41	cps
Bismuth	209-1	3096314	3207163	3130262	3144580	1.81	cps
Bismuth	209-2	1623245	1640318	1675568	1646377	1.62	cps
Boron	10-1	1642	1817	1950	1803	8.58	cps
Boron	11-1	8803	9028	9012	8948	1.40	cps
Cadmium	111-1	1298	1091	1042	1144	11.89	cps
Cadmium	106-1	1842	1542	1475	1620	12.06	cps
Cadmium	108-1	29	25	17	24	26.95	cps
Calcium	43-1	81230	83794	83238	82754	1.63	cps
Calcium	44-1	1424868	1404280	1426941	1418696	0.88	cps
Chromium	52-2	1820	1797	1887	1835	2.55	cps
Cobalt	59-2	80	130	107	106	23.70	cps
Copper	63-2	138650	138532	137973	138385	0.26	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	75	50	83	69	24.98	cps
Gadolinium	160-2	23	17	27	22	22.91	cps
Holmium	165-1	5344392	5417940	5337164	5366499	0.83	cps
Holmium	165-2	2240831	2249101	2299437	2263123	1.40	cps
Indium	115-1	5109491	5283650	5195408	5196183	1.68	cps
Indium	115-2	510030	510846	503989	508288	0.74	cps
Iron	56-2	7285	6941	6602	6943	4.92	cps
Iron	57-2	267	189	244	233	17.17	cps
Krypton	83-1	750	723	673	716	5.44	cps
Lead	206-1	845	1017	789	883	13.45	cps
Lead	207-1	772	717	683	724	6.20	cps
Lead	208-1	3573	3545	3295	3471	4.41	cps
Lithium	6-1	1110645	1172627	1181360	1154877	3.34	cps
Magnesium	24-2	79607	81031	80587	80408	0.91	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01LX5	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-01 16:45:34	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	740	657	630	676	8.49	cps
Molybdenum	94-1	350	450	317	372	18.64	cps
Molybdenum	95-1	325	442	375	381	15.38	cps
Molybdenum	96-1	258	467	375	367	28.48	cps
Molybdenum	97-1	183	267	250	233	18.90	cps
Molybdenum	98-1	483	675	500	553	19.21	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2244	2267	2040	2184	5.71	cps
Phosphorus	31-2	225	175	192	197	12.91	cps
Potassium	39-2	24706	23454	24055	24071	2.60	cps
Rhodium	103-1	5085965	5283257	5123785	5164336	2.03	cps
Rhodium	103-2	2333738	2328646	2292254	2318213	0.98	cps
Scandium	45-1	4174063	4365253	4222233	4253850	2.34	cps
Scandium	45-2	69899	70325	70975	70400	0.77	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	7	3	124.95	cps
Selenium	82-1	-66	-132	-5	-68	-93.31	cps
Silicon	28-1	2770176	2778664	2774496	2774445	0.15	cps
Silver	109-1	383	442	433	419	7.52	cps
Silver	107-1	392	392	375	386	2.49	cps
Sodium	23-2	991378	1000049	997219	996215	0.44	cps
Strontium	86-1	25007	25508	25566	25361	1.21	cps
Strontium	88-1	207704	207658	210285	208549	0.72	cps
Sulfur	34-1	644033	637470	636422	639308	0.65	cps
Terbium	159-1	5561471	5772894	5580161	5638175	2.08	cps
Terbium	159-2	2256835	2293039	2231161	2260345	1.38	cps
Thallium	203-1	58	58	50	56	8.67	cps
Thallium	205-1	192	225	192	203	9.49	cps
Tin	118-1	733	767	617	706	11.16	cps
Titanium	47-1	525	500	417	481	11.80	cps
Uranium	238-1	158	150	133	147	8.65	cps
Vanadium	51-2	40	50	53	48	14.52	cps
Yttrium	89-1	6030377	6211768	6009042	6083729	1.83	cps
Yttrium	89-2	408669	409954	408020	408881	0.24	cps
Zinc	66-2	64543	64667	63672	64294	0.84	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01LX5	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEL	Dilution Factor :	5
Date & Time Acquired ::	2019-02-01 16:45:34	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	458	450	375	428	10.73	cps
Zirconium	91-1	83	83	117	94	20.37	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:49:01	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	865383	867360	870520	867754	0.30	cps
Antimony	121-1	3836662	3750302	3820721	3802562	1.21	cps
Arsenic	75-1	1231767	1226400	1225279	1227815	0.28	cps
Barium	135-1	3838968	3801036	3827517	3822507	0.51	cps
Barium	137-1	6657249	6629880	6592080	6626403	0.49	cps
Beryllium	9-1	875081	869470	863224	869258	0.68	cps
Bismuth	209-1	3083021	3088415	3040156	3070531	0.86	cps
Bismuth	209-2	1614141	1565644	1581389	1587058	1.56	cps
Boron	10-1	120015	121360	120789	120721	0.56	cps
Boron	11-1	582336	582987	585504	583609	0.29	cps
Cadmium	111-1	868982	864653	866311	866649	0.25	cps
Cadmium	106-1	95563	96990	95848	96134	0.79	cps
Cadmium	108-1	64684	63775	63260	63906	1.13	cps
Calcium	43-1	5852976	5822612	5854196	5843261	0.31	cps
Calcium	44-1	94243459	94526712	94609709	94459960	0.20	cps
Chromium	52-2	857369	855074	861937	858127	0.41	cps
Cobalt	59-2	1629633	1582572	1620296	1610834	1.55	cps
Copper	63-2	2542888	2502114	2508102	2517701	0.87	cps
Dysprosium	156-1	83	92	75	83	10.00	cps
Dysprosium	156-2	23	3	27	18	71.00	cps
Erbium	164-1	17	50	50	39	49.48	cps
Erbium	164-2	17	13	27	19	36.75	cps
Gadolinium	160-1	108	117	75	100	22.05	cps
Gadolinium	160-2	30	37	23	30	22.23	cps
Holmium	165-1	5668277	5545585	5441406	5551756	2.05	cps
Holmium	165-2	2381601	2321774	2323909	2342428	1.45	cps
Indium	115-1	5246576	5122657	5126879	5165371	1.36	cps
Indium	115-2	502900	503918	499363	502060	0.48	cps
Iron	56-2	143946142	144822548	144078114	144282268	0.33	cps
Iron	57-2	3630143	3600734	3563617	3598165	0.93	cps
Krypton	83-1	720	647	633	667	7.00	cps
Lead	206-1	1816161	1761286	1779610	1785686	1.56	cps
Lead	207-1	1603985	1626795	1546620	1592467	2.59	cps
Lead	208-1	7217274	7230340	7140732	7196115	0.67	cps
Lithium	6-1	1209815	1171130	1181736	1187560	1.68	cps
Magnesium	24-2	17205861	17195460	17361929	17254417	0.54	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:49:01	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	567492	565665	566946	566701	0.17	cps
Molybdenum	94-1	7440052	7340902	7389097	7390017	0.67	cps
Molybdenum	95-1	9167562	9216865	9060351	9148259	0.87	cps
Molybdenum	96-1	10207144	10206384	10165492	10193007	0.23	cps
Molybdenum	97-1	5868295	5754044	5726305	5782881	1.30	cps
Molybdenum	98-1	14601732	14411530	14348045	14453769	0.91	cps
Neodymium	150-1	307	173	220	233	29.00	cps
Neodymium	150-2	37	20	20	26	37.66	cps
Nickel	60-2	449018	444647	446401	446689	0.49	cps
Phosphorus	31-2	13424	12765	12356	12848	4.19	cps
Potassium	39-2	5946088	5910307	5972859	5943085	0.53	cps
Rhodium	103-1	5184110	5078089	5005330	5089177	1.77	cps
Rhodium	103-2	2237320	2250468	2240765	2242851	0.30	cps
Scandium	45-1	4366180	4356920	4354526	4359209	0.14	cps
Scandium	45-2	75099	74359	72834	74097	1.56	cps
Selenium	77-2	973	817	883	891	8.82	cps
Selenium	78-2	2993	3124	3184	3100	3.15	cps
Selenium	82-1	62012	62428	62303	62248	0.34	cps
Silicon	28-1	3105752	3133565	3268775	3169364	2.75	cps
Silver	109-1	3993335	4003797	3955301	3984144	0.64	cps
Silver	107-1	4233933	4245537	4152872	4210780	1.20	cps
Sodium	23-2	39530510	39318612	39888902	39579342	0.73	cps
Strontium	86-1	1236257	1235063	1219913	1230411	0.74	cps
Strontium	88-1	10565749	10586298	10511584	10554544	0.37	cps
Sulfur	34-1	927619	914459	929216	923764	0.88	cps
Terbium	159-1	5888610	5853310	5788887	5843602	0.87	cps
Terbium	159-2	2322076	2310220	2296977	2309758	0.54	cps
Thallium	203-1	2309759	2261499	2271558	2280939	1.12	cps
Thallium	205-1	5369245	5267029	5307227	5314500	0.97	cps
Tin	118-1	2690203	2631452	2685258	2668971	1.22	cps
Titanium	47-1	3065137	3038224	3029154	3044172	0.61	cps
Uranium	238-1	6634772	6520619	6461046	6538812	1.35	cps
Vanadium	51-2	648878	646885	648428	648064	0.16	cps
Yttrium	89-1	6273480	6260533	6137448	6223821	1.21	cps
Yttrium	89-2	421270	421986	418481	420579	0.44	cps
Zinc	66-2	281387	281820	282605	281937	0.22	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:49:01	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6072186	6097216	6149083	6106162	0.64	cps
Zirconium	91-1	1382232	1365336	1362408	1369992	0.78	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 16:52:18 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	78	70	77	8.20	cps
Antimony	121-1	1834	1784	1809	1809	1.38	cps
Arsenic	75-1	861	978	957	932	6.74	cps
Barium	135-1	67	58	92	72	24.02	cps
Barium	137-1	83	108	142	111	26.34	cps
Beryllium	9-1	167	157	170	164	4.22	cps
Bismuth	209-1	3216933	3203695	3200982	3207203	0.27	cps
Bismuth	209-2	1655379	1671132	1676143	1667551	0.65	cps
Boron	10-1	2242	2092	2200	2178	3.56	cps
Boron	11-1	11305	10763	10304	10791	4.64	cps
Cadmium	111-1	1064	1133	1234	1144	7.48	cps
Cadmium	106-1	1475	1634	1734	1614	8.07	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	783	873	827	828	5.44	cps
Calcium	44-1	43093	43334	43645	43357	0.64	cps
Chromium	52-2	1790	1954	1884	1876	4.37	cps
Cobalt	59-2	153	123	127	134	12.23	cps
Copper	63-2	1047	943	977	989	5.33	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	10	0	0	3	173.21	cps
Gadolinium	160-1	33	8	50	31	68.64	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	5508175	5379435	5492667	5460092	1.29	cps
Holmium	165-2	2274472	2248847	2257553	2260291	0.58	cps
Indium	115-1	5357615	5269238	5262465	5296439	1.00	cps
Indium	115-2	501760	502840	509560	504720	0.84	cps
Iron	56-2	7524	6707	6696	6976	6.81	cps
Iron	57-2	178	222	194	198	11.33	cps
Krypton	83-1	660	760	707	709	7.06	cps
Lead	206-1	1422	1206	1172	1267	10.72	cps
Lead	207-1	1195	1378	1072	1215	12.66	cps
Lead	208-1	5451	5378	4834	5221	6.46	cps
Lithium	6-1	1199849	1201191	1200410	1200483	0.06	cps
Magnesium	24-2	775	633	517	642	20.16	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:52:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	120	130	119	9.84	cps
Molybdenum	94-1	767	808	692	756	7.83	cps
Molybdenum	95-1	850	767	725	781	8.15	cps
Molybdenum	96-1	1242	850	842	978	23.38	cps
Molybdenum	97-1	617	558	550	575	6.32	cps
Molybdenum	98-1	1492	1158	1200	1283	14.15	cps
Neodymium	150-1	33	0	7	13	132.28	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	143	120	117	127	11.47	cps
Phosphorus	31-2	42	33	8	28	62.46	cps
Potassium	39-2	9562	9445	9070	9359	2.75	cps
Rhodium	103-1	5261149	5351885	5400967	5338001	1.33	cps
Rhodium	103-2	2318953	2309983	2360106	2329680	1.15	cps
Scandium	45-1	4272571	4298958	4314794	4295441	0.50	cps
