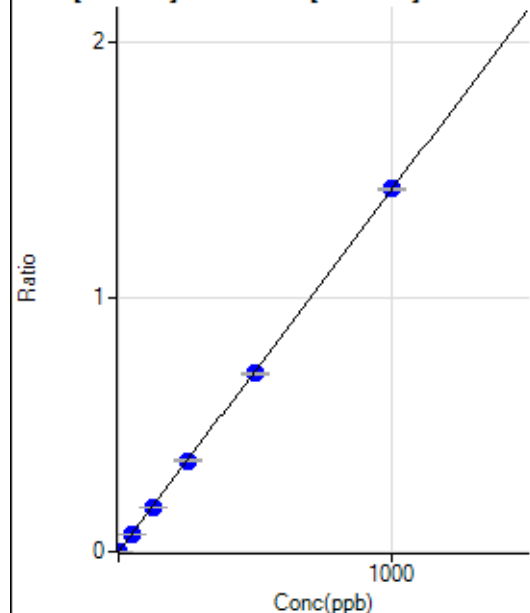


Batch Folder: D:\P8060219 MS.b\
Analysis File: P8060219 MS.batch.bin
DA Date-Time: 2019-06-03 00:14:44
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-02 13:37:29
2			
3	005CALS.d	S02	2019-06-02 13:45:19
4	006CALS.d	S03	2019-06-02 13:49:21
5	007CALS.d	S04	2019-06-02 13:53:22
6	008CALS.d	S05	2019-06-02 13:57:22
7	009CALS.d	S06	2019-06-02 14:01:18
8	010CALS.d	S07	2019-06-02 14:05:08
9	011CALS.d	S08	2019-06-02 14:08:54
10			

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.96	0.0000	P	108.0
2	☐	0.100					
3	☐	1.000	0.922	527.80	0.0013	P	10.0
4	☐	50.000	49.679	27389.21	0.0705	P	1.0
5	☐	125.000	124.602	67931.73	0.1769	P	0.2
6	☐	250.000	251.690	135293.78	0.3572	P	1.0
7	☐	500.000	492.680	275322.77	0.6993	P	0.4
8	☐	1000.000	1003.303	559006.35	1.4240	P	0.7
9	☐			120.37	0.0003	P	14.6
10	☐						

$$y = 0.0014 * x + 2.9969E-005$$

$$R = 1.0000$$

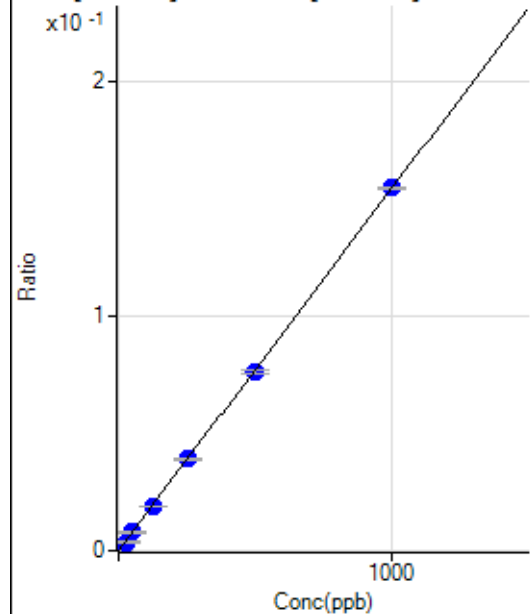
$$DL = 0.06839$$

$$BEC = 0.02112$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0001	P	45.1
2	☐	2.500					
3	☐	25.000	22.998	1433.44	0.0036	P	12.7
4	☐	50.000	49.991	3028.17	0.0078	P	0.3
5	☐	125.000	121.863	7252.01	0.0189	P	3.1
6	☐	250.000	252.269	14766.25	0.0390	P	0.9
7	☐	500.000	494.136	30037.47	0.0763	P	1.5
8	☐	1000.000	1002.807	60742.58	0.1547	P	0.7
9	☐			1602.91	0.0039	P	6.9
10	☐						

$$y = 1.5420E-004 * x + 8.9599E-005$$

$$R = 1.0000$$

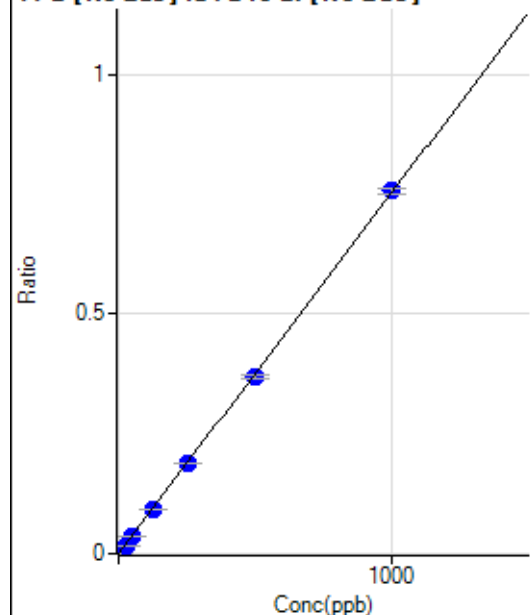
$$DL = 0.7853$$

$$BEC = 0.5811$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0005	P	17.1
2	☐	2.500					
3	☐	25.000	21.917	6682.28	0.0169	P	3.2
4	☐	50.000	46.865	13870.97	0.0357	P	3.3
5	☐	125.000	120.818	35098.94	0.0914	P	1.3
6	☐	250.000	250.820	71667.60	0.1892	P	0.7
7	☐	500.000	490.505	145537.04	0.3696	P	1.5
8	☐	1000.000	1005.299	297233.81	0.7571	P	1.5
9	☐			7980.20	0.0195	P	4.4
10	☐						

$$y = 7.5263\text{E-}004 * x + 4.5368\text{E-}004$$

R = 0.9999

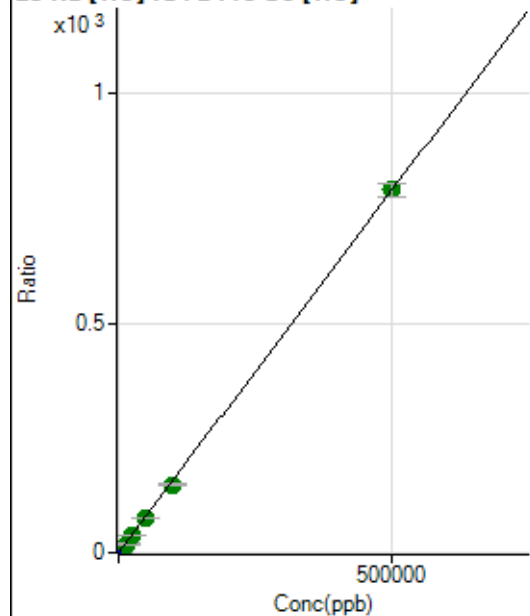
DL = 0.3087

BEC = 0.6028

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14471.62	0.1544	P	2.6
2	☐	50.000					
3	☐	500.000	450.061	85368.80	0.8638	P	0.6
4	☐	5000.000	4802.197	775503.88	7.7231	P	0.4
5	☐	12500.000	11866.434	1908492.28	18.8570	A	4.0
6	☐	25000.000	23796.717	3768178.34	37.6601	A	1.2
7	☐	50000.000	47113.715	7475883.76	74.4097	A	2.0
8	☐	100000.00	94149.202	14949088.53	148.5418	A	0.6
9	☐	500000.00	501536.81	74936278.06	790.6202	A	3.5
10	☐						

$$y = 0.0016 * x + 0.1544$$

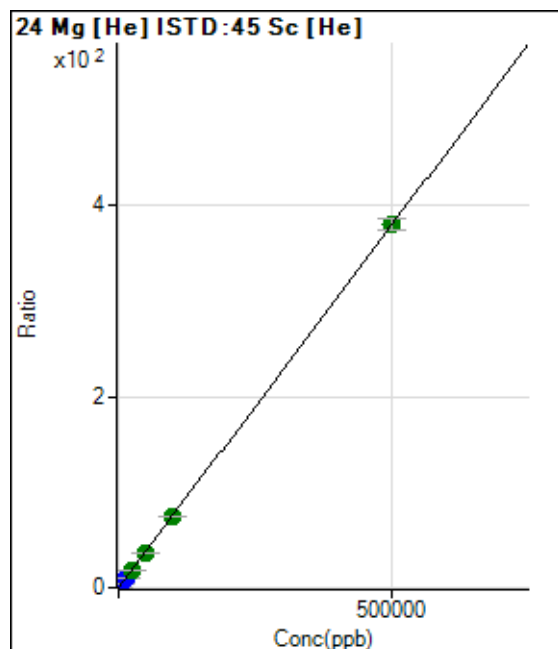
R = 0.9999

DL = 7.496

BEC = 97.98

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0006	P	43.0
2	☐	50.000					
3	☐	500.000	484.760	36366.55	0.3680	P	1.7
4	☐	5000.000	4984.448	379370.35	3.7780	P	0.3
5	☐	12500.000	12411.294	952113.42	9.4065	P	0.9
6	☐	25000.000	24997.721	1895618.62	18.9451	A	0.8
7	☐	50000.000	48873.636	3721610.89	37.0394	A	0.9
8	☐	100000.00	97122.497	7407509.80	73.6047	A	0.4
9	☐	500000.00	500690.63	35967600.46	379.4480	A	3.0
10	☐						

$$y = 7.5785E-004 * x + 5.8682E-004$$

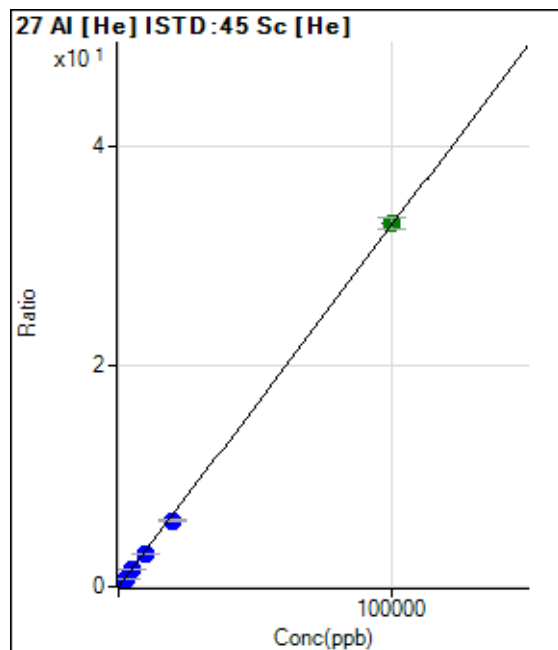
R = 1.0000

DL = 0.9985

BEC = 0.7743

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.67	0.0009	P	19.8
2	☐	2.000					
3	☐	20.000	18.935	705.58	0.0071	P	7.7
4	☐	1000.000	929.145	30687.53	0.3056	P	1.9
5	☐	2500.000	2278.013	75704.18	0.7479	P	0.9
6	☐	5000.000	4602.947	151124.72	1.5103	P	0.8
7	☐	10000.000	9194.286	303021.24	3.0159	P	1.5
8	☐	20000.000	18361.907	606056.39	6.0221	P	0.8
9	☐	100000.00	100434.30	3121806.24	32.9348	A	3.2
10	☐						

$$y = 3.2792E-004 * x + 9.2939E-004$$

R = 0.9998

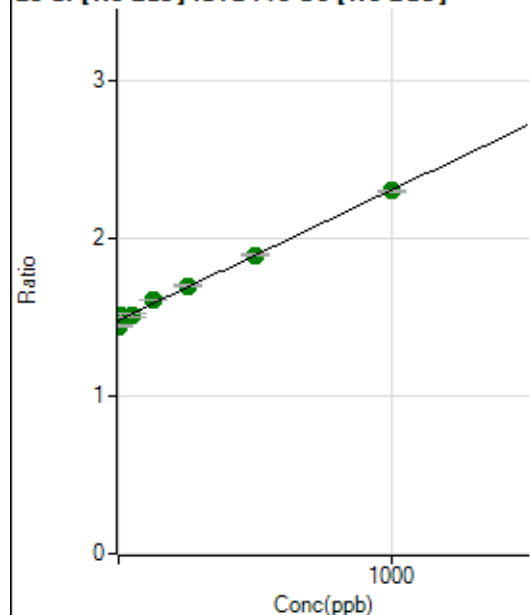
DL = 1.686

BEC = 2.834

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-49.139	2122362.01	1.4382	A	0.7
2	☐	1.000					
3	☐	10.000	32.603	2089567.10	1.5056	A	1.6
4	☐	50.000	40.980	2128127.59	1.5125	A	1.3
5	☐	125.000	150.817	2267987.70	1.6030	A	0.2
6	☐	250.000	265.489	2415062.66	1.6976	A	1.1
7	☐	500.000	502.248	2706804.27	1.8927	A	0.9
8	☐	1000.000	992.002	3287664.40	2.2965	A	0.5
9	☐			1991850.93	1.3883	A	0.8
10	☐						

$$y = 8.243458E-004 * x + 1.478709$$

R = 0.9975

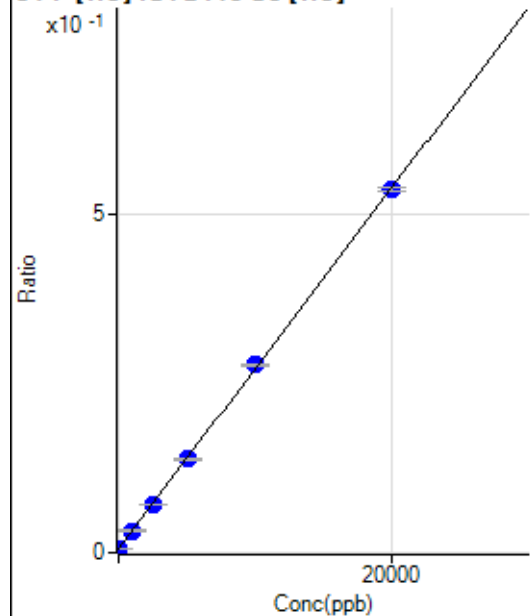
DL = 39.18

BEC = 1794

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-19.945	469.47	0.0050	P	22.0
2	☐	0.000					
3	☐	0.000	19.945	602.81	0.0061	P	16.9
4	☐	1000.000	1000.029	3236.56	0.0322	P	4.1
5	☐	2500.000	2461.012	7204.82	0.0712	P	2.2
6	☐	5000.000	4965.879	13804.28	0.1380	P	0.7
7	☐	10000.000	10209.114	27908.48	0.2778	P	0.5
8	☐	20000.000	19908.845	53978.30	0.5364	P	1.1
9	☐			505.58	0.0053	P	25.4
10	☐						

$$y = 2.6661E-005 * x + 0.0056$$

R = 0.9999

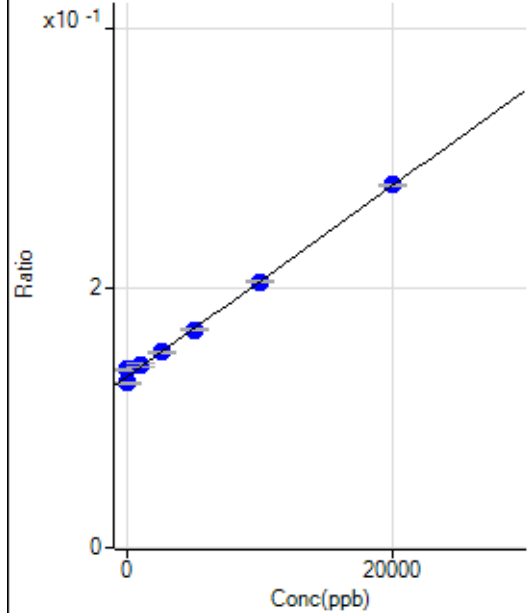
DL = 120

BEC = 208.8

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-734.531	187209.70	0.1269	P	0.5
2	☐	0.000					
3	☐	0.000	700.702	190722.84	0.1374	P	1.0
4	☐	1000.000	1181.534	198313.99	0.1410	P	1.9
5	☐	2500.000	2493.143	213061.80	0.1506	P	1.6
6	☐	5000.000	4875.185	239184.52	0.1681	P	1.1
7	☐	10000.000	9921.964	293526.75	0.2052	P	0.4
8	☐	20000.000	20062.002	400622.82	0.2798	P	0.7
9	☐			201755.88	0.1406	P	1.4
10	☐						

$$y = 7.356004E-006 * x + 0.132264$$

R = 0.9983

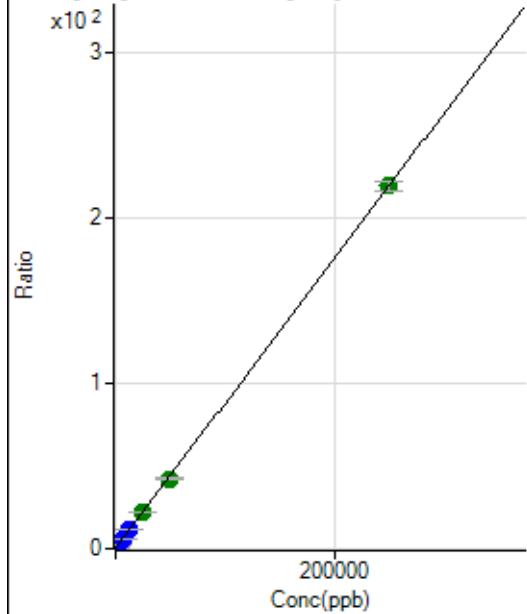
DL = 409.6

BEC = 1.798E+04

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26211.03	0.2799	P	5.9
2	☐	50.000					
3	☐	500.000	468.257	68228.96	0.6903	P	0.9
4	☐	2500.000	2486.529	246955.41	2.4594	P	0.4
5	☐	6250.000	6193.561	577827.23	5.7087	P	0.7
6	☐	12500.000	12514.409	1125594.25	11.2490	P	0.7
7	☐	25000.000	24585.410	2193254.52	21.8294	A	2.1
8	☐	50000.000	48015.122	4263719.19	42.3658	A	1.0
9	☐	250000.00	250439.32	20836678.76	219.7935	A	2.5
10	☐						

$$y = 8.7651E-004 * x + 0.2799$$

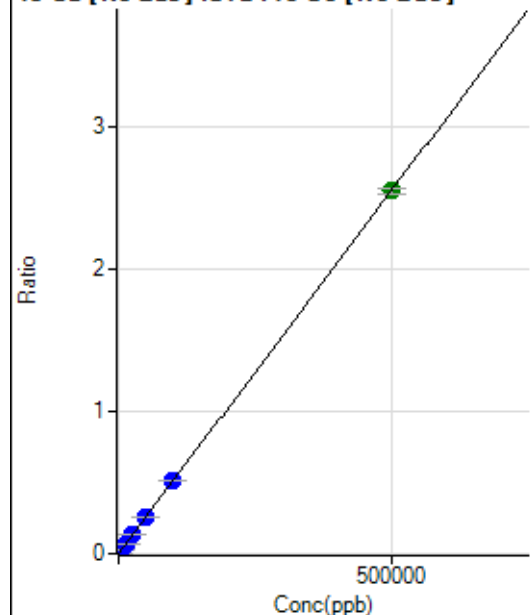
R = 1.0000

DL = 56.1

BEC = 319.3

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	722.26	0.0005	P	10.6
2	☐	50.000					
3	☐	500.000	496.612	4200.75	0.0030	P	8.3
4	☐	5000.000	4990.215	36573.44	0.0260	P	1.2
5	☐	12500.000	12419.904	90474.07	0.0640	P	1.8
6	☐	25000.000	25347.181	184962.33	0.1300	P	1.1
7	☐	50000.000	50657.961	370874.20	0.2593	P	0.4
8	☐	100000.00	100922.25	738976.55	0.5162	P	0.3
9	☐	500000.00	499734.49	3664196.35	2.5540	A	1.8
10	☐						

$$y = 5.1097\text{E-}006 * x + 4.8908\text{E-}004$$

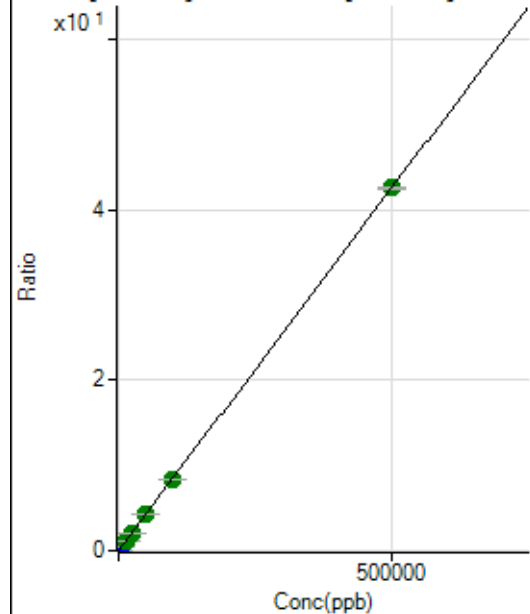
R = 1.0000

DL = 30.48

BEC = 95.72

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	12831.19	0.0087	P	3.6
2	☐	50.000					
3	☐	500.000	500.582	71118.98	0.0512	P	2.5
4	☐	5000.000	5052.625	616490.75	0.4381	P	1.2
5	☐	12500.000	12417.989	1505549.90	1.0641	A	1.2
6	☐	25000.000	25001.840	3035720.60	2.1337	A	0.5
7	☐	50000.000	49748.555	6059319.54	4.2370	A	0.5
8	☐	100000.00	97615.288	11890194.28	8.3054	A	0.5
9	☐	500000.00	500503.51	61044038.17	42.5483	A	0.8
10	☐						

$$y = 8.4994\text{E-}005 * x + 0.0087$$

R = 1.0000

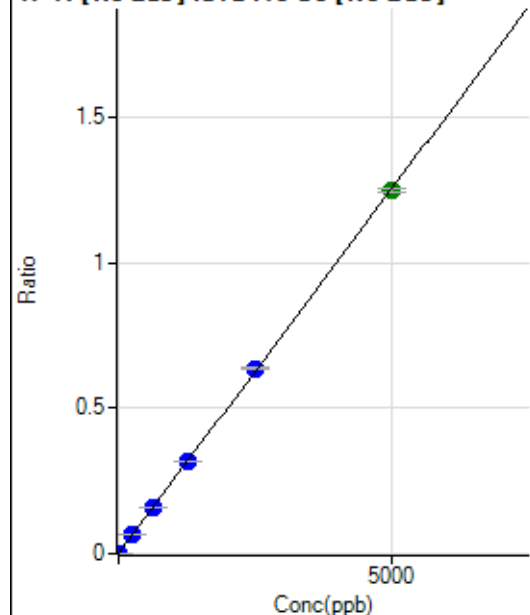
DL = 11.19

BEC = 102.3

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1280.65	0.0009	P	9.3
2	☐	1.000					
3	☐	10.000	5.446	3100.44	0.0022	P	2.0
4	☐	250.000	251.023	89836.99	0.0638	P	0.6
5	☐	625.000	630.637	225059.31	0.1591	P	0.3
6	☐	1250.000	1256.716	449779.05	0.3161	P	0.6
7	☐	2500.000	2541.826	913163.12	0.6385	P	0.4
8	☐	5000.000	4976.661	1788608.90	1.2494	A	1.0
9	☐			1780.71	0.0012	P	4.3
10	☐						

$$y = 2.5087\text{E-}004 * x + 8.6758\text{E-}004$$

R = 0.9999

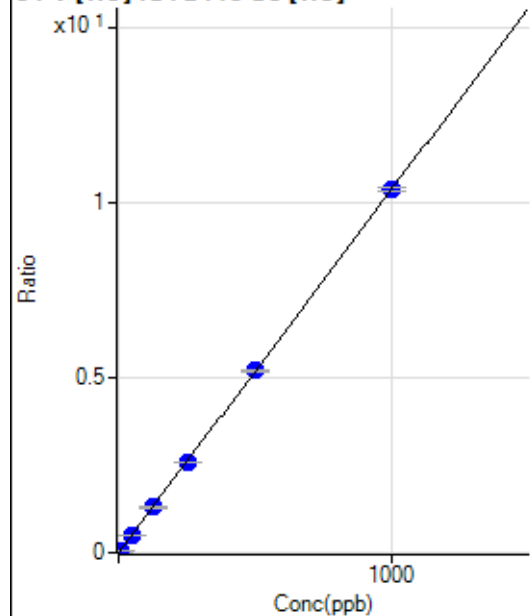
DL = 0.9632

BEC = 3.458

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0003	P	24.8
2	☐	0.500					
3	☐	5.000	5.037	5185.46	0.0525	P	1.6
4	☐	50.000	49.676	51708.25	0.5150	P	1.5
5	☐	125.000	124.457	130545.59	1.2897	P	1.0
6	☐	250.000	250.902	260133.43	2.5998	P	0.5
7	☐	500.000	500.991	521578.95	5.1909	P	0.5
8	☐	1000.000	999.363	1042032.36	10.3543	P	0.9
9	☐			218.89	0.0023	P	12.9
10	☐						

$$y = 0.0104 * x + 2.8481\text{E-}004$$

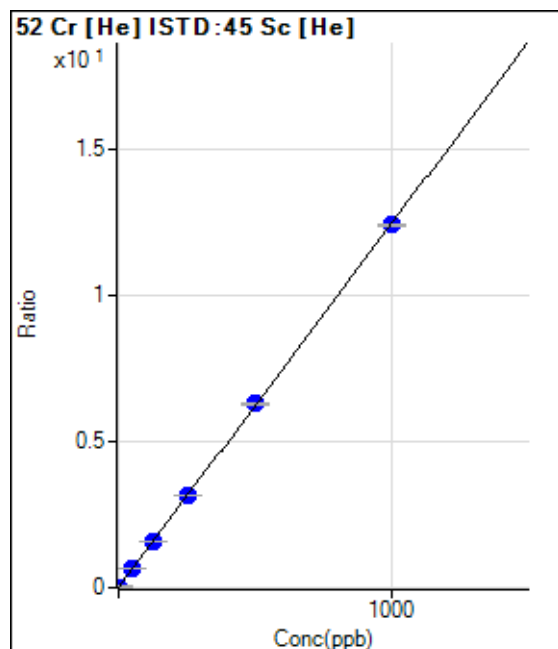
R = 1.0000

DL = 0.02049

BEC = 0.02749

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	841.14	0.0090	P	17.0
2	☐	0.200					
3	☐	2.000	1.912	3247.08	0.0329	P	2.9
4	☐	50.000	50.711	64411.60	0.6414	P	0.4
5	☐	125.000	125.862	159795.65	1.5787	P	0.7
6	☐	250.000	254.665	318696.01	3.1851	P	0.6
7	☐	500.000	504.141	632634.47	6.2964	P	1.5
8	☐	1000.000	996.620	1251765.25	12.4383	P	0.8
9	☐			10119.28	0.1067	P	1.9
10	☐						

$$y = 0.0125 * x + 0.0090$$

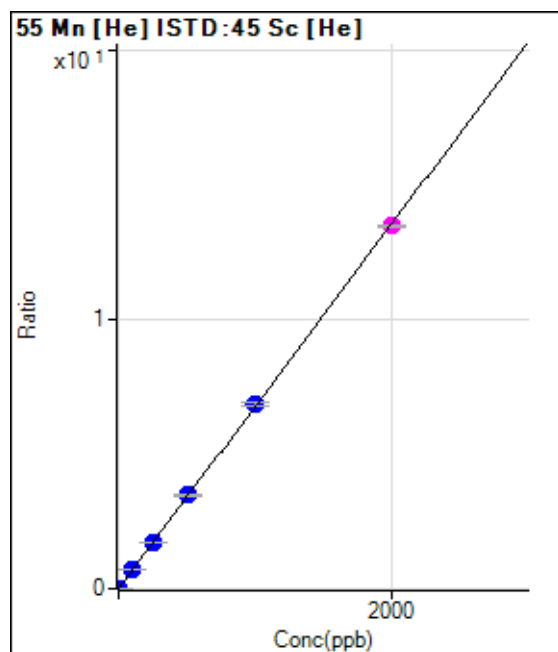
$$R = 1.0000$$

$$DL = 0.3694$$

$$BEC = 0.7224$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0004	P	60.3
2	☐	0.100					
3	☐	1.000	1.076	754.48	0.0076	P	5.5
4	☐	100.000	101.964	69271.45	0.6898	P	0.4
5	☐	250.000	253.441	173505.51	1.7141	P	1.2
6	☐	500.000	511.673	346243.64	3.4603	P	0.4
7	☐	1000.000	1012.208	687742.60	6.8450	P	1.7
8	☐	2000.000	1990.450	1354584.21	13.4599	M	0.6
9	☐			5279.94	0.0557	P	4.5
10	☐	10000.000					

$$y = 0.0068 * x + 3.6062E-004$$

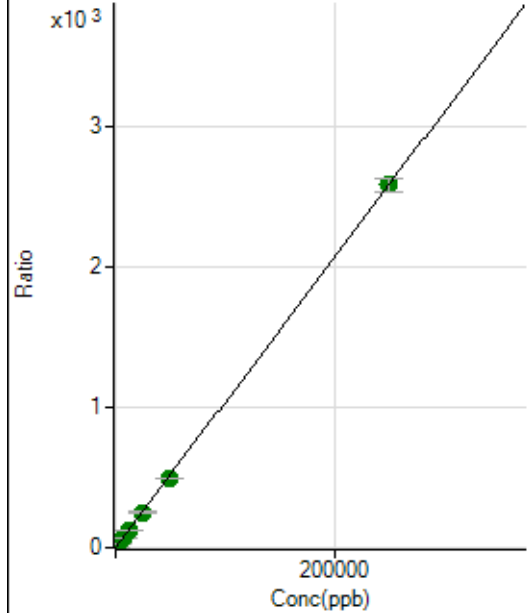
$$R = 1.0000$$

$$DL = 0.09652$$

$$BEC = 0.05333$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1729.76	0.0185	P	6.7
2	☐	5.000					
3	☐	50.000	50.187	52916.69	0.5354	P	1.2
4	☐	2500.000	2525.409	2613833.88	26.0309	A	0.6
5	☐	6250.000	6208.651	6475029.72	63.9692	A	0.6
6	☐	12500.000	12438.891	12821903.18	128.1423	A	0.2
7	☐	25000.000	24472.054	25327660.52	252.0871	A	1.8
8	☐	50000.000	48293.467	50064194.64	497.4539	A	0.1
9	☐	250000.00	250397.93	244438844.3	2,579.183	A	3.9
10	☐						

$$y = 0.0103 * x + 0.0185$$

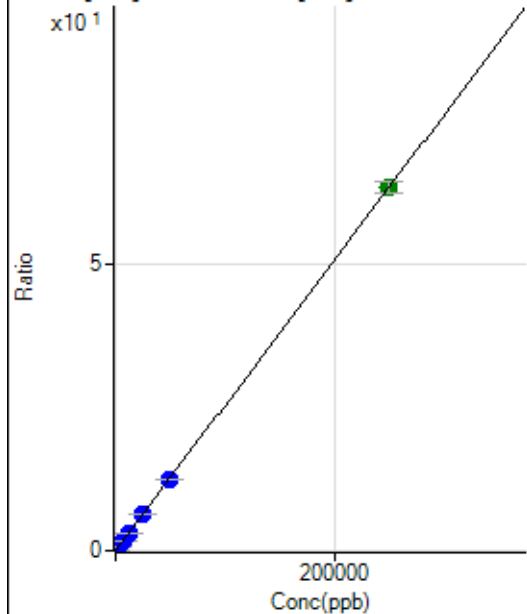
R = 1.0000

DL = 0.358

BEC = 1.794

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.82	0.0012	P	21.4
2	☐	5.000					
3	☐	50.000	49.141	1348.24	0.0136	P	6.5
4	☐	2500.000	2494.353	63409.96	0.6315	P	0.9
5	☐	6250.000	6227.807	159410.05	1.5749	P	0.2
6	☐	12500.000	12417.994	314086.49	3.1390	P	0.3
7	☐	25000.000	24890.058	632023.24	6.2904	P	1.4
8	☐	50000.000	49101.974	1248728.11	12.4083	P	1.1
9	☐	250000.00	250195.31	5992531.67	63.2205	A	3.1
10	☐						

$$y = 2.5268E-004 * x + 0.0012$$

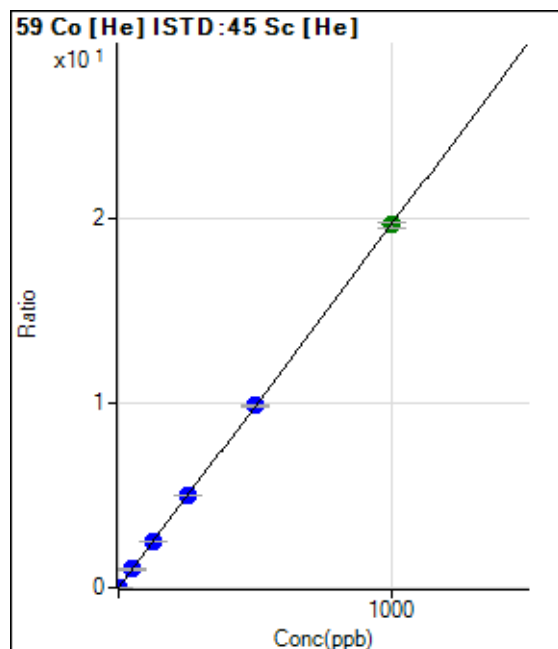
R = 1.0000

DL = 3.114

BEC = 4.842

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0008	P	7.6
2	☐	0.100					
3	☐	1.000	0.960	1940.16	0.0196	P	2.0
4	☐	50.000	50.323	99314.74	0.9891	P	0.3
5	☐	125.000	125.834	250226.57	2.4720	P	0.6
6	☐	250.000	251.999	495274.18	4.9498	P	0.3
7	☐	500.000	500.763	988213.37	9.8352	P	1.1
8	☐	1000.000	998.998	1974416.99	19.6200	A	1.9
9	☐			22648.48	0.2390	P	4.7
10	☐						

$$y = 0.0196 * x + 7.6858E-004$$

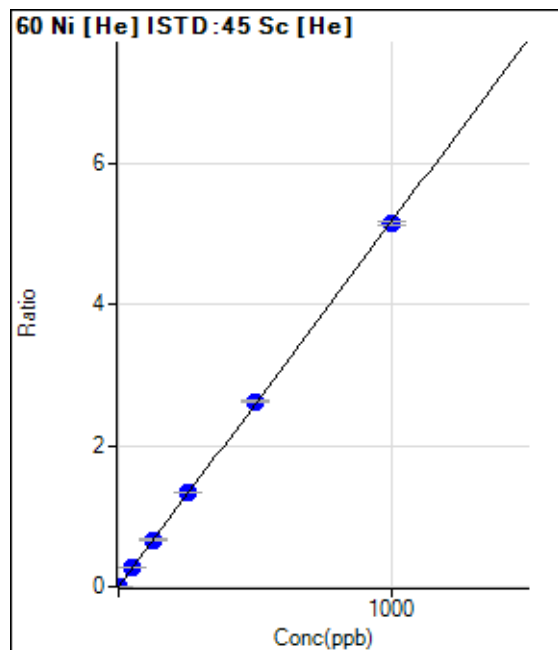
R = 1.0000

DL = 0.008921

BEC = 0.03914

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0007	P	11.8
2	☐	0.100					
3	☐	1.000	1.041	603.36	0.0061	P	9.6
4	☐	50.000	51.800	27008.48	0.2690	P	1.3
5	☐	125.000	128.418	67389.61	0.6658	P	1.1
6	☐	250.000	257.535	133524.87	1.3345	P	0.8
7	☐	500.000	507.950	264380.80	2.6313	P	1.3
8	☐	1000.000	993.624	517934.06	5.1466	P	1.1
9	☐			6586.06	0.0695	P	3.4
10	☐						

$$y = 0.0052 * x + 7.1294E-004$$

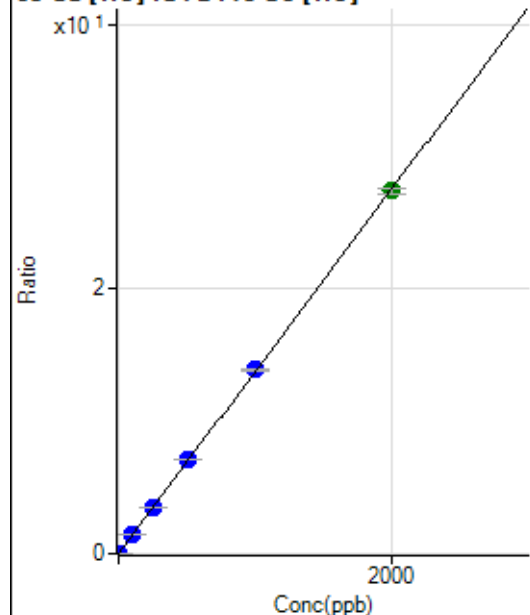
R = 0.9999

DL = 0.04874

BEC = 0.1377

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	793.36	0.0085	P	7.3
2	☐	0.200					
3	☐	2.000	1.946	3486.03	0.0353	P	1.5
4	☐	100.000	102.849	143071.28	1.4248	P	0.9
5	☐	250.000	253.455	354160.30	3.4989	P	0.6
6	☐	500.000	514.305	709548.78	7.0912	P	0.2
7	☐	1000.000	1008.143	1395772.22	13.8920	P	1.5
8	☐	2000.000	1991.778	2761196.21	27.4380	A	1.7
9	☐			4499.67	0.0475	P	5.0
10	☐	10000.000					

$$y = 0.0138 * x + 0.0085$$

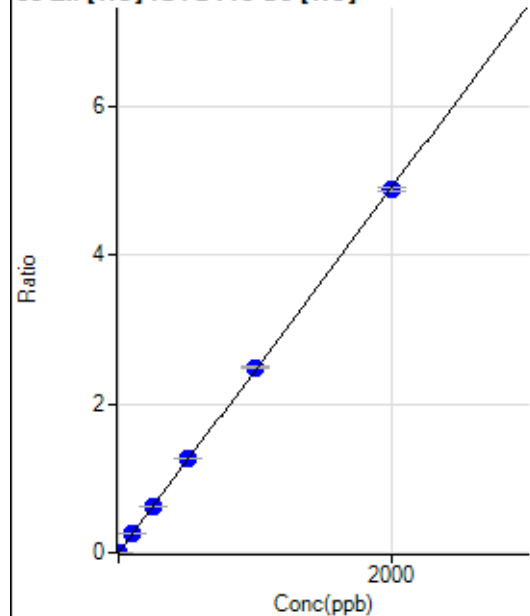
$$R = 1.0000$$

$$DL = 0.1342$$

$$BEC = 0.615$$

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	40.00	0.0004	P	12.5
2	☐	0.200					
3	☐	2.000	2.195	573.35	0.0058	P	6.1
4	☐	100.000	101.643	25042.67	0.2494	P	1.2
5	☐	250.000	254.675	63183.91	0.6242	P	0.4
6	☐	500.000	511.926	125507.80	1.2543	P	0.2
7	☐	1000.000	1015.072	249848.55	2.4867	P	1.4
8	☐	2000.000	1988.816	490279.22	4.8718	P	1.0
9	☐			4895.36	0.0516	P	1.0
10	☐	10000.000					

$$y = 0.0024 * x + 4.2623E-004$$

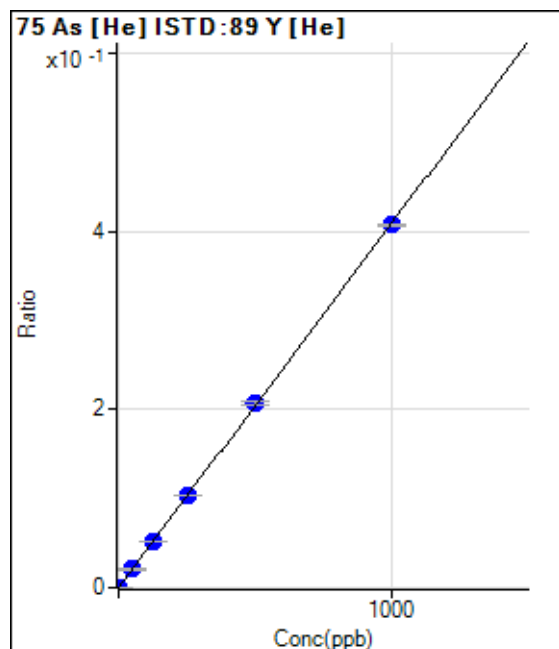
$$R = 0.9999$$

$$DL = 0.06551$$

$$BEC = 0.174$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.67	0.0000	P	56.6
2	☐	0.100					
3	☐	1.000	0.847	179.02	0.0004	P	5.1
4	☐	50.000	50.403	10790.28	0.0206	P	1.6
5	☐	125.000	127.527	27113.47	0.0521	P	1.3
6	☐	250.000	251.260	53541.10	0.1027	P	0.3
7	☐	500.000	506.039	107481.20	0.2069	P	1.8
8	☐	1000.000	996.330	213085.37	0.4074	P	0.9
9	☐			310.04	0.0006	P	8.4
10	☐						

$$y = 4.0886E-004 * x + 5.4025E-006$$

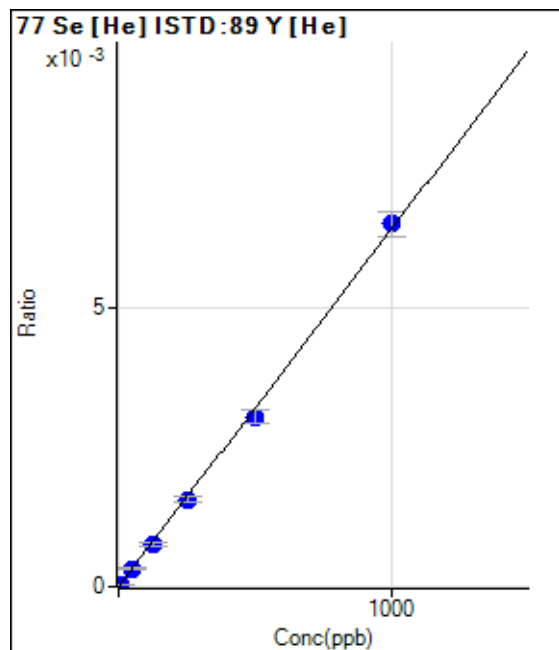
R = 1.0000

DL = 0.02242

BEC = 0.01321

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.453	17.78	0.0000	P	60.5
4	☐	50.000	50.049	167.78	0.0003	P	7.9
5	☐	125.000	119.502	397.79	0.0008	P	7.1
6	☐	250.000	244.137	814.48	0.0016	P	7.3
7	☐	500.000	475.137	1580.11	0.0030	P	8.6
8	☐	1000.000	1014.580	3399.35	0.0065	P	6.7
9	☐			2.22	0.0000	P	173.2
10	☐						

$$y = 6.4040E-006 * x + 0.0000E+000$$

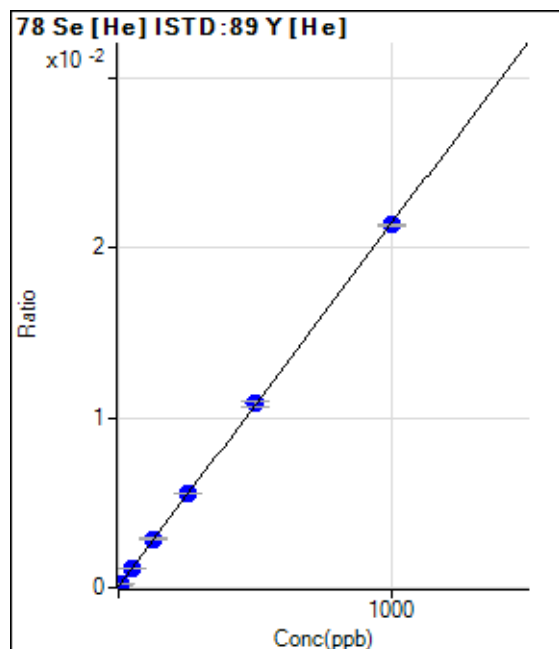
R = 0.9995

DL = 0

BEC = 0

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.00	0.0001	P	16.5
2	☐	0.500					
3	☐	5.000	4.978	93.34	0.0002	P	13.1
4	☐	50.000	50.605	606.07	0.0012	P	5.3
5	☐	125.000	129.917	1483.23	0.0029	P	4.5
6	☐	250.000	256.677	2897.27	0.0056	P	1.3
7	☐	500.000	503.289	5623.72	0.0108	P	3.1
8	☐	1000.000	996.041	11169.63	0.0214	P	0.5
9	☐			48.67	0.0001	P	18.8
10	☐						

$$y = 2.1361\text{E-}005 * x + 7.6914\text{E-}005$$

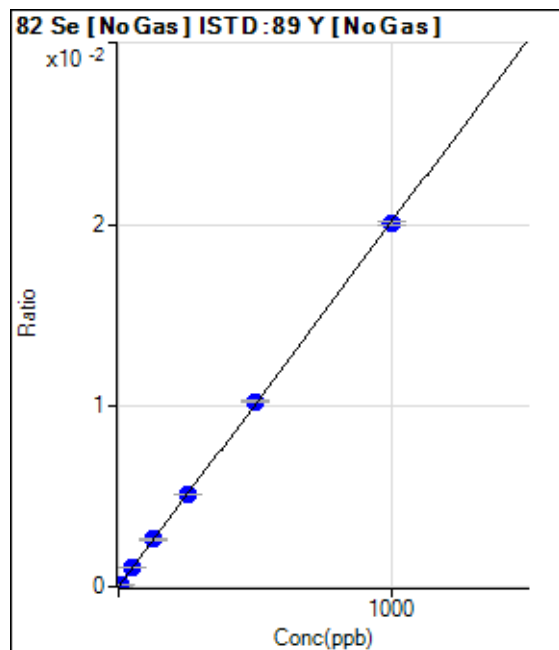
R = 1.0000

DL = 1.787

BEC = 3.601

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-17.00	0.0000	P	-386.
2	☐	0.500					
3	☐	5.000	3.564	124.90	0.0001	P	38.9
4	☐	50.000	52.737	2067.07	0.0011	P	5.4
5	☐	125.000	129.644	5074.52	0.0026	P	2.2
6	☐	250.000	252.289	10143.12	0.0051	P	1.1
7	☐	500.000	508.349	20838.59	0.0102	P	1.0
8	☐	1000.000	994.543	40777.21	0.0200	P	1.1
9	☐			18.73	0.0000	P	174.0
10	☐						

$$y = 2.0153\text{E-}005 * x - 7.8740\text{E-}006$$

R = 0.9999

DL = 4.533

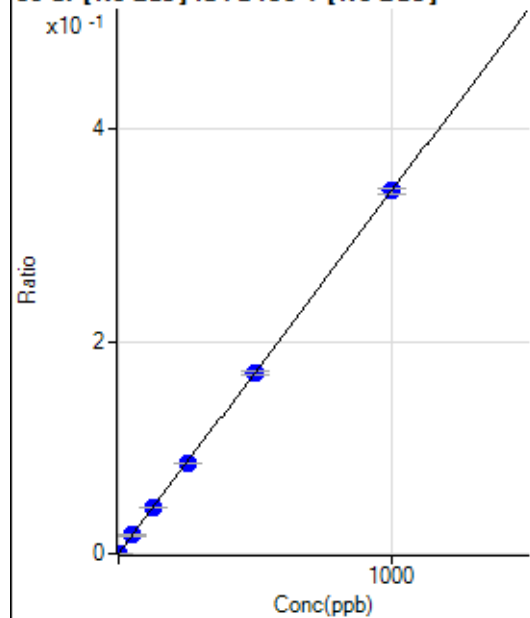
BEC = -0.3907

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			265.56		P	18.0
2	☐						
3	☐			294.45		P	10.7
4	☐			283.34		P	10.6
5	☐			294.45		P	10.3
6	☐			271.12		P	12.6
7	☐			268.90		P	14.1
8	☐			270.01		P	9.3
9	☐			272.23		P	5.1
10	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	422.24	0.0002	P	9.9
2	☐	0.100					
3	☐	1.000	0.873	972.28	0.0005	P	19.5
4	☐	50.000	49.827	33700.39	0.0172	P	3.5
5	☐	125.000	127.446	85114.01	0.0437	P	0.1
6	☐	250.000	248.719	169990.00	0.0851	P	0.2
7	☐	500.000	499.545	347390.79	0.1707	P	2.2
8	☐	1000.000	1000.251	695108.57	0.3415	P	1.3
9	☐			3383.84	0.0017	P	3.3
10	☐						

$$y = 3.4123E-004 * x + 2.0267E-004$$

$$R = 1.0000$$

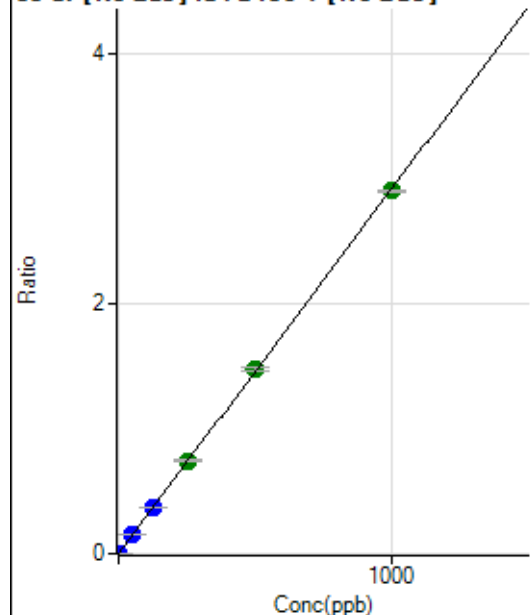
$$DL = 0.1769$$

$$BEC = 0.5939$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	80.0
2	☐	0.100					
3	☐	1.000	0.955	5445.67	0.0028	P	2.3
4	☐	50.000	51.752	295530.17	0.1509	P	1.3
5	☐	125.000	128.744	731034.09	0.3753	P	0.3
6	☐	250.000	255.200	1486275.25	0.7438	A	0.8
7	☐	500.000	505.826	3001644.08	1.4743	A	1.3
8	☐	1000.000	995.231	5904243.67	2.9008	A	0.6
9	☐			25337.87	0.0127	P	2.9
10	☐						

$$y = 0.0029 * x + 1.8584E-005$$

$$R = 1.0000$$

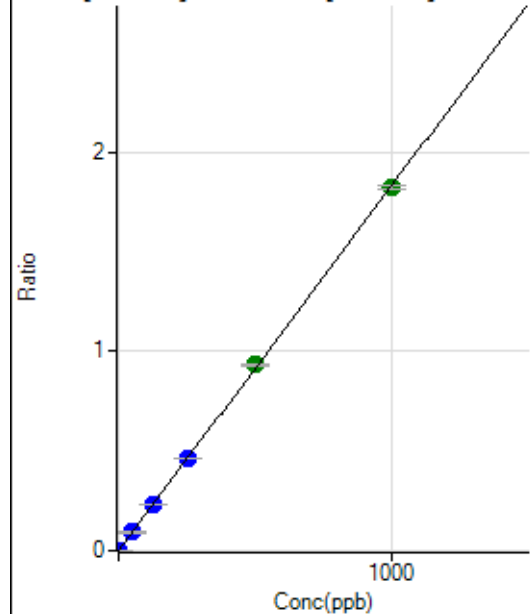
$$DL = 0.0153$$

$$BEC = 0.006376$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0001	P	31.7
2	☐	0.100					
3	☐	1.000	0.960	3575.56	0.0018	P	5.5
4	☐	50.000	50.476	181316.29	0.0926	P	1.8
5	☐	125.000	128.498	458770.45	0.2355	P	0.5
6	☐	250.000	251.698	921563.23	0.4612	P	0.7
7	☐	500.000	509.059	1898668.40	0.9327	A	1.5
8	☐	1000.000	994.585	3708883.29	1.8223	A	1.1
9	☐			1091.74	0.0005	P	3.8
10	☐						

$$y = 0.0018 * x + 8.1175E-005$$

$$R = 0.9999$$

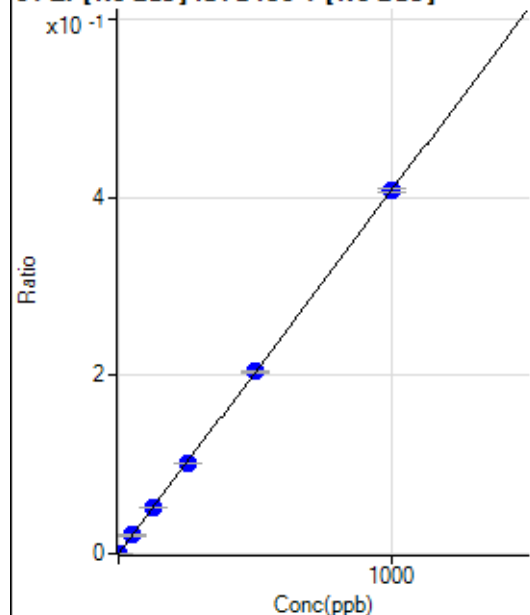
$$DL = 0.04212$$

$$BEC = 0.04431$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	46.5
2	☐	0.100					
3	☐	1.000	0.945	786.16	0.0004	P	11.3
4	☐	50.000	50.532	40371.46	0.0206	P	3.3
5	☐	125.000	127.894	101568.56	0.0521	P	0.3
6	☐	250.000	250.249	203809.89	0.1020	P	0.9
7	☐	500.000	500.963	415615.32	0.2042	P	1.6
8	☐	1000.000	999.068	828715.11	0.4072	P	1.1
9	☐			241.68	0.0001	P	8.7
10	☐						

$$y = 4.0752E-004 * x + 1.8762E-005$$

R = 1.0000

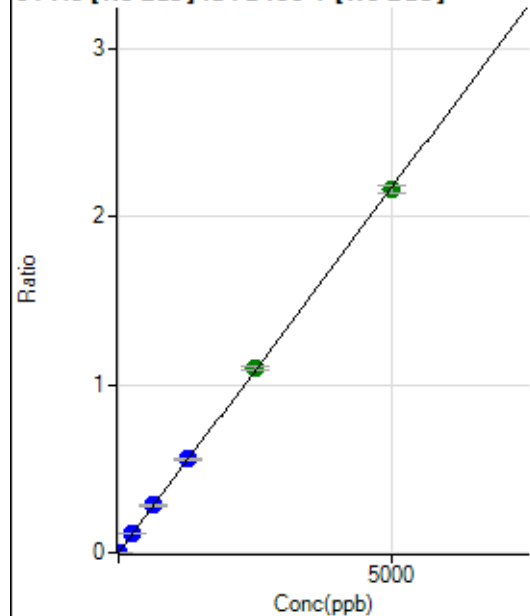
DL = 0.06428

BEC = 0.04604

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	31.5
2	☐	1.000					
3	☐	10.000	5.030	4298.02	0.0022	P	2.8
4	☐	250.000	259.561	220987.34	0.1128	P	1.6
5	☐	625.000	645.981	546817.57	0.2807	P	0.6
6	☐	1250.000	1280.520	1111770.12	0.5564	P	0.8
7	☐	2500.000	2532.593	2240092.28	1.1004	A	1.2
8	☐	5000.000	4972.983	4397564.08	2.1608	A	2.3
9	☐			1750.16	0.0009	P	9.1
10	☐						

$$y = 4.3450E-004 * x + 2.5233E-005$$

R = 0.9999

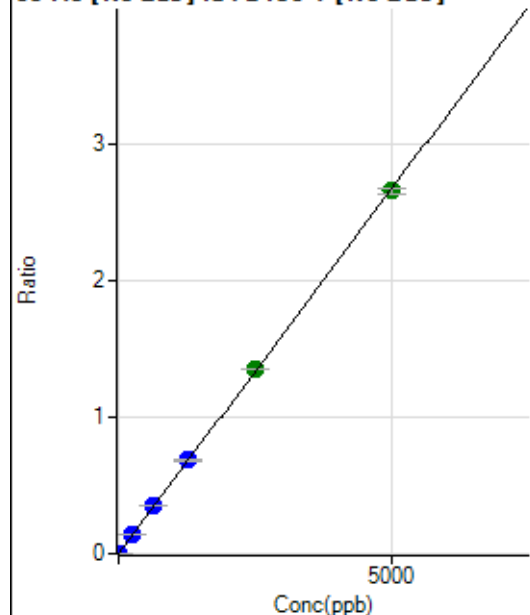
DL = 0.05487

BEC = 0.05807

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.6
2	☐	1.000					
3	☐	10.000	5.207	5440.14	0.0028	P	3.3
4	☐	250.000	257.350	269913.47	0.1378	P	1.2
5	☐	625.000	647.842	675601.43	0.3468	P	0.2
6	☐	1250.000	1282.689	1371997.01	0.6866	P	0.7
7	☐	2500.000	2527.731	2754620.72	1.3531	A	0.6
8	☐	5000.000	4974.749	5420155.07	2.6630	A	1.2
9	☐			2547.52	0.0013	P	1.3
10	☐						

$$y = 5.3531\text{E-}004 * x + 1.0683\text{E-}005$$

$$R = 0.9999$$

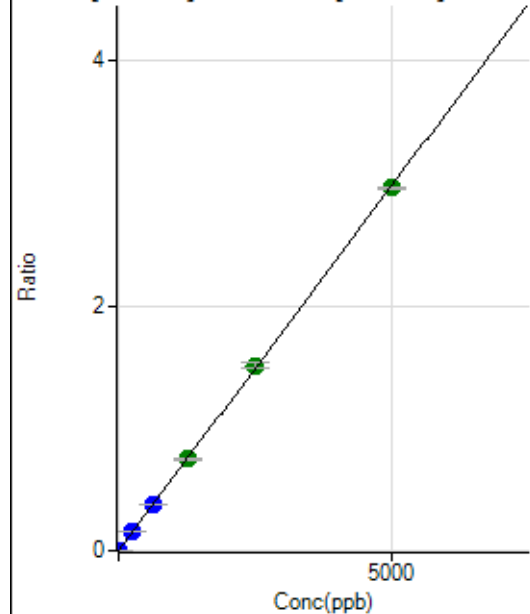
$$DL = 0.01352$$

$$BEC = 0.01996$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.34	0.0000	P	88.4
2	☐	1.000					
3	☐	10.000	4.976	5798.62	0.0030	P	4.1
4	☐	250.000	256.500	299513.67	0.1529	P	1.7
5	☐	625.000	641.681	745060.08	0.3825	P	0.2
6	☐	1250.000	1259.516	1499914.81	0.7507	A	2.1
7	☐	2500.000	2542.576	3084508.23	1.5154	A	2.5
8	☐	5000.000	4973.933	6034137.24	2.9645	A	0.6
9	☐			3144.91	0.0016	P	7.5
10	☐						

$$y = 5.9600\text{E-}004 * x + 1.6170\text{E-}005$$

$$R = 0.9999$$

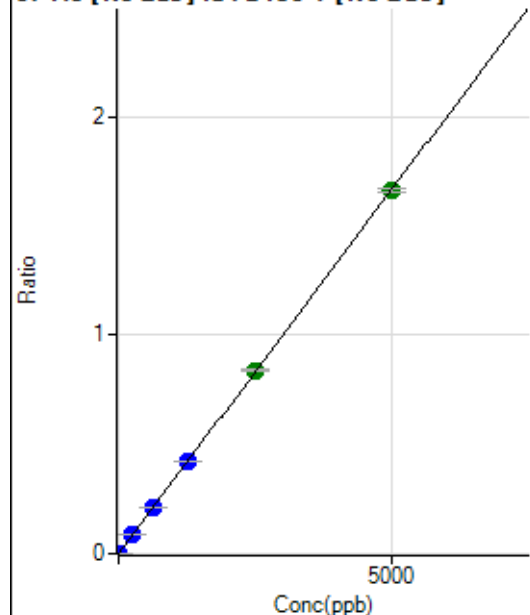
$$DL = 0.07195$$

$$BEC = 0.02713$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	31.6
2	☐	1.000					
3	☐	10.000	5.246	3469.98	0.0018	P	7.1
4	☐	250.000	255.973	167187.34	0.0853	P	2.3
5	☐	625.000	640.823	416138.99	0.2136	P	0.2
6	☐	1250.000	1267.304	844042.99	0.4224	P	0.7
7	☐	2500.000	2515.625	1706802.45	0.8385	A	1.5
8	☐	5000.000	4985.594	3382164.66	1.6617	A	0.9
9	☐			1566.80	0.0008	P	5.2
10	☐						

$$y = 3.3329\text{E-}004 * x + 3.7396\text{E-}005$$

R = 1.0000

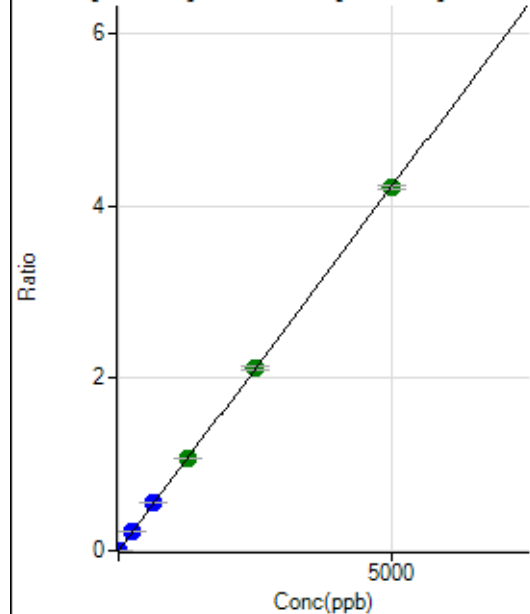
DL = 0.1063

BEC = 0.1122

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	77.2
2	☐	1.000					
3	☐	10.000	5.097	8391.67	0.0043	P	5.4
4	☐	250.000	258.562	427523.41	0.2182	P	1.7
5	☐	625.000	652.415	1072719.48	0.5507	P	0.7
6	☐	1250.000	1263.900	2131555.43	1.0668	A	0.9
7	☐	2500.000	2515.512	4321974.71	2.1232	A	1.8
8	☐	5000.000	4984.924	8563650.89	4.2074	A	0.9
9	☐			3861.76	0.0019	P	7.3
10	☐						

$$y = 8.4403\text{E-}004 * x + 1.0592\text{E-}005$$

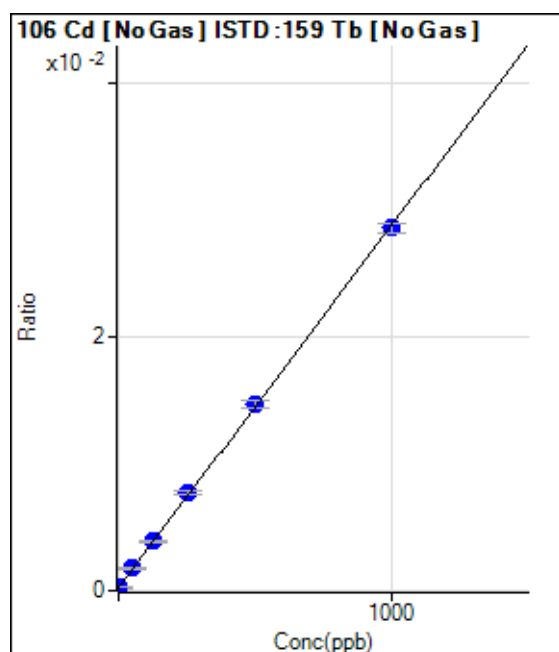
R = 1.0000

DL = 0.02905

BEC = 0.01255

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.24	0.0002	P	15.0
2	☐	0.100					
3	☐	1.000	2.166	583.36	0.0003	P	8.5
4	☐	50.000	54.617	3556.14	0.0018	P	6.5
5	☐	125.000	127.773	7783.01	0.0039	P	5.4
6	☐	250.000	262.707	15395.23	0.0077	P	2.9
7	☐	500.000	506.052	30905.54	0.0147	P	4.3
8	☐	1000.000	993.219	60700.75	0.0286	P	2.9
9	☐			536.14	0.0003	P	16.3
10	☐						

$$y = 2.8537\text{E-}005 * x + 2.3928\text{E-}004$$

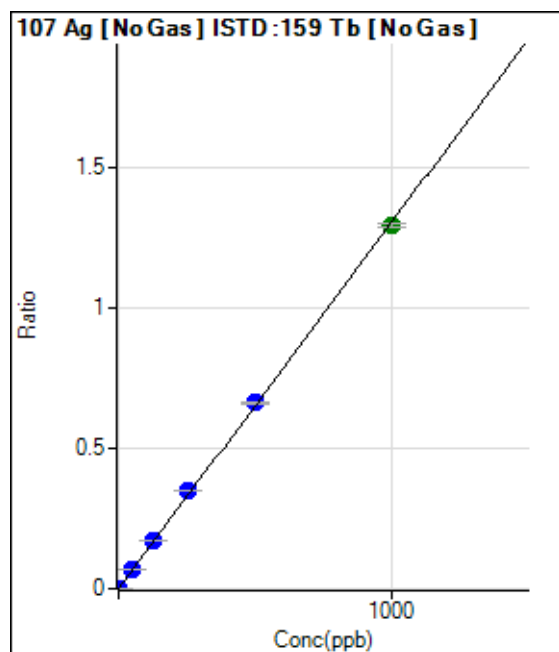
R = 0.9999

DL = 3.777

BEC = 8.385

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.9
2	☐	0.100					
3	☐	1.000	0.979	2486.43	0.0013	P	5.6
4	☐	50.000	53.505	137965.38	0.0698	P	0.7
5	☐	125.000	130.901	342146.92	0.1708	P	2.4
6	☐	250.000	266.505	691776.24	0.3476	P	0.4
7	☐	500.000	508.737	1397352.65	0.6636	P	1.1
8	☐	1000.000	990.592	2744618.92	1.2922	A	1.0
9	☐			2858.79	0.0014	P	58.6
10	☐						

$$y = 0.0013 * x + 6.6845\text{E-}006$$

R = 0.9998

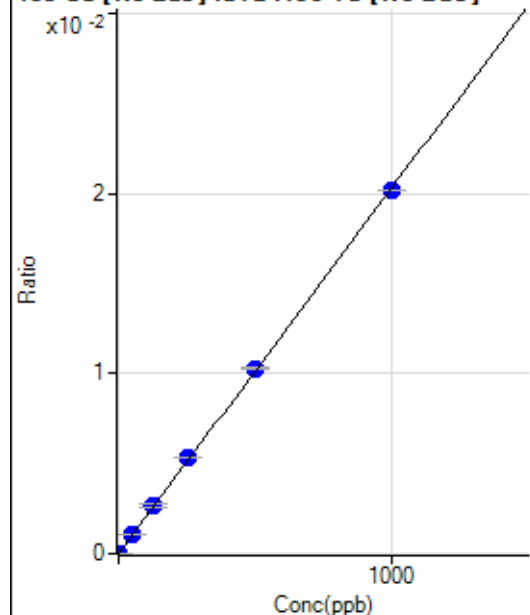
DL = 0.005369

BEC = 0.005124

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.962	40.28	0.0000	P	47.9
4	☐	50.000	52.659	2112.69	0.0011	P	4.0
5	☐	125.000	131.625	5352.51	0.0027	P	4.8
6	☐	250.000	261.409	10552.82	0.0053	P	0.7
7	☐	500.000	506.783	21645.21	0.0103	P	0.6
8	☐	1000.000	992.795	42773.02	0.0201	P	0.2
9	☐			13.89	0.0000	P	34.8
10	☐						