Scandium	45-2	68804	70449	70164	69806	1.26	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	59	-67	-10	-6	-980.68	cps
Silicon	28-1	451014	447892	449411	449439	0.35	cps
Silver	109-1	650	625	642	639	1.99	cps
Silver	107-1	558	725	858	714	21.06	cps
Sodium	23-2	32296	32806	31945	32349	1.34	cps
Strontium	86-1	1083	1050	1133	1089	3.85	cps
Strontium	88-1	300	217	375	297	26.65	cps
Sulfur	34-1	603635	608573	606005	606071	0.41	cps
Terbium	159-1	5784562	5744040	5769929	5766177	0.36	cps
Terbium	159-2	2242511	2232590	2294612	2256571	1.48	cps
Thallium	203-1	150	183	175	169	10.24	cps
Thallium	205-1	458	458	383	433	9.99	cps
Tin	118-1	508	667	650	608	14.30	cps
Titanium	47-1	317	225	308	283	17.89	cps
Uranium	238-1	158	108	167	144	21.84	cps
Vanadium	51-2	50	43	17	37	48.10	cps
Yttrium	89-1	6176099	6096382	6134919	6135800	0.65	cps
Yttrium	89-2	405272	406713	407533	406506	0.28	cps
Zinc	66-2	147	147	150	148	1.30	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:52:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	592	592	825	669	20.12	cps
Zirconium	91-1	108	133	150	131	16.06	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MS	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:55:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29631	28919	28841	29130	1.49	cps
Antimony	121-1	5610240	5587917	5578318	5592158	0.29	cps
Arsenic	75-1	1925449	1906621	1899584	1910552	0.70	cps
Barium	135-1	327315	328105	328477	327966	0.18	cps
Barium	137-1	576875	576906	566700	573494	1.03	cps
Beryllium	9-1	327408	321427	324657	324497	0.92	cps
Bismuth	209-1	3056326	3139102	3112210	3102546	1.36	cps
Bismuth	209-2	1622978	1598408	1590031	1603805	1.07	cps
Boron	10-1	70508	72383	74301	72397	2.62	cps
Boron	11-1	337732	347700	343986	343139	1.47	cps
Cadmium	111-1	335074	334165	335564	334934	0.21	cps
Cadmium	106-1	31588	32666	31956	32070	1.71	cps
Cadmium	108-1	21555	22377	22828	22253	2.90	cps
Calcium	43-1	434155	432994	431752	432967	0.28	cps
Calcium	44-1	7121767	7076193	7127129	7108363	0.39	cps
Chromium	52-2	642769	640955	632144	638623	0.89	cps
Cobalt	59-2	616289	611849	612987	613709	0.38	cps
Copper	63-2	1434855	1427134	1428111	1430033	0.29	cps
Dysprosium	156-1	240154	234372	234658	236394	1.38	cps
Dysprosium	156-2	12696	12813	12459	12656	1.42	cps
Erbium	164-1	133	42	58	78	62.78	cps
Erbium	164-2	20	23	20	21	9.11	cps
Gadolinium	160-1	208	83	125	139	45.83	cps
Gadolinium	160-2	27	33	40	33	20.00	cps
Holmium	165-1	5360349	5382908	5363467	5368908	0.23	cps
Holmium	165-2	2253130	2262697	2257220	2257682	0.21	cps
Indium	115-1	5040028	5099101	5083447	5074192	0.60	cps
Indium	115-2	492322	493227	490553	492034	0.28	cps
Iron	56-2	3411661	3396446	3423197	3410435	0.39	cps
Iron	57-2	82515	82706	84689	83303	1.45	cps
Krypton	83-1	713	657	750	707	6.65	cps
Lead	206-1	3431998	3410967	3448013	3430326	0.54	cps
Lead	207-1	3046097	3064826	3112209	3074377	1.11	cps
Lead	208-1	13607685	13755488	13894398	13752524	1.04	cps
Lithium	6-1	1149762	1147185	1168717	1155221	1.02	cps
Magnesium	24-2	524328	523896	522063	523429	0.23	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MS	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:55:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107957	106807	108783	107849	0.92	cps
Molybdenum	94-1	746850	748962	749766	748526	0.20	cps
Molybdenum	95-1	1314903	1300071	1333426	1316133	1.27	cps
Molybdenum	96-1	1436846	1442845	1426528	1435406	0.57	cps
Molybdenum	97-1	810464	808185	801720	806790	0.56	cps
Molybdenum	98-1	2110479	2132075	2110976	2117843	0.58	cps
Neodymium	150-1	67	40	73	60	29.40	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	445580	446255	442108	444647	0.50	cps
Phosphorus	31-2	7877	7686	7736	7766	1.28	cps
Potassium	39-2	523869	522388	519765	522007	0.40	cps
Rhodium	103-1	5123348	5149150	5138136	5136878	0.25	cps
Rhodium	103-2	2291370	2284641	2284731	2286914	0.17	cps
Scandium	45-1	4286796	4276545	4245734	4269692	0.50	cps
Scandium	45-2	70576	69675	70981	70411	0.95	cps
Selenium	77-2	3444	3487	3357	3429	1.93	cps
Selenium	78-2	11918	11989	11822	11910	0.70	cps
Selenium	82-1	237215	238098	237557	237623	0.19	cps
Silicon	28-1	16355657	16323511	16494282	16391150	0.55	cps
Silver	109-1	565342	577168	580276	574262	1.37	cps
Silver	107-1	606290	602328	599463	602694	0.57	cps
Sodium	23-2	5210212	5289900	5267220	5255777	0.78	cps
Strontium	86-1	551006	547085	555466	551186	0.76	cps
Strontium	88-1	4782538	4792024	4752608	4775723	0.43	cps
Sulfur	34-1	771669	765309	755955	764311	1.03	cps
Terbium	159-1	5682387	5573107	5589553	5615016	1.05	cps
Terbium	159-2	2229485	2253442	2248003	2243644	0.56	cps
Thallium	203-1	8581964	8492217	8528286	8534156	0.53	cps
Thallium	205-1	19808009	19933194	19859773	19866992	0.32	cps
Tin	118-1	3403146	3457318	3413247	3424570	0.84	cps
Titanium	47-1	224676	220141	222753	222523	1.02	cps
Uranium	238-1	517	408	467	464	11.69	cps
Vanadium	51-2	361902	361344	359427	360891	0.36	cps
Yttrium	89-1	6103073	6134721	6098751	6112182	0.32	cps
Yttrium	89-2	406608	408323	410921	408617	0.53	cps
Zinc	66-2	371613	371830	367236	370226	0.70	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MS	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMS	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:55:46	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3351	3459	3626	3478	3.98	cps
Zirconium	91-1	1333	1333	1534	1400	8.25	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MSD	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:59:09	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30768	31069	30731	30856	0.60	cps
Antimony	121-1	6052054	6040928	5943725	6012236	0.99	cps
Arsenic	75-1	2077688	2063535	2043250	2061491	0.84	cps
Barium	135-1	348872	350171	351578	350207	0.39	cps
Barium	137-1	602905	609200	616654	609586	1.13	cps
Beryllium	9-1	345761	345998	343488	345082	0.40	cps
Bismuth	209-1	3118173	3104913	3081369	3101485	0.60	cps
Bismuth	209-2	1651992	1619872	1607265	1626376	1.42	cps
Boron	10-1	74209	75223	76505	75312	1.53	cps
Boron	11-1	363521	368106	374363	368663	1.48	cps
Cadmium	111-1	361875	356666	356882	358474	0.82	cps
Cadmium	106-1	35022	34403	34637	34687	0.90	cps
Cadmium	108-1	23771	23963	24222	23986	0.94	cps
Calcium	43-1	459507	456420	458740	458223	0.35	cps
Calcium	44-1	7520717	7507718	7540702	7523045	0.22	cps
Chromium	52-2	682199	680664	674860	679241	0.57	cps
Cobalt	59-2	654615	654573	651664	653617	0.26	cps
Copper	63-2	1540580	1560563	1545652	1548932	0.67	cps
Dysprosium	156-1	251516	257249	256059	254942	1.19	cps
Dysprosium	156-2	13791	13667	13464	13641	1.21	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	7	30	17	18	65.83	cps
Gadolinium	160-1	142	150	133	142	5.88	cps
Gadolinium	160-2	20	30	23	24	20.83	cps
Holmium	165-1	5472225	5326818	5365563	5388202	1.40	cps
Holmium	165-2	2268852	2286264	2259781	2271632	0.59	cps
Indium	115-1	5217898	5126301	5076755	5140318	1.39	cps
Indium	115-2	499484	497084	491779	496116	0.79	cps
Iron	56-2	3690413	3575911	3603872	3623399	1.65	cps
Iron	57-2	88988	87107	86059	87385	1.70	cps
Krypton	83-1	687	717	677	693	3.00	cps
Lead	206-1	3718933	3726686	3649325	3698315	1.15	cps
Lead	207-1	3297933	3329140	3299276	3308783	0.53	cps
Lead	208-1	14726104	14776371	14693512	14731996	0.28	cps
Lithium	6-1	1172717	1187489	1174059	1178088	0.69	cps
Magnesium	24-2	548194	546385	552076	548885	0.53	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MSD	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:59:09	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	116463	114815	114642	115307	0.87	cps
Molybdenum	94-1	809821	802839	804508	805723	0.45	cps
Molybdenum	95-1	1445405	1437602	1426368	1436458	0.67	cps
Molybdenum	96-1	1529551	1525607	1549462	1534873	0.83	cps
Molybdenum	97-1	857798	868389	859706	861964	0.65	cps
Molybdenum	98-1	2302380	2295124	2267258	2288254	0.81	cps
Neodymium	150-1	27	53	33	38	36.74	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	473975	479526	477426	476976	0.59	cps
Phosphorus	31-2	8520	8686	7769	8325	5.87	cps
Potassium	39-2	556884	555449	556066	556133	0.13	cps
Rhodium	103-1	5157066	5135971	5089769	5127602	0.67	cps
Rhodium	103-2	2267326	2283596	2275566	2275496	0.36	cps
Scandium	45-1	4325706	4301738	4367002	4331482	0.76	cps
Scandium	45-2	70804	70516	70630	70650	0.21	cps
Selenium	77-2	3597	3647	3744	3663	2.04	cps
Selenium	78-2	12691	12780	12493	12655	1.16	cps
Selenium	82-1	256058	255479	254754	255430	0.26	cps
Silicon	28-1	17298864	17493942	17305008	17365938	0.64	cps
Silver	109-1	620180	620151	618422	619584	0.16	cps
Silver	107-1	648664	648907	646384	647985	0.21	cps
Sodium	23-2	5507590	5486579	5525073	5506414	0.35	cps
Strontium	86-1	595724	586905	584862	589164	0.98	cps
Strontium	88-1	5086814	5047577	4996795	5043729	0.89	cps
Sulfur	34-1	750955	748838	739138	746310	0.84	cps
Terbium	159-1	5785087	5756912	5777188	5773062	0.25	cps
Terbium	159-2	2262264	2255242	2242039	2253182	0.46	cps
Thallium	203-1	9193795	9107945	9143237	9148326	0.47	cps
Thallium	205-1	21595684	21557432	21354541	21502552	0.60	cps
Tin	118-1	3728958	3714522	3641965	3695148	1.26	cps
Titanium	47-1	241831	239150	237870	239617	0.84	cps
Uranium	238-1	600	575	592	589	2.16	cps
Vanadium	51-2	384714	384026	383304	384015	0.18	cps
Yttrium	89-1	6126540	6159935	6088145	6124873	0.59	cps
Yttrium	89-2	408627	408417	407575	408206	0.14	cps
Zinc	66-2	394499	393550	389831	392626	0.63	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01MSD	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 16:59:09	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2942	2700	2900	2848	4.54	cps
Zirconium	91-1	1525	992	1408	1308	21.43	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : K1285-01A Instrumnet Name : P8