$$y = 2.0281\text{E-}005 * x + 1.3304\text{E-}006$$

R = 0.9999

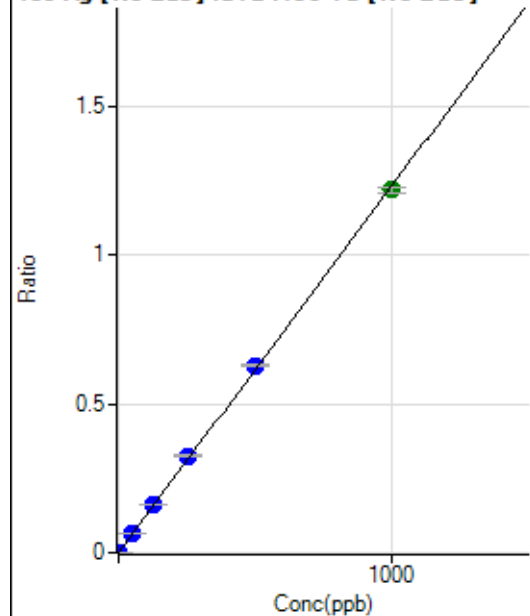
DL = 0.1704

BEC = 0.0656

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.5
2	☐	0.100					
3	☐	1.000	0.988	2378.06	0.0012	P	5.9
4	☐	50.000	53.153	129494.53	0.0655	P	1.4
5	☐	125.000	132.015	326059.31	0.1627	P	1.6
6	☐	250.000	264.872	649591.77	0.3265	P	1.1
7	☐	500.000	509.881	1323261.13	0.6284	P	1.0
8	☐	1000.000	990.307	2592303.79	1.2205	A	1.8
9	☐			2636.50	0.0013	P	58.4
10	☐						

$$y = 0.0012 * x + 7.9942\text{E-}006$$

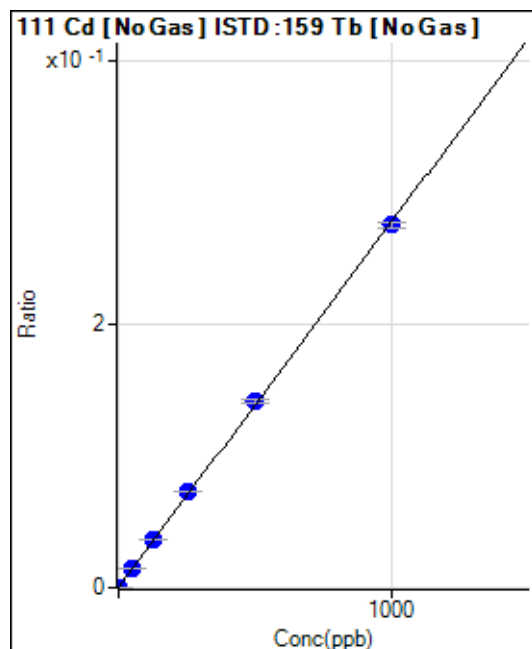
R = 0.9998

DL = 0.009628

BEC = 0.006486

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	348.91	0.0002	P	14.8
2	☐	0.100					
3	☐	1.000	1.081	906.57	0.0005	P	10.2
4	☐	50.000	52.637	29217.73	0.0148	P	2.6
5	☐	125.000	130.266	72814.89	0.0363	P	2.4
6	☐	250.000	262.273	145255.08	0.0730	P	0.6
7	☐	500.000	508.569	297713.31	0.1414	P	1.5
8	☐	1000.000	991.857	585351.43	0.2756	P	1.5
9	☐			418.35	0.0002	P	16.9
10	☐						

$$y = 2.7769\text{E-}004 * x + 1.6789\text{E-}004$$

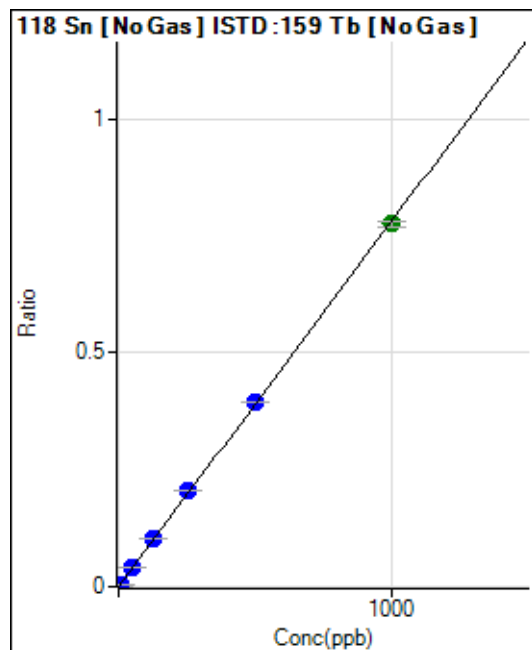
R = 0.9999

DL = 0.2685

BEC = 0.6046

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	50.4
2	☐	0.500					
3	☐	5.000	5.167	7916.47	0.0041	P	0.4
4	☐	50.000	51.543	79622.51	0.0403	P	1.5
5	☐	125.000	130.140	203674.13	0.1016	P	1.6
6	☐	250.000	263.158	408880.68	0.2055	P	0.6
7	☐	500.000	505.665	831311.14	0.3948	P	0.8
8	☐	1000.000	993.158	1646836.67	0.7753	A	1.3
9	☐			1030.63	0.0005	P	6.5
10	☐						

$$y = 7.8064\text{E-}004 * x + 4.9546\text{E-}005$$

R = 0.9999

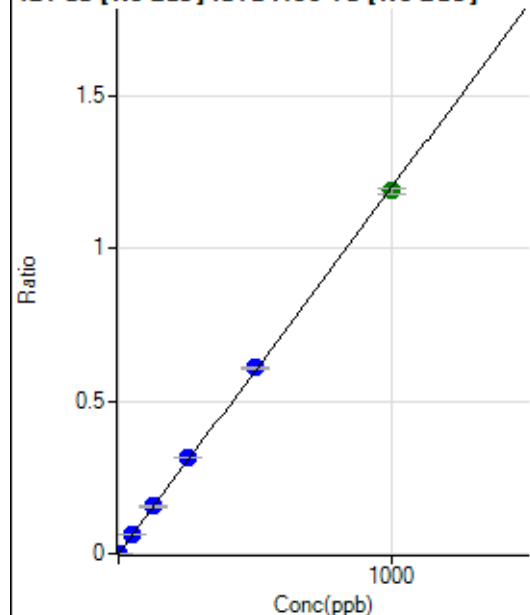
DL = 0.09591

BEC = 0.06347

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.8
2	☐	0.200					
3	☐	2.000	1.893	4409.19	0.0023	P	4.9
4	☐	50.000	52.316	123844.37	0.0627	P	1.7
5	☐	125.000	129.482	310737.39	0.1551	P	2.1
6	☐	250.000	263.590	628177.12	0.3157	P	0.8
7	☐	500.000	508.995	1283603.30	0.6096	P	1.0
8	☐	1000.000	991.429	2521988.84	1.1874	A	1.5
9	☐			3075.45	0.0015	P	7.2
10	☐						

$$y = 0.0012 * x + 8.0167E-006$$

$$R = 0.9998$$

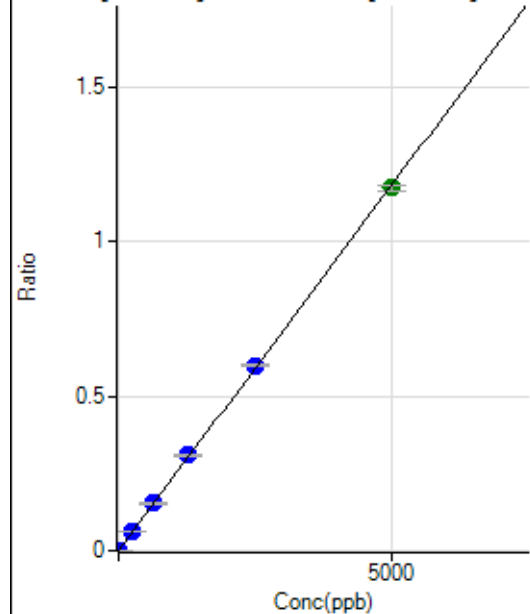
$$DL = 0.01001$$

$$BEC = 0.006694$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.2
2	☐	1.000					
3	☐	10.000	10.199	4695.42	0.0024	P	2.8
4	☐	250.000	262.976	122835.27	0.0622	P	2.1
5	☐	625.000	646.429	306122.59	0.1528	P	1.2
6	☐	1250.000	1308.908	615458.09	0.3093	P	1.0
7	☐	2500.000	2532.117	1259893.40	0.5983	P	1.4
8	☐	5000.000	4965.887	2492327.31	1.1734	A	1.6
9	☐			433.35	0.0002	P	15.9
10	☐						

$$y = 2.3630E-004 * x + 1.2024E-005$$

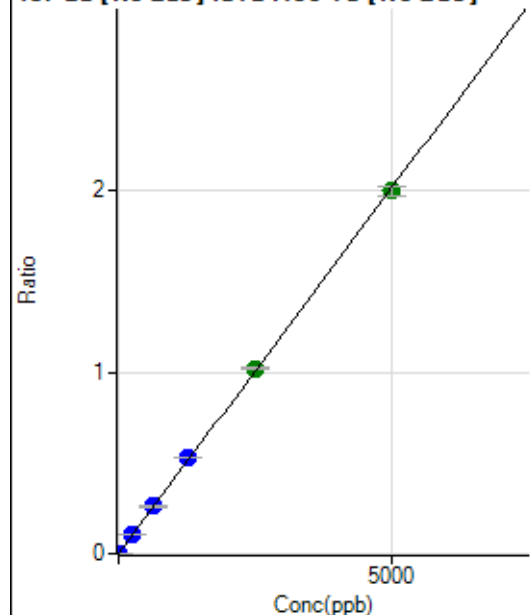
$$R = 0.9999$$

$$DL = 0.05075$$

$$BEC = 0.05088$$

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	33.34	0.0000	P	65.6
2	☐	1.000					
3	☐	10.000	10.207	7997.07	0.0041	P	1.9
4	☐	250.000	260.388	207146.44	0.1048	P	2.6
5	☐	625.000	645.330	520486.27	0.2598	P	1.9
6	☐	1250.000	1310.611	1049711.51	0.5275	P	0.5
7	☐	2500.000	2537.790	2150814.96	1.0214	A	0.9
8	☐	5000.000	4962.891	4242243.32	1.9975	A	2.4
9	☐			711.15	0.0003	P	11.2
10	☐						

$$y = 4.0248\text{E-}004 * x + 1.6006\text{E-}005$$

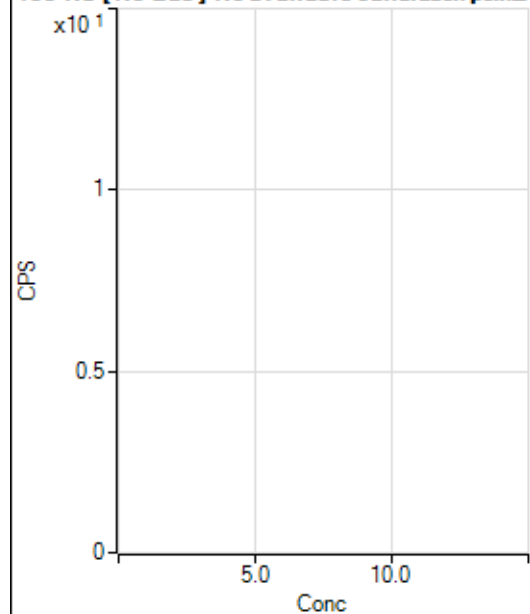
$$R = 0.9999$$

$$DL = 0.0783$$

$$BEC = 0.03977$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			8.89		P	43.3
4	☐			6.67		P	100.0
5	☐			22.22		P	34.7
6	☐			28.89		P	48.0
7	☐			42.22		P	32.9
8	☐			102.22		P	16.4
9	☐			40.00		P	16.7
10	☐						

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			2.22		P	173.2
6	☐			3.33		P	100.1
7	☐			13.33		P	109.0
8	☐			16.67		P	52.9
9	☐			16.67		P	34.6
10	☐						

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			5.55		P	86.6
4	☐			5.56		P	173.2
5	☐			13.89		P	69.3
6	☐			8.33		P	100.0
7	☐			25.00		P	66.7
8	☐			44.45		P	39.0
9	☐			33.33		P	25.0
10	☐						

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			1.11		P	173.2
6	☐			3.33		P	100.1
7	☐			7.78		P	65.5
8	☐			11.11		P	17.3
9	☐			22.22		P	8.7
10	☐						

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			11.11		P	86.6
4	☐			25.00		P	33.3
5	☐			13.89		P	34.7
6	☐			25.00		P	66.7
7	☐			19.45		P	24.7
8	☐			13.89		P	69.3
9	☐			36.11		P	48.0
10	☐						

160 Gd [He] No available calibration points

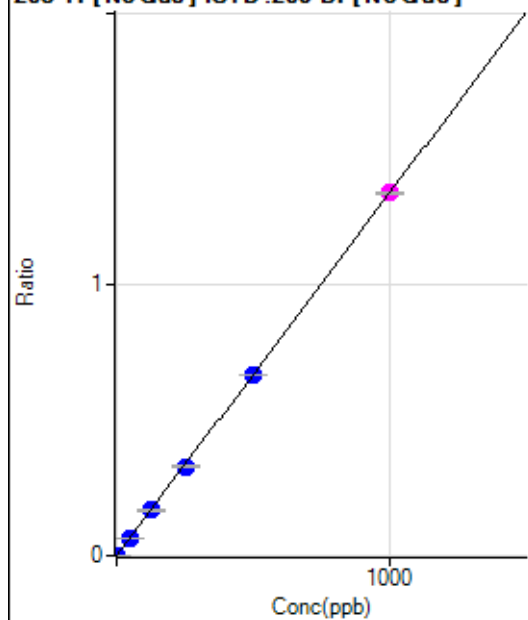
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐						
3	☐			7.78		P	65.5
4	☐			10.00		P	66.7
5	☐			11.11		P	45.8
6	☐			8.89		P	78.1
7	☐			18.89		P	10.2
8	☐			17.78		P	43.3
9	☐			24.45		P	15.8
10	☐						

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			11.11		P	114.6
4	☐			16.67		P	NaN
5	☐			5.55		P	86.6
6	☐			13.89		P	69.3
7	☐			25.00		P	57.7
8	☐			11.11		P	43.3
9	☐			16.67		P	NaN
10	☐						

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			6.67		P	100.0
4	☐			6.67		P	50.0
5	☐			7.78		P	24.7
6	☐			6.67		P	100.0
7	☐			6.67		P	86.6
8	☐			6.67		P	100.0
9	☐			11.11		P	45.8
10	☐						

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	59.7
2	☐	0.100					
3	☐	1.000	0.959	1522.36	0.0013	P	4.1
4	☐	50.000	49.405	77340.34	0.0661	P	2.0
5	☐	125.000	124.736	196155.25	0.1668	P	0.4
6	☐	250.000	246.478	389088.80	0.3295	P	0.6
7	☐	500.000	500.013	817201.66	0.6684	P	0.1
8	☐	1000.000	1000.937	1639287.68	1.3381	M	0.5
9	☐			400.02	0.0003	P	20.9
10	☐						

$$y = 0.0013 * x + 4.4352E-005$$

$$R = 1.0000$$

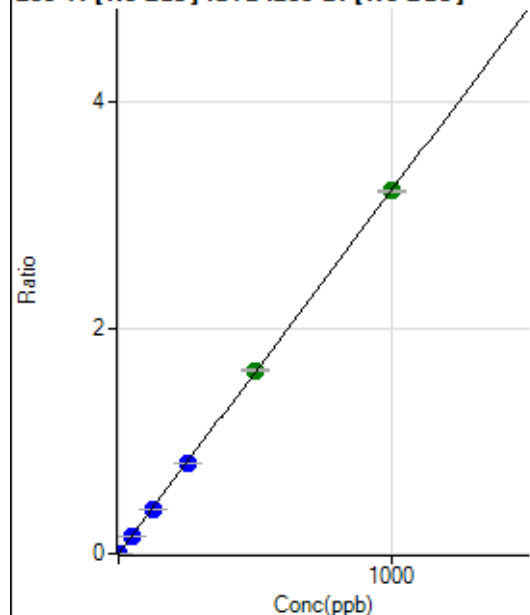
$$DL = 0.05944$$

$$BEC = 0.03318$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0001	P	26.2
2	☐	0.100					
3	☐	1.000	0.922	3517.25	0.0031	P	2.5
4	☐	50.000	49.875	187814.47	0.1605	P	1.1
5	☐	125.000	122.572	463687.17	0.3943	P	0.4
6	☐	250.000	248.910	945184.99	0.8005	P	1.6
7	☐	500.000	503.916	1981172.00	1.6206	A	1.1
8	☐	1000.000	998.624	3934453.60	3.2114	A	0.3
9	☐			850.06	0.0007	P	3.5
10	☐						

$$y = 0.0032 * x + 1.0045E-004$$

$$R = 1.0000$$

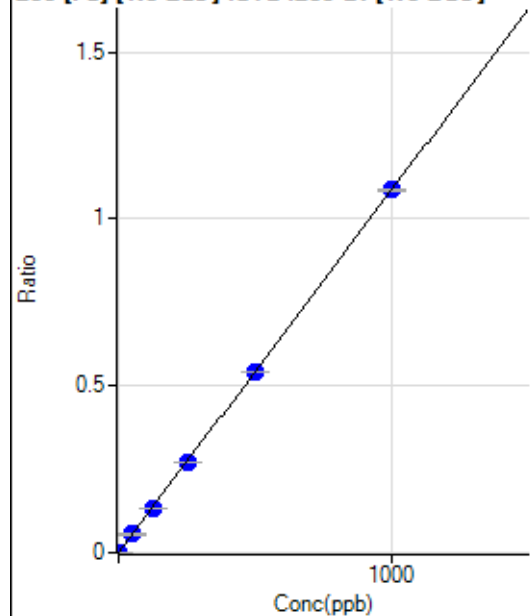
$$DL = 0.02454$$

$$BEC = 0.03124$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	268.53	0.0002	P	21.4
2	☐	0.100					
3	☐	1.000	0.917	1401.96	0.0012	P	10.0
4	☐	50.000	50.262	64168.24	0.0548	P	0.4
5	☐	125.000	123.252	157749.02	0.1341	P	0.5
6	☐	250.000	248.184	318645.46	0.2699	P	0.1
7	☐	500.000	499.989	664363.24	0.5434	P	0.1
8	☐	1000.000	1000.665	1332187.21	1.0874	P	0.2
9	☐			2704.04	0.0023	P	6.2
10	☐	10000.000					

$$y = 0.0011 * x + 2.2607E-004$$

$$R = 1.0000$$

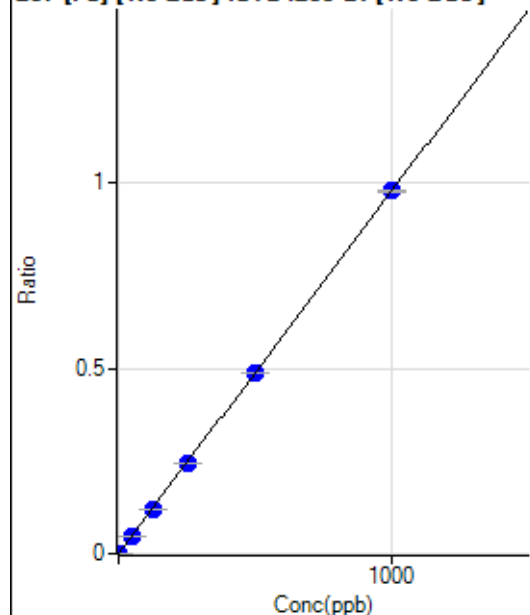
$$DL = 0.1334$$

$$BEC = 0.2081$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	259.27	0.0002	P	10.4
2	☐	0.100					
3	☐	1.000	0.851	1203.78	0.0010	P	5.9
4	☐	50.000	49.599	56925.15	0.0486	P	0.8
5	☐	125.000	123.341	141881.57	0.1206	P	1.0
6	☐	250.000	250.468	289002.11	0.2448	P	0.5
7	☐	500.000	497.538	594132.45	0.4860	P	0.3
8	☐	1000.000	1001.342	1197999.94	0.9779	P	0.4
9	☐			2379.90	0.0020	P	2.3
10	☐	10000.000					

$$y = 9.7633\text{E-}004 * x + 2.1819\text{E-}004$$

R = 1.0000

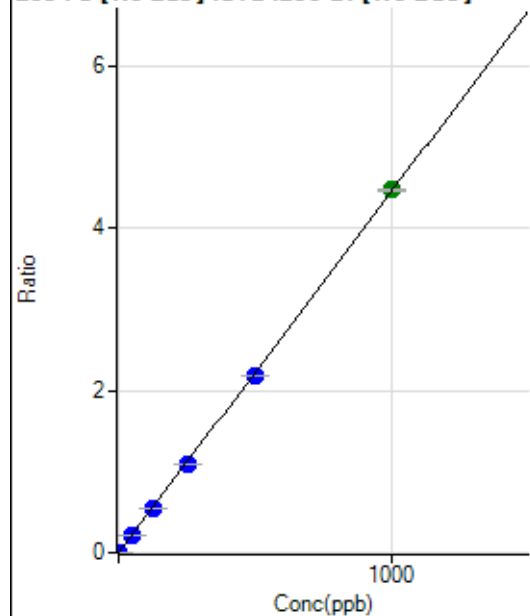
DL = 0.0695

BEC = 0.2235

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1100.04	0.0009	P	12.1
2	☐	0.100					
3	☐	1.000	0.878	5539.46	0.0048	P	7.4
4	☐	50.000	49.141	256732.67	0.2194	P	0.2
5	☐	125.000	122.166	639804.48	0.5440	P	0.2
6	☐	250.000	246.742	1296269.81	1.0978	P	0.2
7	☐	500.000	492.406	2677257.08	2.1899	P	0.1
8	☐	1000.000	1005.009	5474715.89	4.4687	A	0.3
9	☐			10677.88	0.0092	P	1.4
10	☐	10000.000					

$$y = 0.0044 * x + 9.2607\text{E-}004$$

R = 1.0000

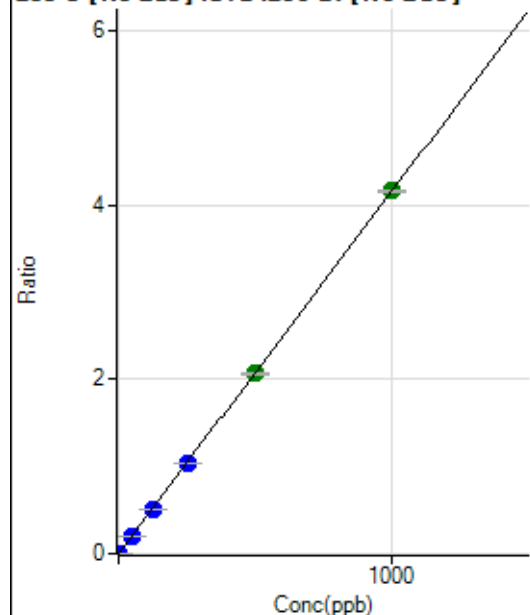
DL = 0.07542

BEC = 0.2083

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	41.67	0.0000	P	20.6
2	☐	0.100					
3	☐	1.000	0.924	4445.38	0.0039	P	4.4
4	☐	50.000	48.501	236023.66	0.2017	P	0.8
5	☐	125.000	120.991	591644.70	0.5031	P	0.9
6	☐	250.000	248.616	1220505.23	1.0337	P	0.6
7	☐	500.000	497.304	2527680.05	2.0676	A	1.3
8	☐	1000.000	1002.270	5105233.49	4.1670	A	0.2
9	☐			386.13	0.0003	P	10.2
10	☐						

$$y = 0.0042 * x + 3.5092E-005$$

$$R = 1.0000$$

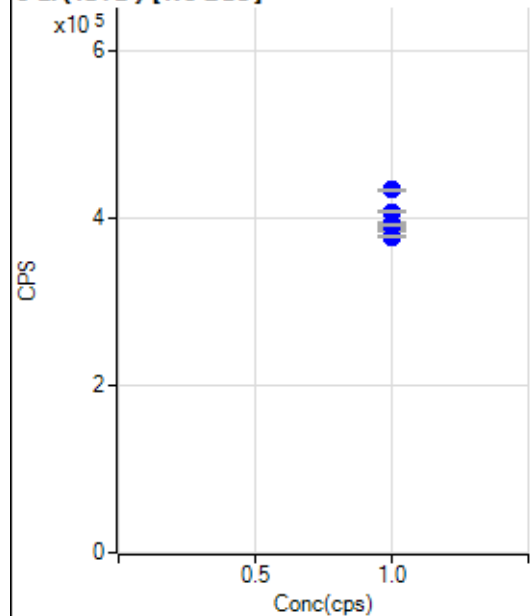
$$DL = 0.005224$$

$$BEC = 0.008441$$

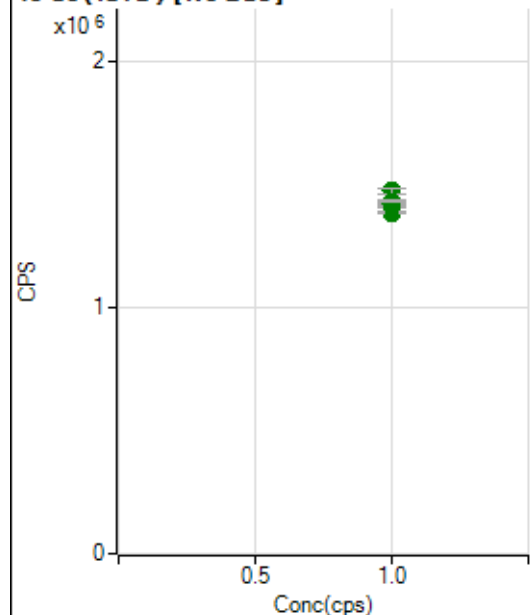
Weight: <None>

Min Conc: 0

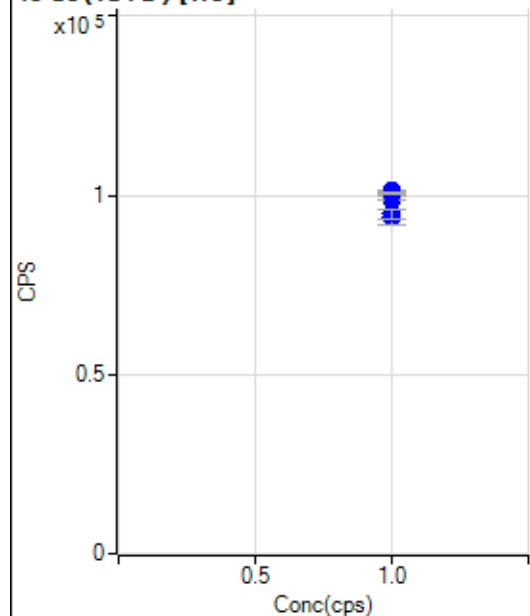
6 Li (ISTD) [No Gas]



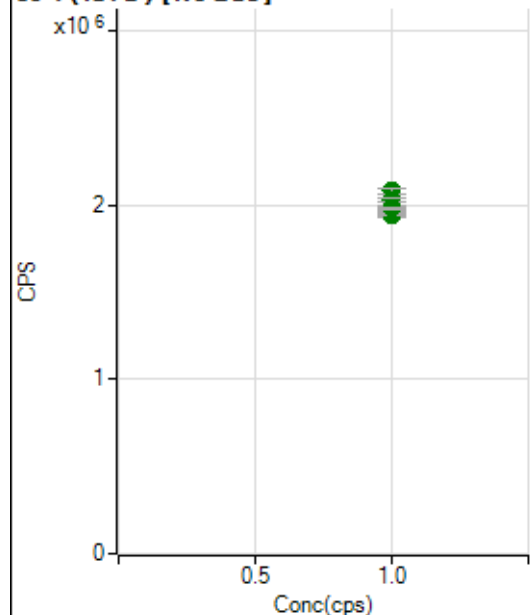
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		434462.72		P	0.7
2	☐	1.000					
3	☐	1.000		394286.46		P	0.7
4	☐	1.000		388314.39		P	0.8
5	☐	1.000		384075.27		P	0.2
6	☐	1.000		378727.25		P	0.7
7	☐	1.000		393733.46		P	0.8
8	☐	1.000		392579.68		P	0.7
9	☐	1.000		408470.99		P	0.8
10	☐	1.000					

45 Sc (ISTD) [No Gas]

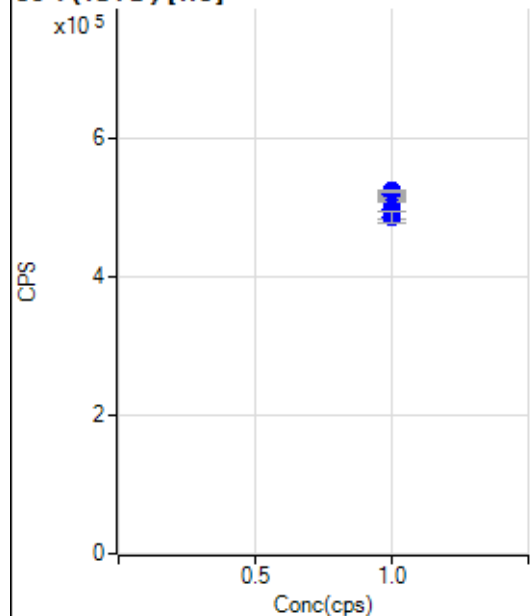
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1475772.79		A	1.4
2	☐	1.000					
3	☐	1.000		1387995.19		A	1.0
4	☐	1.000		1407255.12		A	1.9
5	☐	1.000		1414810.83		A	0.6
6	☐	1.000		1422802.49		A	1.4
7	☐	1.000		1430095.97		A	0.2
8	☐	1.000		1431645.60		A	0.5
9	☐	1.000		1434687.39		A	0.2
10	☐	1.000					

45 Sc (ISTD) [He]

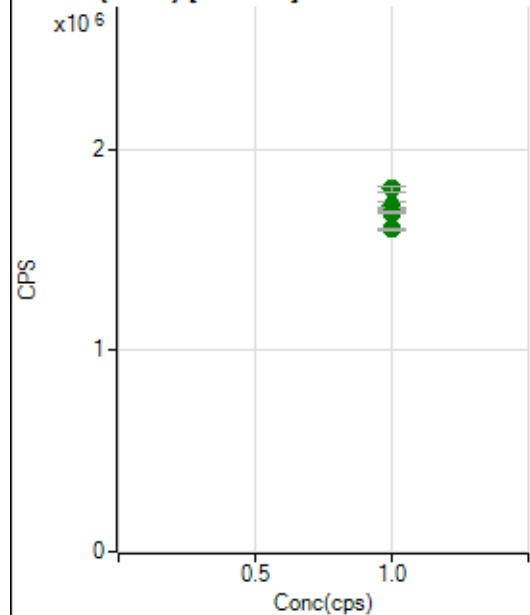
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		93783.01		P	4.7
2	☐	1.000					
3	☐	1.000		98833.75		P	0.2
4	☐	1.000		100414.71		P	0.5
5	☐	1.000		101221.98		P	0.5
6	☐	1.000		100060.26		P	0.4
7	☐	1.000		100483.09		P	1.0
8	☐	1.000		100640.81		P	0.6
9	☐	1.000		94847.98		P	3.0
10	☐	1.000					

89 Y (ISTD) [No Gas]

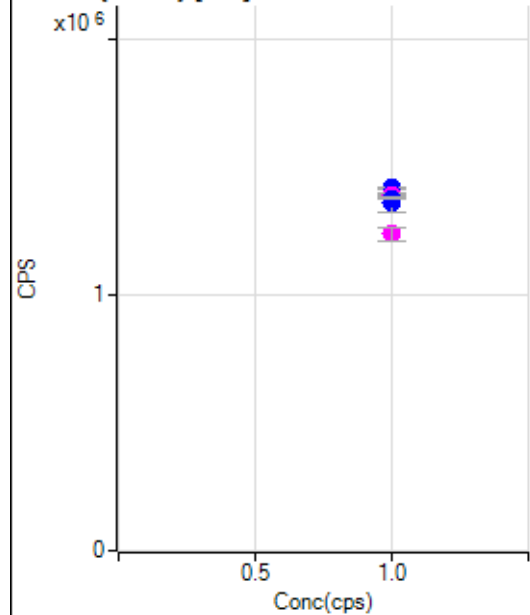
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2083760.14		A	1.8
2	☐	1.000					
3	☐	1.000		1944697.85		A	1.7
4	☐	1.000		1959247.94		A	1.5
5	☐	1.000		1948067.31		A	0.4
6	☐	1.000		1998148.90		A	0.4
7	☐	1.000		2035844.55		A	1.2
8	☐	1.000		2035462.77		A	0.9
9	☐	1.000		1987555.52		A	0.5
10	☐	1.000					

89 Y (ISTD) [He]

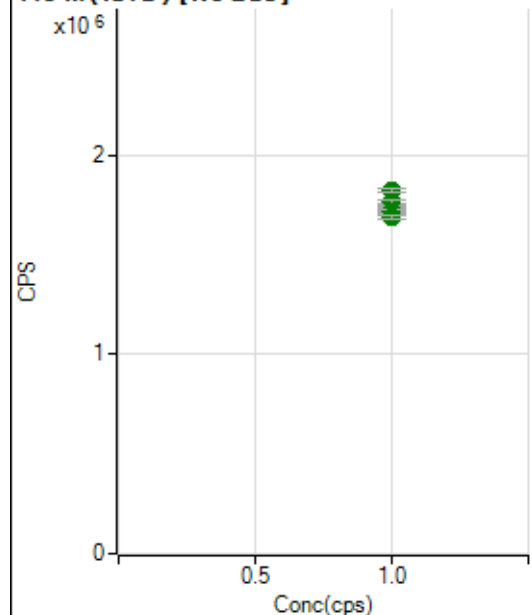
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		496024.12		P	5.4
2	☐	1.000					
3	☐	1.000		509260.03		P	0.3
4	☐	1.000		523450.53		P	0.1
5	☐	1.000		519993.47		P	1.1
6	☐	1.000		521143.39		P	0.9
7	☐	1.000		519590.51		P	2.0
8	☐	1.000		523095.61		P	0.6
9	☐	1.000		485016.82		P	3.5
10	☐	1.000					