 Client Sample ID : BUMBLE-BEEA Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:02:31 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30535	30069	30174	30260	0.81	cps
Antimony	121-1	5702518	5822064	5727592	5750725	1.10	cps
Arsenic	75-1	1940549	1945571	1919660	1935260	0.71	cps
Barium	135-1	330809	338285	329057	332717	1.47	cps
Barium	137-1	582640	581066	579353	581020	0.28	cps
Beryllium	9-1	325413	330155	322669	326079	1.16	cps
Bismuth	209-1	3166924	3188871	3127702	3161166	0.98	cps
Bismuth	209-2	1653742	1678405	1662443	1664863	0.75	cps
Boron	10-1	70456	73631	72207	72098	2.21	cps
Boron	11-1	344535	353652	357586	351924	1.90	cps
Cadmium	111-1	342285	340893	336789	339989	0.84	cps
Cadmium	106-1	32349	33117	31496	32320	2.51	cps
Cadmium	108-1	22853	23103	22845	22934	0.64	cps
Calcium	43-1	439240	442504	438402	440049	0.49	cps
Calcium	44-1	7137475	7160298	7151761	7149845	0.16	cps
Chromium	52-2	651078	652005	659145	654076	0.67	cps
Cobalt	59-2	629097	631515	633245	631285	0.33	cps
Copper	63-2	1452075	1457264	1480279	1463206	1.03	cps
Dysprosium	156-1	237265	240480	243232	240326	1.24	cps
Dysprosium	156-2	12910	12576	12680	12722	1.34	cps
Erbium	164-1	42	42	58	47	20.38	cps
Erbium	164-2	13	37	23	24	47.91	cps
Gadolinium	160-1	192	167	183	181	7.05	cps
Gadolinium	160-2	10	17	27	18	47.19	cps
Holmium	165-1	5422508	5358336	5371310	5384051	0.63	cps
Holmium	165-2	2330033	2303555	2275909	2303165	1.18	cps
Indium	115-1	5145559	5267473	5122311	5178447	1.51	cps
Indium	115-2	502382	499288	498807	500159	0.39	cps
Iron	56-2	3500755	3501882	3537230	3513289	0.59	cps
Iron	57-2	86188	84941	85623	85584	0.73	cps
Krypton	83-1	780	647	710	712	9.37	cps
Lead	206-1	3544744	3519033	3476069	3513282	0.99	cps
Lead	207-1	3208174	3204884	3114575	3175878	1.67	cps
Lead	208-1	14289687	14255203	13905981	14150290	1.50	cps
Lithium	6-1	1144698	1157262	1148527	1150163	0.56	cps
Magnesium	24-2	530385	526053	528027	528155	0.41	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01A	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:02:31	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110475	110120	110089	110228	0.19	cps
Molybdenum	94-1	764707	768300	759154	764054	0.60	cps
Molybdenum	95-1	1331396	1361113	1312834	1335114	1.82	cps
Molybdenum	96-1	1438947	1475428	1451461	1455279	1.27	cps
Molybdenum	97-1	824913	833508	819433	825951	0.86	cps
Molybdenum	98-1	2165029	2196913	2101121	2154354	2.26	cps
Neodymium	150-1	80	47	40	56	38.57	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	457891	454192	460320	457468	0.67	cps
Phosphorus	31-2	8178	7769	8194	8047	2.99	cps
Potassium	39-2	540467	537893	536694	538351	0.36	cps
Rhodium	103-1	5164932	5234126	5105858	5168305	1.24	cps
Rhodium	103-2	2310253	2287329	2321985	2306522	0.76	cps
Scandium	45-1	4261925	4348546	4303044	4304505	1.01	cps
Scandium	45-2	72184	71547	71910	71880	0.44	cps
Selenium	77-2	3681	3691	3431	3601	4.09	cps
Selenium	78-2	11844	12174	12326	12115	2.03	cps
Selenium	82-1	243199	244486	242057	243247	0.50	cps
Silicon	28-1	16721102	16923688	16603075	16749289	0.97	cps
Silver	109-1	585203	583043	579047	582431	0.54	cps
Silver	107-1	621399	628616	613593	621203	1.21	cps
Sodium	23-2	5382528	5314467	5339004	5345333	0.64	cps
Strontium	86-1	562358	569400	560581	564113	0.83	cps
Strontium	88-1	4850392	4936018	4855947	4880786	0.98	cps
Sulfur	34-1	736792	731673	732932	733799	0.36	cps
Terbium	159-1	5696001	5769259	5678309	5714523	0.84	cps
Terbium	159-2	2289831	2249114	2258967	2265971	0.94	cps
Thallium	203-1	8674577	8768219	8594482	8679093	1.00	cps
Thallium	205-1	20357770	20483130	20363805	20401568	0.35	cps
Tin	118-1	3487358	3593549	3459825	3513577	2.01	cps
Titanium	47-1	224269	227249	226247	225922	0.67	cps
Uranium	238-1	450	458	467	458	1.82	cps
Vanadium	51-2	370779	366157	370114	369017	0.68	cps
Yttrium	89-1	6162152	6248351	6109385	6173296	1.14	cps
Yttrium	89-2	411446	410426	418026	413299	1.00	cps
Zinc	66-2	376954	380933	379335	379074	0.53	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-01A	Instrumnet Name :	P8
Client Sample ID :	BUMBLE-BEEA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:02:31	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2817	2900	2784	2834	2.12	cps
Zirconium	91-1	1308	1333	1225	1289	4.40	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-02	Instrumnet Name :	P8
Client Sample ID :	RAINBOW	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:05:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	268	303	295	288	6.39	cps
Antimony	121-1	3851	3876	3634	3787	3.51	cps
Arsenic	75-1	1719	1853	1896	1823	5.06	cps
Barium	135-1	39201	39477	39435	39371	0.38	cps
Barium	137-1	67539	68344	67615	67833	0.66	cps
Beryllium	9-1	153	183	137	158	14.99	cps
Bismuth	209-1	3087693	3057180	3030211	3058361	0.94	cps
Bismuth	209-2	1579690	1614017	1580416	1591374	1.23	cps
Boron	10-1	4351	4643	4393	4462	3.54	cps
Boron	11-1	21993	22126	21358	21826	1.88	cps
Cadmium	111-1	1156	1287	1064	1169	9.59	cps
Cadmium	106-1	1600	1809	1467	1625	10.60	cps
Cadmium	108-1	63	29	42	44	37.88	cps
Calcium	43-1	396166	393737	397746	395883	0.51	cps
Calcium	44-1	6358909	6498332	6477663	6444968	1.17	cps
Chromium	52-2	2267	2107	2227	2200	3.78	cps
Cobalt	59-2	237	280	307	274	12.87	cps
Copper	63-2	702302	701054	701398	701585	0.09	cps
Dysprosium	156-1	58	58	25	47	40.76	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	13	3	20	12	68.66	cps
Gadolinium	160-1	83	42	58	61	34.32	cps
Gadolinium	160-2	10	27	30	22	48.22	cps
Holmium	165-1	5278269	5374366	5228052	5293562	1.40	cps
Holmium	165-2	2216152	2254304	2245171	2238542	0.89	cps
Indium	115-1	5137909	5070761	5180294	5129654	1.08	cps
Indium	115-2	505053	507043	499705	503934	0.75	cps
Iron	56-2	19436	20511	19403	19783	3.19	cps
Iron	57-2	556	528	533	539	2.73	cps
Krypton	83-1	780	673	683	712	8.27	cps
Lead	206-1	3412	3256	2845	3171	9.24	cps
Lead	207-1	2862	2739	2634	2745	4.15	cps
Lead	208-1	13025	12742	11853	12540	4.88	cps
Lithium	6-1	1109852	1155643	1144879	1136791	2.11	cps
Magnesium	24-2	377961	376633	375308	376634	0.35	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-02	Instrumnet Name :	P8
Client Sample ID :	RAINBOW	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:05:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3697	3984	3984	3888	4.26	cps
Molybdenum	94-1	592	767	650	669	13.31	cps
Molybdenum	95-1	900	833	858	864	3.90	cps
Molybdenum	96-1	1217	933	758	970	23.86	cps
Molybdenum	97-1	617	492	592	567	11.67	cps
Molybdenum	98-1	1425	1434	1250	1370	7.56	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	49645	49518	50010	49724	0.51	cps
Phosphorus	31-2	467	492	500	486	3.57	cps
Potassium	39-2	84596	83087	82592	83425	1.25	cps
Rhodium	103-1	5094089	5128055	5043666	5088604	0.83	cps
Rhodium	103-2	2272918	2305533	2285595	2288015	0.72	cps
Scandium	45-1	4269767	4234637	4284080	4262828	0.60	cps
Scandium	45-2	72094	72275	71615	71994	0.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	9	17	12	31.24	cps
Selenium	82-1	-45	66	56	26	240.97	cps
Silicon	28-1	11819934	11704740	11699441	11741372	0.58	cps
Silver	109-1	408	433	475	439	7.67	cps
Silver	107-1	350	508	525	461	20.95	cps
Sodium	23-2	4626023	4678408	4677668	4660700	0.64	cps
Strontium	86-1	119580	119931	120260	119924	0.28	cps
Strontium	88-1	1013892	1021859	1025984	1020578	0.60	cps
Sulfur	34-1	751599	746785	752157	750180	0.39	cps
Terbium	159-1	5579090	5589171	5607625	5591962	0.26	cps
Terbium	159-2	2212374	2266120	2219831	2232775	1.30	cps
Thallium	203-1	575	750	600	642	14.75	cps
Thallium	205-1	1458	1500	1642	1534	6.27	cps
Tin	118-1	1008	942	833	928	9.52	cps
Titanium	47-1	592	625	508	575	10.45	cps
Uranium	238-1	467	425	400	431	7.82	cps
Vanadium	51-2	110	110	110	110	0.00	cps
Yttrium	89-1	6083011	6024715	6111216	6072981	0.73	cps
Yttrium	89-2	408082	412831	404653	408522	1.01	cps
Zinc	66-2	339224	342034	339739	340332	0.44	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-02	Instrumnet Name :	P8
Client Sample ID :	RAINBOW	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:05:53	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	425	442	458	442	3.77	cps
Zirconium	91-1	100	100	75	92	15.75	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-03	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:09:21	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	343	365	388	365	6.17	cps
Antimony	121-1	1742	1650	1850	1747	5.73	cps
Arsenic	75-1	1607	1522	1641	1590	3.85	cps
Barium	135-1	39268	39260	39660	39396	0.58	cps
Barium	137-1	68026	69425	68729	68727	1.02	cps
Beryllium	9-1	163	120	100	128	25.34	cps
Bismuth	209-1	2693615	2877197	2921069	2830627	4.26	cps
Bismuth	209-2	1503249	1498520	1518726	1506832	0.70	cps
Boron	10-1	3409	3326	3767	3501	6.71	cps
Boron	11-1	17236	17511	17136	17294	1.12	cps
Cadmium	111-1	1108	1216	1271	1198	6.90	cps
Cadmium	106-1	1475	1617	1759	1617	8.76	cps
Cadmium	108-1	17	29	50	32	52.71	cps
Calcium	43-1	383808	386976	389694	386826	0.76	cps
Calcium	44-1	6403196	6309026	6383573	6365265	0.78	cps
Chromium	52-2	2254	2310	2274	2279	1.26	cps
Cobalt	59-2	227	290	337	284	19.41	cps
Copper	63-2	442156	442086	439604	441282	0.33	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	50	83	25	53	55.46	cps
Erbium	164-2	0	23	13	12	95.78	cps
Gadolinium	160-1	25	75	75	58	49.49	cps
Gadolinium	160-2	20	37	7	21	71.19	cps
Holmium	165-1	4679893	5027943	4945467	4884434	3.72	cps
Holmium	165-2	2150935	2150177	2151250	2150788	0.03	cps
Indium	115-1	4462577	4843530	4758084	4688064	4.26	cps
Indium	115-2	480032	480644	484027	481568	0.45	cps
Iron	56-2	26175	32455	26465	28365	12.50	cps
Iron	57-2	717	650	711	693	5.34	cps
Krypton	83-1	633	750	613	666	11.09	cps
Lead	206-1	9771	10010	9510	9763	2.56	cps
Lead	207-1	7986	8181	8175	8114	1.37	cps
Lead	208-1	37395	37277	36838	37170	0.79	cps
Lithium	6-1	1024184	1077290	1082824	1061433	3.05	cps
Magnesium	24-2	369228	366161	372104	369164	0.80	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-03	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:09:21	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4344	4334	4434	4371	1.26	cps
Molybdenum	94-1	650	725	525	633	15.95	cps
Molybdenum	95-1	792	792	733	772	4.36	cps
Molybdenum	96-1	742	933	817	831	11.63	cps
Molybdenum	97-1	792	542	583	639	20.97	cps
Molybdenum	98-1	1058	1300	1142	1167	10.52	cps
Neodymium	150-1	27	60	33	40	44.09	cps
Neodymium	150-2	20	7	10	12	56.76	cps
Nickel	60-2	10995	11105	10577	10892	2.55	cps
Phosphorus	31-2	617	725	667	669	8.10	cps
Potassium	39-2	84705	81762	82308	82925	1.89	cps
Rhodium	103-1	4490911	4770914	4838846	4700224	3.92	cps
Rhodium	103-2	2193977	2182456	2214639	2197024	0.74	cps
Scandium	45-1	3782963	3988523	4014377	3928621	3.23	cps
Scandium	45-2	66965	67099	67602	67222	0.50	cps
Selenium	77-2	3	0	17	7	132.33	cps
Selenium	78-2	11	2	7	7	68.65	cps
Selenium	82-1	62	-17	61	35	127.55	cps
Silicon	28-1	11695983	11727970	11769626	11731193	0.31	cps
Silver	109-1	550	500	542	531	5.05	cps
Silver	107-1	633	550	517	567	10.60	cps
Sodium	23-2	4587370	4658087	4674446	4639968	1.00	cps
Strontium	86-1	118091	118747	119133	118657	0.44	cps
Strontium	88-1	999916	1004702	1024883	1009834	1.31	cps
Sulfur	34-1	774638	769702	768767	771035	0.41	cps
Terbium	159-1	5029745	5332561	5226432	5196246	2.96	cps
Terbium	159-2	2147256	2100033	2116854	2121381	1.13	cps
Thallium	203-1	250	258	175	228	20.15	cps
Thallium	205-1	433	517	475	475	8.77	cps
Tin	118-1	808	742	683	745	8.40	cps
Titanium	47-1	758	725	758	747	2.58	cps
Uranium	238-1	350	433	425	403	11.39	cps
Vanadium	51-2	143	123	140	136	7.90	cps
Yttrium	89-1	5322543	5682117	5745339	5583333	4.08	cps
Yttrium	89-2	388948	385486	390117	388183	0.62	cps
Zinc	66-2	166954	165359	164179	165497	0.84	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-03	Instrumnet Name :	P8
Client Sample ID :	KITCHEN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:09:21	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	433	300	358	364	18.37	cps
Zirconium	91-1	117	75	92	94	22.21	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-04	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:12:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330	293	345	323	8.38	cps
Antimony	121-1	1150	1067	1083	1100	4.01	cps
Arsenic	75-1	1679	1553	1492	1574	6.05	cps
Barium	135-1	38883	38682	38240	38602	0.85	cps
Barium	137-1	65555	65271	67012	65946	1.42	cps
Beryllium	9-1	127	130	103	120	12.11	cps
Bismuth	209-1	3075680	3154157	3167942	3132593	1.59	cps
Bismuth	209-2	1635340	1671183	1686479	1664334	1.58	cps
Boron	10-1	3459	3067	3401	3309	6.39	cps
Boron	11-1	16844	16035	17203	16694	3.58	cps
Cadmium	111-1	1013	1229	987	1076	12.35	cps
Cadmium	106-1	1442	1709	1408	1520	10.82	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	408592	411043	413297	410977	0.57	cps
Calcium	44-1	6665216	6729256	6781792	6725421	0.87	cps
Chromium	52-2	1977	2020	2027	2008	1.35	cps
Cobalt	59-2	167	137	187	163	15.41	cps
Copper	63-2	516633	524238	518132	519668	0.78	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	83	33	50	56	45.83	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	58	67	67	64	7.53	cps
Gadolinium	160-2	27	37	17	27	37.50	cps
Holmium	165-1	5122788	5441938	5459522	5341416	3.55	cps
Holmium	165-2	2315390	2286753	2371042	2324395	1.84	cps
Indium	115-1	5099774	5277709	5380005	5252496	2.70	cps
Indium	115-2	521419	520028	518270	519906	0.30	cps
Iron	56-2	22524	22647	22508	22560	0.34	cps
Iron	57-2	594	639	511	582	11.16	cps
Krypton	83-1	710	687	633	677	5.81	cps
Lead	206-1	1072	839	789	900	16.80	cps
Lead	207-1	678	822	672	724	11.75	cps
Lead	208-1	3873	3545	3523	3647	5.38	cps
Lithium	6-1	1118703	1177228	1171656	1155862	2.79	cps
Magnesium	24-2	390676	386309	388106	388363	0.57	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-04	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:12:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3544	3410	3491	3482	1.93	cps
Molybdenum	94-1	625	517	600	581	9.77	cps
Molybdenum	95-1	717	742	683	714	4.10	cps
Molybdenum	96-1	900	892	825	872	4.71	cps
Molybdenum	97-1	642	567	567	592	7.32	cps
Molybdenum	98-1	1150	1317	1233	1233	6.76	cps
Neodymium	150-1	40	40	13	31	49.50	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	1073	1280	1080	1145	10.26	cps
Phosphorus	31-2	925	692	883	833	14.93	cps
Potassium	39-2	86096	87648	86072	86606	1.04	cps
Rhodium	103-1	4958274	5207072	5275570	5146972	3.24	cps
Rhodium	103-2	2353667	2318551	2350915	2341044	0.83	cps
Scandium	45-1	4174361	4344347	4382395	4300368	2.58	cps
Scandium	45-2	72654	73223	72489	72789	0.53	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	1	-40	46	2	1831.43	cps
Silicon	28-1	12440257	12181218	12006132	12209202	1.79	cps
Silver	109-1	275	167	258	233	25.00	cps
Silver	107-1	400	400	350	383	7.53	cps
Sodium	23-2	4895881	4810111	4866393	4857462	0.90	cps
Strontium	86-1	123540	123876	124809	124075	0.53	cps
Strontium	88-1	1053633	1050749	1062859	1055747	0.60	cps
Sulfur	34-1	791651	793559	784924	790045	0.57	cps
Terbium	159-1	5493052	5693673	5730993	5639239	2.27	cps
Terbium	159-2	2261236	2337098	2317798	2305377	1.71	cps
Thallium	203-1	150	67	150	122	39.37	cps
Thallium	205-1	383	267	350	333	18.03	cps
Tin	118-1	425	575	425	475	18.23	cps
Titanium	47-1	675	742	625	681	8.60	cps
Uranium	238-1	558	375	408	447	21.84	cps
Vanadium	51-2	140	80	150	123	30.70	cps
Yttrium	89-1	5959124	6166427	6289182	6138244	2.72	cps
Yttrium	89-2	419396	421302	418649	419782	0.33	cps
Zinc	66-2	4314	4231	4514	4353	3.35	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-04	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:12:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	542	567	308	472	30.17	cps
Zirconium	91-1	42	108	183	111	63.79	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-05	Instrumnet Name :	P8
Client Sample ID :	ADULTS-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:16:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	555	563	555	558	0.78	cps
Antimony	121-1	1200	983	1000	1061	11.36	cps
Arsenic	75-1	1395	1537	1617	1516	7.44	cps
Barium	135-1	37730	39025	39168	38641	2.05	cps
Barium	137-1	66827	67976	67205	67336	0.87	cps
Beryllium	9-1	77	90	120	96	23.22	cps
Bismuth	209-1	3045977	3057847	3098743	3067522	0.90	cps
Bismuth	209-2	1587986	1621384	1652882	1620751	2.00	cps
Boron	10-1	3134	3317	3242	3231	2.85	cps
Boron	11-1	15893	16168	15301	15787	2.81	cps
Cadmium	111-1	938	1019	1051	1003	5.79	cps
Cadmium	106-1	1333	1458	1492	1428	5.85	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	398144	396242	394177	396187	0.50	cps
Calcium	44-1	6570587	6502086	6457943	6510205	0.87	cps
Chromium	52-2	2127	2184	2184	2165	1.51	cps
Cobalt	59-2	187	160	180	176	7.91	cps
Copper	63-2	129039	130556	130819	130138	0.74	cps
Dysprosium	156-1	108	75	50	78	37.63	cps
Dysprosium	156-2	13	23	20	19	26.96	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	17	30	10	19	53.91	cps
Gadolinium	160-1	133	83	42	86	53.30	cps
Gadolinium	160-2	40	23	33	32	26.04	cps
Holmium	165-1	5300880	5239493	5355259	5298544	1.09	cps
Holmium	165-2	2282567	2292535	2272517	2282540	0.44	cps
Indium	115-1	5190816	5167261	5230417	5196165	0.61	cps
Indium	115-2	505155	512303	506155	507871	0.76	cps
Iron	56-2	43708	43229	44288	43741	1.21	cps
Iron	57-2	1133	1039	1150	1107	5.41	cps
Krypton	83-1	690	670	680	680	1.47	cps
Lead	206-1	2850	2539	2673	2687	5.81	cps
Lead	207-1	2456	2350	2495	2434	3.07	cps
Lead	208-1	10930	10280	11030	10747	3.79	cps
Lithium	6-1	1125753	1129451	1123687	1126297	0.26	cps
Magnesium	24-2	375325	375361	373390	374692	0.30	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-05	Instrumnet Name :	P8
Client Sample ID :	ADULTS-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:16:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8096	8209	8383	8229	1.76	cps
Molybdenum	94-1	650	583	633	622	5.58	cps
Molybdenum	95-1	658	717	642	672	5.86	cps
Molybdenum	96-1	917	800	725	814	11.87	cps
Molybdenum	97-1	558	625	425	536	18.99	cps
Molybdenum	98-1	1050	992	1033	1025	2.93	cps
Neodymium	150-1	53	27	80	53	49.99	cps
Neodymium	150-2	7	23	10	13	66.12	cps
Nickel	60-2	733	687	653	691	5.81	cps
Phosphorus	31-2	733	867	817	806	8.36	cps
Potassium	39-2	81511	83121	82878	82503	1.05	cps
Rhodium	103-1	5107130	5117290	5109841	5111420	0.10	cps
Rhodium	103-2	2333718	2312122	2317928	2321256	0.48	cps
Scandium	45-1	4231945	4261079	4250062	4247695	0.35	cps
Scandium	45-2	71173	71424	72295	71630	0.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	7	6	33.38	cps
Selenium	82-1	-11	-17	-55	-28	-86.72	cps
Silicon	28-1	11758898	11730553	11728649	11739367	0.14	cps
Silver	109-1	292	333	233	286	17.56	cps
Silver	107-1	450	367	317	378	17.83	cps
Sodium	23-2	4680194	4660678	4690891	4677254	0.33	cps
Strontium	86-1	120243	119485	122757	120828	1.42	cps
Strontium	88-1	1026882	1026431	1026942	1026752	0.03	cps
Sulfur	34-1	798369	793418	797062	796283	0.32	cps
Terbium	159-1	5560461	5562490	5614926	5579292	0.55	cps
Terbium	159-2	2275332	2224663	2266813	2255602	1.20	cps
Thallium	203-1	67	175	108	117	46.84	cps
Thallium	205-1	167	242	200	203	18.53	cps
Tin	118-1	533	558	517	536	3.91	cps
Titanium	47-1	850	908	958	906	5.99	cps
Uranium	238-1	492	475	458	475	3.51	cps
Vanadium	51-2	183	160	133	159	15.75	cps
Yttrium	89-1	5983045	5983554	6112358	6026319	1.24	cps
Yttrium	89-2	410931	410785	406982	409566	0.55	cps