103 Rh (ISTD) [No Gas]

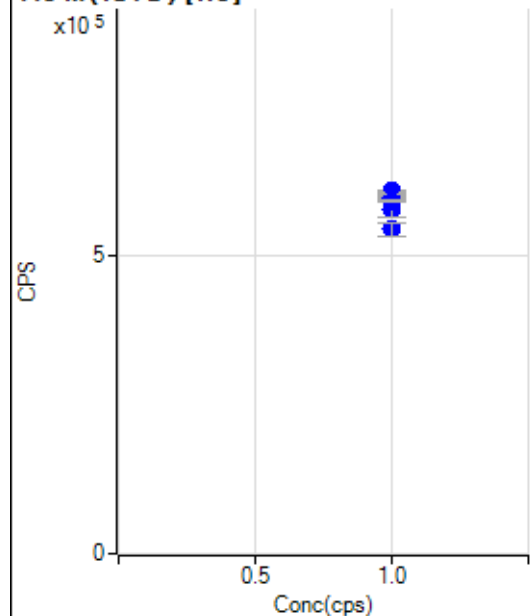
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1803417.70		A	1.5
2	☐	1.000					
3	☐	1.000		1722911.43		A	1.8
4	☐	1.000		1714043.38		A	0.2
5	☐	1.000		1693699.48		A	1.0
6	☐	1.000		1684680.22		A	0.6
7	☐	1.000		1705688.69		A	1.0
8	☐	1.000		1685597.80		A	0.2
9	☐	1.000		1604737.59		A	0.5
10	☐	1.000					

103 Rh (ISTD) [He]

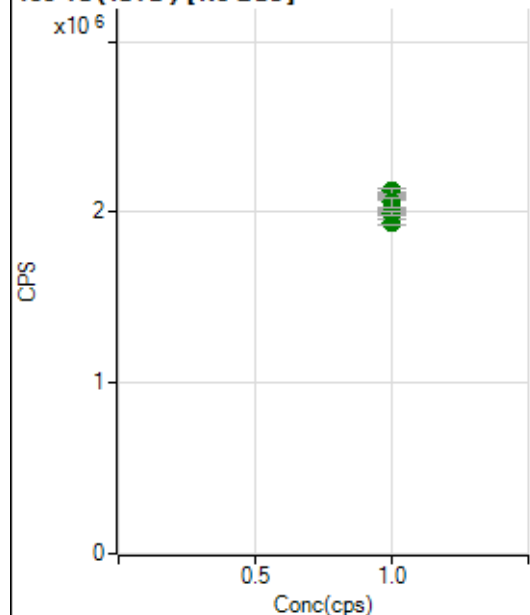
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1360126.36		P	5.0
2	☐	1.000					
3	☐	1.000		1394788.03		P	0.8
4	☐	1.000		1415201.85		P	0.4
5	☐	1.000		1417402.43		P	0.6
6	☐	1.000		1394126.30		P	0.5
7	☐	1.000		1388500.00		M	1.5
8	☐	1.000		1377122.90		P	0.3
9	☐	1.000		1237447.53		M	4.1
10	☐	1.000					

115 In (ISTD) [No Gas]

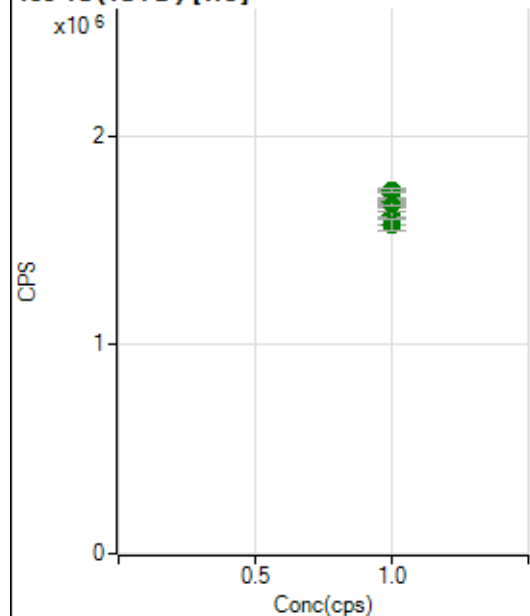
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1818841.53		A	0.9
2	☐	1.000					
3	☐	1.000		1719673.87		A	0.2
4	☐	1.000		1729270.45		A	0.1
5	☐	1.000		1735414.93		A	0.9
6	☐	1.000		1741878.94		A	1.0
7	☐	1.000		1760238.14		A	1.4
8	☐	1.000		1713866.71		A	1.3
9	☐	1.000		1685445.32		A	1.0
10	☐	1.000					

115 In (ISTD) [He]

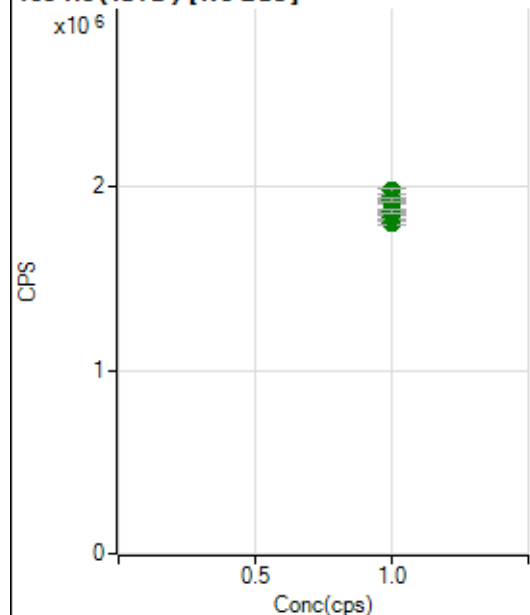
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		577897.15		P	5.1
2	☐	1.000					
3	☐	1.000		593530.28		P	0.8
4	☐	1.000		606405.21		P	0.3
5	☐	1.000		607630.47		P	0.6
6	☐	1.000		602690.91		P	0.8
7	☐	1.000		596375.68		P	2.0
8	☐	1.000		590705.71		P	0.5
9	☐	1.000		544115.68		P	4.1
10	☐	1.000					

159 Tb (ISTD) [No Gas]

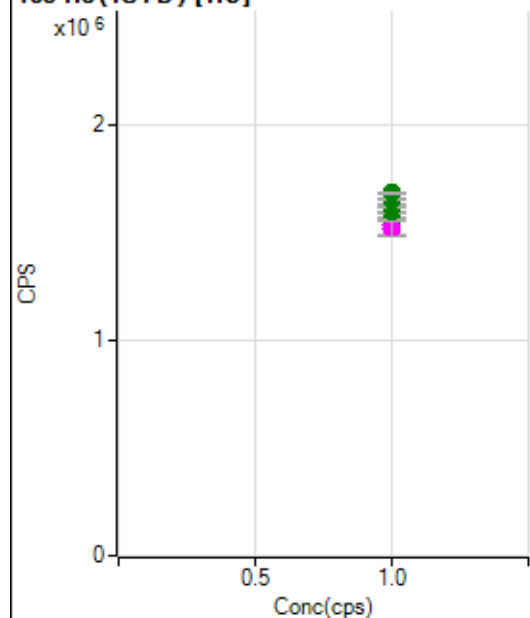
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2079676.20		A	0.8
2	☐	1.000					
3	☐	1.000		1939015.95		A	1.9
4	☐	1.000		1976763.18		A	1.9
5	☐	1.000		2004137.56		A	1.5
6	☐	1.000		1989948.10		A	1.1
7	☐	1.000		2105798.75		A	1.0
8	☐	1.000		2124260.54		A	1.4
9	☐	1.000		2057289.22		A	2.6
10	☐	1.000					

159 Tb (ISTD) [He]

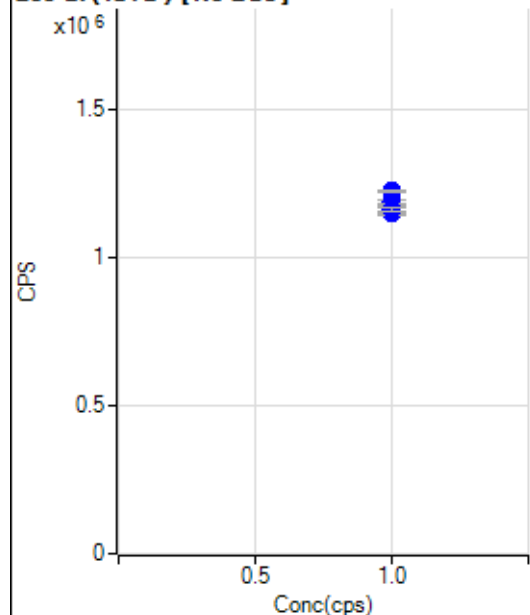
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1615496.54		A	5.1
2	☐	1.000					
3	☐	1.000		1624219.04		A	1.3
4	☐	1.000		1674792.32		A	0.3
5	☐	1.000		1693481.03		A	0.6
6	☐	1.000		1682788.29		A	1.5
7	☐	1.000		1719386.40		A	1.9
8	☐	1.000		1737193.46		A	1.0
9	☐	1.000		1575307.46		A	3.6
10	☐	1.000					

165 Ho (ISTD) [No Gas]

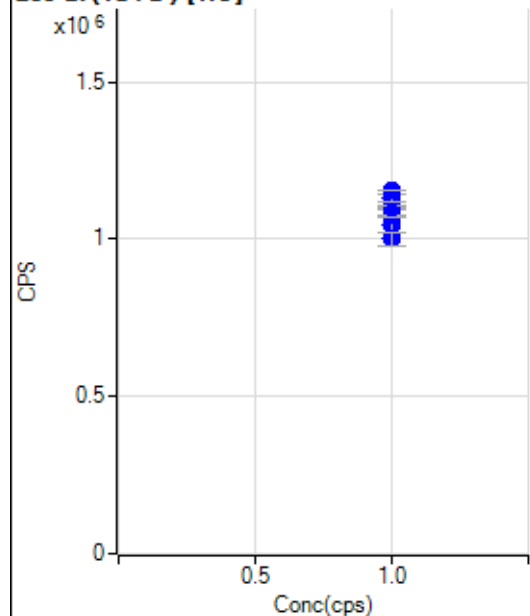
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1922616.17		A	1.1
2	☐	1.000					
3	☐	1.000		1808150.21		A	1.1
4	☐	1.000		1837782.07		A	0.9
5	☐	1.000		1857583.09		A	0.6
6	☐	1.000		1868785.87		A	0.8
7	☐	1.000		1951869.66		A	0.6
8	☐	1.000		1980210.79		A	1.5
9	☐	1.000		1932115.67		A	1.0
10	☐	1.000					

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1530276.47		M	5.3
2	☐	1.000					
3	☐	1.000		1558826.66		A	0.2
4	☐	1.000		1591962.27		A	0.6
5	☐	1.000		1629051.23		A	0.3
6	☐	1.000		1617609.63		A	0.3
7	☐	1.000		1649675.50		A	0.6
8	☐	1.000		1681563.98		A	0.6
9	☐	1.000		1517309.82		M	4.8
10	☐	1.000					

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1188481.34		P	0.8
2	☐	1.000					
3	☐	1.000		1147277.34		P	0.6
4	☐	1.000		1170259.27		P	0.2
5	☐	1.000		1176081.73		P	0.0
6	☐	1.000		1180772.21		P	0.7
7	☐	1.000		1222537.10		P	0.3
8	☐	1.000		1225138.02		P	0.5
9	☐	1.000		1164955.04		P	1.2
10	☐	1.000					

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1046691.39		P	5.4
2	☐	1.000					
3	☐	1.000		1073936.77		P	0.2
4	☐	1.000		1098783.39		P	0.7
5	☐	1.000		1107224.65		P	0.4
6	☐	1.000		1109499.18		P	0.1
7	☐	1.000		1128421.48		P	2.2
8	☐	1.000		1153884.34		P	0.2
9	☐	1.000		1000695.58		P	4.4
10	☐	1.000					

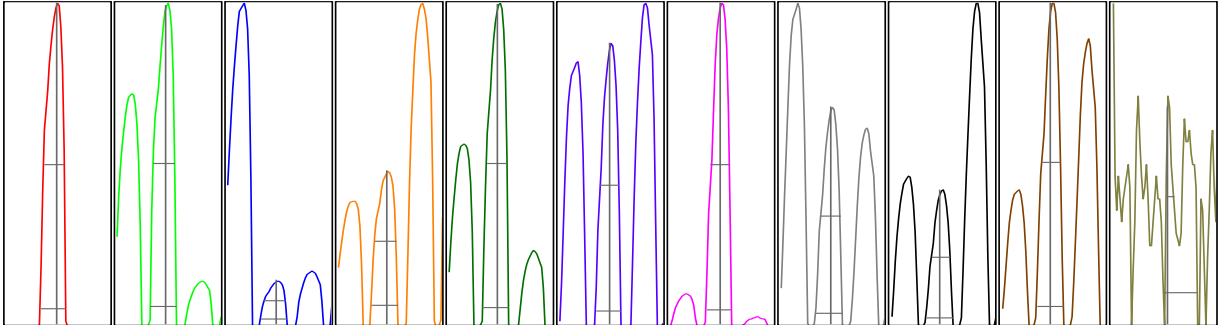
US EPA Tune Check Sample Report

Batch Folder D:\P8060219 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	2456	3.36	5.00	
24	22356	3.56	5.00	
25	3219	3.16	5.00	
26	4025	3.38	5.00	
59	19765	3.91	5.00	
113	2569	3.39	5.00	
115	29809	3.50	5.00	
206	5842	2.55	5.00	
207	5299	3.15	5.00	
208	12502	2.78	5.00	
220	1	27.99		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	2310	2477	2501	2498	2496
24	20952	22481	22813	22752	22784
25	3039	3245	3267	3286	3259
26	3786	4043	4109	4102	4086
59	18403	19889	20119	20201	20212
113	2420	2564	2606	2624	2630
115	27989	29864	30328	30373	30489
206	5588	5844	5915	5895	5968
207	5005	5327	5382	5410	5372
208	11896	12537	12636	12727	12715
220	0	0	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	4484	9.00	8.9 - 9.1		0.733	0.900	
24	39528	23.95	23.9 - 24.1		0.738	0.900	
25	5467	24.95	24.9 - 25.1		0.749	0.900	
26	6732	25.95	25.9 - 26.1		0.754	0.900	
59	35587	58.95	58.9 - 59.1		0.736	0.900	
113	4957	113.00	112.9 - 113.1		0.727	0.900	
115	57783	115.00	114.9 - 115.1		0.730	0.900	
206	11174	206.00	205.9 - 206.1		0.762	0.900	
207	10037	206.95	206.9 - 207.1		0.771	0.900	
208	23957	207.95	207.9 - 208.1		0.773	0.900	
220	1	220.15	-		0.927		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 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	13.0	V	Deflect	14.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-50	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	4.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8305	2.41	
89	8298	2.06	
205	7343	0.92	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8011	8264	8311	8372	8566
89	8023	8332	8286	8357	8489
205	7241	7321	7349	7384	7418

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	13.0	V	Deflect	2.8	V
Extract 2	-250.0	V	Cell Entrance	-50	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-70	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	4.5	mL/min	OctP RF	200	V			

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 13:37:29 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	-0.51	-0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.02	-0.02	0.00	0.00	N/A	ppb
Barium	137-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.00	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.09	-0.21	0.29	0.00	N/A	ppb
Boron	11-1	0.08	0.04	-0.12	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.09	0.09	0.00	N/A	ppb
Cadmium	106-1	0.01	-1.26	1.26	0.00	N/A	ppb
Cadmium	108-1	0.03	0.03	-0.07	0.00	N/A	ppb
Calcium	43-1	-1.68	10.90	-9.21	0.00	N/A	ppb
Calcium	44-1	-2.44	-1.85	4.29	0.00	N/A	ppb
Chromium	52-2	0.12	-0.13	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.05	0.02	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	0.12	-0.12	0.01	0.00	N/A	ppb
Iron	57-2	-0.13	1.10	-0.96	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	0.05	-0.03	0.00	N/A	ppb
Lead	207-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Lead	208-1	-0.02	0.03	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.28	0.37	-0.09	0.00	N/A	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:37:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	-0.01	0.03	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.04	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.02	0.00	N/A	ppb
Phosphorus	31-2	20.20	-62.59	-17.44	-19.95		ppb
Potassium	39-2	18.05	-19.29	1.24	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	0.43	0.26	-0.68	0.00	N/A	ppb
Selenium	82-1	-1.68	0.43	1.25	0.00	N/A	ppb
Silicon	28-1	-64.22	-41.44	-41.76	-49.14		ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	2.71	-2.21	-0.51	0.00	N/A	ppb
Strontium	86-1	-0.06	0.06	0.00	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-819.00	-727.22	-657.37	-734.53		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.02	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	N/A	ppb
Tin	118-1	-0.03	-0.01	0.03	0.00	N/A	ppb
Titanium	47-1	-0.21	0.37	-0.16	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	0.02	-0.02	0.00	N/A	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:37:29	DataFile Name :	003CALB.d

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

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:45:19	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.14	19.20	20.46	18.94	8.84	ppb
Antimony	121-1	1.98	1.80	1.90	1.89	4.87	ppb
Arsenic	75-2	0.81	0.83	0.90	0.85	5.15	ppb
Barium	135-1	10.22	10.48	9.90	10.20	2.81	ppb
Barium	137-1	10.08	10.43	10.12	10.21	1.87	ppb
Beryllium	9-1	1.00	0.95	0.82	0.92	10.20	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	10-1	25.09	19.57	24.34	23.00	13.02	ppb
Boron	11-1	22.05	22.57	21.13	21.92	3.31	ppb
Cadmium	111-1	1.28	0.96	1.01	1.08	15.85	ppb
Cadmium	106-1	3.14	1.38	1.97	2.17	41.38	ppb
Cadmium	108-1	1.45	0.46	0.98	0.96	51.22	ppb
Calcium	43-1	529.83	519.80	440.20	496.61	9.89	ppb
Calcium	44-1	501.59	515.20	484.95	500.58	3.03	ppb
Chromium	52-2	1.98	1.92	1.83	1.91	3.94	ppb
Cobalt	59-2	0.97	0.97	0.94	0.96	2.07	ppb
Copper	63-2	1.90	1.96	1.98	1.95	2.03	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				94		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				103		%
Iron	56-2	50.09	50.88	49.59	50.19	1.29	ppb
Iron	57-2	45.28	49.95	52.20	49.14	7.19	ppb
Krypton	83-1						cps
Lead	206-1	1.00	0.79	0.96	0.92	12.21	ppb
Lead	207-1	0.92	0.84	0.80	0.85	7.43	ppb
Lead	208-1	0.97	0.81	0.86	0.88	9.20	ppb
Lithium	6-1				91		%
Magnesium	24-2	494.02	480.70	479.56	484.76	1.66	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:45:19	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	1.13	1.01	1.08	5.73	ppb
Molybdenum	94-1	4.92	4.98	5.19	5.03	2.87	ppb
Molybdenum	95-1	5.33	5.01	5.28	5.21	3.31	ppb
Molybdenum	96-1	4.75	5.15	5.03	4.98	4.11	ppb
Molybdenum	97-1	4.98	5.08	5.68	5.25	7.29	ppb
Molybdenum	98-1	5.22	5.29	4.78	5.10	5.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.16	0.93	1.04	10.87	ppb
Phosphorus	31-2	-12.45	9.70	62.58	19.95	193.26	ppb
Potassium	39-2	475.15	460.59	469.02	468.26	1.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				94		%
Scandium	45-2				105		%
Selenium	77-2	4.07	3.07	9.22	5.45	60.45	ppb
Selenium	78-2	6.11	3.86	4.97	4.98	22.59	ppb
Selenium	82-1	4.42	4.13	2.15	3.56	34.66	ppb
Silicon	28-1	26.13	65.01	6.67	32.60	91.10	ppb
Silver	109-1	0.95	0.95	1.06	0.99	5.93	ppb
Silver	107-1	1.04	0.97	0.93	0.98	5.67	ppb
Sodium	23-2	446.60	452.71	450.88	450.06	0.70	ppb
Strontium	86-1	1.12	0.56	0.94	0.87	32.79	ppb
Strontium	88-1	0.97	0.93	0.97	0.95	2.31	ppb
Sulfur	34-1	506.63	890.55	704.92	700.70	27.40	ppb
Terbium	159-1				93		%
Terbium	159-2				101		%
Thallium	203-1	0.94	1.01	0.93	0.96	4.21	ppb
Thallium	205-1	0.94	0.90	0.93	0.92	2.55	ppb
Tin	118-1	5.17	5.18	5.14	5.17	0.43	ppb
Titanium	47-1	5.25	5.50	5.59	5.45	3.27	ppb
Uranium	238-1	0.96	0.88	0.93	0.92	4.43	ppb
Vanadium	51-2	5.12	4.96	5.03	5.04	1.59	ppb
Yttrium	89-1				93		%
Yttrium	89-2				103		%
Zinc	66-2	2.35	2.17	2.07	2.19	6.54	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:45:19	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.98	1.01	0.96	5.77	ppb
Zirconium	91-1	1.07	0.90	0.87	0.95	11.82	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:49:21	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	932.67	944.35	910.41	929.14	1.86	ppb
Antimony	121-1	52.84	51.27	52.84	52.32	1.73	ppb
Arsenic	75-2	49.62	51.25	50.34	50.40	1.61	ppb
Barium	135-1	267.70	257.04	264.19	262.98	2.07	ppb
Barium	137-1	266.65	253.08	261.44	260.39	2.63	ppb
Beryllium	9-1	49.54	49.29	50.21	49.68	0.95	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Boron	10-1	49.85	50.15	49.97	49.99	0.30	ppb
Boron	11-1	45.38	46.71	48.50	46.86	3.34	ppb
Cadmium	111-1	53.86	51.12	52.93	52.64	2.64	ppb
Cadmium	106-1	57.08	56.86	49.92	54.62	7.46	ppb
Cadmium	108-1	53.93	50.21	53.85	52.66	4.03	ppb
Calcium	43-1	5007.47	5038.32	4924.85	4990.21	1.18	ppb
Calcium	44-1	4984.21	5102.18	5071.48	5052.62	1.21	ppb
Chromium	52-2	50.46	50.77	50.91	50.71	0.46	ppb
Cobalt	59-2	50.49	50.22	50.25	50.32	0.29	ppb
Copper	63-2	103.91	102.02	102.62	102.85	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				104		%
Indium	115-1				95		%
Indium	115-2				105		%
Iron	56-2	2541.00	2511.32	2523.91	2525.41	0.59	ppb
Iron	57-2	2514.67	2470.60	2497.79	2494.35	0.89	ppb
Krypton	83-1						cps
Lead	206-1	50.08	50.50	50.20	50.26	0.42	ppb
Lead	207-1	50.03	49.48	49.29	49.60	0.78	ppb
Lead	208-1	49.26	49.05	49.11	49.14	0.22	ppb
Lithium	6-1				89		%
Magnesium	24-2	4988.65	4998.95	4965.75	4984.45	0.34	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:49:21	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.62	101.79	102.47	101.96	0.44	ppb
Molybdenum	94-1	256.34	258.08	264.27	259.56	1.60	ppb
Molybdenum	95-1	255.51	260.84	255.70	257.35	1.17	ppb
Molybdenum	96-1	252.89	261.39	255.23	256.50	1.71	ppb
Molybdenum	97-1	249.77	256.65	261.51	255.97	2.30	ppb
Molybdenum	98-1	253.45	260.20	262.03	258.56	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.46	51.10	51.83	51.80	1.31	ppb
Phosphorus	31-2	949.64	1048.08	1002.37	1000.03	4.93	ppb
Potassium	39-2	2498.49	2480.13	2480.96	2486.53	0.42	ppb
Rhodium	103-1				95		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				107		%
Selenium	77-2	47.80	54.64	47.71	50.05	7.94	ppb
Selenium	78-2	53.82	49.65	48.35	50.60	5.64	ppb
Selenium	82-1	53.50	55.09	49.62	52.74	5.34	ppb
Silicon	28-1	13.17	57.09	52.68	40.98	59.03	ppb
Silver	109-1	52.85	52.61	54.00	53.15	1.39	ppb
Silver	107-1	53.53	53.10	53.88	53.51	0.73	ppb
Sodium	23-2	4823.05	4789.11	4794.43	4802.20	0.38	ppb
Strontium	86-1	48.22	49.58	51.68	49.83	3.50	ppb
Strontium	88-1	50.97	52.25	52.04	51.75	1.33	ppb
Sulfur	34-1	755.59	1416.94	1372.07	1181.53	31.28	ppb
Terbium	159-1				95		%
Terbium	159-2				104		%
Thallium	203-1	50.52	48.96	48.74	49.40	1.97	ppb
Thallium	205-1	50.45	49.77	49.41	49.88	1.06	ppb
Tin	118-1	51.33	50.91	52.39	51.54	1.48	ppb
Titanium	47-1	249.58	252.58	250.91	251.02	0.60	ppb
Uranium	238-1	48.89	48.51	48.11	48.50	0.80	ppb
Vanadium	51-2	50.18	49.99	48.85	49.68	1.45	ppb
Yttrium	89-1				94		%
Yttrium	89-2				106		%
Zinc	66-2	101.04	100.89	103.01	101.64	1.16	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:49:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.57	51.41	50.44	50.48	1.82	ppb
Zirconium	91-1	48.77	52.02	50.81	50.53	3.26	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:53:22	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2296.84	2279.75	2257.45	2278.01	0.87	ppb
Antimony	121-1	128.10	132.57	127.77	129.48	2.07	ppb
Arsenic	75-2	127.58	129.15	125.85	127.53	1.29	ppb
Barium	135-1	639.70	654.52	645.07	646.43	1.16	ppb
Barium	137-1	633.11	657.89	644.99	645.33	1.92	ppb
Beryllium	9-1	124.87	124.57	124.37	124.60	0.20	ppb
Bismuth	209-1				99		%
Bismuth	209-2				106		%
Boron	10-1	123.43	117.53	124.62	121.86	3.12	ppb
Boron	11-1	119.59	120.34	122.53	120.82	1.27	ppb
Cadmium	111-1	128.78	133.86	128.15	130.27	2.40	ppb
Cadmium	106-1	121.71	135.93	125.68	127.77	5.74	ppb
Cadmium	108-1	125.48	131.40	138.00	131.62	4.76	ppb
Calcium	43-1	12658.12	12218.99	12382.61	12419.90	1.79	ppb
Calcium	44-1	12520.21	12238.18	12495.58	12417.99	1.26	ppb
Chromium	52-2	126.10	126.66	124.83	125.86	0.74	ppb
Cobalt	59-2	125.04	126.43	126.03	125.83	0.57	ppb
Copper	63-2	253.87	254.81	251.68	253.45	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				106		%
Indium	115-1				95		%
Indium	115-2				105		%
Iron	56-2	6210.25	6245.25	6170.46	6208.65	0.60	ppb
Iron	57-2	6241.66	6217.31	6224.45	6227.81	0.20	ppb
Krypton	83-1						cps
Lead	206-1	123.89	122.61	123.26	123.25	0.52	ppb
Lead	207-1	124.41	122.08	123.53	123.34	0.95	ppb
Lead	208-1	122.36	122.28	121.86	122.17	0.22	ppb
Lithium	6-1				88		%
Magnesium	24-2	12516.90	12411.52	12305.46	12411.29	0.85	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:53:22	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.83	256.30	250.19	253.44	1.21	ppb
Molybdenum	94-1	641.53	647.47	648.95	645.98	0.61	ppb
Molybdenum	95-1	648.14	646.73	648.65	647.84	0.15	ppb
Molybdenum	96-1	643.51	640.74	640.79	641.68	0.25	ppb
Molybdenum	97-1	641.48	641.56	639.43	640.82	0.19	ppb
Molybdenum	98-1	647.92	652.11	657.22	652.42	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.90	129.51	126.84	128.42	1.09	ppb
Phosphorus	31-2	2502.08	2393.81	2487.15	2461.01	2.38	ppb
Potassium	39-2	6246.25	6177.95	6156.49	6193.56	0.76	ppb
Rhodium	103-1				94		%
Rhodium	103-2				104		%
Scandium	45-1				96		%
Scandium	45-2				108		%
Selenium	77-2	116.82	129.04	112.65	119.50	7.13	ppb
Selenium	78-2	134.63	123.17	131.95	129.92	4.61	ppb
Selenium	82-1	131.44	131.13	126.36	129.64	2.20	ppb
Silicon	28-1	150.15	154.41	147.89	150.82	2.20	ppb
Silver	109-1	129.74	133.89	132.42	132.02	1.59	ppb
Silver	107-1	127.75	134.01	130.94	130.90	2.39	ppb
Sodium	23-2	12279.27	11973.86	11346.17	11866.43	4.01	ppb
Strontium	86-1	127.47	127.25	127.61	127.45	0.14	ppb
Strontium	88-1	128.78	128.31	129.14	128.74	0.32	ppb
Sulfur	34-1	2848.13	2435.12	2196.18	2493.14	13.23	ppb
Terbium	159-1				96		%
Terbium	159-2				105		%
Thallium	203-1	125.20	124.83	124.18	124.74	0.41	ppb
Thallium	205-1	122.09	123.13	122.49	122.57	0.43	ppb
Tin	118-1	129.81	132.43	128.18	130.14	1.65	ppb
Titanium	47-1	633.02	629.30	629.58	630.64	0.33	ppb
Uranium	238-1	119.87	120.95	122.15	120.99	0.94	ppb
Vanadium	51-2	125.90	124.01	123.47	124.46	1.03	ppb
Yttrium	89-1				93		%
Yttrium	89-2				105		%
Zinc	66-2	255.38	255.26	253.38	254.67	0.44	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:53:22	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	128.59	127.81	129.09	128.50	0.50	ppb
Zirconium	91-1	127.48	128.12	128.09	127.89	0.28	ppb

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 13:57:22 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4591.01	4644.42	4573.41	4602.95	0.80	ppb
Antimony	121-1	261.31	265.52	263.94	263.59	0.81	ppb
Arsenic	75-2	250.37	252.05	251.36	251.26	0.34	ppb
Barium	135-1	1294.70	1311.63	1320.40	1308.91	1.00	ppb
Barium	137-1	1307.81	1306.12	1317.90	1310.61	0.49	ppb
Beryllium	9-1	250.20	254.47	250.39	251.69	0.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				106		%
Boron	10-1	254.75	250.06	252.00	252.27	0.94	ppb
Boron	11-1	248.89	251.89	251.68	250.82	0.67	ppb
Cadmium	111-1	260.60	262.57	263.65	262.27	0.59	ppb
Cadmium	106-1	264.29	269.60	254.23	262.71	2.97	ppb
Cadmium	108-1	263.04	261.73	259.46	261.41	0.69	ppb
Calcium	43-1	25082.78	25332.93	25625.83	25347.18	1.07	ppb
Calcium	44-1	24957.36	25155.98	24892.18	25001.84	0.55	ppb
Chromium	52-2	256.39	253.87	253.74	254.67	0.59	ppb
Cobalt	59-2	251.22	252.20	252.58	252.00	0.28	ppb
Copper	63-2	513.39	515.78	513.75	514.31	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				106		%
Indium	115-1				96		%
Indium	115-2				104		%
Iron	56-2	12471.18	12411.40	12434.10	12438.89	0.24	ppb
Iron	57-2	12407.57	12380.74	12465.68	12417.99	0.35	ppb
Krypton	83-1						cps
Lead	206-1	247.92	248.25	248.39	248.18	0.10	ppb
Lead	207-1	251.61	250.83	248.97	250.47	0.54	ppb
Lead	208-1	247.14	246.74	246.35	246.74	0.16	ppb
Lithium	6-1				87		%
Magnesium	24-2	24886.76	24873.38	25233.02	24997.72	0.82	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:57:22	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	512.89	512.76	509.37	511.67	0.39	ppb
Molybdenum	94-1	1291.69	1274.65	1275.22	1280.52	0.76	ppb
Molybdenum	95-1	1291.43	1283.02	1273.62	1282.69	0.69	ppb
Molybdenum	96-1	1286.19	1259.54	1232.82	1259.52	2.12	ppb
Molybdenum	97-1	1275.76	1257.51	1268.65	1267.30	0.73	ppb
Molybdenum	98-1	1263.93	1275.42	1252.34	1263.90	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.97	256.62	260.01	257.53	0.84	ppb
Phosphorus	31-2	4992.31	4922.08	4983.25	4965.88	0.77	ppb
Potassium	39-2	12465.73	12615.98	12461.52	12514.41	0.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				107		%
Selenium	77-2	240.34	228.54	263.53	244.14	7.29	ppb
Selenium	78-2	259.16	252.89	257.98	256.68	1.30	ppb
Selenium	82-1	255.10	252.35	249.42	252.29	1.13	ppb
Silicon	28-1	240.05	280.83	275.58	265.49	8.36	ppb
Silver	109-1	262.38	264.07	268.16	264.87	1.12	ppb
Silver	107-1	265.64	267.58	266.29	266.50	0.37	ppb
Sodium	23-2	23728.02	23555.16	24106.97	23796.72	1.19	ppb
Strontium	86-1	249.18	248.75	248.23	248.72	0.19	ppb
Strontium	88-1	255.00	257.38	253.21	255.20	0.82	ppb
Sulfur	34-1	4602.02	5097.11	4926.42	4875.18	5.16	ppb
Terbium	159-1				96		%
Terbium	159-2				104		%
Thallium	203-1	244.99	248.01	246.44	246.48	0.61	ppb
Thallium	205-1	247.04	253.51	246.18	248.91	1.61	ppb
Tin	118-1	261.38	264.35	263.75	263.16	0.60	ppb
Titanium	47-1	1247.98	1263.27	1258.90	1256.72	0.63	ppb
Uranium	238-1	247.05	250.28	248.52	248.62	0.65	ppb
Vanadium	51-2	250.90	249.67	252.13	250.90	0.49	ppb
Yttrium	89-1				96		%
Yttrium	89-2				105		%
Zinc	66-2	513.20	511.20	511.38	511.93	0.22	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:57:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	253.39	251.62	250.08	251.70	0.66	ppb
Zirconium	91-1	251.66	251.47	247.62	250.25	0.91	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:01:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9084.92	9354.97	9142.97	9194.29	1.55	ppb
Antimony	121-1	511.42	512.69	502.87	509.00	1.05	ppb
Arsenic	75-2	496.09	513.41	508.62	506.04	1.77	ppb
Barium	135-1	2556.08	2548.92	2491.36	2532.12	1.40	ppb
Barium	137-1	2536.09	2562.38	2514.91	2537.79	0.94	ppb
Beryllium	9-1	492.83	494.65	490.57	492.68	0.41	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	489.01	502.89	490.52	494.14	1.54	ppb
Boron	11-1	488.16	484.81	498.54	490.51	1.46	ppb
Cadmium	111-1	507.30	516.74	501.67	508.57	1.50	ppb
Cadmium	106-1	511.72	524.72	481.71	506.05	4.36	ppb
Cadmium	108-1	505.38	510.45	504.52	506.78	0.63	ppb
Calcium	43-1	50810.08	50444.99	50718.81	50657.96	0.38	ppb
Calcium	44-1	49802.49	49479.91	49963.26	49748.55	0.49	ppb
Chromium	52-2	498.61	512.67	501.15	504.14	1.49	ppb
Cobalt	59-2	495.92	506.52	499.84	500.76	1.07	ppb
Copper	63-2	991.79	1022.49	1010.15	1008.14	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				108		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	56-2	24034.49	24935.96	24445.71	24472.05	1.84	ppb
Iron	57-2	24505.26	25136.47	25028.44	24890.06	1.36	ppb
Krypton	83-1						cps
Lead	206-1	500.50	499.35	500.11	499.99	0.12	ppb
Lead	207-1	496.09	498.98	497.55	497.54	0.29	ppb
Lead	208-1	492.04	492.44	492.73	492.41	0.07	ppb
Lithium	6-1				91		%
Magnesium	24-2	48383.84	49000.88	49236.19	48873.64	0.90	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:01:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.76	1031.84	1007.02	1012.21	1.74	ppb
Molybdenum	94-1	2535.05	2500.16	2562.57	2532.59	1.24	ppb
Molybdenum	95-1	2524.11	2513.69	2545.40	2527.73	0.64	ppb
Molybdenum	96-1	2528.93	2486.32	2612.48	2542.58	2.52	ppb
Molybdenum	97-1	2526.66	2474.77	2545.44	2515.63	1.46	ppb
Molybdenum	98-1	2540.86	2463.42	2542.25	2515.51	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.15	512.02	511.68	507.95	1.33	ppb
Phosphorus	31-2	10147.73	10238.47	10241.14	10209.11	0.52	ppb
Potassium	39-2	24182.87	25193.02	24380.34	24585.41	2.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				107		%
Selenium	77-2	463.54	520.43	441.44	475.14	8.58	ppb
Selenium	78-2	487.36	518.82	503.69	503.29	3.13	ppb
Selenium	82-1	508.25	503.17	513.62	508.35	1.03	ppb
Silicon	28-1	495.75	484.90	526.10	502.25	4.25	ppb
Silver	109-1	508.81	515.45	505.39	509.88	1.00	ppb
Silver	107-1	508.09	514.45	503.67	508.74	1.07	ppb
Sodium	23-2	46024.30	47667.48	47649.37	47113.72	2.00	ppb
Strontium	86-1	494.14	492.48	512.02	499.54	2.17	ppb
Strontium	88-1	499.89	512.81	504.79	505.83	1.29	ppb
Sulfur	34-1	9931.55	10017.77	9816.57	9921.96	1.02	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	499.48	500.71	499.85	500.01	0.13	ppb
Thallium	205-1	507.60	497.76	506.39	503.92	1.06	ppb
Tin	118-1	508.48	507.76	500.76	505.66	0.84	ppb
Titanium	47-1	2552.89	2534.01	2538.57	2541.83	0.39	ppb
Uranium	238-1	504.79	494.57	492.55	497.30	1.32	ppb
Vanadium	51-2	498.26	503.33	501.38	500.99	0.51	ppb
Yttrium	89-1				98		%
Yttrium	89-2				105		%
Zinc	66-2	998.85	1026.23	1020.13	1015.07	1.42	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:01:18	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.63	502.40	517.14	509.06	1.47	ppb
Zirconium	91-1	501.32	492.88	508.68	500.96	1.58	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:05:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18394.51	18203.40	18487.82	18361.91	0.79	ppb
Antimony	121-1	975.07	995.66	1003.56	991.43	1.48	ppb
Arsenic	75-2	997.61	1004.25	987.14	996.33	0.87	ppb
Barium	135-1	4899.71	4945.67	5052.28	4965.89	1.58	ppb
Barium	137-1	4867.65	4925.15	5095.88	4962.89	2.39	ppb
Beryllium	9-1	1000.28	1010.85	998.78	1003.30	0.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				110		%
Boron	10-1	1003.01	996.19	1009.23	1002.81	0.65	ppb
Boron	11-1	995.72	997.34	1022.84	1005.30	1.51	ppb
Cadmium	111-1	985.79	980.58	1009.20	991.86	1.54	ppb
Cadmium	106-1	966.47	989.91	1023.28	993.22	2.87	ppb
Cadmium	108-1	992.16	991.46	994.77	992.80	0.18	ppb
Calcium	43-1	100828.47	100720.62	101217.68	100922.26	0.26	ppb
Calcium	44-1	98028.61	97063.08	97754.18	97615.29	0.51	ppb
Chromium	52-2	1002.02	987.16	1000.68	996.62	0.83	ppb
Cobalt	59-2	1020.88	985.77	990.34	999.00	1.91	ppb
Copper	63-2	2031.60	1975.07	1968.67	1991.78	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				110		%
Indium	115-1				94		%
Indium	115-2				102		%
Iron	56-2	48310.22	48353.19	48217.00	48293.47	0.14	ppb
Iron	57-2	49697.05	48822.76	48786.11	49101.97	1.05	ppb
Krypton	83-1						cps
Lead	206-1	1001.10	998.68	1002.21	1000.66	0.18	ppb
Lead	207-1	1002.69	996.52	1004.81	1001.34	0.43	ppb
Lead	208-1	1002.55	1004.32	1008.15	1005.01	0.29	ppb
Lithium	6-1				90		%
Magnesium	24-2	97543.29	96796.79	97027.41	97122.50	0.39	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:05:08	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2002.61	1979.82	1988.92	1990.45	0.58	ppb
Molybdenum	94-1	5038.49	5038.52	4841.94	4972.98	2.28	ppb
Molybdenum	95-1	5037.17	4973.61	4913.46	4974.75	1.24	ppb
Molybdenum	96-1	4996.95	4943.66	4981.19	4973.93	0.55	ppb
Molybdenum	97-1	4964.28	5039.59	4952.91	4985.59	0.94	ppb
Molybdenum	98-1	5028.46	4988.56	4937.75	4984.92	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.02	983.15	992.70	993.62	1.10	ppb
Phosphorus	31-2	19963.81	19663.92	20098.81	19908.85	1.12	ppb
Potassium	39-2	47883.47	47618.52	48543.37	48015.12	0.99	ppb
Rhodium	103-1				93		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				107		%
Selenium	77-2	961.60	990.58	1091.56	1014.58	6.72	ppb
Selenium	78-2	995.07	1001.83	991.22	996.04	0.54	ppb
Selenium	82-1	1003.57	997.88	982.18	994.54	1.11	ppb
Silicon	28-1	1008.58	987.10	980.33	992.00	1.49	ppb
Silver	109-1	980.25	979.27	1011.39	990.31	1.84	ppb
Silver	107-1	983.42	986.35	1002.01	990.59	1.01	ppb
Sodium	23-2	94451.44	93502.68	94493.49	94149.20	0.60	ppb
Strontium	86-1	1013.48	999.48	987.80	1000.25	1.29	ppb
Strontium	88-1	1002.58	992.29	990.82	995.23	0.64	ppb
Sulfur	34-1	20351.78	19905.95	19928.27	20062.00	1.25	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	1001.63	995.40	1005.78	1000.94	0.52	ppb
Thallium	205-1	995.27	1001.04	999.57	998.62	0.30	ppb
Tin	118-1	984.33	986.58	1008.57	993.16	1.35	ppb
Titanium	47-1	5018.11	4987.86	4924.01	4976.66	0.97	ppb
Uranium	238-1	1001.34	1004.56	1000.91	1002.27	0.20	ppb
Vanadium	51-2	1010.01	995.17	992.91	999.36	0.93	ppb
Yttrium	89-1				98		%
Yttrium	89-2				105		%
Zinc	66-2	2007.27	1966.16	1993.02	1988.82	1.05	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:05:08	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1002.06	999.64	982.05	994.58	1.10	ppb
Zirconium	91-1	1008.12	1001.53	987.55	999.07	1.05	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:08:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97440.81	103790.32	100071.77	100434.30	3.18	ppb
Antimony	121-1	1.18	1.34	1.20	1.24	7.26	ppb
Arsenic	75-2	1.56	1.68	1.42	1.55	8.49	ppb
Barium	135-1	0.72	1.00	0.81	0.84	16.86	ppb
Barium	137-1	0.77	0.76	0.93	0.82	11.71	ppb
Beryllium	9-1	0.22	0.16	0.18	0.19	16.29	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	26.88	24.19	23.55	24.88	7.11	ppb
Boron	11-1	26.45	25.49	24.15	25.36	4.55	ppb
Cadmium	111-1	0.20	0.19	-0.02	0.13	98.11	ppb
Cadmium	106-1	1.85	1.28	-0.96	0.72	205.07	ppb
Cadmium	108-1	0.32	0.13	0.34	0.27	43.28	ppb
Calcium	43-1	490034.83	507184.80	501983.86	499734.50	1.76	ppb
Calcium	44-1	500308.45	496772.08	504430.03	500503.52	0.77	ppb
Chromium	52-2	7.74	8.02	7.74	7.84	2.09	ppb
Cobalt	59-2	11.57	12.72	12.11	12.13	4.75	ppb
Copper	63-2	2.64	2.88	2.97	2.83	6.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	241027.00	260540.56	249626.25	250397.94	3.91	ppb
Iron	57-2	242958.78	258560.19	249066.96	250195.31	3.14	ppb
Krypton	83-1						cps
Lead	206-1	1.83	2.08	1.88	1.93	6.89	ppb
Lead	207-1	1.85	1.83	1.92	1.87	2.53	ppb
Lead	208-1	1.87	1.87	1.82	1.85	1.56	ppb
Lithium	6-1				94		%
Magnesium	24-2	488600.88	517851.37	495619.67	500690.64	3.05	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:08:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.84	8.58	8.14	8.19	4.52	ppb
Molybdenum	94-1	1.78	2.15	1.97	1.97	9.34	ppb
Molybdenum	95-1	2.40	2.38	2.34	2.37	1.32	ppb
Molybdenum	96-1	2.64	2.82	2.42	2.63	7.56	ppb
Molybdenum	97-1	2.39	2.15	2.22	2.25	5.49	ppb
Molybdenum	98-1	2.41	2.36	2.10	2.29	7.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.77	13.63	13.43	13.28	3.40	ppb
Phosphorus	31-2	-9.53	43.63	-58.42	-8.11		ppb
Potassium	39-2	244461.44	256824.97	250031.56	250439.32	2.47	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	2.08	0.00	0.00	0.69	173.21	ppb
Selenium	78-2	0.80	2.12	0.43	1.11	79.56	ppb
Selenium	82-1	1.71	0.10	0.76	0.86	94.50	ppb
Silicon	28-1	-124.36	-100.74	-103.76	-109.62		ppb
Silver	109-1	0.53	0.88	1.72	1.04	58.79	ppb
Silver	107-1	0.60	0.83	1.79	1.07	58.88	ppb
Sodium	23-2	484250.71	519485.84	500873.91	501536.82	3.51	ppb
Strontium	86-1	4.59	4.29	4.30	4.39	3.80	ppb
Strontium	88-1	4.36	4.24	4.50	4.37	2.92	ppb
Sulfur	34-1	937.92	1018.89	1452.90	1136.57	24.36	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.25	0.16	0.26	0.22	24.05	ppb
Thallium	205-1	0.19	0.20	0.19	0.20	4.05	ppb
Tin	118-1	0.62	0.54	0.56	0.58	7.16	ppb
Titanium	47-1	1.74	1.36	1.37	1.49	14.31	ppb
Uranium	238-1	0.08	0.07	0.06	0.07	11.39	ppb
Vanadium	51-2	0.18	0.18	0.23	0.20	14.76	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	20.68	21.09	20.93	20.90	1.01	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:08:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.27	0.25	0.26	4.42	ppb
Zirconium	91-1	0.28	0.24	0.23	0.25	10.23	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:43:06	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.34	459.43	462.42	469.40	3.14	ppb
Antimony	121-1	197.93	204.41	197.42	199.92	1.95	ppb
Arsenic	75-2	196.04	195.36	197.40	196.27	0.53	ppb
Barium	135-1	98.74	102.46	96.75	99.32	2.92	ppb
Barium	137-1	99.10	104.46	101.64	101.74	2.64	ppb
Beryllium	9-1	85.45	86.72	85.85	86.01	0.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				110		%
Boron	10-1	497.32	513.28	496.22	502.27	1.90	ppb
Boron	11-1	501.80	508.66	504.96	505.14	0.68	ppb
Cadmium	111-1	103.70	107.26	105.35	105.44	1.69	ppb
Cadmium	106-1	157.60	158.39	162.46	159.49	1.64	ppb
Cadmium	108-1	149.40	143.06	138.99	143.81	3.65	ppb
Calcium	43-1	2236.99	2224.88	2158.62	2206.83	1.91	ppb
Calcium	44-1	2166.28	2112.26	2092.82	2123.79	1.79	ppb
Chromium	52-2	97.85	95.71	94.46	96.01	1.79	ppb
Cobalt	59-2	98.96	99.17	97.91	98.68	0.69	ppb
Copper	63-2	102.05	100.66	99.59	100.77	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				109		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	975.68	958.85	953.61	962.71	1.20	ppb
Iron	57-2	992.44	964.79	973.76	977.00	1.44	ppb
Krypton	83-1						cps
Lead	206-1	202.48	201.66	202.00	202.05	0.20	ppb
Lead	207-1	193.05	196.56	192.92	194.18	1.06	ppb
Lead	208-1	195.95	196.71	193.10	195.25	0.97	ppb
Lithium	6-1				107		%
Magnesium	24-2	1180.21	1167.92	1169.96	1172.70	0.56	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:43:06	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.03	95.60	96.04	96.22	0.76	ppb
Molybdenum	94-1	2569.64	2554.03	2598.94	2574.20	0.89	ppb
Molybdenum	95-1	2459.24	2511.68	2509.63	2493.52	1.19	ppb
Molybdenum	96-1	2448.30	2462.82	2445.36	2452.16	0.38	ppb
Molybdenum	97-1	2459.41	2506.07	2455.94	2473.81	1.13	ppb
Molybdenum	98-1	2426.39	2503.26	2486.15	2471.93	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.24	100.90	102.08	102.07	1.15	ppb
Phosphorus	31-2	-16.19	-36.38	-43.22	-31.93		ppb
Potassium	39-2	1863.44	1822.17	1832.38	1839.33	1.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				108		%
Selenium	77-2	194.76	176.85	196.91	189.51	5.81	ppb
Selenium	78-2	194.14	191.92	194.46	193.51	0.72	ppb
Selenium	82-1	200.31	200.65	194.66	198.54	1.69	ppb
Silicon	28-1	497.52	445.70	458.27	467.16	5.79	ppb
Silver	109-1	101.30	105.22	103.58	103.37	1.90	ppb
Silver	107-1	103.01	105.85	101.62	103.49	2.08	ppb
Sodium	23-2	1893.72	1838.19	1792.93	1841.61	2.74	ppb
Strontium	86-1	550.51	561.57	546.19	552.76	1.44	ppb
Strontium	88-1	557.05	559.29	553.48	556.61	0.53	ppb
Sulfur	34-1	715.14	101.57	201.01	339.24	97.07	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	200.06	199.42	199.39	199.62	0.19	ppb
Thallium	205-1	201.36	201.22	201.43	201.34	0.05	ppb
Tin	118-1	531.40	545.20	527.73	534.78	1.72	ppb
Titanium	47-1	2426.00	2349.22	2377.42	2384.21	1.63	ppb
Uranium	238-1	506.74	520.03	502.75	509.84	1.77	ppb
Vanadium	51-2	95.50	93.81	93.89	94.40	1.01	ppb
Yttrium	89-1				100		%
Yttrium	89-2				106		%
Zinc	66-2	202.69	202.07	198.19	200.98	1.21	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:43:06	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	527.67	527.02	526.17	526.96	0.14	ppb
Zirconium	91-1	513.51	526.52	520.90	520.31	1.25	ppb