Zinc	66-2	8476	8383	8690	8516	1.85	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-05	Instrumnet Name :	P8
Client Sample ID :	ADULTS-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:16:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	425	442	533	467	12.50	cps
Zirconium	91-1	92	92	108	97	9.90	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : K1285-06 Instrumnet Name : P8
 Client Sample ID : CHILDREN-BATHROOM Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:19:44 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	705	753	765	741	4.27	cps
Antimony	121-1	1058	1117	1108	1095	2.88	cps
Arsenic	75-1	1691	1630	1687	1669	2.04	cps
Barium	135-1	44685	44510	44242	44479	0.50	cps
Barium	137-1	76413	75500	75617	75844	0.66	cps
Beryllium	9-1	63	97	80	80	20.84	cps
Bismuth	209-1	3156695	3108173	3126937	3130602	0.78	cps
Bismuth	209-2	1651501	1685721	1658113	1665112	1.09	cps
Boron	10-1	2900	2984	3075	2987	2.93	cps
Boron	11-1	14833	14767	15717	15106	3.51	cps
Cadmium	111-1	1238	1195	982	1138	12.07	cps
Cadmium	106-1	1717	1650	1350	1572	12.42	cps
Cadmium	108-1	25	8	25	19	49.50	cps
Calcium	43-1	416172	413491	417315	415659	0.47	cps
Calcium	44-1	6771156	6805258	6742737	6773050	0.46	cps
Chromium	52-2	2104	1927	2060	2030	4.54	cps
Cobalt	59-2	277	267	277	273	2.11	cps
Copper	63-2	64134	63829	64345	64103	0.40	cps
Dysprosium	156-1	67	75	75	72	6.66	cps
Dysprosium	156-2	27	17	37	27	37.50	cps
Erbium	164-1	92	42	125	86	48.71	cps
Erbium	164-2	30	43	53	42	27.72	cps
Gadolinium	160-1	108	92	158	119	29.05	cps
Gadolinium	160-2	37	50	20	36	42.27	cps
Holmium	165-1	5381416	5337633	5375211	5364753	0.44	cps
Holmium	165-2	2302405	2316984	2360316	2326568	1.29	cps
Indium	115-1	5231346	5181907	5121388	5178214	1.06	cps
Indium	115-2	514433	509737	512510	512227	0.46	cps
Iron	56-2	136905	138925	137970	137933	0.73	cps
Iron	57-2	3284	3301	3434	3339	2.46	cps
Krypton	83-1	573	763	677	671	14.17	cps
Lead	206-1	2017	1895	1834	1915	4.88	cps
Lead	207-1	1756	1672	1522	1650	7.17	cps
Lead	208-1	8051	7457	7446	7651	4.53	cps
Lithium	6-1	1173236	1121252	1153262	1149250	2.28	cps
Magnesium	24-2	389322	393064	390367	390918	0.49	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : K1285-06 Instrumnet Name : P8
 Client Sample ID : CHILDREN-BATHROOM Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:19:44 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23934	23814	24652	24133	1.88	cps
Molybdenum	94-1	642	742	708	697	7.30	cps
Molybdenum	95-1	700	767	850	772	9.73	cps
Molybdenum	96-1	800	850	767	806	5.21	cps
Molybdenum	97-1	433	517	483	478	8.78	cps
Molybdenum	98-1	958	1192	1200	1117	12.29	cps
Neodymium	150-1	60	33	40	44	31.22	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	1700	1770	1867	1779	4.70	cps
Phosphorus	31-2	825	758	883	822	7.61	cps
Potassium	39-2	93477	92345	93276	93032	0.65	cps
Rhodium	103-1	5261179	5168090	5167802	5199024	1.04	cps
Rhodium	103-2	2354310	2320721	2328395	2334475	0.75	cps
Scandium	45-1	4377358	4268582	4266938	4304293	1.47	cps
Scandium	45-2	71259	70854	72063	71392	0.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	7	4	6	33.38	cps
Selenium	82-1	127	-73	-4	17	613.82	cps
Silicon	28-1	12541155	12282679	12279852	12367896	1.21	cps
Silver	109-1	350	300	292	314	10.05	cps
Silver	107-1	367	342	308	339	8.64	cps
Sodium	23-2	4866212	4927284	4883797	4892431	0.64	cps
Strontium	86-1	125423	127936	126861	126740	0.99	cps
Strontium	88-1	1071738	1075178	1072989	1073302	0.16	cps
Sulfur	34-1	815543	817522	810166	814410	0.47	cps
Terbium	159-1	5695414	5625008	5642875	5654432	0.65	cps
Terbium	159-2	2279114	2282695	2278807	2280205	0.09	cps
Thallium	203-1	92	67	117	92	27.27	cps
Thallium	205-1	192	317	242	250	25.17	cps
Tin	118-1	517	442	375	444	15.95	cps
Titanium	47-1	1842	2109	1942	1964	6.86	cps
Uranium	238-1	583	550	633	589	7.12	cps
Vanadium	51-2	157	133	187	159	16.83	cps
Yttrium	89-1	6122275	6038303	6054637	6071738	0.73	cps
Yttrium	89-2	415155	412251	409868	412424	0.64	cps
Zinc	66-2	60880	60160	61405	60815	1.03	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-06	Instrumnet Name :	P8
Client Sample ID :	CHILDREN-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:19:44	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	833	700	750	761	8.85	cps
Zirconium	91-1	175	167	117	153	20.65	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : K1285-07 Instrumnet Name : P8
 Client Sample ID : CHILDREN-BATHROOM Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:23:11 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	493	478	443	471	5.45	cps
Antimony	121-1	933	775	825	845	9.58	cps
Arsenic	75-1	1600	1382	1634	1538	8.88	cps
Barium	135-1	40396	39293	40847	40179	1.99	cps
Barium	137-1	68235	68839	69952	69009	1.26	cps
Beryllium	9-1	73	103	63	80	26.03	cps
Bismuth	209-1	3169933	3198367	3159758	3176019	0.63	cps
Bismuth	209-2	1676863	1693433	1671522	1680606	0.68	cps
Boron	10-1	2867	3142	2950	2987	4.72	cps
Boron	11-1	14500	14725	14992	14739	1.67	cps
Cadmium	111-1	1086	1096	1207	1130	5.94	cps
Cadmium	106-1	1517	1500	1675	1564	6.18	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	395864	393000	397614	395492	0.59	cps
Calcium	44-1	6490172	6602471	6545722	6546122	0.86	cps
Chromium	52-2	2044	1943	2040	2009	2.83	cps
Cobalt	59-2	167	197	163	176	10.46	cps
Copper	63-2	73175	72803	72974	72984	0.26	cps
Dysprosium	156-1	25	67	33	42	52.92	cps
Dysprosium	156-2	3	10	17	10	66.70	cps
Erbium	164-1	75	33	33	47	50.95	cps
Erbium	164-2	27	20	17	21	24.12	cps
Gadolinium	160-1	75	58	142	92	48.10	cps
Gadolinium	160-2	40	27	17	28	42.13	cps
Holmium	165-1	5464716	5431988	5477586	5458097	0.43	cps
Holmium	165-2	2286586	2329095	2303061	2306248	0.93	cps
Indium	115-1	5236141	5256959	5299043	5264048	0.61	cps
Indium	115-2	514394	511609	509799	511934	0.45	cps
Iron	56-2	38331	40887	37869	39029	4.16	cps
Iron	57-2	978	978	1056	1004	4.47	cps
Krypton	83-1	693	717	760	723	4.68	cps
Lead	206-1	2278	2278	2450	2335	4.26	cps
Lead	207-1	1928	2178	1956	2021	6.78	cps
Lead	208-1	9018	9819	9618	9485	4.39	cps
Lithium	6-1	1139321	1192301	1196202	1175942	2.70	cps
Magnesium	24-2	374725	373291	376214	374743	0.39	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : K1285-07 Instrumnet Name : P8
 Client Sample ID : CHILDREN-BATHROOM Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:23:11 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7462	7472	7309	7414	1.24	cps
Molybdenum	94-1	650	533	542	575	11.32	cps
Molybdenum	95-1	783	775	983	847	13.92	cps
Molybdenum	96-1	742	950	608	767	22.46	cps
Molybdenum	97-1	483	550	475	503	8.18	cps
Molybdenum	98-1	1233	1150	1058	1147	7.63	cps
Neodymium	150-1	40	47	13	33	52.92	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	987	863	947	932	6.75	cps
Phosphorus	31-2	733	608	833	725	15.55	cps
Potassium	39-2	83431	81696	83565	82897	1.26	cps
Rhodium	103-1	5229170	5249718	5364111	5281000	1.38	cps
Rhodium	103-2	2324909	2311299	2321544	2319251	0.31	cps
Scandium	45-1	4233782	4331872	4335023	4300226	1.34	cps
Scandium	45-2	71615	70493	71527	71212	0.88	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	4	4	6	69.34	cps
Selenium	82-1	-9	-35	-83	-43	-88.10	cps
Silicon	28-1	11706380	11866944	11774209	11782511	0.68	cps
Silver	109-1	292	175	242	236	24.79	cps
Silver	107-1	325	275	383	328	16.54	cps
Sodium	23-2	4696414	4709863	4686813	4697697	0.25	cps
Strontium	86-1	119763	120327	120890	120327	0.47	cps
Strontium	88-1	1019398	1034450	1018454	1024101	0.88	cps
Sulfur	34-1	810126	820423	816466	815671	0.64	cps
Terbium	159-1	5699770	5800472	5762432	5754224	0.88	cps
Terbium	159-2	2299570	2304123	2319505	2307733	0.45	cps
Thallium	203-1	100	50	75	75	33.34	cps
Thallium	205-1	133	150	250	178	35.49	cps
Tin	118-1	708	408	558	558	26.87	cps
Titanium	47-1	875	1008	983	956	7.42	cps
Uranium	238-1	392	442	467	433	8.81	cps
Vanadium	51-2	120	103	113	112	7.47	cps
Yttrium	89-1	6083115	6150263	6181468	6138282	0.82	cps
Yttrium	89-2	410333	410965	408585	409961	0.30	cps
Zinc	66-2	52576	52469	52603	52549	0.13	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-07	Instrumnet Name :	P8
Client Sample ID :	CHILDREN-BATHROOM	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:23:11	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	633	458	542	544	16.08	cps
Zirconium	91-1	142	175	42	119	58.09	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-08	Instrumnet Name :	P8
Client Sample ID :	PANDA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:26:38	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303	315	345	321	6.81	cps
Antimony	121-1	975	883	842	900	7.58	cps
Arsenic	75-1	1581	1443	1562	1528	4.90	cps
Barium	135-1	41608	41533	41575	41572	0.09	cps
Barium	137-1	72650	73606	72810	73022	0.70	cps
Beryllium	9-1	87	107	107	100	11.55	cps
Bismuth	209-1	3188915	3230368	3261669	3226984	1.13	cps
Bismuth	209-2	1694096	1693008	1739329	1708811	1.55	cps
Boron	10-1	2892	2592	2992	2825	7.37	cps
Boron	11-1	14316	13941	14650	14302	2.48	cps
Cadmium	111-1	1398	1240	1208	1282	7.95	cps
Cadmium	106-1	1792	1567	1533	1631	8.62	cps
Cadmium	108-1	50	46	33	43	20.15	cps
Calcium	43-1	395522	396362	395814	395899	0.11	cps
Calcium	44-1	6502271	6565105	6537997	6535124	0.48	cps
Chromium	52-2	1924	2127	2124	2058	5.66	cps
Cobalt	59-2	207	197	237	213	9.76	cps
Copper	63-2	523354	523856	521130	522780	0.28	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	17	23	7	16	53.90	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	17	20	23	20	16.65	cps
Gadolinium	160-1	58	33	92	61	47.89	cps
Gadolinium	160-2	30	17	13	20	44.10	cps
Holmium	165-1	5552552	5578521	5618143	5583072	0.59	cps
Holmium	165-2	2332713	2346330	2365970	2348338	0.71	cps