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 14:49:13 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	-0.20	-0.72	-0.31		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.73	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	975.56	ppb
Barium	135-1	-0.03	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.02	0.02	0.00		ppb
Beryllium	9-1	0.02	0.02	0.03	0.03	20.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				110		%
Boron	10-1	3.42	4.13	3.19	3.58	13.71	ppb
Boron	11-1	3.27	2.89	3.69	3.28	12.17	ppb
Cadmium	111-1	-0.21	0.00	0.14	-0.02		ppb
Cadmium	106-1	-2.93	0.23	2.06	-0.21		ppb
Cadmium	108-1	-0.07	0.24	0.23	0.13	129.22	ppb
Calcium	43-1	-24.94	-10.35	-22.42	-19.24		ppb
Calcium	44-1	-0.37	7.29	3.81	3.58	107.19	ppb
Chromium	52-2	-0.12	-0.11	-0.07	-0.10		ppb
Cobalt	59-2	-0.03	-0.01	0.00	-0.01		ppb
Copper	63-2	0.08	0.18	0.07	0.11	58.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	56-2	-0.12	-0.11	-0.11	-0.11		ppb
Iron	57-2	-3.09	-2.43	-1.79	-2.44		ppb
Krypton	83-1						cps
Lead	206-1	0.63	0.62	0.56	0.60	5.69	ppb
Lead	207-1	0.54	0.60	0.56	0.56	5.88	ppb
Lead	208-1	0.57	0.58	0.53	0.56	4.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.54	0.65	0.32	0.50	34.11	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:49:13	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.08	0.04	0.06	33.72	ppb
Molybdenum	94-1	0.12	0.05	0.05	0.07	61.43	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	55.95	ppb
Molybdenum	96-1	0.04	0.02	0.06	0.04	53.31	ppb
Molybdenum	97-1	0.01	0.02	0.07	0.04	91.01	ppb
Molybdenum	98-1	0.01	0.04	0.03	0.03	48.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	0.09	0.01	1370.51	ppb
Phosphorus	31-2	-31.70	-56.00	8.02	-26.56		ppb
Potassium	39-2	-28.99	-7.90	-25.83	-20.90		ppb
Rhodium	103-1				99		%
Rhodium	103-2				107		%
Scandium	45-1				100		%
Scandium	45-2				107		%
Selenium	77-2	1.97	0.00	0.00	0.66	173.21	ppb
Selenium	78-2	-0.23	-0.25	0.58	0.03	1549.65	ppb
Selenium	82-1	-1.49	0.59	0.14	-0.25		ppb
Silicon	28-1	-71.02	-85.62	-36.30	-64.32		ppb
Silver	109-1	0.06	0.05	0.05	0.06	16.26	ppb
Silver	107-1	0.05	0.05	0.04	0.04	14.14	ppb
Sodium	23-2	-2.76	-3.84	-8.77	-5.13		ppb
Strontium	86-1	0.02	0.09	0.02	0.04	92.42	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	40.21	ppb
Sulfur	34-1	261.52	15.33	-42.44	78.13	206.59	ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.01	-0.01	0.00	0.00	429.34	ppb
Thallium	205-1	0.00	0.01	0.00	0.00		ppb
Tin	118-1	0.01	0.03	0.03	0.02	53.13	ppb
Titanium	47-1	0.60	0.13	-0.16	0.19	198.63	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	132.82	ppb
Yttrium	89-1				97		%
Yttrium	89-2				106		%
Zinc	66-2	0.23	0.26	0.23	0.24	7.02	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:49:13	DataFile Name :	015CCBE.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	0.01	0.01	-0.02	0.00	395.96	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:52:53	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81786.60	80285.51	81787.44	81286.52	1.07	ppb
Antimony	121-1	1.07	1.03	1.16	1.09	5.94	ppb
Arsenic	75-2	0.40	0.32	0.30	0.34	14.58	ppb
Barium	135-1	1.62	1.26	1.50	1.46	12.74	ppb
Barium	137-1	1.60	1.58	1.53	1.57	2.24	ppb
Beryllium	9-1	0.36	0.22	0.38	0.32	26.74	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Boron	10-1	3.54	4.24	2.43	3.40	26.77	ppb
Boron	11-1	4.06	4.18	4.28	4.17	2.66	ppb
Cadmium	111-1	0.46	0.32	0.21	0.33	38.72	ppb
Cadmium	106-1	-0.92	-0.48	-0.70	-0.70		ppb
Cadmium	108-1	7.91	6.93	9.45	8.09	15.71	ppb
Calcium	43-1	96034.17	94173.23	107787.73	99331.71	7.43	ppb
Calcium	44-1	93801.43	91149.36	107145.57	97365.45	8.80	ppb
Chromium	52-2	20.50	20.33	20.48	20.44	0.45	ppb
Cobalt	59-2	1.17	1.26	1.17	1.20	4.13	ppb
Copper	63-2	8.02	8.09	8.29	8.14	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				112		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	96198.16	95601.91	97160.11	96320.06	0.82	ppb
Iron	57-2	99632.69	100612.02	100221.83	100155.51	0.49	ppb
Krypton	83-1						cps
Lead	206-1	4.95	4.85	4.97	4.92	1.25	ppb
Lead	207-1	4.30	3.98	4.65	4.31	7.79	ppb
Lead	208-1	4.36	4.19	4.73	4.42	6.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	93537.11	94349.53	94798.55	94228.40	0.68	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:52:53	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.51	7.77	7.70	7.66	1.79	ppb
Molybdenum	94-1	1379.54	1295.26	1471.76	1382.19	6.39	ppb
Molybdenum	95-1	1960.50	1828.02	2117.97	1968.83	7.37	ppb
Molybdenum	96-1	1848.93	1788.41	2028.23	1888.52	6.60	ppb
Molybdenum	97-1	1924.36	1845.40	2093.04	1954.27	6.47	ppb
Molybdenum	98-1	1924.77	1821.07	2088.85	1944.90	6.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.71	5.38	5.48	3.79	ppb
Phosphorus	31-2	93654.22	93429.96	94239.90	93774.69	0.45	ppb
Potassium	39-2	91244.12	90972.78	92322.97	91513.29	0.78	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	0.30	-0.12	0.09	242.39	ppb
Selenium	82-1	-0.86	-0.23	-0.66	-0.58		ppb
Silicon	28-1	-168.46	-215.90	40.33	-114.68		ppb
Silver	109-1	0.11	0.07	0.12	0.10	28.69	ppb
Silver	107-1	0.09	0.09	0.09	0.09	2.56	ppb
Sodium	23-2	90294.99	90799.52	90472.51	90522.34	0.28	ppb
Strontium	86-1	33.12	33.31	36.27	34.23	5.16	ppb
Strontium	88-1	34.12	32.61	36.80	34.51	6.14	ppb
Sulfur	34-1	94477.08	92801.16	107789.93	98356.06	8.35	ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	-0.01	-0.03	-0.03	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.23	0.13	0.20	0.18	28.10	ppb
Titanium	47-1	1916.18	1837.29	2123.86	1959.11	7.56	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	64.62	ppb
Vanadium	51-2	0.11	0.17	0.11	0.13	25.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	12.18	13.03	12.22	12.48	3.86	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:52:53	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	-0.01	0.00	372.31	ppb
Zirconium	91-1	-0.01	0.07	0.00	0.02	228.01	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:56:30	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81794.94	81415.29	80249.16	81153.13	0.99	ppb
Antimony	121-1	20.62	20.70	20.30	20.54	1.03	ppb
Arsenic	75-2	18.88	19.03	19.15	19.02	0.71	ppb
Barium	135-1	21.50	21.19	20.79	21.16	1.67	ppb
Barium	137-1	21.99	21.22	20.86	21.36	2.71	ppb
Beryllium	9-1	19.22	19.53	19.48	19.41	0.87	ppb
Bismuth	209-1				110		%
Bismuth	209-2				112		%
Boron	10-1	57.97	58.88	63.08	59.98	4.54	ppb
Boron	11-1	59.75	61.86	59.50	60.37	2.14	ppb
Cadmium	111-1	19.93	20.15	18.80	19.63	3.69	ppb
Cadmium	106-1	24.07	21.11	25.02	23.40	8.72	ppb
Cadmium	108-1	29.27	28.34	32.62	30.08	7.49	ppb
Calcium	43-1	98175.61	98545.51	99471.76	98730.96	0.68	ppb
Calcium	44-1	96565.98	97260.37	98302.96	97376.44	0.90	ppb
Chromium	52-2	41.00	40.70	39.89	40.53	1.41	ppb
Cobalt	59-2	22.19	21.49	21.35	21.67	2.07	ppb
Copper	63-2	29.38	29.53	29.58	29.50	0.34	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				109		%
Holmium	165-2				112		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	97434.67	98398.21	97314.84	97715.90	0.61	ppb
Iron	57-2	100613.52	99581.07	100090.30	100094.96	0.52	ppb
Krypton	83-1						cps
Lead	206-1	24.70	25.07	24.69	24.82	0.87	ppb
Lead	207-1	22.65	22.57	23.05	22.76	1.13	ppb
Lead	208-1	23.18	23.40	23.53	23.37	0.75	ppb
Lithium	6-1				91		%
Magnesium	24-2	94918.05	92468.67	92171.64	93186.12	1.62	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:56:30	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.64	28.15	27.20	27.66	1.72	ppb
Molybdenum	94-1	1467.04	1487.43	1469.76	1474.75	0.75	ppb
Molybdenum	95-1	1976.47	2006.55	2009.89	1997.64	0.92	ppb
Molybdenum	96-1	1930.64	1917.69	1955.10	1934.48	0.98	ppb
Molybdenum	97-1	1966.07	1998.82	2008.03	1990.97	1.11	ppb
Molybdenum	98-1	1935.72	2012.13	1977.23	1975.03	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.38	26.38	25.86	26.21	1.14	ppb
Phosphorus	31-2	94288.79	94192.01	91401.47	93294.09	1.76	ppb
Potassium	39-2	92742.48	93137.16	91037.80	92305.82	1.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	19.29	10.16	15.31	14.92	30.68	ppb
Selenium	78-2	18.59	20.90	18.06	19.18	7.86	ppb
Selenium	82-1	19.37	18.48	20.14	19.33	4.28	ppb
Silicon	28-1	-105.28	-100.90	-83.13	-96.44		ppb
Silver	109-1	18.74	18.37	18.24	18.45	1.40	ppb
Silver	107-1	18.58	18.83	17.90	18.44	2.62	ppb
Sodium	23-2	92354.53	91956.60	89395.96	91235.70	1.76	ppb
Strontium	86-1	100.11	98.99	101.23	100.11	1.12	ppb
Strontium	88-1	100.80	101.24	101.77	101.27	0.48	ppb
Sulfur	34-1	95398.39	93855.20	94032.04	94428.54	0.89	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	20.02	20.38	19.63	20.01	1.85	ppb
Thallium	205-1	19.93	19.85	19.48	19.76	1.21	ppb
Tin	118-1	54.28	54.59	54.42	54.43	0.29	ppb
Titanium	47-1	1987.69	2004.42	2036.09	2009.40	1.22	ppb
Uranium	238-1	54.93	55.30	54.85	55.02	0.44	ppb
Vanadium	51-2	19.77	19.81	19.54	19.70	0.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	34.40	33.97	34.38	34.25	0.70	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:56:30	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	54.04	53.93	54.70	54.22	0.77	ppb
Zirconium	91-1	54.31	55.06	56.24	55.20	1.76	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:00:06	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49718.30	50061.43	48809.01	49529.58	1.31	ppb
Antimony	121-1	547.58	506.12	497.05	516.92	5.21	ppb
Arsenic	75-2	498.68	497.88	495.34	497.30	0.35	ppb
Barium	135-1	2737.96	2567.05	2538.84	2614.62	4.12	ppb
Barium	137-1	2726.30	2550.39	2509.85	2595.52	4.43	ppb
Beryllium	9-1	528.72	497.10	491.60	505.81	3.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Boron	10-1	540.92	508.02	490.59	513.18	4.98	ppb
Boron	11-1	515.99	490.65	501.53	502.73	2.53	ppb
Cadmium	111-1	530.60	495.21	488.69	504.83	4.47	ppb
Cadmium	106-1	523.44	511.09	507.13	513.89	1.65	ppb
Cadmium	108-1	538.96	489.53	491.63	506.70	5.52	ppb
Calcium	43-1	267190.78	245656.15	240560.75	251135.90	5.63	ppb
Calcium	44-1	259629.53	241296.55	234300.72	245075.60	5.34	ppb
Chromium	52-2	521.56	515.59	512.08	516.41	0.93	ppb
Cobalt	59-2	517.08	510.93	505.27	511.09	1.16	ppb
Copper	63-2	1020.22	1009.07	991.65	1006.98	1.43	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				111		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	56-2	122345.44	122018.57	119589.35	121317.79	1.24	ppb
Iron	57-2	125041.81	125023.49	122797.22	124287.51	1.04	ppb
Krypton	83-1						cps
Lead	206-1	535.21	508.84	504.20	516.08	3.24	ppb
Lead	207-1	540.75	505.02	505.73	517.17	3.95	ppb
Lead	208-1	531.75	503.68	499.96	511.79	3.40	ppb
Lithium	6-1				90		%
Magnesium	24-2	230800.02	232412.36	229628.26	230946.88	0.61	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:00:06	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1046.78	1026.98	1017.87	1030.54	1.43	ppb
Molybdenum	94-1	2759.82	2620.73	2517.19	2632.58	4.62	ppb
Molybdenum	95-1	2746.63	2585.65	2580.26	2637.51	3.58	ppb
Molybdenum	96-1	2754.48	2629.84	2583.69	2656.00	3.33	ppb
Molybdenum	97-1	2694.72	2590.59	2511.56	2598.95	3.53	ppb
Molybdenum	98-1	2740.41	2613.87	2522.64	2625.64	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.00	513.84	514.23	517.02	1.00	ppb
Phosphorus	31-2	10190.40	9788.07	9507.42	9828.63	3.49	ppb
Potassium	39-2	118927.51	118781.28	117628.01	118445.60	0.60	ppb
Rhodium	103-1				93		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				104		%
Selenium	77-2	463.80	497.90	490.12	483.94	3.69	ppb
Selenium	78-2	489.94	494.60	499.02	494.52	0.92	ppb
Selenium	82-1	531.98	498.45	496.94	509.12	3.89	ppb
Silicon	28-1	569.21	369.86	341.15	426.74	29.11	ppb
Silver	109-1	524.72	491.29	484.64	500.22	4.29	ppb
Silver	107-1	528.35	492.17	490.60	503.70	4.24	ppb
Sodium	23-2	225766.96	227130.95	221142.16	224680.03	1.40	ppb
Strontium	86-1	541.90	508.06	500.73	516.90	4.25	ppb
Strontium	88-1	533.30	521.82	505.82	520.31	2.65	ppb
Sulfur	34-1	9840.36	8383.12	7405.95	8543.14	14.34	ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	533.62	510.52	502.95	515.69	3.10	ppb
Thallium	205-1	537.62	514.09	505.39	519.03	3.21	ppb
Tin	118-1	542.00	505.30	498.75	515.35	4.52	ppb
Titanium	47-1	2756.32	2573.64	2495.09	2608.35	5.14	ppb
Uranium	238-1	563.08	535.64	521.69	540.14	3.90	ppb
Vanadium	51-2	522.22	512.61	511.28	515.37	1.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				105		%
Zinc	66-2	1036.42	1035.67	1017.70	1029.93	1.03	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:00:06	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	548.45	518.92	517.74	528.37	3.29	ppb
Zirconium	91-1	550.26	517.46	500.63	522.79	4.83	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:09:05	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	0.40	0.63	0.53	21.36	ppb
Antimony	121-1	0.05	0.03	0.04	0.04	25.64	ppb
Arsenic	75-2	0.01	0.00	0.03	0.01	166.72	ppb
Barium	135-1	-0.02	0.01	-0.03	-0.01		ppb
Barium	137-1	0.00	0.03	0.02	0.02	104.35	ppb
Beryllium	9-1	0.03	0.02	0.02	0.03	16.48	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Boron	10-1	4.16	3.83	5.12	4.37	15.38	ppb
Boron	11-1	3.79	3.13	4.12	3.68	13.68	ppb
Cadmium	111-1	-0.13	-0.01	-0.09	-0.08		ppb
Cadmium	106-1	-1.91	-0.13	-1.34	-1.12		ppb
Cadmium	108-1	0.12	0.12	-0.07	0.06	184.89	ppb
Calcium	43-1	-16.33	-22.46	-2.97	-13.92		ppb
Calcium	44-1	-3.36	2.77	4.67	1.36	307.66	ppb
Chromium	52-2	0.06	-0.08	0.01	-0.01		ppb
Cobalt	59-2	0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.08	0.07	0.06	0.07	11.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	1.83	1.87	1.96	1.89	3.70	ppb
Iron	57-2	-0.40	0.81	0.60	0.34	193.23	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.19	0.12	0.17	25.32	ppb
Lead	207-1	0.14	0.12	0.23	0.16	37.10	ppb
Lead	208-1	0.14	0.14	0.16	0.15	8.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	6.11	4.43	5.13	5.22	16.20	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:09:05	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.02	0.05	0.01	237.84	ppb
Molybdenum	94-1	0.10	0.08	0.05	0.08	37.69	ppb
Molybdenum	95-1	0.01	0.00	0.03	0.01	100.61	ppb
Molybdenum	96-1	0.03	0.04	0.02	0.03	27.26	ppb
Molybdenum	97-1	0.02	-0.04	0.00	-0.01		ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	4.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.03	0.00	1029.49	ppb
Phosphorus	31-2	-41.54	-22.40	-15.28	-26.41		ppb
Potassium	39-2	-22.13	-19.42	-20.00	-20.51		ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.59	-0.45	0.27	-0.26		ppb
Selenium	82-1	-1.03	-1.14	-1.25	-1.14		ppb
Silicon	28-1	-150.26	-163.87	-42.53	-118.89		ppb
Silver	109-1	0.07	0.07	0.07	0.07	4.89	ppb
Silver	107-1	0.09	0.08	0.10	0.09	13.56	ppb
Sodium	23-2	43.57	44.92	44.34	44.28	1.53	ppb
Strontium	86-1	-0.06	-0.11	0.04	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	53.19	ppb
Sulfur	34-1	-1676.37	-1456.23	-802.87	-1311.82		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.00	0.02	0.01	89.10	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	43.86	ppb
Tin	118-1	0.02	0.06	0.03	0.03	59.37	ppb
Titanium	47-1	-0.18	-0.06	0.53	0.10	391.52	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	0.28	0.12	0.13	0.18	49.49	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:09:05	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.01	67.03	ppb
Zirconium	91-1	-0.02	0.01	-0.01	0.00		ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:12:46	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.34	20.29	21.36	19.33	13.68	ppb
Antimony	121-1	1.92	1.90	1.91	1.91	0.50	ppb
Arsenic	75-2	0.93	0.99	1.02	0.98	5.06	ppb
Barium	135-1	9.45	10.22	9.43	9.70	4.67	ppb
Barium	137-1	10.87	10.32	9.98	10.39	4.34	ppb
Beryllium	9-1	0.93	1.00	0.91	0.95	5.09	ppb
Bismuth	209-1				109		%
Bismuth	209-2				112		%
Boron	10-1	21.03	24.89	25.34	23.75	9.98	ppb
Boron	11-1	23.09	24.10	25.27	24.15	4.52	ppb
Cadmium	111-1	1.05	0.93	0.99	0.99	5.86	ppb
Cadmium	106-1	0.98	0.24	0.89	0.71	57.39	ppb
Cadmium	108-1	1.06	1.05	0.87	1.00	11.18	ppb
Calcium	43-1	410.48	451.15	487.85	449.83	8.60	ppb
Calcium	44-1	467.78	469.53	485.11	474.14	2.01	ppb
Chromium	52-2	1.97	1.83	1.82	1.87	4.63	ppb
Cobalt	59-2	1.02	1.00	0.91	0.97	6.09	ppb
Copper	63-2	2.08	2.02	2.22	2.11	4.86	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				106		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	50.61	52.35	52.18	51.71	1.86	ppb
Iron	57-2	53.96	44.95	42.59	47.17	12.72	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.10	1.09	1.07	3.84	ppb
Lead	207-1	0.98	0.80	1.08	0.95	14.96	ppb
Lead	208-1	0.98	0.96	1.07	1.00	5.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	480.14	497.92	503.93	494.00	2.50	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:12:46	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.06	1.19	1.07	1.11	6.72	ppb
Molybdenum	94-1	4.61	5.26	4.55	4.80	8.21	ppb
Molybdenum	95-1	5.76	4.99	5.17	5.31	7.59	ppb
Molybdenum	96-1	4.90	4.94	5.08	4.97	1.85	ppb
Molybdenum	97-1	4.72	5.05	4.69	4.82	4.13	ppb
Molybdenum	98-1	5.28	5.35	5.19	5.27	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.07	0.94	0.98	7.93	ppb
Phosphorus	31-2	22.05	-12.85	-12.50	-1.10		ppb
Potassium	39-2	440.60	433.07	439.53	437.73	0.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	5.91	8.85	3.94	6.24	39.62	ppb
Selenium	78-2	5.35	5.51	5.18	5.35	3.10	ppb
Selenium	82-1	4.22	5.76	3.88	4.62	21.64	ppb
Silicon	28-1	-149.90	-162.23	-129.70	-147.28		ppb
Silver	109-1	0.97	0.89	0.94	0.94	4.45	ppb
Silver	107-1	1.00	0.92	0.98	0.97	4.38	ppb
Sodium	23-2	470.06	465.18	484.66	473.30	2.14	ppb
Strontium	86-1	0.87	1.05	0.64	0.85	24.43	ppb
Strontium	88-1	1.02	0.98	1.00	1.00	1.91	ppb
Sulfur	34-1	-1918.83	-1472.53	-1738.36	-1709.91		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.89	0.92	1.04	0.95	8.23	ppb
Thallium	205-1	0.92	1.02	0.93	0.96	5.91	ppb
Tin	118-1	4.95	4.97	4.86	4.93	1.24	ppb
Titanium	47-1	4.89	4.35	5.99	5.08	16.43	ppb
Uranium	238-1	0.91	0.87	0.90	0.89	2.42	ppb
Vanadium	51-2	4.73	5.10	5.06	4.96	4.11	ppb
Yttrium	89-1				101		%
Yttrium	89-2				107		%
Zinc	66-2	2.24	1.90	2.14	2.10	8.32	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:12:46	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.01	0.96	1.02	1.00	3.14	ppb
Zirconium	91-1	1.03	0.72	1.07	0.94	20.43	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:16:27	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	755.41	763.20	757.34	758.65	0.54	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	10.72	ppb
Arsenic	75-2	0.07	0.06	0.04	0.06	24.99	ppb
Barium	135-1	47.33	47.78	47.32	47.48	0.56	ppb
Barium	137-1	47.31	49.28	48.08	48.22	2.06	ppb
Beryllium	9-1	0.17	0.11	0.13	0.14	24.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	2.61	4.05	3.74	3.47	21.81	ppb
Boron	11-1	3.46	3.56	2.96	3.33	9.65	ppb
Cadmium	111-1	-0.04	-0.03	0.04	-0.01		ppb
Cadmium	106-1	-0.76	-0.63	0.42	-0.32		ppb
Cadmium	108-1	0.12	-0.07	0.03	0.03	331.16	ppb
Calcium	43-1	83.09	133.45	105.85	107.46	23.47	ppb
Calcium	44-1	100.59	100.84	109.88	103.77	5.10	ppb
Chromium	52-2	2.69	2.55	2.50	2.58	3.90	ppb
Cobalt	59-2	0.60	0.65	0.58	0.61	5.72	ppb
Copper	63-2	0.72	0.77	0.78	0.76	4.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	56-2	429.14	431.05	430.40	430.20	0.23	ppb
Iron	57-2	440.68	443.31	424.59	436.19	2.32	ppb
Krypton	83-1						cps
Lead	206-1	0.73	0.68	0.71	0.71	3.31	ppb
Lead	207-1	0.71	0.61	0.69	0.67	7.85	ppb
Lead	208-1	0.71	0.66	0.67	0.68	3.88	ppb
Lithium	6-1				97		%
Magnesium	24-2	182.02	180.13	172.54	178.23	2.82	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:16:27	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.76	2.93	2.81	2.83	3.09	ppb
Molybdenum	94-1	0.55	0.50	0.76	0.60	23.15	ppb
Molybdenum	95-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	96-1	0.13	0.09	0.08	0.10	28.92	ppb
Molybdenum	97-1	0.05	0.01	0.10	0.05	88.25	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	22.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	1.90	1.89	1.94	4.33	ppb
Phosphorus	31-2	-72.02	3.31	-65.65	-44.78		ppb
Potassium	39-2	-2.80	-8.93	-9.48	-7.07		ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				100		%
Scandium	45-2				108		%
Selenium	77-2	0.98	0.00	0.98	0.65	86.60	ppb
Selenium	78-2	0.20	0.16	0.36	0.24	43.86	ppb
Selenium	82-1	0.91	0.73	1.33	0.99	30.83	ppb
Silicon	28-1	186.21	221.76	244.93	217.63	13.59	ppb
Silver	109-1	0.04	0.03	0.03	0.03	4.80	ppb
Silver	107-1	0.05	0.02	0.04	0.04	41.27	ppb
Sodium	23-2	24.76	26.30	24.34	25.13	4.09	ppb
Strontium	86-1	1.24	1.24	1.28	1.25	1.99	ppb
Strontium	88-1	1.36	1.38	1.35	1.36	1.20	ppb
Sulfur	34-1	-1714.89	-1212.44	-1404.90	-1444.08		ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.01	0.00	0.01	83.97	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.01	0.06	0.03	68.27	ppb
Titanium	47-1	3.76	4.48	4.21	4.15	8.76	ppb
Uranium	238-1	0.15	0.22	0.22	0.20	22.10	ppb
Vanadium	51-2	1.81	1.89	1.79	1.83	2.96	ppb
Yttrium	89-1				101		%
Yttrium	89-2				107		%
Zinc	66-2	4.03	3.67	4.08	3.93	5.76	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:16:27	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.44	0.38	0.41	7.35	ppb
Zirconium	91-1	0.50	0.35	0.34	0.40	22.84	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:20:08	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	756.72	753.02	752.85	754.20	0.29	ppb
Antimony	121-1	0.01	0.03	0.00	0.01	79.77	ppb
Arsenic	75-2	0.06	0.05	0.02	0.04	38.72	ppb
Barium	135-1	45.53	45.58	47.70	46.27	2.67	ppb
Barium	137-1	46.80	46.06	47.53	46.80	1.57	ppb
Beryllium	9-1	0.21	0.19	0.09	0.16	39.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				110		%
Boron	10-1	2.58	4.34	3.76	3.56	25.26	ppb
Boron	11-1	2.66	2.86	3.41	2.98	13.05	ppb
Cadmium	111-1	-0.18	0.04	0.06	-0.03		ppb
Cadmium	106-1	-2.58	0.13	0.55	-0.63		ppb
Cadmium	108-1	0.03	-0.07	0.03	0.00	6140.97	ppb
Calcium	43-1	89.60	99.38	87.55	92.18	6.86	ppb
Calcium	44-1	95.52	96.13	103.78	98.47	4.68	ppb
Chromium	52-2	2.80	2.59	2.57	2.65	4.81	ppb
Cobalt	59-2	0.64	0.59	0.57	0.60	5.62	ppb
Copper	63-2	0.78	0.91	0.81	0.83	8.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				109		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	56-2	428.52	424.66	431.11	428.09	0.76	ppb
Iron	57-2	427.96	411.81	410.38	416.72	2.34	ppb
Krypton	83-1						cps
Lead	206-1	0.73	0.73	0.83	0.76	7.29	ppb
Lead	207-1	0.60	0.64	0.61	0.62	3.29	ppb
Lead	208-1	0.67	0.66	0.76	0.70	7.83	ppb
Lithium	6-1				88		%
Magnesium	24-2	175.27	179.74	179.84	178.28	1.46	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:20:08	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.98	2.83	2.90	2.90	2.66	ppb
Molybdenum	94-1	0.64	0.65	0.51	0.60	12.12	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	135.64	ppb
Molybdenum	96-1	0.14	0.11	0.11	0.12	15.93	ppb
Molybdenum	97-1	-0.04	0.00	0.00	-0.01		ppb
Molybdenum	98-1	0.02	0.00	0.00	0.01	126.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.81	1.97	1.81	1.86	4.87	ppb
Phosphorus	31-2	23.51	-4.38	-6.17	4.32	385.05	ppb
Potassium	39-2	5.69	-0.43	-3.59	0.56	848.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				106		%
Scandium	45-1				97		%
Scandium	45-2				105		%
Selenium	77-2	0.00	1.98	3.00	1.66	91.84	ppb
Selenium	78-2	0.93	0.05	0.17	0.38	124.25	ppb
Selenium	82-1	1.73	1.61	0.56	1.30	49.43	ppb
Silicon	28-1	194.90	242.16	259.65	232.24	14.42	ppb
Silver	109-1	0.05	0.04	0.03	0.04	18.11	ppb
Silver	107-1	0.03	0.06	0.04	0.04	32.04	ppb
Sodium	23-2	25.25	20.56	26.23	24.01	12.64	ppb
Strontium	86-1	1.63	1.48	1.27	1.46	12.54	ppb
Strontium	88-1	1.38	1.36	1.37	1.37	0.52	ppb
Sulfur	34-1	-1168.68	-921.74	-676.17	-922.20		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	-0.02	0.00	448.15	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	377.73	ppb
Tin	118-1	0.01	0.01	0.01	0.01	21.77	ppb
Titanium	47-1	3.19	3.58	4.13	3.63	12.88	ppb
Uranium	238-1	0.23	0.24	0.19	0.22	12.95	ppb
Vanadium	51-2	1.73	1.76	1.94	1.81	6.26	ppb
Yttrium	89-1				96		%
Yttrium	89-2				106		%
Zinc	66-2	3.87	3.59	3.69	3.72	3.84	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:20:08	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.36	0.41	0.41	0.40	7.10	ppb
Zirconium	91-1	0.45	0.41	0.43	0.43	4.36	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX625	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	625
Date & Time Acquired ::	2019-06-02 15:23:49	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	145.17	157.27	150.14	150.86	4.03	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	51.08	ppb
Arsenic	75-2	0.00	0.01	0.00	0.01	152.59	ppb
Barium	135-1	8.96	8.33	9.13	8.81	4.77	ppb
Barium	137-1	9.32	9.23	8.90	9.15	2.43	ppb
Beryllium	9-1	0.01	0.03	0.03	0.02	51.29	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Boron	10-1	2.22	2.79	2.64	2.55	11.57	ppb
Boron	11-1	3.19	2.45	2.38	2.67	16.70	ppb
Cadmium	111-1	0.04	-0.03	0.01	0.00	1156.60	ppb
Cadmium	106-1	0.63	-0.56	0.00	0.02	2861.44	ppb
Cadmium	108-1	0.03	-0.07	-0.07	-0.03		ppb
Calcium	43-1	11.03	12.54	26.52	16.70	51.18	ppb
Calcium	44-1	27.45	30.42	27.55	28.47	5.93	ppb
Chromium	52-2	0.40	0.50	0.54	0.48	15.35	ppb
Cobalt	59-2	0.08	0.12	0.11	0.10	21.54	ppb
Copper	63-2	0.23	0.16	0.22	0.20	17.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				111		%
Indium	115-1				98		%
Indium	115-2				108		%
Iron	56-2	83.29	85.44	87.43	85.38	2.43	ppb
Iron	57-2	87.17	82.55	83.82	84.51	2.82	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.22	0.17	0.17	28.73	ppb
Lead	207-1	0.17	0.15	0.04	0.12	59.80	ppb
Lead	208-1	0.16	0.16	0.15	0.16	3.29	ppb
Lithium	6-1				89		%
Magnesium	24-2	36.86	41.39	37.95	38.73	6.10	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX625	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	625
Date & Time Acquired ::	2019-06-02 15:23:49	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.55	0.63	0.50	0.56	11.38	ppb
Molybdenum	94-1	0.15	0.29	0.09	0.18	58.11	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.03	0.02	56.19	ppb
Molybdenum	97-1	0.03	0.04	0.03	0.03	2.00	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	70.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.31	0.32	0.35	16.70	ppb
Phosphorus	31-2	-25.41	17.68	-4.57	-4.10		ppb
Potassium	39-2	-31.11	-15.32	-16.76	-21.06		ppb
Rhodium	103-1				99		%
Rhodium	103-2				107		%
Scandium	45-1				96		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.77	-1.66	0.41	-0.16		ppb
Selenium	82-1	0.18	1.72	-0.13	0.59	167.78	ppb
Silicon	28-1	-18.73	42.83	-11.87	4.08	827.62	ppb
Silver	109-1	0.03	0.04	0.05	0.04	24.53	ppb
Silver	107-1	0.04	0.04	0.03	0.04	17.75	ppb
Sodium	23-2	8.83	15.20	15.38	13.14	28.38	ppb
Strontium	86-1	0.16	0.24	0.22	0.20	19.74	ppb
Strontium	88-1	0.25	0.26	0.25	0.25	3.49	ppb
Sulfur	34-1	-981.66	-604.09	-1201.83	-929.19		ppb
Terbium	159-1				101		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	0.01	0.02	0.00	636.61	ppb
Thallium	205-1	0.00	0.03	-0.02	0.00	755.75	ppb
Tin	118-1	0.01	0.02	0.00	0.01	134.88	ppb
Titanium	47-1	1.56	0.24	1.08	0.96	69.60	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	19.96	ppb
Vanadium	51-2	0.40	0.36	0.34	0.37	7.44	ppb
Yttrium	89-1				98		%
Yttrium	89-2				107		%
Zinc	66-2	0.78	0.67	0.73	0.73	7.47	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX625	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	625
Date & Time Acquired ::	2019-06-02 15:23:49	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.10	0.08	18.30	ppb
Zirconium	91-1	0.08	0.04	0.09	0.07	35.08	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:27:30	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	911.69	909.35	924.42	915.15	0.89	ppb
Antimony	121-1	0.69	0.65	0.78	0.71	9.44	ppb
Arsenic	75-2	3.35	3.60	3.39	3.45	3.95	ppb
Barium	135-1	64.68	62.75	64.30	63.91	1.60	ppb
Barium	137-1	63.34	63.54	63.88	63.59	0.43	ppb
Beryllium	9-1	3.80	3.72	3.64	3.72	2.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Boron	10-1	5.52	4.78	6.52	5.61	15.58	ppb
Boron	11-1	5.45	5.38	5.64	5.49	2.51	ppb
Cadmium	111-1	3.66	3.81	3.63	3.70	2.56	ppb
Cadmium	106-1	3.96	3.51	4.40	3.95	11.30	ppb
Cadmium	108-1	3.25	4.31	4.88	4.15	19.90	ppb
Calcium	43-1	479.17	544.85	517.76	513.92	6.42	ppb
Calcium	44-1	497.91	502.43	481.02	493.79	2.28	ppb
Chromium	52-2	6.55	6.69	6.65	6.63	1.09	ppb
Cobalt	59-2	4.27	4.52	4.42	4.40	2.91	ppb
Copper	63-2	9.12	8.97	9.24	9.11	1.50	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				102		%
Holmium	165-2				110		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	56-2	674.56	676.11	681.64	677.44	0.55	ppb
Iron	57-2	668.57	672.68	684.72	675.32	1.24	ppb
Krypton	83-1						cps
Lead	206-1	4.32	4.31	4.34	4.32	0.27	ppb
Lead	207-1	4.34	4.16	4.09	4.20	3.10	ppb
Lead	208-1	4.31	4.10	4.19	4.20	2.49	ppb
Lithium	6-1				88		%
Magnesium	24-2	563.23	567.35	564.14	564.90	0.38	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:27:30	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.28	11.10	11.36	11.25	1.20	ppb
Molybdenum	94-1	18.76	18.68	18.83	18.75	0.40	ppb
Molybdenum	95-1	19.14	19.08	18.85	19.02	0.80	ppb
Molybdenum	96-1	19.10	19.96	19.84	19.63	2.39	ppb
Molybdenum	97-1	18.81	19.50	18.66	18.99	2.36	ppb
Molybdenum	98-1	19.18	19.74	19.37	19.43	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.00	5.87	5.69	5.85	2.73	ppb
Phosphorus	31-2	19.92	-30.22	-48.37	-19.56		ppb
Potassium	39-2	182.64	175.06	193.37	183.69	5.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				97		%
Scandium	45-2				107		%
Selenium	77-2	4.91	4.86	2.94	4.24	26.44	ppb
Selenium	78-2	4.17	3.57	3.99	3.91	7.88	ppb
Selenium	82-1	3.08	5.39	3.42	3.96	31.40	ppb
Silicon	28-1	236.05	341.49	280.06	285.86	18.53	ppb
Silver	109-1	3.62	3.56	3.55	3.58	1.08	ppb
Silver	107-1	3.62	3.63	3.68	3.64	0.94	ppb
Sodium	23-2	419.25	430.24	427.84	425.78	1.36	ppb
Strontium	86-1	4.89	5.14	5.71	5.25	8.02	ppb
Strontium	88-1	5.15	5.17	4.97	5.10	2.21	ppb
Sulfur	34-1	-1707.41	-1171.51	-1452.17	-1443.70		ppb
Terbium	159-1				101		%
Terbium	159-2				108		%
Thallium	203-1	3.29	3.44	3.37	3.37	2.24	ppb
Thallium	205-1	3.44	3.51	3.42	3.46	1.34	ppb
Tin	118-1	1.38	1.28	1.31	1.32	3.83	ppb
Titanium	47-1	23.59	25.10	24.19	24.29	3.14	ppb
Uranium	238-1	3.81	3.83	3.74	3.80	1.22	ppb
Vanadium	51-2	5.27	5.46	5.68	5.47	3.79	ppb
Yttrium	89-1				98		%
Yttrium	89-2				107		%
Zinc	66-2	11.84	11.43	11.95	11.74	2.31	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:27:30	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.28	3.19	3.21	3.22	1.51	ppb
Zirconium	91-1	3.29	3.18	3.25	3.24	1.75	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:31:11	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	828.02	813.16	832.07	824.42	1.21	ppb
Antimony	121-1	1.16	1.07	1.03	1.08	5.95	ppb
Arsenic	75-2	3.85	3.66	3.74	3.75	2.44	ppb
Barium	135-1	64.15	60.93	61.72	62.27	2.70	ppb
Barium	137-1	62.25	60.49	61.70	61.48	1.47	ppb
Beryllium	9-1	3.99	4.27	4.44	4.23	5.43	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Boron	10-1	6.02	7.00	4.84	5.95	18.23	ppb
Boron	11-1	6.19	6.72	5.88	6.26	6.79	ppb
Cadmium	111-1	4.12	4.22	4.24	4.19	1.63	ppb
Cadmium	106-1	4.06	6.69	3.65	4.80	34.26	ppb
Cadmium	108-1	4.36	4.80	3.09	4.08	21.80	ppb
Calcium	43-1	473.94	520.90	489.81	494.88	4.83	ppb
Calcium	44-1	507.01	477.53	482.50	489.01	3.23	ppb
Chromium	52-2	6.60	6.52	6.57	6.57	0.65	ppb
Cobalt	59-2	4.66	4.68	4.81	4.72	1.66	ppb
Copper	63-2	9.43	8.79	8.92	9.05	3.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				111		%
Indium	115-1				99		%
Indium	115-2				109		%
Iron	56-2	627.81	613.55	626.90	622.76	1.28	ppb
Iron	57-2	639.56	630.99	654.10	641.55	1.82	ppb
Krypton	83-1						cps
Lead	206-1	4.82	4.85	4.78	4.82	0.72	ppb
Lead	207-1	4.44	4.53	4.27	4.41	3.02	ppb
Lead	208-1	4.59	4.69	4.54	4.61	1.67	ppb
Lithium	6-1				85		%
Magnesium	24-2	579.85	560.70	573.90	571.48	1.72	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:31:11	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.09	11.07	10.84	11.00	1.27	ppb
Molybdenum	94-1	19.91	18.04	19.41	19.12	5.07	ppb
Molybdenum	95-1	19.03	19.25	20.01	19.43	2.65	ppb
Molybdenum	96-1	19.04	19.15	19.60	19.26	1.55	ppb
Molybdenum	97-1	19.51	19.39	19.51	19.47	0.35	ppb
Molybdenum	98-1	20.24	18.89	20.03	19.72	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.28	5.86	6.48	6.20	5.09	ppb
Phosphorus	31-2	-1.74	-38.20	-16.88	-18.94		ppb
Potassium	39-2	173.54	192.89	178.87	181.77	5.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				108		%
Scandium	45-1				97		%
Scandium	45-2				108		%
Selenium	77-2	1.95	0.00	3.87	1.94	99.80	ppb
Selenium	78-2	3.31	3.93	3.80	3.68	8.83	ppb
Selenium	82-1	3.26	3.78	1.78	2.94	35.45	ppb
Silicon	28-1	207.56	171.24	191.52	190.11	9.58	ppb
Silver	109-1	4.07	3.88	4.00	3.98	2.43	ppb
Silver	107-1	4.16	3.98	3.89	4.01	3.46	ppb
Sodium	23-2	431.60	416.57	436.61	428.26	2.44	ppb
Strontium	86-1	5.28	5.92	5.78	5.66	5.93	ppb
Strontium	88-1	5.38	5.32	5.31	5.34	0.72	ppb
Sulfur	34-1	-1786.45	-1747.33	-2119.77	-1884.52		ppb
Terbium	159-1				100		%
Terbium	159-2				109		%
Thallium	203-1	3.83	3.79	3.77	3.80	0.83	ppb
Thallium	205-1	3.74	3.84	3.88	3.82	1.90	ppb
Tin	118-1	1.92	2.13	1.91	1.99	6.02	ppb
Titanium	47-1	23.08	22.47	21.60	22.39	3.33	ppb
Uranium	238-1	4.31	3.98	4.08	4.12	4.10	ppb
Vanadium	51-2	5.77	5.75	5.80	5.77	0.41	ppb
Yttrium	89-1				98		%
Yttrium	89-2				108		%
Zinc	66-2	12.19	11.89	11.78	11.96	1.78	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:31:11	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.75	3.38	3.62	3.58	5.22	ppb
Zirconium	91-1	3.84	3.42	3.47	3.57	6.37	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:34:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	976.03	970.86	916.05	954.31	3.48	ppb
Antimony	121-1	0.68	0.68	0.73	0.70	4.17	ppb
Arsenic	75-2	3.95	3.48	3.31	3.58	9.24	ppb
Barium	135-1	62.38	62.07	62.92	62.45	0.69	ppb
Barium	137-1	64.66	61.80	62.76	63.08	2.31	ppb
Beryllium	9-1	3.77	3.95	3.72	3.81	3.14	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	5.26	6.99	6.11	6.12	14.09	ppb
Boron	11-1	5.78	5.54	5.18	5.50	5.53	ppb
Cadmium	111-1	3.58	3.68	3.86	3.71	3.77	ppb
Cadmium	106-1	2.41	2.47	3.87	2.92	28.34	ppb
Cadmium	108-1	4.23	3.66	2.71	3.53	21.75	ppb
Calcium	43-1	447.55	494.35	462.84	468.25	5.10	ppb
Calcium	44-1	488.34	486.85	467.20	480.80	2.45	ppb
Chromium	52-2	7.11	6.47	6.18	6.59	7.20	ppb
Cobalt	59-2	4.82	4.56	4.42	4.60	4.40	ppb
Copper	63-2	9.94	9.80	9.09	9.61	4.73	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				101		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	716.96	711.19	666.83	698.33	3.93	ppb
Iron	57-2	732.49	712.49	691.02	712.00	2.91	ppb
Krypton	83-1						cps
Lead	206-1	4.37	4.47	4.29	4.38	2.11	ppb
Lead	207-1	4.08	4.30	3.97	4.11	4.11	ppb
Lead	208-1	4.26	4.35	4.03	4.21	3.86	ppb
Lithium	6-1				84		%
Magnesium	24-2	627.67	591.70	574.79	598.05	4.52	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:34:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.37	11.50	11.42	11.76	4.47	ppb
Molybdenum	94-1	17.97	17.53	18.42	17.97	2.48	ppb
Molybdenum	95-1	18.65	18.82	18.89	18.79	0.65	ppb
Molybdenum	96-1	18.90	19.31	18.98	19.06	1.13	ppb
Molybdenum	97-1	18.83	19.00	19.02	18.95	0.55	ppb
Molybdenum	98-1	18.57	19.65	18.96	19.06	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.87	5.72	5.60	5.73	2.36	ppb
Phosphorus	31-2	44.46	5.86	-31.78	6.18	616.89	ppb
Potassium	39-2	220.47	216.64	183.90	207.00	9.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				103		%
Selenium	77-2	5.33	4.10	4.86	4.76	13.09	ppb
Selenium	78-2	4.94	3.68	3.57	4.06	18.73	ppb
Selenium	82-1	3.60	1.94	1.84	2.46	40.34	ppb
Silicon	28-1	327.25	326.11	258.85	304.07	12.88	ppb
Silver	109-1	3.53	3.53	3.59	3.55	0.94	ppb
Silver	107-1	3.63	3.39	3.53	3.52	3.39	ppb
Sodium	23-2	469.21	458.32	425.36	450.96	5.06	ppb
Strontium	86-1	4.64	4.78	4.76	4.72	1.63	ppb
Strontium	88-1	4.99	4.93	5.00	4.97	0.79	ppb
Sulfur	34-1	-1894.01	-1613.51	-2441.67	-1983.06		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	3.36	3.48	3.48	3.44	2.00	ppb
Thallium	205-1	3.42	3.41	3.35	3.39	1.17	ppb
Tin	118-1	1.48	1.30	1.32	1.37	7.44	ppb
Titanium	47-1	24.38	23.93	24.76	24.35	1.71	ppb
Uranium	238-1	3.71	3.69	3.91	3.77	3.23	ppb
Vanadium	51-2	6.03	6.20	5.82	6.02	3.14	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	12.06	13.09	11.10	12.08	8.25	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:34:52	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.30	3.14	3.09	3.17	3.48	ppb
Zirconium	91-1	3.19	3.11	2.98	3.09	3.45	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:38:34	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50799.27	51695.90	51026.91	51174.03	0.91	ppb
Antimony	121-1	498.33	506.36	513.22	505.97	1.47	ppb
Arsenic	75-2	496.13	504.56	505.65	502.11	1.04	ppb
Barium	135-1	2497.88	2548.16	2571.41	2539.15	1.48	ppb
Barium	137-1	2490.93	2507.24	2513.24	2503.80	0.46	ppb
Beryllium	9-1	530.10	524.65	527.30	527.35	0.52	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	531.87	506.86	519.16	519.30	2.41	ppb
Boron	11-1	516.26	510.83	522.74	516.61	1.15	ppb
Cadmium	111-1	484.13	501.05	498.30	494.49	1.84	ppb
Cadmium	106-1	476.01	499.20	499.06	491.42	2.72	ppb
Cadmium	108-1	484.19	499.36	494.46	492.67	1.57	ppb
Calcium	43-1	237909.17	242326.26	248337.04	242857.49	2.16	ppb
Calcium	44-1	232804.41	235283.48	241902.72	236663.54	1.99	ppb
Chromium	52-2	509.36	515.63	520.67	515.22	1.10	ppb
Cobalt	59-2	496.74	507.19	506.11	503.34	1.14	ppb
Copper	63-2	980.19	994.64	1000.85	991.89	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				109		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	120488.64	120941.76	121727.28	121052.56	0.52	ppb
Iron	57-2	122391.88	124554.05	122652.20	123199.38	0.96	ppb
Krypton	83-1						cps
Lead	206-1	500.63	497.40	501.01	499.68	0.40	ppb
Lead	207-1	500.41	499.72	495.58	498.57	0.52	ppb
Lead	208-1	496.32	497.44	494.54	496.10	0.30	ppb
Lithium	6-1				85		%
Magnesium	24-2	231718.48	238885.88	237007.73	235870.70	1.58	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:38:34	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.46	1022.09	1034.13	1024.56	0.84	ppb
Molybdenum	94-1	2518.17	2576.44	2601.01	2565.21	1.66	ppb
Molybdenum	95-1	2502.39	2550.58	2551.33	2534.77	1.11	ppb
Molybdenum	96-1	2518.71	2516.16	2615.82	2550.23	2.23	ppb
Molybdenum	97-1	2483.35	2464.69	2609.95	2519.33	3.14	ppb
Molybdenum	98-1	2551.09	2522.06	2561.54	2544.90	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.70	515.67	511.70	509.35	1.52	ppb
Phosphorus	31-2	9867.16	10437.10	9938.20	10080.82	3.08	ppb
Potassium	39-2	120190.42	122133.17	121135.54	121153.04	0.80	ppb
Rhodium	103-1				92		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				106		%
Selenium	77-2	521.09	490.67	519.86	510.54	3.37	ppb
Selenium	78-2	502.78	505.76	499.47	502.67	0.63	ppb
Selenium	82-1	487.99	492.66	498.17	492.94	1.03	ppb
Silicon	28-1	439.90	473.46	509.88	474.41	7.38	ppb
Silver	109-1	486.60	498.78	497.42	494.27	1.35	ppb
Silver	107-1	488.89	500.83	496.79	495.50	1.23	ppb
Sodium	23-2	229865.93	232349.49	231613.18	231276.20	0.55	ppb
Strontium	86-1	493.71	497.96	506.71	499.46	1.33	ppb
Strontium	88-1	499.61	509.05	515.17	507.94	1.54	ppb
Sulfur	34-1	8892.36	9072.19	9179.49	9048.01	1.60	ppb
Terbium	159-1				101		%
Terbium	159-2				108		%
Thallium	203-1	502.03	504.09	497.01	501.04	0.73	ppb
Thallium	205-1	517.13	502.59	498.71	506.14	1.92	ppb
Tin	118-1	501.73	506.29	510.33	506.12	0.85	ppb
Titanium	47-1	2505.71	2525.10	2527.63	2519.48	0.48	ppb
Uranium	238-1	518.85	526.70	514.06	519.87	1.23	ppb
Vanadium	51-2	508.83	517.09	517.46	514.46	0.95	ppb
Yttrium	89-1				98		%
Yttrium	89-2				105		%
Zinc	66-2	992.39	1014.42	1013.12	1006.64	1.23	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:38:34	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.70	520.07	523.95	519.57	0.89	ppb
Zirconium	91-1	498.31	509.77	508.74	505.61	1.25	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:43:52	DataFile Name :	028LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.30	19.20	16.20	16.23	18.15	ppb
Antimony	121-1	1.89	1.78	1.93	1.87	4.19	ppb
Arsenic	75-2	1.01	0.97	0.93	0.97	3.99	ppb
Barium	135-1	10.34	8.64	9.20	9.39	9.18	ppb
Barium	137-1	9.39	9.36	9.76	9.50	2.33	ppb
Beryllium	9-1	1.03	0.95	0.76	0.91	15.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				112		%
Boron	10-1	24.49	29.31	24.64	26.15	10.47	ppb
Boron	11-1	27.08	26.52	27.61	27.07	2.02	ppb
Cadmium	111-1	1.08	0.75	0.81	0.88	19.60	ppb
Cadmium	106-1	2.04	-0.75	0.63	0.64	218.48	ppb
Cadmium	108-1	0.90	0.89	1.76	1.18	42.08	ppb
Calcium	43-1	444.06	434.26	473.39	450.57	4.52	ppb
Calcium	44-1	472.26	471.84	456.14	466.74	1.97	ppb
Chromium	52-2	1.81	1.88	1.77	1.82	3.03	ppb
Cobalt	59-2	0.97	0.96	0.99	0.97	1.78	ppb
Copper	63-2	1.98	1.82	1.93	1.91	4.16	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				103		%
Holmium	165-2				111		%
Indium	115-1				101		%
Indium	115-2				109		%
Iron	56-2	49.98	50.71	51.17	50.62	1.18	ppb
Iron	57-2	48.17	45.83	51.78	48.59	6.18	ppb
Krypton	83-1						cps
Lead	206-1	1.02	1.01	0.99	1.01	1.67	ppb
Lead	207-1	0.99	0.96	0.96	0.97	1.91	ppb
Lead	208-1	1.02	0.97	0.97	0.99	2.64	ppb
Lithium	6-1				94		%
Magnesium	24-2	465.56	470.28	474.48	470.11	0.95	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:43:52	DataFile Name :	028LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	1.01	1.07	1.03	4.03	ppb
Molybdenum	94-1	4.69	5.25	5.23	5.06	6.27	ppb
Molybdenum	95-1	4.99	5.13	5.08	5.07	1.42	ppb
Molybdenum	96-1	4.66	4.81	5.11	4.86	4.76	ppb
Molybdenum	97-1	5.14	4.64	5.09	4.96	5.59	ppb
Molybdenum	98-1	5.04	4.90	5.19	5.05	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.05	0.93	1.00	6.05	ppb
Phosphorus	31-2	24.03	27.24	-26.11	8.39	356.58	ppb
Potassium	39-2	433.69	437.34	435.98	435.67	0.42	ppb
Rhodium	103-1				100		%
Rhodium	103-2				108		%
Scandium	45-1				100		%
Scandium	45-2				108		%
Selenium	77-2	1.94	7.84	6.82	5.53	56.98	ppb
Selenium	78-2	4.33	4.15	4.11	4.20	2.84	ppb
Selenium	82-1	4.68	4.46	4.20	4.44	5.40	ppb
Silicon	28-1	-92.32	-104.50	-95.70	-97.51		ppb
Silver	109-1	0.90	0.83	0.99	0.91	8.79	ppb
Silver	107-1	0.93	0.94	0.90	0.92	2.08	ppb
Sodium	23-2	496.77	505.28	489.85	497.30	1.55	ppb
Strontium	86-1	0.60	1.21	0.91	0.90	33.69	ppb
Strontium	88-1	0.93	0.96	0.96	0.95	1.79	ppb
Sulfur	34-1	-1427.11	-1830.39	-1397.80	-1551.77		ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.86	0.83	1.06	0.92	13.81	ppb
Thallium	205-1	0.93	0.95	0.89	0.92	3.57	ppb
Tin	118-1	4.92	4.85	5.08	4.95	2.40	ppb
Titanium	47-1	4.30	5.37	5.19	4.96	11.55	ppb
Uranium	238-1	0.84	0.79	0.94	0.85	8.78	ppb
Vanadium	51-2	5.00	4.87	4.97	4.95	1.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				108		%
Zinc	66-2	2.05	2.05	2.06	2.06	0.27	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:43:52	DataFile Name :	028LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.84	0.95	0.95	0.91	6.56	ppb
Zirconium	91-1	0.76	1.00	0.99	0.91	14.88	ppb