Indium	115-1	5239088	5291266	5398802	5309718	1.53	cps
Indium	115-2	513740	518360	517533	516544	0.48	cps
Iron	56-2	23482	23170	23326	23326	0.67	cps
Iron	57-2	700	522	650	624	14.69	cps
Krypton	83-1	603	650	657	637	4.56	cps
Lead	206-1	9904	9632	9915	9817	1.64	cps
Lead	207-1	8392	8220	8331	8314	1.05	cps
Lead	208-1	38279	37962	38735	38326	1.01	cps
Lithium	6-1	1150332	1198983	1223103	1190806	3.11	cps
Magnesium	24-2	368279	374426	370014	370906	0.85	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-08	Instrumnet Name :	P8
Client Sample ID :	PANDA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:26:38	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4217	4431	4501	4383	3.37	cps
Molybdenum	94-1	642	583	617	614	4.77	cps
Molybdenum	95-1	600	583	708	631	10.76	cps
Molybdenum	96-1	842	833	917	864	5.31	cps
Molybdenum	97-1	525	617	517	553	10.04	cps
Molybdenum	98-1	1125	1200	1400	1242	11.45	cps
Neodymium	150-1	33	33	47	38	20.38	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	5735	5718	5775	5742	0.51	cps
Phosphorus	31-2	658	708	542	636	13.45	cps
Potassium	39-2	83414	84000	85435	84283	1.23	cps
Rhodium	103-1	5222853	5310987	5256988	5263609	0.84	cps
Rhodium	103-2	2358960	2332744	2326004	2339236	0.74	cps
Scandium	45-1	4316922	4351915	4331686	4333508	0.41	cps
Scandium	45-2	70529	71786	70834	71050	0.92	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	7	9	9	9	12.36	cps
Selenium	82-1	76	-20	24	26	182.89	cps
Silicon	28-1	11701987	11858046	11757638	11772557	0.67	cps
Silver	109-1	358	425	442	408	10.80	cps
Silver	107-1	367	525	425	439	18.25	cps
Sodium	23-2	4596964	4607720	4672842	4625842	0.89	cps
Strontium	86-1	123605	122993	122959	123186	0.30	cps
Strontium	88-1	1037111	1039436	1047149	1041232	0.50	cps
Sulfur	34-1	815901	818456	826443	820266	0.67	cps
Terbium	159-1	5833558	5913665	5917619	5888281	0.81	cps
Terbium	159-2	2326456	2333843	2362988	2341096	0.83	cps
Thallium	203-1	150	75	142	122	33.64	cps
Thallium	205-1	283	250	250	261	7.37	cps
Tin	118-1	617	608	617	614	0.78	cps
Titanium	47-1	733	642	650	675	7.51	cps
Uranium	238-1	542	625	600	589	7.26	cps
Vanadium	51-2	133	150	140	141	5.94	cps
Yttrium	89-1	6177854	6179354	6273697	6210302	0.88	cps
Yttrium	89-2	412897	413650	417508	414685	0.60	cps
Zinc	66-2	129175	131981	132429	131195	1.34	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-08	Instrumnet Name :	P8
Client Sample ID :	PANDA	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:26:38	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	458	2546	517	1174	101.29	cps
Zirconium	91-1	150	125	75	117	32.74	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:30:06	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	856792	863963	862892	861216	0.45	cps
Antimony	121-1	3712008	3719331	3717206	3716182	0.10	cps
Arsenic	75-1	1226319	1230737	1224644	1227233	0.26	cps
Barium	135-1	3771808	3755334	3759485	3762209	0.23	cps
Barium	137-1	6540282	6503381	6610016	6551226	0.83	cps
Beryllium	9-1	856705	848884	855159	853583	0.49	cps
Bismuth	209-1	3043559	3005157	3000376	3016364	0.78	cps
Bismuth	209-2	1557287	1628111	1539705	1575034	2.97	cps
Boron	10-1	115057	116461	119654	117057	2.01	cps
Boron	11-1	562939	575132	579378	572483	1.49	cps
Cadmium	111-1	853770	857448	851354	854190	0.36	cps
Cadmium	106-1	94472	94270	93046	93929	0.82	cps
Cadmium	108-1	63172	62528	63692	63131	0.92	cps
Calcium	43-1	5952666	5920681	5981184	5951510	0.51	cps
Calcium	44-1	95574315	94521245	95092432	95062664	0.55	cps
Chromium	52-2	848876	850375	851178	850143	0.14	cps
Cobalt	59-2	1618972	1608046	1620025	1615681	0.41	cps
Copper	63-2	2535120	2503714	2544176	2527670	0.84	cps
Dysprosium	156-1	50	117	58	75	48.43	cps
Dysprosium	156-2	10	23	13	16	44.60	cps
Erbium	164-1	58	75	33	56	37.75	cps
Erbium	164-2	7	27	17	17	59.99	cps
Gadolinium	160-1	58	58	83	67	21.65	cps
Gadolinium	160-2	20	27	7	18	57.27	cps
Holmium	165-1	5474092	5395871	5395631	5421865	0.83	cps
Holmium	165-2	2361857	2376124	2283790	2340590	2.12	cps
Indium	115-1	5109774	5086380	5110328	5102161	0.27	cps
Indium	115-2	504831	507502	498364	503566	0.93	cps
Iron	56-2	144851559	144829087	143920859	144533835	0.37	cps
Iron	57-2	3578092	3631189	3609397	3606226	0.74	cps
Krypton	83-1	853	720	783	786	8.49	cps
Lead	206-1	1758788	1764944	1731794	1751842	1.01	cps
Lead	207-1	1526335	1573248	1606381	1568654	2.56	cps
Lead	208-1	7066747	7126434	7155441	7116207	0.64	cps
Lithium	6-1	1157356	1140995	1172634	1156995	1.37	cps
Magnesium	24-2	17113793	17288207	17252025	17218009	0.53	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:30:06	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	563311	564375	564308	563998	0.11	cps
Molybdenum	94-1	7270408	7390838	7325968	7329071	0.82	cps
Molybdenum	95-1	9118625	9229303	9117232	9155053	0.70	cps
Molybdenum	96-1	10268547	10237850	10061649	10189349	1.10	cps
Molybdenum	97-1	5809447	5850643	5692589	5784226	1.42	cps
Molybdenum	98-1	14643395	14497119	14447712	14529408	0.70	cps
Neodymium	150-1	200	227	173	200	13.33	cps
Neodymium	150-2	27	33	10	23	51.50	cps
Nickel	60-2	442418	443941	445993	444117	0.40	cps
Phosphorus	31-2	12247	13032	12589	12623	3.11	cps
Potassium	39-2	5973796	5986759	5959144	5973233	0.23	cps
Rhodium	103-1	5079003	4969318	4998021	5015447	1.13	cps
Rhodium	103-2	2252818	2248439	2208070	2236443	1.10	cps
Scandium	45-1	4381412	4366857	4369605	4372625	0.18	cps
Scandium	45-2	74958	74677	74787	74808	0.19	cps
Selenium	77-2	1043	933	977	984	5.63	cps
Selenium	78-2	2963	3223	3095	3094	4.19	cps
Selenium	82-1	61660	61814	62022	61832	0.29	cps
Silicon	28-1	3061195	3067896	3059268	3062786	0.15	cps
Silver	109-1	3966446	4033659	3945575	3981893	1.16	cps
Silver	107-1	4232391	4191958	4150398	4191582	0.98	cps
Sodium	23-2	39254840	39898417	40165850	39773036	1.18	cps
Strontium	86-1	1247205	1261063	1267024	1258430	0.81	cps
Strontium	88-1	10785098	10817400	10750887	10784462	0.31	cps
Sulfur	34-1	964023	950523	942953	952500	1.12	cps
Terbium	159-1	5736718	5697854	5774285	5736286	0.67	cps
Terbium	159-2	2308986	2308832	2310923	2309580	0.05	cps
Thallium	203-1	2258850	2220807	2239025	2239561	0.85	cps
Thallium	205-1	5228963	5153672	5222862	5201832	0.80	cps
Tin	118-1	2640142	2634538	2618985	2631222	0.42	cps
Titanium	47-1	3041194	3022514	3071857	3045188	0.82	cps
Uranium	238-1	6354943	6362350	6341677	6352990	0.16	cps
Vanadium	51-2	644919	644412	645623	644985	0.09	cps
Yttrium	89-1	6255004	6231810	6245209	6244008	0.19	cps
Yttrium	89-2	423553	424933	419160	422549	0.71	cps
Zinc	66-2	280899	279874	280574	280449	0.19	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:30:06	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6072618	6110818	6022228	6068555	0.73	cps
Zirconium	91-1	1362047	1398910	1366439	1375799	1.46	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P8
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:33:22 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	50	45	50	10.00	cps
Antimony	121-1	1700	1800	1709	1736	3.20	cps
Arsenic	75-1	920	1012	960	964	4.77	cps
Barium	135-1	100	50	50	67	43.31	cps
Barium	137-1	167	183	125	158	18.97	cps
Beryllium	9-1	170	150	143	154	8.98	cps
Bismuth	209-1	3158730	3185053	3180512	3174765	0.44	cps
Bismuth	209-2	1641262	1672278	1624660	1646066	1.47	cps
Boron	10-1	2092	1925	1534	1850	15.49	cps
Boron	11-1	8920	8453	7569	8314	8.25	cps
Cadmium	111-1	1111	1138	1286	1178	7.99	cps
Cadmium	106-1	1525	1617	1817	1653	9.02	cps
Cadmium	108-1	4	21	4	10	98.92	cps
Calcium	43-1	650	697	783	710	9.53	cps
Calcium	44-1	42615	42655	41652	42307	1.34	cps
Chromium	52-2	1800	1763	1700	1755	2.88	cps
Cobalt	59-2	97	103	83	94	10.78	cps
Copper	63-2	1047	1000	897	981	7.82	cps
Dysprosium	156-1	8	0	33	14	124.92	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	33	8	22	57.30	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	5419807	5368233	5414874	5400971	0.53	cps
Holmium	165-2	2249316	2285024	2275371	2269904	0.81	cps
Indium	115-1	5168443	5330182	5262977	5253868	1.55	cps
Indium	115-2	506730	500803	502094	503209	0.62	cps
Iron	56-2	5029	4840	4623	4831	4.20	cps
Iron	57-2	206	94	172	157	36.22	cps
Krypton	83-1	817	700	720	746	8.37	cps
Lead	206-1	1122	1128	1022	1091	5.45	cps
Lead	207-1	1106	1061	1056	1074	2.55	cps
Lead	208-1	4812	4456	4350	4539	5.32	cps
Lithium	6-1	1175755	1182596	1192941	1183764	0.73	cps
Magnesium	24-2	467	450	500	472	5.39	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:33:22	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	100	110	97	15.80	cps
Molybdenum	94-1	692	567	542	600	13.39	cps
Molybdenum	95-1	1042	842	558	814	29.84	cps
Molybdenum	96-1	1067	967	800	945	14.27	cps
Molybdenum	97-1	783	475	450	569	32.60	cps
Molybdenum	98-1	1333	1267	1033	1211	13.01	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	110	123	114	6.73	cps
Phosphorus	31-2	25	25	0	17	86.60	cps
Potassium	39-2	9370	9137	9370	9292	1.45	cps
Rhodium	103-1	5188321	5225982	5301701	5238668	1.10	cps
Rhodium	103-2	2337123	2328676	2313298	2326366	0.52	cps
Scandium	45-1	4278060	4232541	4257468	4256023	0.54	cps
Scandium	45-2	71494	70084	70174	70584	1.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	6	11	9	32.69	cps
Selenium	82-1	-88	64	-50	-25	-322.56	cps
Silicon	28-1	436477	437412	433477	435789	0.47	cps
Silver	109-1	767	783	583	711	15.61	cps
Silver	107-1	700	567	600	622	11.15	cps
Sodium	23-2	33758	31795	32906	32819	3.00	cps
Strontium	86-1	1050	1242	1167	1153	8.38	cps
Strontium	88-1	283	258	275	272	4.68	cps
Sulfur	34-1	622058	623739	625163	623653	0.25	cps
Terbium	159-1	5648436	5732455	5664366	5681752	0.79	cps
Terbium	159-2	2252723	2231870	2247551	2244048	0.48	cps
Thallium	203-1	142	108	208	153	33.33	cps
Thallium	205-1	508	458	242	403	35.19	cps
Tin	118-1	408	392	458	419	8.27	cps
Titanium	47-1	225	267	200	231	14.61	cps
Uranium	238-1	175	125	108	136	25.49	cps
Vanadium	51-2	23	23	30	26	15.07	cps
Yttrium	89-1	6089192	6120964	6019884	6076680	0.85	cps
Yttrium	89-2	410588	406052	403866	406835	0.84	cps
Zinc	66-2	137	157	107	133	18.87	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:33:22	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	733	517	600	617	17.72	cps
Zirconium	91-1	167	142	133	147	11.78	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : PB116760BL Instrumnet Name : P8
 Client Sample ID : PB116760BL Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:36:51 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	45	65	56	18.10	cps
Antimony	121-1	667	567	733	656	12.80	cps
Arsenic	75-1	802	828	781	804	2.91	cps
Barium	135-1	25	42	33	33	25.01	cps
Barium	137-1	8	25	42	25	66.68	cps
Beryllium	9-1	100	90	93	94	5.39	cps
Bismuth	209-1	3171278	3176508	3189440	3179075	0.29	cps
Bismuth	209-2	1695530	1695747	1704616	1698631	0.31	cps
Boron	10-1	783	867	983	878	11.45	cps
Boron	11-1	5084	4951	4768	4934	3.22	cps
Cadmium	111-1	1138	1117	1164	1140	2.07	cps
Cadmium	106-1	1625	1600	1667	1631	2.07	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	703	563	687	651	11.75	cps
Calcium	44-1	39960	39419	40291	39890	1.10	cps
Chromium	52-2	1880	1803	1723	1802	4.35	cps
Cobalt	59-2	70	87	90	82	13.03	cps
Copper	63-2	720	787	697	734	6.36	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	42	17	0	19	107.85	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	0	10	10	7	86.60	cps
Holmium	165-1	5404955	5482873	5562982	5483603	1.44	cps
Holmium	165-2	2314537	2326898	2293355	2311597	0.73	cps
Indium	115-1	5239790	5363527	5314366	5305895	1.17	cps
Indium	115-2	516565	517548	511951	515355	0.58	cps
Iron	56-2	4140	3595	4179	3971	8.22	cps
Iron	57-2	72	139	89	100	34.70	cps
Krypton	83-1	743	837	660	747	11.84	cps
Lead	206-1	689	650	694	678	3.57	cps
Lead	207-1	622	611	578	604	3.83	cps
Lead	208-1	2806	2534	2650	2663	5.13	cps
Lithium	6-1	1143516	1174409	1190406	1169444	2.04	cps
Magnesium	24-2	258	450	367	358	26.82	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : PB116760BL Instrumnet Name : P8
 Client Sample ID : PB116760BL Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:36:51 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	110	60	83	30.20	cps
Molybdenum	94-1	292	267	283	281	4.54	cps
Molybdenum	95-1	175	133	100	136	27.61	cps
Molybdenum	96-1	275	300	133	236	38.07	cps
Molybdenum	97-1	258	283	150	231	30.74	cps
Molybdenum	98-1	233	317	242	264	17.39	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	90	97	89	9.44	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	8728	9037	8686	8817	2.17	cps
Rhodium	103-1	5294421	5389923	5305733	5330025	0.98	cps
Rhodium	103-2	2330665	2347731	2339213	2339203	0.36	cps
Scandium	45-1	4221500	4296830	4378873	4299068	1.83	cps
Scandium	45-2	71072	71008	72268	71449	0.99	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	2	2	11	5	108.30	cps
Selenium	82-1	-31	-164	23	-57	-167.37	cps
Silicon	28-1	431798	433645	432546	432663	0.21	cps
Silver	109-1	292	350	342	328	9.63	cps
Silver	107-1	425	375	350	383	9.96	cps
Sodium	23-2	29298	29047	29005	29117	0.54	cps
Strontium	86-1	1125	1117	967	1070	8.33	cps
Strontium	88-1	100	100	75	92	15.75	cps
Sulfur	34-1	624712	626056	624981	625249	0.11	cps
Terbium	159-1	5712745	5767323	5786354	5755474	0.66	cps
Terbium	159-2	2276711	2313356	2254424	2281497	1.30	cps
Thallium	203-1	67	117	67	83	34.64	cps
Thallium	205-1	233	208	250	231	9.10	cps
Tin	118-1	292	342	292	308	9.36	cps
Titanium	47-1	167	117	133	139	18.33	cps
Uranium	238-1	17	25	33	25	33.32	cps
Vanadium	51-2	30	20	10	20	50.00	cps
Yttrium	89-1	6135608	6163445	6198585	6165880	0.51	cps
Yttrium	89-2	416762	414794	414075	415210	0.34	cps
Zinc	66-2	107	100	83	97	12.43	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	PB116760BL	Instrumnet Name :	P8
Client Sample ID :	PB116760BL	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:36:51	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	483	408	417	436	9.43	cps
Zirconium	91-1	133	75	67	92	39.63	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-09	Instrumnet Name :	P8
Client Sample ID :	MONKEY	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:40:19	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	373	330	338	347	6.54	cps
Antimony	121-1	1417	1308	1550	1425	8.50	cps
Arsenic	75-1	1257	1354	1370	1327	4.60	cps
Barium	135-1	42561	42244	43196	42667	1.14	cps
Barium	137-1	72943	72951	74133	73342	0.93	cps
Beryllium	9-1	77	93	90	87	10.18	cps
Bismuth	209-1	3061151	3014719	3052464	3042778	0.81	cps
Bismuth	209-2	1547621	1553052	1588470	1563048	1.42	cps
Boron	10-1	3167	2967	3034	3056	3.33	cps
Boron	11-1	15559	14391	15309	15086	4.08	cps
Cadmium	111-1	946	1120	1081	1049	8.73	cps
Cadmium	106-1	1342	1517	1517	1458	6.93	cps
Cadmium	108-1	21	13	38	24	53.92	cps
Calcium	43-1	399654	402429	401259	401114	0.35	cps
Calcium	44-1	6642851	6598057	6509731	6583546	1.03	cps
Chromium	52-2	2230	2210	2084	2175	3.66	cps
Cobalt	59-2	227	223	193	214	8.56	cps
Copper	63-2	688574	690380	685109	688021	0.39	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	20	3	10	11	75.52	cps
Erbium	164-1	33	75	50	53	39.74	cps
Erbium	164-2	17	13	23	18	28.64	cps
Gadolinium	160-1	75	83	58	72	17.62	cps
Gadolinium	160-2	13	10	37	20	72.66	cps
Holmium	165-1	5231222	5275026	5269457	5258568	0.45	cps
Holmium	165-2	2198944	2215252	2226926	2213708	0.63	cps
Indium	115-1	5101598	5082357	5098728	5094228	0.20	cps
Indium	115-2	496046	498959	500174	498393	0.43	cps
Iron	56-2	25958	27340	25908	26402	3.08	cps
Iron	57-2	544	772	561	626	20.29	cps
Krypton	83-1	710	590	720	673	10.74	cps
Lead	206-1	13319	13964	13708	13663	2.38	cps
Lead	207-1	11455	11405	10888	11250	2.79	cps
Lead	208-1	52605	53635	52867	53036	1.01	cps
Lithium	6-1	1130624	1175015	1157286	1154309	1.94	cps
Magnesium	24-2	375369	377522	381057	377983	0.76	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-09	Instrumnet Name :	P8
Client Sample ID :	MONKEY	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:40:19	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5625	5815	5678	5706	1.72	cps
Molybdenum	94-1	775	975	642	797	21.05	cps
Molybdenum	95-1	850	708	683	747	12.03	cps
Molybdenum	96-1	867	808	808	828	4.07	cps
Molybdenum	97-1	483	483	500	489	1.97	cps
Molybdenum	98-1	1208	1225	1142	1192	3.70	cps
Neodymium	150-1	73	27	27	42	63.81	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	2704	2640	2760	2701	2.22	cps
Phosphorus	31-2	733	842	775	783	6.98	cps
Potassium	39-2	84042	84345	82055	83481	1.49	cps
Rhodium	103-1	5018509	5013782	5062864	5031719	0.54	cps
Rhodium	103-2	2235401	2241549	2271033	2249328	0.85	cps
Scandium	45-1	4200127	4268373	4229962	4232821	0.81	cps
Scandium	45-2	69712	68717	70117	69515	1.04	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-51	68	-127	-37	-268.24	cps
Silicon	28-1	11883008	11894788	12059758	11945851	0.83	cps
Silver	109-1	417	433	333	394	13.58	cps
Silver	107-1	442	500	392	444	12.20	cps
Sodium	23-2	4678684	4702924	4752363	4711324	0.80	cps
Strontium	86-1	123463	122226	123261	122983	0.54	cps
Strontium	88-1	1050638	1052018	1057098	1053251	0.32	cps
Sulfur	34-1	816638	819468	814105	816737	0.33	cps
Terbium	159-1	5497346	5597060	5581572	5558659	0.97	cps
Terbium	159-2	2218987	2200294	2247294	2222192	1.06	cps
Thallium	203-1	117	100	133	117	14.29	cps
Thallium	205-1	250	183	250	228	16.90	cps
Tin	118-1	1150	925	1117	1064	11.41	cps
Titanium	47-1	725	708	700	711	1.79	cps
Uranium	238-1	442	400	408	417	5.29	cps
Vanadium	51-2	143	130	130	134	5.73	cps
Yttrium	89-1	5953415	5995633	6006192	5985080	0.47	cps
Yttrium	89-2	399591	401991	401929	401170	0.34	cps
Zinc	66-2	100917	99742	99742	100134	0.68	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-09	Instrumnet Name :	P8
Client Sample ID :	MONKEY	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:40:19	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	650	725	675	683	5.59	cps
Zirconium	91-1	217	75	142	144	49.07	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-10	Instrumnet Name :	P8
Client Sample ID :	FB-1-30-19	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:43:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	53	53	55	7.88	cps
Antimony	121-1	208	200	333	247	30.21	cps
Arsenic	75-1	814	846	742	801	6.65	cps
Barium	135-1	25	75	58	53	48.24	cps
Barium	137-1	108	150	100	119	22.43	cps
Beryllium	9-1	73	117	93	94	22.96	cps
Bismuth	209-1	3443424	3420668	3369576	3411223	1.11	cps
Bismuth	209-2	1742607	1779941	1758387	1760312	1.06	cps
Boron	10-1	775	592	792	719	15.42	cps
Boron	11-1	3084	2959	2817	2953	4.52	cps
Cadmium	111-1	1002	1226	1317	1182	13.74	cps
Cadmium	106-1	1425	1759	1859	1681	13.50	cps
Cadmium	108-1	0	25	13	13	100.00	cps
Calcium	43-1	960	1003	970	978	2.32	cps
Calcium	44-1	45614	44253	46363	45410	2.36	cps
Chromium	52-2	1813	1823	1710	1782	3.52	cps
Cobalt	59-2	83	53	100	79	29.98	cps
Copper	63-2	1273	1070	1097	1147	9.64	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	58	42	40.00	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	83	50	83	72	26.65	cps
Gadolinium	160-2	7	23	7	12	78.69	cps
Holmium	165-1	5928240	5817678	5743045	5829655	1.60	cps
Holmium	165-2	2374468	2407781	2404220	2395490	0.76	cps
Indium	115-1	5664484	5617687	5706934	5663035	0.79	cps
Indium	115-2	539129	539933	540034	539699	0.09	cps
Iron	56-2	5023	5029	5173	5075	1.68	cps
Iron	57-2	139	161	106	135	20.69	cps
Krypton	83-1	750	680	667	699	6.41	cps
Lead	206-1	561	467	478	502	10.29	cps
Lead	207-1	456	433	411	433	5.13	cps
Lead	208-1	2178	1945	2067	2063	5.66	cps