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 15:47:33 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.51	0.75	0.37	0.20	319.93	ppb
Antimony	121-1	0.04	0.02	0.03	0.03	29.64	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	569.99	ppb
Barium	135-1	-0.03	-0.05	-0.02	-0.03		ppb
Barium	137-1	0.00	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	33.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				111		%
Boron	10-1	4.18	3.00	5.02	4.07	24.96	ppb
Boron	11-1	4.63	3.42	3.96	4.00	15.16	ppb
Cadmium	111-1	0.05	-0.08	0.16	0.05	263.75	ppb
Cadmium	106-1	0.68	-0.95	2.15	0.63	247.43	ppb
Cadmium	108-1	0.13	0.23	0.03	0.13	73.65	ppb
Calcium	43-1	-21.42	-32.13	-8.34	-20.63		ppb
Calcium	44-1	2.33	-0.31	3.66	1.89	106.56	ppb
Chromium	52-2	-0.04	-0.03	0.03	-0.01		ppb
Cobalt	59-2	0.00	-0.02	0.00	-0.01		ppb
Copper	63-2	-0.11	-0.13	-0.10	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				111		%
Indium	115-1				99		%
Indium	115-2				109		%
Iron	56-2	0.87	0.91	1.17	0.98	16.31	ppb
Iron	57-2	-1.78	-2.04	-0.95	-1.59		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.07	-0.03	0.02	234.71	ppb
Lead	207-1	-0.03	0.00	-0.01	-0.01		ppb
Lead	208-1	0.00	0.03	0.01	0.02	105.56	ppb
Lithium	6-1				87		%
Magnesium	24-2	2.51	2.99	3.23	2.91	12.64	ppb

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 15:47:33 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.02	-0.02	0.01	405.45	ppb
Molybdenum	94-1	0.06	0.08	-0.01	0.05	108.39	ppb
Molybdenum	95-1	0.02	-0.01	-0.01	0.00		ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	19.21	ppb
Molybdenum	97-1	0.04	0.00	0.00	0.01	181.36	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	73.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	0.01	-0.02		ppb
Phosphorus	31-2	-53.33	-55.80	-33.52	-47.55		ppb
Potassium	39-2	-18.08	-26.50	-16.62	-20.40		ppb
Rhodium	103-1				98		%
Rhodium	103-2				108		%
Scandium	45-1				97		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	1.95	0.65	173.21	ppb
Selenium	78-2	0.06	-0.79	0.26	-0.16		ppb
Selenium	82-1	0.30	-0.91	-0.14	-0.25		ppb
Silicon	28-1	-46.35	-51.81	-58.36	-52.17		ppb
Silver	109-1	0.06	0.06	0.04	0.05	17.92	ppb
Silver	107-1	0.04	0.04	0.06	0.05	26.50	ppb
Sodium	23-2	35.06	31.49	32.76	33.10	5.46	ppb
Strontium	86-1	-0.20	-0.07	0.14	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1078.43	-1164.14	-1205.88	-1149.48		ppb
Terbium	159-1				99		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.02	0.00	0.01	0.01	137.08	ppb
Tin	118-1	0.01	0.04	0.02	0.02	67.25	ppb
Titanium	47-1	0.23	-0.10	0.22	0.11	166.29	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				97		%
Yttrium	89-2				108		%
Zinc	66-2	0.08	0.07	-0.01	0.05	113.92	ppb

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:47:33	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	-0.01	0.00	404.83	ppb
Zirconium	91-1	-0.01	-0.05	0.01	-0.01		ppb