Lithium	6-1	1257022	1244731	1254017	1251923	0.51	cps
Magnesium	24-2	492	508	400	467	12.50	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-10	Instrumnet Name :	P8
Client Sample ID :	FB-1-30-19	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:43:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	103	97	97	6.90	cps
Molybdenum	94-1	183	292	258	244	22.70	cps
Molybdenum	95-1	92	67	67	75	19.24	cps
Molybdenum	96-1	125	125	200	150	28.87	cps
Molybdenum	97-1	158	158	183	167	8.66	cps
Molybdenum	98-1	142	108	108	119	16.11	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	150	133	170	151	12.15	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	8528	8845	9504	8959	5.56	cps
Rhodium	103-1	5707666	5710775	5680235	5699559	0.29	cps
Rhodium	103-2	2510695	2494412	2450768	2485292	1.25	cps
Scandium	45-1	4725470	4580661	4617379	4641170	1.62	cps
Scandium	45-2	75404	75052	74911	75123	0.34	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	6	6	7	6	17.29	cps
Selenium	82-1	-98	24	-42	-39	-157.14	cps
Silicon	28-1	388349	386838	382885	386024	0.73	cps
Silver	109-1	217	283	158	219	28.50	cps
Silver	107-1	192	342	208	247	33.26	cps
Sodium	23-2	30275	30308	30099	30227	0.37	cps
Strontium	86-1	1125	1042	1075	1081	3.88	cps
Strontium	88-1	417	342	442	400	13.01	cps
Sulfur	34-1	609242	615377	618228	614282	0.75	cps
Terbium	159-1	6221641	6112093	6083990	6139241	1.18	cps
Terbium	159-2	2404127	2422625	2360356	2395703	1.33	cps
Thallium	203-1	50	50	75	58	24.74	cps
Thallium	205-1	125	183	83	131	38.47	cps
Tin	118-1	292	258	317	289	10.13	cps
Titanium	47-1	125	125	225	158	36.46	cps
Uranium	238-1	58	58	50	56	8.67	cps
Vanadium	51-2	30	20	37	29	29.04	cps
Yttrium	89-1	6708071	6602886	6577786	6629581	1.04	cps
Yttrium	89-2	434523	438132	435375	436010	0.43	cps
Zinc	66-2	173	240	217	210	16.11	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	K1285-10	Instrumnet Name :	P8
Client Sample ID :	FB-1-30-19	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:43:50	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	442	392	375	403	8.61	cps
Zirconium	91-1	117	33	67	72	58.07	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:47:18	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	862018	852773	862329	859040	0.63	cps
Antimony	121-1	3676393	3637168	3665985	3659849	0.56	cps
Arsenic	75-1	1209482	1195804	1210853	1205380	0.69	cps
Barium	135-1	3655857	3678508	3588817	3641061	1.28	cps
Barium	137-1	6396251	6391444	6326932	6371542	0.61	cps
Beryllium	9-1	837278	830326	828049	831884	0.58	cps
Bismuth	209-1	2772671	2838511	2792867	2801350	1.20	cps
Bismuth	209-2	1448300	1446603	1454674	1449859	0.29	cps
Boron	10-1	112068	113387	114900	113452	1.25	cps
Boron	11-1	541280	549775	567719	552925	2.44	cps
Cadmium	111-1	837702	830785	841112	836533	0.63	cps
Cadmium	106-1	93080	92265	91033	92126	1.12	cps
Cadmium	108-1	61059	61921	61322	61434	0.72	cps
Calcium	43-1	5835193	5862217	5831989	5843133	0.28	cps
Calcium	44-1	95020885	95195162	94628062	94948036	0.31	cps
Chromium	52-2	846741	850887	850575	849401	0.27	cps
Cobalt	59-2	1612242	1614193	1601389	1609275	0.43	cps
Copper	63-2	2497123	2498824	2468435	2488127	0.69	cps
Dysprosium	156-1	92	42	58	64	39.85	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	83	117	100	100	16.66	cps
Gadolinium	160-2	20	13	33	22	45.83	cps
Holmium	165-1	5102982	5099124	5047394	5083166	0.61	cps
Holmium	165-2	2188666	2159701	2168828	2172398	0.68	cps
Indium	115-1	4710227	4745273	4853982	4769827	1.57	cps
Indium	115-2	470410	471891	468412	470237	0.37	cps
Iron	56-2	143811542	143852398	144862842	144175594	0.41	cps
Iron	57-2	3615341	3592520	3591352	3599738	0.38	cps
Krypton	83-1	680	713	713	702	2.74	cps
Lead	206-1	1687565	1662711	1677820	1676032	0.75	cps
Lead	207-1	1480804	1479589	1471308	1477234	0.35	cps
Lead	208-1	6817416	6791425	6771056	6793299	0.34	cps
Lithium	6-1	1084968	1089432	1088425	1087608	0.22	cps
Magnesium	24-2	17106161	16777908	16955505	16946525	0.97	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:47:18	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	564201	564886	567265	565451	0.28	cps
Molybdenum	94-1	7255047	7249822	7218229	7241033	0.28	cps
Molybdenum	95-1	9292042	9130165	9210716	9210975	0.88	cps
Molybdenum	96-1	10305673	10226397	10214485	10248852	0.48	cps
Molybdenum	97-1	5814786	5729264	5716341	5753464	0.93	cps
Molybdenum	98-1	14571248	14665339	14520000	14585529	0.51	cps
Neodymium	150-1	180	220	227	209	12.08	cps
Neodymium	150-2	13	20	23	19	26.96	cps
Nickel	60-2	441992	441248	440455	441232	0.17	cps
Phosphorus	31-2	12548	13023	13549	13040	3.84	cps
Potassium	39-2	5939526	5893797	5977233	5936852	0.70	cps
Rhodium	103-1	4713131	4706398	4746899	4722143	0.46	cps
Rhodium	103-2	2118231	2119497	2099786	2112505	0.52	cps
Scandium	45-1	4194292	4173209	4133493	4166998	0.74	cps
Scandium	45-2	71162	70087	71806	71018	1.22	cps
Selenium	77-2	1010	927	877	938	7.18	cps
Selenium	78-2	3208	3178	3124	3170	1.33	cps
Selenium	82-1	61168	60470	61175	60938	0.67	cps
Silicon	28-1	2880982	2859349	2934264	2891532	1.33	cps
Silver	109-1	3865518	3887705	3823134	3858786	0.85	cps
Silver	107-1	4086872	4042185	4125730	4084929	1.02	cps
Sodium	23-2	39624226	39436387	39450409	39503674	0.26	cps
Strontium	86-1	1290150	1282601	1288786	1287179	0.31	cps
Strontium	88-1	11151644	11055163	11026782	11077863	0.59	cps
Sulfur	34-1	949287	952365	944583	948745	0.41	cps
Terbium	159-1	5283503	5420700	5411329	5371844	1.43	cps
Terbium	159-2	2140462	2120655	2145747	2135622	0.62	cps
Thallium	203-1	2167995	2146470	2192742	2169069	1.07	cps
Thallium	205-1	5028050	5009465	5036675	5024730	0.28	cps
Tin	118-1	2581169	2510418	2545179	2545589	1.39	cps
Titanium	47-1	3062079	3015190	3042924	3040064	0.78	cps
Uranium	238-1	6091677	6100022	6084544	6092081	0.13	cps
Vanadium	51-2	646770	643674	641584	644009	0.41	cps
Yttrium	89-1	5769675	5883361	5838993	5830676	0.98	cps
Yttrium	89-2	398574	397656	398415	398215	0.12	cps
Zinc	66-2	277777	278323	279196	278432	0.26	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:47:18	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5865809	5845038	5830848	5847232	0.30	cps
Zirconium	91-1	1275648	1278400	1280096	1278048	0.18	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P8
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:50:36 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	48	43	48	13.01	cps
Antimony	121-1	1642	1650	1800	1697	5.25	cps
Arsenic	75-1	848	959	903	903	6.13	cps
Barium	135-1	33	17	8	19	65.47	cps
Barium	137-1	108	42	25	58	75.59	cps
Beryllium	9-1	157	103	107	122	24.44	cps
Bismuth	209-1	3121411	3102583	3147395	3123797	0.72	cps
Bismuth	209-2	1650188	1676189	1654729	1660369	0.84	cps
Boron	10-1	1859	1508	1583	1650	11.17	cps
Boron	11-1	8803	8511	7044	8119	11.61	cps
Cadmium	111-1	1274	1136	1139	1183	6.67	cps
Cadmium	106-1	1825	1600	1625	1684	7.33	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	627	643	650	640	1.88	cps
Calcium	44-1	40459	40438	40635	40511	0.27	cps
Chromium	52-2	1647	1880	1787	1771	6.63	cps
Cobalt	59-2	107	97	93	99	7.02	cps
Copper	63-2	1057	1000	927	995	6.55	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	17	3	7	9	78.08	cps
Holmium	165-1	5367149	5397029	5412517	5392231	0.43	cps
Holmium	165-2	2274257	2322795	2285181	2294077	1.11	cps
Indium	115-1	5272179	5234078	5258982	5255079	0.37	cps
Indium	115-2	519756	524010	519944	521237	0.46	cps
Iron	56-2	4362	4473	4245	4360	2.61	cps
Iron	57-2	122	122	161	135	16.61	cps
Krypton	83-1	707	713	653	691	4.76	cps
Lead	206-1	1033	989	945	989	4.49	cps
Lead	207-1	1050	883	939	957	8.86	cps
Lead	208-1	4462	4045	3906	4137	6.99	cps
Lithium	6-1	1154395	1188202	1172307	1171634	1.44	cps
Magnesium	24-2	408	392	408	403	2.39	cps

LB Number : LB100641 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P8
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-02-01 17:50:36 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	70	67	77	18.95	cps
Molybdenum	94-1	825	633	567	675	19.87	cps
Molybdenum	95-1	900	683	633	739	19.18	cps
Molybdenum	96-1	925	658	717	767	18.29	cps
Molybdenum	97-1	567	533	525	542	4.07	cps
Molybdenum	98-1	1342	1150	958	1150	16.67	cps
Neodymium	150-1	33	7	7	16	98.96	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	100	70	87	17.63	cps
Phosphorus	31-2	50	8	8	22	108.27	cps
Potassium	39-2	10079	10171	9220	9823	5.34	cps
Rhodium	103-1	5297956	5252092	5333670	5294573	0.77	cps
Rhodium	103-2	2406470	2346304	2359292	2370689	1.34	cps
Scandium	45-1	4432693	4311909	4305969	4350190	1.64	cps
Scandium	45-2	73337	72398	72774	72837	0.65	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	6	11	8	35.21	cps
Selenium	82-1	-25	-13	70	11	493.78	cps
Silicon	28-1	428581	425190	429723	427831	0.55	cps
Silver	109-1	708	658	433	600	24.42	cps
Silver	107-1	617	517	600	578	9.27	cps
Sodium	23-2	33173	32496	31110	32260	3.26	cps
Strontium	86-1	950	975	1008	978	2.99	cps
Strontium	88-1	50	92	108	83	36.06	cps
Sulfur	34-1	622951	622840	618633	621475	0.40	cps
Terbium	159-1	5659207	5754585	5690522	5701438	0.85	cps
Terbium	159-2	2331926	2293842	2297347	2307705	0.91	cps
Thallium	203-1	192	175	167	178	7.16	cps
Thallium	205-1	383	383	383	383	0.00	cps
Tin	118-1	433	367	450	417	10.58	cps
Titanium	47-1	258	183	142	194	30.41	cps
Uranium	238-1	92	92	42	75	38.49	cps
Vanadium	51-2	20	20	23	21	9.11	cps
Yttrium	89-1	6257731	6181506	6108479	6182572	1.21	cps
Yttrium	89-2	418286	422482	418542	419770	0.56	cps
Zinc	66-2	120	170	97	129	29.07	cps

LB Number :	LB100641	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-02-01 17:50:36	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	567	475	425	489	14.70	cps
Zirconium	91-1	117	125	83	108	20.35	cps