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 13:37:29 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	73	87	87	15.39	cps
Antimony	121-1	25	8	17	17	50.01	cps
Arsenic	75-2	3	1	4	3	57.28	cps
Barium	135-1	33	17	25	25	33.32	cps
Barium	137-1	17	58	25	33	66.14	cps
Beryllium	9-1	0	11	28	13	107.86	cps
Bismuth	209-1	1198946	1182638	1183860	1188481	0.76	cps
Bismuth	209-2	981533	1080607	1077935	1046691	5.39	cps
Boron	10-1	33	25	58	39	44.62	cps
Boron	11-1	225	208	158	197	17.59	cps
Cadmium	111-1	351	299	397	349	14.05	cps
Cadmium	106-1	500	425	567	497	14.25	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	717	808	642	722	11.56	cps
Calcium	44-1	12664	12673	13157	12831	2.20	cps
Chromium	52-2	933	717	873	841	13.30	cps
Cobalt	59-2	63	73	80	72	11.62	cps
Copper	63-2	787	747	847	793	6.34	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	10	17	3	10	66.70	cps
Holmium	165-1	1925530	1942766	1899553	1922616	1.13	cps
Holmium	165-2	1436555	1585541	1568733	1530276	5.33	cps
Indium	115-1	1806699	1837352	1812474	1818842	0.90	cps
Indium	115-2	543825	597909	591958	577897	5.13	cps
Iron	56-2	1745	1656	1789	1730	3.93	cps
Iron	57-2	106	144	94	115	22.87	cps
Krypton	83-1	320	247	230	266	18.03	cps
Lead	206-1	239	333	233	269	20.93	cps
Lead	207-1	250	239	289	259	10.13	cps
Lead	208-1	983	1233	1083	1100	11.44	cps
Lithium	6-1	437747	433415	432226	434463	0.67	cps
Magnesium	24-2	33	83	50	56	45.83	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 13:37:29 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	50	43	34	62.22	cps
Molybdenum	94-1	67	58	33	53	32.87	cps
Molybdenum	95-1	17	25	25	22	21.64	cps
Molybdenum	96-1	17	17	67	33	86.59	cps
Molybdenum	97-1	92	50	92	78	30.93	cps
Molybdenum	98-1	42	17	8	22	78.07	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	70	70	60	67	8.66	cps
Phosphorus	31-2	542	375	492	469	18.22	cps
Potassium	39-2	26242	25307	27085	26211	3.39	cps
Rhodium	103-1	1833963	1792647	1783643	1803418	1.49	cps
Rhodium	103-2	1281338	1403866	1395174	1360126	5.03	cps
Scandium	45-1	1491643	1483916	1451759	1475773	1.43	cps
Scandium	45-2	88736	96223	96391	93783	4.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	40	42	32	38	13.93	cps
Selenium	82-1	-88	1	35	-17	-374.88	cps
Silicon	28-1	2126743	2143586	2096757	2122362	1.12	cps
Silver	109-1	17	25	8	17	50.01	cps
Silver	107-1	8	17	17	14	34.67	cps
Sodium	23-2	14082	14524	14808	14472	2.53	cps
Strontium	86-1	383	467	417	422	9.93	cps
Strontium	88-1	75	17	25	39	81.12	cps
Sulfur	34-1	188304	188330	184995	187210	1.02	cps
Terbium	159-1	2087784	2091277	2059968	2079676	0.82	cps
Terbium	159-2	1520054	1657826	1668610	1615497	5.13	cps
Thallium	203-1	67	17	75	53	59.77	cps
Thallium	205-1	133	83	142	119	26.41	cps
Tin	118-1	58	92	158	103	49.54	cps
Titanium	47-1	1217	1425	1200	1281	9.79	cps
Uranium	238-1	33	50	42	42	20.00	cps
Vanadium	51-2	27	33	20	27	24.99	cps
Yttrium	89-1	2108420	2102434	2040427	2083760	1.81	cps
Yttrium	89-2	465093	509908	513072	496024	5.41	cps
Zinc	66-2	37	47	37	40	14.43	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:37:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	233	133	142	169	32.75	cps
Zirconium	91-1	33	25	58	39	44.61	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 13:45:19 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	647	713	757	706	7.85	cps
Antimony	121-1	4526	4201	4501	4409	4.10	cps
Arsenic	75-2	173	175	189	179	4.87	cps
Barium	135-1	4609	4834	4643	4695	2.59	cps
Barium	137-1	7736	8186	8069	7997	2.92	cps
Beryllium	9-1	567	544	472	528	9.36	cps
Bismuth	209-1	1139405	1152178	1150249	1147277	0.60	cps
Bismuth	209-2	1072987	1075891	1072932	1073937	0.16	cps
Boron	10-1	1550	1225	1525	1433	12.62	cps
Boron	11-1	6677	6877	6493	6682	2.87	cps
Cadmium	111-1	993	844	883	907	8.50	cps
Cadmium	106-1	625	542	583	583	7.14	cps
Cadmium	108-1	58	21	42	40	46.65	cps
Calcium	43-1	4476	4317	3809	4201	8.29	cps
Calcium	44-1	71876	72052	69430	71119	2.06	cps
Chromium	52-2	3330	3254	3157	3247	2.68	cps
Cobalt	59-2	1960	1960	1900	1940	1.79	cps
Copper	63-2	3420	3504	3534	3486	1.69	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	0	25	11	114.58	cps
Erbium	164-2	0	13	7	7	99.98	cps
Gadolinium	160-1	17	17	0	11	86.60	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	1794870	1830272	1799309	1808150	1.07	cps
Holmium	165-2	1562272	1556534	1557674	1558827	0.19	cps
Indium	115-1	1720416	1715540	1723066	1719674	0.22	cps
Indium	115-2	598650	592707	589234	593530	0.80	cps
Iron	56-2	52755	53558	52437	52917	1.09	cps
Iron	57-2	1250	1367	1428	1348	6.70	cps
Krypton	83-1	283	270	330	294	10.70	cps
Lead	206-1	1500	1250	1456	1402	9.51	cps
Lead	207-1	1272	1195	1145	1204	5.35	cps
Lead	208-1	5945	5195	5478	5539	6.84	cps
Lithium	6-1	391616	394336	396907	394286	0.67	cps
Magnesium	24-2	37015	36022	36063	36367	1.55	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:45:19	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	767	787	710	754	5.27	cps
Molybdenum	94-1	4226	4317	4351	4298	1.51	cps
Molybdenum	95-1	5601	5310	5410	5440	2.73	cps
Molybdenum	96-1	5568	6085	5743	5799	4.53	cps
Molybdenum	97-1	3317	3409	3684	3470	5.50	cps
Molybdenum	98-1	8636	8820	7719	8392	7.03	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	597	663	550	603	9.44	cps
Phosphorus	31-2	517	575	717	603	17.06	cps
Potassium	39-2	68742	67487	68458	68229	0.96	cps
Rhodium	103-1	1726448	1752378	1689908	1722911	1.82	cps
Rhodium	103-2	1404936	1397467	1381961	1394788	0.84	cps
Scandium	45-1	1400274	1372764	1390948	1387995	1.01	cps
Scandium	45-2	98713	98720	99069	98834	0.21	cps
Selenium	77-2	13	10	30	18	60.28	cps
Selenium	78-2	106	81	93	93	13.39	cps
Selenium	82-1	159	149	68	125	39.98	cps
Silicon	28-1	2100764	2103482	2064455	2089567	1.04	cps
Silver	109-1	2250	2300	2584	2378	7.56	cps
Silver	107-1	2584	2475	2400	2486	3.71	cps
Sodium	23-2	84725	85682	85699	85369	0.65	cps
Strontium	86-1	1142	775	1000	972	19.02	cps
Strontium	88-1	5560	5376	5401	5446	1.83	cps
Sulfur	34-1	190424	190560	191185	190723	0.21	cps
Terbium	159-1	1899883	1943474	1973691	1939016	1.91	cps
Terbium	159-2	1634439	1600478	1637740	1624219	1.27	cps
Thallium	203-1	1483	1600	1483	1522	4.43	cps
Thallium	205-1	3559	3434	3559	3517	2.05	cps
Tin	118-1	7769	7961	8019	7916	1.65	cps
Titanium	47-1	3059	3084	3159	3100	1.68	cps
Uranium	238-1	4584	4251	4501	4445	3.90	cps
Vanadium	51-2	5264	5101	5191	5185	1.58	cps
Yttrium	89-1	1955234	1971653	1907207	1944698	1.72	cps
Yttrium	89-2	511136	508339	508305	509260	0.32	cps
Zinc	66-2	610	567	543	573	5.90	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:45:19	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3376	3684	3667	3576	4.85	cps
Zirconium	91-1	892	758	708	786	12.06	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:49:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30630	31288	30145	30688	1.87	cps
Antimony	121-1	124518	123987	123028	123844	0.61	cps
Arsenic	75-2	10608	10981	10781	10790	1.73	cps
Barium	135-1	124481	122657	121368	122835	1.27	cps
Barium	137-1	211187	205693	204560	207146	1.71	cps
Beryllium	9-1	27365	27365	27437	27389	0.15	cps
Bismuth	209-1	1172012	1171159	1167607	1170259	0.20	cps
Bismuth	209-2	1106018	1089947	1100385	1098783	0.74	cps
Boron	10-1	3025	3059	3000	3028	0.97	cps
Boron	11-1	13465	13924	14224	13871	2.76	cps
Cadmium	111-1	29758	29002	28893	29218	1.61	cps
Cadmium	106-1	3676	3759	3234	3556	7.94	cps
Cadmium	108-1	2154	2059	2125	2113	2.33	cps
Calcium	43-1	37468	36656	35596	36573	2.57	cps
Calcium	44-1	621197	618105	610170	616491	0.92	cps
Chromium	52-2	63731	64685	64819	64412	0.92	cps
Cobalt	59-2	99089	99434	99421	99315	0.20	cps
Copper	63-2	143724	142373	143117	143071	0.47	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	3	10	17	10	66.70	cps
Holmium	165-1	1854061	1821751	1837534	1837782	0.88	cps
Holmium	165-2	1583506	1603289	1589092	1591962	0.64	cps
Indium	115-1	1729913	1731245	1726653	1729270	0.14	cps
Indium	115-2	608141	605977	605097	606405	0.26	cps
Iron	56-2	2615151	2607565	2618786	2613834	0.22	cps
Iron	57-2	63566	63008	63656	63410	0.55	cps
Krypton	83-1	283	253	313	283	10.59	cps
Lead	206-1	64038	64518	63949	64168	0.48	cps
Lead	207-1	57502	56832	56442	56925	0.94	cps
Lead	208-1	257756	256476	255966	256733	0.36	cps
Lithium	6-1	389038	391006	384900	388314	0.80	cps
Magnesium	24-2	377546	381683	378883	379370	0.56	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 13:49:21 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	68651	69374	69790	69271	0.83	cps
Molybdenum	94-1	222004	217794	223164	220987	1.28	cps
Molybdenum	95-1	272589	271156	265995	269913	1.28	cps
Molybdenum	96-1	300387	302543	295612	299514	1.18	cps
Molybdenum	97-1	165961	166172	169429	167187	1.16	cps
Molybdenum	98-1	426312	426486	429772	427523	0.46	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	27200	26732	27093	27008	0.91	cps
Phosphorus	31-2	3084	3375	3250	3237	4.52	cps
Potassium	39-2	246610	247178	247078	246955	0.12	cps
Rhodium	103-1	1716044	1715241	1710845	1714043	0.16	cps
Rhodium	103-2	1421222	1408553	1415831	1415202	0.45	cps
Scandium	45-1	1436880	1397318	1387566	1407255	1.86	cps
Scandium	45-2	99848	100734	100663	100415	0.49	cps
Selenium	77-2	160	183	160	168	8.03	cps
Selenium	78-2	641	596	581	606	5.15	cps
Selenium	82-1	2133	2141	1928	2067	5.85	cps
Silicon	28-1	2140323	2131994	2112066	2128128	0.68	cps
Silver	109-1	128172	130938	129373	129495	1.07	cps
Silver	107-1	137402	139867	136627	137965	1.23	cps
Sodium	23-2	774414	775900	776198	775504	0.12	cps
Strontium	86-1	33191	33249	34661	33700	2.47	cps
Strontium	88-1	296065	295764	294761	295530	0.23	cps
Sulfur	34-1	198034	199379	197529	198314	0.48	cps
Terbium	159-1	1967493	2019042	1943754	1976763	1.95	cps
Terbium	159-2	1677625	1668070	1678683	1674792	0.35	cps
Thallium	203-1	79205	76697	76119	77340	2.12	cps
Thallium	205-1	190256	187548	185639	187814	1.24	cps
Tin	118-1	78940	80341	79586	79623	0.88	cps
Titanium	47-1	91212	89754	88545	89837	1.49	cps
Uranium	238-1	238252	236228	233590	236024	0.99	cps
Vanadium	51-2	51942	52207	50975	51708	1.25	cps
Yttrium	89-1	1992773	1941836	1943135	1959248	1.48	cps
Yttrium	89-2	522705	523980	523666	523451	0.13	cps
Zinc	66-2	24752	24936	25440	25043	1.42	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:49:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	181155	183064	179730	181316	0.92	cps
Zirconium	91-1	39641	41205	40268	40371	1.95	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 13:53:22 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75928	75800	75384	75704	0.38	cps
Antimony	121-1	310401	312737	309074	310737	0.60	cps
Arsenic	75-2	26965	27267	27108	27113	0.56	cps
Barium	135-1	305832	304643	307893	306123	0.54	cps
Barium	137-1	515544	521560	524355	520486	0.87	cps
Beryllium	9-1	68222	67737	67837	67932	0.38	cps
Bismuth	209-1	1175968	1176648	1175629	1176082	0.04	cps
Bismuth	209-2	1108293	1102126	1111255	1107225	0.42	cps
Boron	10-1	7360	6977	7419	7252	3.31	cps
Boron	11-1	34818	34868	35611	35099	1.27	cps
Cadmium	111-1	72687	73544	72213	72815	0.93	cps
Cadmium	106-1	7511	8111	7727	7783	3.91	cps
Cadmium	108-1	5151	5251	5655	5353	4.99	cps
Calcium	43-1	91615	89124	90683	90474	1.39	cps
Calcium	44-1	1508215	1485574	1522861	1505550	1.25	cps
Chromium	52-2	159251	160879	159257	159796	0.59	cps
Cobalt	59-2	247330	251531	251819	250227	1.00	cps
Copper	63-2	352874	356225	353382	354160	0.51	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	1870066	1846539	1856144	1857583	0.64	cps
Holmium	165-2	1624739	1629135	1633280	1629051	0.26	cps
Indium	115-1	1732823	1721313	1752109	1735415	0.90	cps
Indium	115-2	603687	608880	610324	607630	0.57	cps
Iron	56-2	6442511	6516389	6466190	6475030	0.58	cps
Iron	57-2	158921	159219	160091	159410	0.38	cps
Krypton	83-1	267	290	327	294	10.27	cps
Lead	206-1	158553	157000	157693	157749	0.49	cps
Lead	207-1	143095	140505	142045	141882	0.92	cps
Lead	208-1	640741	640689	637984	639804	0.25	cps
Lithium	6-1	384901	383067	384258	384075	0.24	cps
Magnesium	24-2	955165	952617	948558	952113	0.35	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:53:22	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	172857	175554	172105	173506	1.05	cps
Molybdenum	94-1	545463	547620	547370	546818	0.22	cps
Molybdenum	95-1	678907	673876	674021	675601	0.42	cps
Molybdenum	96-1	750493	743335	741353	745060	0.65	cps
Molybdenum	97-1	418408	416265	413744	416139	0.56	cps
Molybdenum	98-1	1070066	1071328	1076764	1072719	0.33	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	67288	67995	66886	67390	0.83	cps
Phosphorus	31-2	7277	7027	7310	7205	2.15	cps
Potassium	39-2	579436	576734	577312	577827	0.25	cps
Rhodium	103-1	1683312	1685362	1712425	1693699	0.96	cps
Rhodium	103-2	1409373	1426300	1416534	1417402	0.60	cps
Scandium	45-1	1405821	1416363	1422249	1414811	0.59	cps
Scandium	45-2	100687	101271	101708	101222	0.51	cps
Selenium	77-2	387	427	380	398	6.35	cps
Selenium	78-2	1526	1398	1525	1483	4.96	cps
Selenium	82-1	5168	5128	4927	5075	2.54	cps
Silicon	28-1	2252805	2274674	2276483	2267988	0.58	cps
Silver	109-1	323507	325021	329650	326059	0.98	cps
Silver	107-1	337147	344297	344998	342147	1.27	cps
Sodium	23-2	1964160	1926806	1834511	1908492	3.50	cps
Strontium	86-1	85509	84913	84921	85114	0.40	cps
Strontium	88-1	734454	727974	730674	731034	0.45	cps
Sulfur	34-1	215392	212705	211089	213062	1.02	cps
Terbium	159-1	2023069	1969580	2019764	2004138	1.50	cps
Terbium	159-2	1682960	1692873	1704610	1693481	0.64	cps
Thallium	203-1	196865	196390	195210	196155	0.43	cps
Thallium	205-1	461828	466021	463213	463687	0.46	cps
Tin	118-1	205114	203712	202196	203674	0.72	cps
Titanium	47-1	224474	224835	225869	225059	0.32	cps
Uranium	238-1	586100	591739	597094	591645	0.93	cps
Vanadium	51-2	131362	130141	130134	130546	0.54	cps
Yttrium	89-1	1956703	1946418	1941081	1948067	0.41	cps
Yttrium	89-2	516891	516329	526760	519993	1.13	cps
Zinc	66-2	63025	63360	63166	63184	0.27	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:53:22	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	461140	455939	459232	458770	0.57	cps
Zirconium	91-1	101687	101660	101359	101569	0.18	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 13:57:22 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150536	153161	149677	151125	1.20	cps
Antimony	121-1	630504	629397	624630	628177	0.50	cps
Arsenic	75-2	53214	54223	53187	53541	1.10	cps
Barium	135-1	616376	613462	616536	615458	0.28	cps
Barium	137-1	1060488	1040503	1048144	1049712	0.96	cps
Beryllium	9-1	133866	136282	135733	135294	0.94	cps
Bismuth	209-1	1185049	1171852	1185415	1180772	0.65	cps
Bismuth	209-2	1110113	1109025	1109360	1109499	0.05	cps
Boron	10-1	14841	14583	14875	14766	1.08	cps
Boron	11-1	70783	71704	72517	71668	1.21	cps
Cadmium	111-1	146127	144645	144993	145255	0.53	cps
Cadmium	106-1	15676	15701	14808	15395	3.30	cps
Cadmium	108-1	10750	10508	10400	10553	1.70	cps
Calcium	43-1	185796	182347	186744	184962	1.25	cps
Calcium	44-1	3075907	3012792	3018462	3035721	1.15	cps
Chromium	52-2	320436	319113	316540	318696	0.62	cps
Cobalt	59-2	493115	497871	494837	495274	0.49	cps
Copper	63-2	707375	714741	706531	709549	0.64	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	8	42	25	25	66.68	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	1876221	1879005	1851132	1868786	0.82	cps
Holmium	165-2	1622002	1619575	1611252	1617610	0.35	cps
Indium	115-1	1759401	1726478	1739758	1741879	0.95	cps
Indium	115-2	605795	605122	597156	602691	0.80	cps
Iron	56-2	12838678	12850566	12776465	12821903	0.31	cps
Iron	57-2	313421	314541	314297	314086	0.19	cps
Krypton	83-1	247	257	310	271	12.56	cps
Lead	206-1	319454	316316	320166	318645	0.64	cps
Lead	207-1	291366	287232	288408	289002	0.74	cps
Lead	208-1	1303043	1286451	1299316	1296270	0.67	cps
Lithium	6-1	376950	377314	381918	378727	0.73	cps
Magnesium	24-2	1884803	1894615	1907437	1895619	0.60	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:57:22	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	346621	348520	343590	346244	0.72	cps
Molybdenum	94-1	1118059	1105755	1111496	1111770	0.55	cps
Molybdenum	95-1	1377159	1371207	1367626	1371997	0.35	cps
Molybdenum	96-1	1527077	1498746	1473921	1499915	1.77	cps
Molybdenum	97-1	847082	836813	848235	844043	0.75	cps
Molybdenum	98-1	2125138	2149200	2120328	2131555	0.73	cps
Neodymium	150-1	33	13	40	29	48.05	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	132543	133647	134385	133525	0.69	cps
Phosphorus	31-2	13857	13749	13807	13804	0.39	cps
Potassium	39-2	1119861	1139532	1117390	1125594	1.08	cps
Rhodium	103-1	1695003	1685069	1673969	1684680	0.62	cps
Rhodium	103-2	1402536	1391616	1388227	1394126	0.54	cps
Scandium	45-1	1444146	1403391	1420871	1422802	1.44	cps
Scandium	45-2	99931	100506	99744	100060	0.40	cps
Selenium	77-2	800	770	873	814	6.53	cps
Selenium	78-2	2918	2883	2892	2897	0.63	cps
Selenium	82-1	10225	10137	10067	10143	0.78	cps
Silicon	28-1	2421249	2400095	2423844	2415063	0.54	cps
Silver	109-1	651511	644186	653078	649592	0.73	cps
Silver	107-1	698111	690839	686378	691776	0.86	cps
Sodium	23-2	3752609	3746792	3805135	3768178	0.85	cps
Strontium	86-1	169784	169868	170317	169990	0.17	cps
Strontium	88-1	1480616	1497737	1480473	1486275	0.67	cps
Sulfur	34-1	239896	238237	239420	239185	0.36	cps
Terbium	159-1	2014648	1979243	1975953	1989948	1.08	cps
Terbium	159-2	1667767	1711998	1668599	1682788	1.50	cps
Thallium	203-1	388143	388555	390568	389089	0.33	cps
Thallium	205-1	941546	955445	938563	945185	0.95	cps
Tin	118-1	411170	408543	406930	408881	0.52	cps
Titanium	47-1	453386	445977	449974	449779	0.82	cps
Uranium	238-1	1217247	1219400	1224869	1220505	0.32	cps
Vanadium	51-2	259797	260016	260587	260133	0.16	cps
Yttrium	89-1	1992051	1996457	2005938	1998149	0.36	cps
Yttrium	89-2	519801	526125	517504	521143	0.86	cps
Zinc	66-2	125659	125888	124976	125508	0.38	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 13:57:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	924927	920526	919237	921563	0.32	cps
Zirconium	91-1	204338	204633	202459	203810	0.58	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 14:01:18 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303039	306295	299730	303021	1.08	cps
Antimony	121-1	1285970	1283010	1281830	1283603	0.17	cps
Arsenic	75-2	107742	107294	107408	107481	0.22	cps
Barium	135-1	1268129	1258554	1252998	1259893	0.61	cps
Barium	137-1	2143084	2154984	2154377	2150815	0.31	cps
Beryllium	9-1	272913	277623	275432	275323	0.86	cps
Bismuth	209-1	1218543	1226505	1222563	1222537	0.33	cps
Bismuth	209-2	1154278	1105725	1125261	1128421	2.16	cps
Boron	10-1	29456	30700	29957	30037	2.08	cps
Boron	11-1	143529	144470	148612	145537	1.86	cps
Cadmium	111-1	296113	300177	296850	297713	0.73	cps
Cadmium	106-1	31162	31788	29767	30906	3.35	cps
Cadmium	108-1	21521	21634	21780	21645	0.60	cps
Calcium	43-1	370962	369819	371842	370874	0.27	cps
Calcium	44-1	6049161	6034828	6093969	6059320	0.51	cps
Chromium	52-2	633265	639099	625540	632634	1.08	cps
Cobalt	59-2	990487	993015	981138	988213	0.63	cps
Copper	63-2	1389785	1406371	1391161	1395772	0.66	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	17	17	42	25	57.73	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	20	17	20	19	10.18	cps
Holmium	165-1	1948112	1964737	1942760	1951870	0.59	cps
Holmium	165-2	1660999	1641844	1646183	1649675	0.61	cps
Indium	115-1	1750250	1742784	1787680	1760238	1.37	cps
Indium	115-2	608203	584375	596549	596376	2.00	cps
Iron	56-2	25176555	25639489	25166937	25327661	1.07	cps
Iron	57-2	629791	634106	632173	632023	0.34	cps
Krypton	83-1	280	227	300	269	14.10	cps
Lead	206-1	662877	665670	664543	664363	0.21	cps
Lead	207-1	590461	597783	594153	594132	0.62	cps
Lead	208-1	2666540	2686146	2679085	2677257	0.37	cps
Lithium	6-1	390169	395445	395586	393733	0.78	cps
Magnesium	24-2	3728810	3706778	3729245	3721611	0.35	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:01:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	686136	696495	680596	687743	1.17	cps
Molybdenum	94-1	2245779	2235415	2239082	2240092	0.23	cps
Molybdenum	95-1	2754856	2768938	2740068	2754621	0.52	cps
Molybdenum	96-1	3073074	3049313	3131138	3084508	1.36	cps
Molybdenum	97-1	1716995	1697332	1706081	1706802	0.58	cps
Molybdenum	98-1	4372450	4278517	4314958	4321975	1.10	cps
Neodymium	150-1	53	27	47	42	32.86	cps
Neodymium	150-2	7	30	3	13	108.98	cps
Nickel	60-2	263476	264755	264911	264381	0.30	cps
Phosphorus	31-2	28078	27803	27844	27908	0.53	cps
Potassium	39-2	2183962	2232099	2163704	2193255	1.60	cps
Rhodium	103-1	1698610	1725347	1693109	1705689	1.01	cps
Rhodium	103-2	1411711	1371478	1382311	1388500	1.50	cps
Scandium	45-1	1426154	1432031	1432104	1430096	0.24	cps
Scandium	45-2	101691	99817	99942	100483	1.04	cps
Selenium	77-2	1577	1703	1460	1580	7.70	cps
Selenium	78-2	5571	5704	5597	5624	1.25	cps
Selenium	82-1	20867	20850	20799	20839	0.17	cps
Silicon	28-1	2691690	2689973	2738749	2706804	1.02	cps
Silver	109-1	1316608	1327440	1325736	1323261	0.44	cps
Silver	107-1	1391507	1402207	1398344	1397353	0.39	cps
Sodium	23-2	7392166	7514462	7521023	7475884	0.97	cps
Strontium	86-1	344195	346222	351756	347391	1.13	cps
Strontium	88-1	2970604	3075664	2958663	3001644	2.14	cps
Sulfur	34-1	292818	294933	292829	293527	0.41	cps
Terbium	159-1	2099521	2089518	2128358	2105799	0.96	cps
Terbium	159-2	1757413	1694170	1706577	1719386	1.95	cps
Thallium	203-1	813661	820997	816947	817202	0.45	cps
Thallium	205-1	1989165	1963369	1990982	1981172	0.78	cps
Tin	118-1	833489	828336	832109	831311	0.32	cps
Titanium	47-1	914610	911597	913282	913163	0.17	cps
Uranium	238-1	2557396	2522004	2503641	2527680	1.08	cps
Vanadium	51-2	524985	520558	519194	521579	0.58	cps
Yttrium	89-1	2038843	2057756	2010935	2035845	1.16	cps
Yttrium	89-2	531174	511117	516481	519591	2.00	cps
Zinc	66-2	248836	250944	249766	249849	0.42	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:01:18	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1896354	1894221	1905430	1898668	0.31	cps
Zirconium	91-1	416576	413364	416906	415615	0.47	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 14:05:08 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	602841	604176	611152	606056	0.74	cps
Antimony	121-1	2508819	2544768	2512380	2521989	0.79	cps
Arsenic	75-2	213530	213410	212316	213085	0.31	cps
Barium	135-1	2487397	2494025	2495560	2492327	0.17	cps
Barium	137-1	4209013	4230400	4287317	4242243	0.95	cps
Beryllium	9-1	555656	560290	561073	559006	0.52	cps
Bismuth	209-1	1227619	1229375	1218420	1225138	0.48	cps
Bismuth	209-2	1151911	1153815	1155926	1153884	0.17	cps
Boron	10-1	60570	60026	61632	60743	1.35	cps
Boron	11-1	293496	293324	304881	297234	2.23	cps
Cadmium	111-1	588456	581451	586148	585351	0.61	cps
Cadmium	106-1	59766	60796	61541	60701	1.47	cps
Cadmium	108-1	43231	42914	42174	42773	1.27	cps
Calcium	43-1	734033	740026	742871	738977	0.61	cps
Calcium	44-1	11871814	11863647	11935122	11890194	0.33	cps
Chromium	52-2	1249663	1246817	1258816	1251765	0.50	cps
Cobalt	59-2	2003537	1959268	1960446	1974417	1.28	cps
Copper	63-2	2796628	2753448	2733512	2761196	1.17	cps
Dysprosium	156-1	58	25	50	44	39.04	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	8	17	8	11	43.34	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	27	13	13	18	43.33	cps
Holmium	165-1	1965630	2014176	1960826	1980211	1.49	cps
Holmium	165-2	1678655	1672395	1693642	1681564	0.65	cps
Indium	115-1	1705714	1697105	1738781	1713867	1.28	cps
Indium	115-2	588284	589959	593874	590706	0.49	cps
Iron	56-2	49726755	50404771	50061058	50064195	0.68	cps
Iron	57-2	1254961	1248584	1242639	1248728	0.49	cps
Krypton	83-1	243	293	273	270	9.32	cps
Lead	206-1	1335477	1334149	1326935	1332187	0.35	cps
Lead	207-1	1202051	1196374	1195574	1198000	0.29	cps
Lead	208-1	5472419	5489949	5461779	5474716	0.26	cps
Lithium	6-1	391398	390534	395808	392580	0.72	cps
Magnesium	24-2	7387028	7423842	7411660	7407510	0.25	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:05:08	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1353238	1354875	1355639	1354584	0.09	cps
Molybdenum	94-1	4430929	4434891	4326872	4397564	1.39	cps
Molybdenum	95-1	5457529	5393446	5409490	5420155	0.62	cps
Molybdenum	96-1	6027785	5968793	6105833	6034137	1.14	cps
Molybdenum	97-1	3348790	3402610	3395094	3382165	0.86	cps
Molybdenum	98-1	8590084	8529486	8571383	8563651	0.36	cps
Neodymium	150-1	120	87	100	102	16.41	cps
Neodymium	150-2	13	10	27	17	52.93	cps
Nickel	60-2	520188	515350	518264	517934	0.47	cps
Phosphorus	31-2	53744	53619	54572	53978	0.96	cps
Potassium	39-2	4221999	4252259	4316900	4263719	1.14	cps
Rhodium	103-1	1689888	1683402	1683504	1685598	0.22	cps
Rhodium	103-2	1381827	1374810	1374731	1377123	0.30	cps
Scandium	45-1	1423393	1436548	1434996	1431646	0.50	cps
Scandium	45-2	99928	101200	100794	100641	0.65	cps
Selenium	77-2	3224	3297	3677	3399	7.16	cps
Selenium	78-2	11168	11163	11179	11170	0.07	cps
Selenium	82-1	40918	40722	40692	40777	0.30	cps
Silicon	28-1	3288216	3293173	3281604	3287664	0.18	cps
Silver	109-1	2595552	2575700	2605660	2592304	0.59	cps
Silver	107-1	2755937	2745752	2732167	2744619	0.43	cps
Sodium	23-2	14891066	14929361	15026838	14949089	0.47	cps
Strontium	86-1	700362	691308	693656	695109	0.68	cps
Strontium	88-1	5914377	5858889	5939465	5904244	0.70	cps
Sulfur	34-1	401356	400355	400158	400623	0.16	cps
Terbium	159-1	2148370	2134080	2090332	2124261	1.42	cps
Terbium	159-2	1740227	1719361	1751992	1737193	0.95	cps
Thallium	203-1	1643765	1635880	1638218	1639288	0.25	cps
Thallium	205-1	3929173	3957610	3916577	3934454	0.53	cps
Tin	118-1	1650929	1643694	1645887	1646837	0.23	cps
Titanium	47-1	1793138	1798810	1773879	1788609	0.73	cps
Uranium	238-1	5110791	5134576	5070333	5105233	0.64	cps
Vanadium	51-2	1045714	1043466	1036916	1042032	0.44	cps
Yttrium	89-1	2023965	2025762	2056661	2035463	0.90	cps
Yttrium	89-2	523497	519746	526044	523096	0.61	cps
Zinc	66-2	491343	487411	492084	490279	0.51	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:05:08	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3715896	3710223	3700531	3708883	0.21	cps
Zirconium	91-1	831553	826850	827743	828715	0.30	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:08:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3107984	3119160	3138275	3121806	0.49	cps
Antimony	121-1	2992	3326	2909	3075	7.17	cps
Arsenic	75-2	322	323	285	310	6.99	cps
Barium	135-1	383	508	408	433	15.26	cps
Barium	137-1	692	658	783	711	9.10	cps
Beryllium	9-1	139	106	117	120	14.10	cps
Bismuth	209-1	1180119	1153397	1161350	1164955	1.18	cps
Bismuth	209-2	1042683	954942	1004462	1000696	4.40	cps
Boron	10-1	1717	1558	1533	1603	6.20	cps
Boron	11-1	8253	8011	7677	7980	3.62	cps
Cadmium	111-1	474	453	328	418	18.97	cps
Cadmium	106-1	617	567	425	536	18.54	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	3588234	3715336	3689019	3664196	1.83	cps
Calcium	44-1	60937735	60532308	61662072	61044038	0.94	cps
Chromium	52-2	10271	9997	10090	10119	1.37	cps
Cobalt	59-2	22171	22962	22812	22648	1.86	cps
Copper	63-2	4361	4414	4724	4500	4.36	cps
Dysprosium	156-1	42	25	33	33	25.01	cps
Dysprosium	156-2	20	23	23	22	8.65	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	50	42	17	36	48.03	cps
Gadolinium	160-2	27	27	20	24	15.75	cps
Holmium	165-1	1915334	1927406	1953608	1932116	1.01	cps
Holmium	165-2	1580881	1437500	1533549	1517310	4.81	cps
Indium	115-1	1681119	1671614	1703602	1685445	0.97	cps
Indium	115-2	563160	519379	549808	544116	4.12	cps
Iron	56-2	241479967	245942861	245893706	244438844	1.05	cps
Iron	57-2	5971391	5987531	6018673	5992532	0.40	cps
Krypton	83-1	277	283	257	272	5.10	cps
Lead	206-1	2611	2867	2634	2704	5.24	cps
Lead	207-1	2389	2317	2434	2380	2.48	cps
Lead	208-1	10880	10680	10474	10678	1.90	cps
Lithium	6-1	405380	407931	412101	408471	0.83	cps
Magnesium	24-2	36016455	35966281	35920065	35967600	0.13	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:08:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5191	5348	5301	5280	1.52	cps
Molybdenum	94-1	1600	1900	1750	1750	8.57	cps
Molybdenum	95-1	2592	2542	2509	2548	1.65	cps
Molybdenum	96-1	3175	3359	2900	3145	7.34	cps
Molybdenum	97-1	1667	1492	1542	1567	5.75	cps
Molybdenum	98-1	4084	3967	3534	3862	7.51	cps
Neodymium	150-1	33	47	40	40	16.68	cps
Neodymium	150-2	20	20	10	17	34.64	cps
Nickel	60-2	6502	6535	6722	6586	1.80	cps
Phosphorus	31-2	517	617	383	506	23.16	cps
Potassium	39-2	20868929	20655870	20985237	20836679	0.80	cps
Rhodium	103-1	1613818	1598320	1602074	1604738	0.50	cps
Rhodium	103-2	1278073	1180118	1254152	1237448	4.13	cps
Scandium	45-1	1432759	1433356	1437946	1434687	0.20	cps
Scandium	45-2	97267	91645	95633	94848	3.05	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	47	57	42	49	15.70	cps
Selenium	82-1	53	-12	15	19	173.63	cps
Silicon	28-1	1971757	2000483	2003314	1991851	0.88	cps
Silver	109-1	1400	2234	4276	2637	56.12	cps
Silver	107-1	1658	2234	4684	2859	56.21	cps
Sodium	23-2	74250985	75048745	75509104	74936278	0.85	cps
Strontium	86-1	3534	3300	3317	3384	3.85	cps
Strontium	88-1	25466	24497	26050	25338	3.10	cps
Sulfur	34-1	199387	200324	205556	201756	1.65	cps
Terbium	159-1	2111759	2054735	2005374	2057289	2.59	cps
Terbium	159-2	1629750	1517677	1578496	1575307	3.56	cps
Thallium	203-1	450	300	450	400	21.65	cps
Thallium	205-1	850	875	825	850	2.94	cps
Tin	118-1	1133	975	983	1031	8.65	cps
Titanium	47-1	1867	1733	1742	1781	4.19	cps
Uranium	238-1	425	392	342	386	10.86	cps
Vanadium	51-2	210	193	253	219	14.15	cps
Yttrium	89-1	1998769	1978739	1985159	1987556	0.51	cps
Yttrium	89-2	500316	466907	487827	485017	3.48	cps
Zinc	66-2	4968	4774	4944	4895	2.16	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:08:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1067	1133	1075	1092	3.33	cps
Zirconium	91-1	267	233	225	242	9.12	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:43:06	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15882	15392	15555	15610	1.60	cps
Antimony	121-1	506513	506888	504575	505992	0.25	cps
Arsenic	75-2	41776	42085	42247	42036	0.57	cps
Barium	135-1	49878	50154	48816	49616	1.42	cps
Barium	137-1	85257	87085	87336	86559	1.31	cps
Beryllium	9-1	56187	57030	56377	56531	0.78	cps
Bismuth	209-1	1243488	1241998	1249766	1245084	0.33	cps
Bismuth	209-2	1152383	1159806	1151524	1154571	0.39	cps
Boron	10-1	35561	36706	35436	35901	1.95	cps
Boron	11-1	175138	177553	176010	176234	0.69	cps
Cadmium	111-1	61884	62016	62785	62228	0.78	cps
Cadmium	106-1	10121	9854	10404	10126	2.72	cps
Cadmium	108-1	6477	6010	6018	6168	4.33	cps
Calcium	43-1	17403	17820	17236	17486	1.72	cps
Calcium	44-1	281521	282874	279173	281189	0.67	cps
Chromium	52-2	121723	122113	121030	121622	0.45	cps
Cobalt	59-2	192506	197830	196122	195486	1.39	cps
Copper	63-2	139982	141616	140703	140767	0.58	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	50	33	50.00	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	17	0	8	8	100.02	cps
Gadolinium	160-2	3	20	3	9	108.30	cps
Holmium	165-1	1936338	1923706	1980524	1946856	1.53	cps
Holmium	165-2	1654017	1674490	1660363	1662957	0.63	cps
Indium	115-1	1819927	1801611	1786157	1802565	0.94	cps
Indium	115-2	603845	602733	604273	603617	0.13	cps
Iron	56-2	996872	1004722	1003377	1001657	0.42	cps
Iron	57-2	24950	24878	25212	25013	0.70	cps
Krypton	83-1	310	297	320	309	3.79	cps
Lead	206-1	273828	272393	274551	273591	0.40	cps
Lead	207-1	234650	238622	235668	236313	0.87	cps
Lead	208-1	1084338	1087228	1074014	1081860	0.64	cps
Lithium	6-1	463178	463239	462573	462997	0.08	cps
Magnesium	24-2	88616	89933	90462	89671	1.06	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 14:43:06 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	65000	65680	66253	65644	0.96	cps
Molybdenum	94-1	2326266	2293170	2338090	2319175	1.00	cps
Molybdenum	95-1	2742831	2778342	2781545	2767572	0.78	cps
Molybdenum	96-1	3040234	3033184	3017606	3030342	0.38	cps
Molybdenum	97-1	1707895	1726017	1694823	1709578	0.92	cps
Molybdenum	98-1	4266895	4365953	4344666	4325838	1.21	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53007	53131	53974	53371	0.99	cps
Phosphorus	31-2	508	467	450	475	6.33	cps
Potassium	39-2	189432	190597	192297	190775	0.76	cps
Rhodium	103-1	1796245	1808760	1815135	1806713	0.53	cps
Rhodium	103-2	1421124	1444986	1430322	1432144	0.84	cps
Scandium	45-1	1460034	1502843	1496316	1486398	1.55	cps
Scandium	45-2	99012	101540	101959	100837	1.58	cps
Selenium	77-2	650	597	660	636	5.36	cps
Selenium	78-2	2201	2200	2214	2205	0.35	cps
Selenium	82-1	8394	8339	8106	8280	1.85	cps
Silicon	28-1	2757768	2774425	2777879	2770024	0.39	cps
Silver	109-1	266782	268522	272434	269246	1.08	cps
Silver	107-1	287120	285892	282891	285301	0.76	cps
Sodium	23-2	310806	309857	303863	308175	1.22	cps
Strontium	86-1	391814	396398	386307	391506	1.29	cps
Strontium	88-1	3382820	3368548	3340083	3363817	0.65	cps
Sulfur	34-1	200790	199895	200121	200269	0.23	cps
Terbium	159-1	2136642	2070453	2134012	2113702	1.77	cps
Terbium	159-2	1711968	1744093	1752139	1736067	1.22	cps
Thallium	203-1	332613	331143	333160	332305	0.31	cps
Thallium	205-1	805330	803807	809652	806263	0.38	cps
Tin	118-1	886461	881307	879252	882340	0.42	cps
Titanium	47-1	889862	887005	893737	890201	0.38	cps
Uranium	238-1	2619825	2685329	2612323	2639159	1.52	cps
Vanadium	51-2	97993	98714	99211	98639	0.62	cps
Yttrium	89-1	2083488	2066396	2070468	2073451	0.43	cps
Yttrium	89-2	521159	526849	523400	523803	0.55	cps
Zinc	66-2	49197	50301	49538	49679	1.14	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:43:06	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2014366	1995394	1996092	2001950	0.54	cps
Zirconium	91-1	436047	443427	439557	439677	0.84	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 14:49:13 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	87	70	83	14.42	cps
Antimony	121-1	83	92	92	89	5.41	cps
Arsenic	75-2	2	5	2	3	57.74	cps
Barium	135-1	8	17	17	14	34.67	cps
Barium	137-1	33	17	50	33	50.00	cps
Beryllium	9-1	28	28	33	30	10.81	cps
Bismuth	209-1	1230270	1222424	1230958	1227884	0.39	cps
Bismuth	209-2	1151349	1139535	1160430	1150438	0.91	cps
Boron	10-1	275	325	258	286	12.13	cps
Boron	11-1	1300	1175	1433	1303	9.92	cps
Cadmium	111-1	228	341	433	334	30.82	cps
Cadmium	106-1	325	500	625	483	31.18	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Calcium	43-1	533	642	550	575	10.14	cps
Calcium	44-1	12781	13707	13248	13245	3.49	cps
Chromium	52-2	750	770	820	780	4.62	cps
Cobalt	59-2	27	57	80	54	49.10	cps
Copper	63-2	957	1103	953	1004	8.53	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	33	17	8	19	65.47	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	1902510	1933585	1902711	1912935	0.93	cps
Holmium	165-2	1673799	1674609	1660534	1669647	0.47	cps
Indium	115-1	1796616	1804499	1830367	1810494	0.98	cps
Indium	115-2	620767	614137	627125	620676	1.05	cps
Iron	56-2	1733	1739	1750	1741	0.49	cps
Iron	57-2	44	61	78	61	27.27	cps
Krypton	83-1	363	273	287	308	15.78	cps
Lead	206-1	1117	1100	1033	1083	4.07	cps
Lead	207-1	911	983	939	945	3.86	cps
Lead	208-1	4267	4273	4067	4202	2.79	cps
Lithium	6-1	446121	447199	443977	445766	0.37	cps
Magnesium	24-2	100	108	83	97	13.09	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:49:13	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	90	63	80	18.17	cps
Molybdenum	94-1	158	92	92	114	33.80	cps
Molybdenum	95-1	50	33	33	39	24.75	cps
Molybdenum	96-1	75	58	108	81	31.61	cps
Molybdenum	97-1	83	92	125	100	22.04	cps
Molybdenum	98-1	42	83	75	67	33.07	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	57	117	74	49.32	cps
Phosphorus	31-2	475	408	583	489	18.07	cps
Potassium	39-2	25607	27369	25966	26314	3.54	cps
Rhodium	103-1	1783621	1752572	1797310	1777834	1.29	cps
Rhodium	103-2	1456374	1434600	1462445	1451140	1.01	cps
Scandium	45-1	1474797	1471102	1468551	1471483	0.21	cps
Scandium	45-2	100620	100257	100929	100602	0.33	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	38	37	47	41	13.54	cps
Selenium	82-1	-77	8	-10	-26	-170.30	cps
Silicon	28-1	2094448	2071496	2127620	2097855	1.35	cps
Silver	109-1	183	133	158	158	15.79	cps
Silver	107-1	150	133	117	133	12.50	cps
Sodium	23-2	15100	14875	14191	14722	3.22	cps
Strontium	86-1	425	475	425	442	6.54	cps
Strontium	88-1	58	67	50	58	14.29	cps
Sulfur	34-1	197899	194739	193778	195472	1.10	cps
Terbium	159-1	2089226	2032984	2096823	2073011	1.68	cps
Terbium	159-2	1721499	1703794	1743874	1723055	1.17	cps
Thallium	203-1	75	42	58	58	28.57	cps
Thallium	205-1	108	150	108	122	19.68	cps
Tin	118-1	117	142	150	136	12.74	cps
Titanium	47-1	1500	1325	1217	1347	10.61	cps
Uranium	238-1	25	58	17	33	66.14	cps
Vanadium	51-2	43	30	30	34	22.34	cps
Yttrium	89-1	2025367	2027790	2026345	2026501	0.06	cps
Yttrium	89-2	528476	517098	526663	524079	1.17	cps
Zinc	66-2	100	107	100	102	3.77	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:49:13	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	175	133	125	144	18.54	cps
Zirconium	91-1	50	50	25	42	34.64	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:52:53	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2573215	2499045	2551554	2541271	1.50	cps
Antimony	121-1	2817	2850	2859	2842	0.78	cps
Arsenic	75-2	87	70	66	74	15.00	cps
Barium	135-1	867	708	750	775	10.59	cps
Barium	137-1	1450	1492	1300	1414	7.13	cps
Beryllium	9-1	233	150	222	202	22.42	cps
Bismuth	209-1	1294891	1335167	1196991	1275683	5.57	cps
Bismuth	209-2	1170630	1156054	1164235	1163640	0.63	cps
Boron	10-1	275	325	183	261	27.52	cps
Boron	11-1	1517	1575	1450	1514	4.13	cps
Cadmium	111-1	650	588	463	567	16.78	cps
Cadmium	106-1	467	517	450	478	7.26	cps
Cadmium	108-1	354	325	396	358	9.94	cps
Calcium	43-1	749960	753694	738707	747454	1.04	cps
Calcium	44-1	12185786	12135516	12215088	12178797	0.33	cps
Chromium	52-2	25393	24922	25156	25157	0.94	cps
Cobalt	59-2	2287	2417	2257	2320	3.67	cps
Copper	63-2	11415	11385	11672	11490	1.37	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	10	23	10	14	53.28	cps
Holmium	165-1	2057229	2178335	1924473	2053346	6.18	cps
Holmium	165-2	1722446	1691138	1711485	1708356	0.93	cps
Indium	115-1	1895392	1941139	1727192	1854574	6.07	cps
Indium	115-2	612474	597257	600683	603472	1.32	cps
Iron	56-2	95069388	93472380	95210749	94584172	1.02	cps
Iron	57-2	2415522	2413245	2409325	2412697	0.13	cps
Krypton	83-1	343	307	320	323	5.74	cps
Lead	206-1	7258	7341	6730	7110	4.66	cps
Lead	207-1	5712	5473	5690	5625	2.35	cps
Lead	208-1	26300	26077	26267	26214	0.46	cps
Lithium	6-1	432389	437273	394632	421431	5.54	cps
Magnesium	24-2	6801227	6787124	6834851	6807734	0.36	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 14:52:53 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4904	5021	4991	4972	1.22	cps
Molybdenum	94-1	1267284	1243394	1242366	1251015	1.13	cps
Molybdenum	95-1	2218768	2161906	2202598	2194424	1.34	cps
Molybdenum	96-1	2329746	2354876	2348424	2344349	0.56	cps
Molybdenum	97-1	1356018	1358884	1355271	1356725	0.14	cps
Molybdenum	98-1	3434602	3395733	3425109	3418481	0.59	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	2720	2877	2717	2771	3.30	cps
Phosphorus	31-2	240099	236971	239561	238877	0.70	cps
Potassium	39-2	7700142	7595434	7725205	7673593	0.90	cps
Rhodium	103-1	1781419	1873431	1655094	1769981	6.19	cps
Rhodium	103-2	1406891	1388904	1380081	1391959	0.98	cps
Scandium	45-1	1526807	1564699	1340051	1477186	8.14	cps
Scandium	45-2	95944	94921	95135	95333	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	43	38	41	6.19	cps
Selenium	82-1	-53	-28	-41	-41	-31.47	cps
Silicon	28-1	2045672	2035259	2026102	2035678	0.48	cps
Silver	109-1	308	208	325	281	22.49	cps
Silver	107-1	258	283	250	264	6.57	cps
Sodium	23-2	13668864	13598546	13580276	13615895	0.34	cps
Strontium	86-1	24322	25558	24439	24773	2.75	cps
Strontium	88-1	210263	210036	208394	209564	0.49	cps
Sulfur	34-1	1263032	1275088	1239771	1259297	1.43	cps
Terbium	159-1	2190893	2291762	2051553	2178069	5.54	cps
Terbium	159-2	1810582	1793772	1762639	1788998	1.36	cps
Thallium	203-1	33	8	8	17	86.62	cps
Thallium	205-1	83	58	75	72	17.62	cps
Tin	118-1	500	342	417	419	18.88	cps
Titanium	47-1	735281	722561	715162	724335	1.40	cps
Uranium	238-1	58	108	108	92	31.49	cps
Vanadium	51-2	140	197	140	159	20.59	cps
Yttrium	89-1	2114149	2209259	1942707	2088705	6.47	cps
Yttrium	89-2	521235	515650	511359	516081	0.96	cps
Zinc	66-2	2904	3070	2887	2954	3.43	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:52:53	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	250	183	125	186	33.61	cps
Zirconium	91-1	33	100	33	56	69.29	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 14:56:30 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2505263	2489684	2459502	2484816	0.94	cps
Antimony	121-1	54687	55256	55499	55147	0.76	cps
Arsenic	75-2	3959	3987	3996	3981	0.48	cps
Barium	135-1	11272	11180	11238	11230	0.41	cps
Barium	137-1	19624	19064	19189	19292	1.52	cps
Beryllium	9-1	10687	10949	10977	10871	1.47	cps
Bismuth	209-1	1303085	1307016	1308611	1306237	0.22	cps
Bismuth	209-2	1181338	1165501	1172663	1173167	0.68	cps
Boron	10-1	3534	3617	3892	3681	5.10	cps
Boron	11-1	17778	18546	17936	18087	2.24	cps
Cadmium	111-1	12619	12841	12294	12585	2.18	cps
Cadmium	106-1	2050	1875	2175	2034	7.41	cps
Cadmium	108-1	1317	1283	1513	1371	9.03	cps
Calcium	43-1	722617	727555	724918	725030	0.34	cps
Calcium	44-1	11823778	11945123	11917381	11895427	0.53	cps
Chromium	52-2	48601	48169	47343	48038	1.33	cps
Cobalt	59-2	40769	39422	39258	39817	2.08	cps
Copper	63-2	38587	38707	38861	38718	0.35	cps
Dysprosium	156-1	25	33	0	19	89.21	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	0	42	17	19	107.85	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	8	33	17	19	65.47	cps
Gadolinium	160-2	10	23	7	13	66.12	cps
Holmium	165-1	2067161	2090343	2110227	2089244	1.03	cps
Holmium	165-2	1726568	1718537	1689406	1711504	1.14	cps
Indium	115-1	1849932	1849262	1891772	1863655	1.31	cps
Indium	115-2	598442	602754	593708	598301	0.76	cps
Iron	56-2	93739008	94515980	93683969	93979652	0.50	cps
Iron	57-2	2374642	2346552	2363814	2361669	0.60	cps
Krypton	83-1	290	327	297	304	6.42	cps
Lead	206-1	35260	35895	35399	35518	0.94	cps
Lead	207-1	29106	29089	29740	29312	1.27	cps
Lead	208-1	135486	137155	138093	136911	0.96	cps
Lithium	6-1	391384	394505	396502	394130	0.65	cps
Magnesium	24-2	6718697	6534950	6528494	6594047	1.64	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:56:30	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17491	17781	17221	17498	1.60	cps
Molybdenum	94-1	1354126	1368570	1342708	1355135	0.96	cps
Molybdenum	95-1	2247559	2274499	2262097	2261385	0.60	cps
Molybdenum	96-1	2444363	2420241	2449934	2438179	0.65	cps
Molybdenum	97-1	1392048	1410727	1407163	1403313	0.71	cps
Molybdenum	98-1	3470680	3596197	3508730	3525202	1.83	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	12829	12806	12586	12740	1.05	cps
Phosphorus	31-2	235315	234702	228272	232763	1.68	cps
Potassium	39-2	7618704	7638892	7483959	7580518	1.11	cps
Rhodium	103-1	1756924	1785983	1759489	1767466	0.91	cps
Rhodium	103-2	1406441	1393386	1401080	1400302	0.47	cps
Scandium	45-1	1439083	1443483	1424872	1435813	0.68	cps
Scandium	45-2	93401	93253	93461	93371	0.11	cps
Selenium	77-2	63	33	50	49	30.75	cps
Selenium	78-2	243	268	236	249	6.76	cps
Selenium	82-1	813	772	837	807	4.04	cps
Silicon	28-1	2003089	2014432	2009333	2008951	0.28	cps
Silver	109-1	51131	50445	51315	50963	0.90	cps
Silver	107-1	53666	54745	53289	53900	1.40	cps
Sodium	23-2	13609729	13529678	13182681	13440696	1.69	cps
Strontium	86-1	72995	71956	73053	72668	0.85	cps
Strontium	88-1	624145	624848	623707	624233	0.09	cps
Sulfur	34-1	1200216	1187500	1174043	1187253	1.10	cps
Terbium	159-1	2213387	2227774	2281678	2240946	1.61	cps
Terbium	159-2	1782855	1752974	1763899	1766576	0.86	cps
Thallium	203-1	34923	35659	34406	34996	1.80	cps
Thallium	205-1	83666	83565	82123	83118	1.04	cps
Tin	118-1	93894	95044	97050	95330	1.68	cps
Titanium	47-1	718849	727106	729055	725003	0.75	cps
Uranium	238-1	297614	300532	298459	298868	0.50	cps
Vanadium	51-2	19160	19163	18943	19089	0.66	cps
Yttrium	89-1	2124281	2117516	2102477	2114758	0.53	cps
Yttrium	89-2	512614	512158	510096	511623	0.26	cps
Zinc	66-2	7909	7799	7909	7872	0.81	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 14:56:30	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	210470	209403	210861	210245	0.36	cps
Zirconium	91-1	47057	47550	48227	47611	1.23	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:00:06	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1576065	1599890	1576037	1583997	0.87	cps
Antimony	121-1	1358456	1334972	1323143	1338857	1.34	cps
Arsenic	75-2	107101	105776	106047	106308	0.66	cps
Barium	135-1	1340181	1335964	1333464	1336536	0.25	cps
Barium	137-1	2272983	2260751	2245327	2259687	0.61	cps
Beryllium	9-1	282734	279037	280356	280709	0.67	cps
Bismuth	209-1	1196209	1253186	1263069	1237488	2.92	cps
Bismuth	209-2	1140888	1120974	1124322	1128728	0.94	cps
Boron	10-1	31460	31017	30433	30970	1.66	cps
Boron	11-1	146491	146230	151854	148192	2.14	cps
Cadmium	111-1	305551	303224	301996	303590	0.59	cps
Cadmium	106-1	31437	32648	32698	32261	2.21	cps
Cadmium	108-1	22644	21868	22164	22225	1.76	cps
Calcium	43-1	1835435	1801143	1826449	1821009	0.98	cps
Calcium	44-1	29667291	29429125	29591292	29562569	0.41	cps
Chromium	52-2	629638	627529	629715	628961	0.20	cps
Cobalt	59-2	981709	977941	977127	978926	0.25	cps
Copper	63-2	1358962	1355079	1345503	1353181	0.51	cps
Dysprosium	156-1	75	33	17	42	72.11	cps
Dysprosium	156-2	20	10	7	12	56.76	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	25	8	33	22	57.29	cps
Gadolinium	160-2	7	30	20	19	61.96	cps
Holmium	165-1	1934331	2043526	2044095	2007317	3.15	cps
Holmium	165-2	1690398	1687483	1708607	1695496	0.68	cps
Indium	115-1	1679096	1796323	1809592	1761671	4.08	cps
Indium	115-2	599909	591686	589256	593617	0.94	cps
Iron	56-2	121818767	122484628	121290575	121864656	0.49	cps
Iron	57-2	3054318	3078788	3055314	3062806	0.45	cps
Krypton	83-1	317	313	327	319	2.18	cps
Lead	206-1	695827	693069	692166	693687	0.27	cps
Lead	207-1	631803	618177	623927	624635	1.10	cps
Lead	208-1	2828805	2807156	2808417	2814793	0.43	cps
Lithium	6-1	376772	395498	401812	391361	3.33	cps
Magnesium	24-2	16907959	17165000	17135181	17069380	0.82	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:00:06	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	684271	676807	677757	679612	0.60	cps
Molybdenum	94-1	2361708	2373548	2312826	2349360	1.37	cps
Molybdenum	95-1	2895723	2885064	2920794	2900527	0.63	cps
Molybdenum	96-1	3233261	3267076	3256282	3252206	0.53	cps
Molybdenum	97-1	1768884	1799762	1770155	1779600	0.98	cps
Molybdenum	98-1	4555380	4598570	4502414	4552121	1.06	cps
Neodymium	150-1	107	53	67	76	36.74	cps
Neodymium	150-2	27	20	30	26	19.92	cps
Nickel	60-2	261897	259407	262297	261200	0.60	cps
Phosphorus	31-2	26801	25974	25507	26094	2.51	cps
Potassium	39-2	10103634	10173584	10179510	10152243	0.42	cps
Rhodium	103-1	1586076	1734237	1717109	1679140	4.83	cps
Rhodium	103-2	1385641	1388148	1382605	1385465	0.20	cps
Scandium	45-1	1343898	1434352	1485300	1421183	5.04	cps
Scandium	45-2	96666	97454	98465	97528	0.92	cps
Selenium	77-2	1560	1657	1643	1620	3.23	cps
Selenium	78-2	5538	5530	5622	5563	0.92	cps
Selenium	82-1	21099	20921	21160	21060	0.59	cps
Silicon	28-1	2617826	2558309	2614034	2596723	1.28	cps
Silver	109-1	1339619	1333559	1327645	1333608	0.45	cps
Silver	107-1	1427615	1413922	1422418	1421318	0.49	cps
Sodium	23-2	34411276	34901558	34333958	34548931	0.89	cps
Strontium	86-1	364584	361784	361745	362705	0.45	cps
Strontium	88-1	3061329	3170195	3117562	3116362	1.75	cps
Sulfur	34-1	275028	278164	277368	276853	0.59	cps
Terbium	159-1	2071419	2202373	2222677	2165490	3.79	cps
Terbium	159-2	1765997	1757543	1769387	1764309	0.35	cps
Thallium	203-1	853334	855293	849243	852623	0.36	cps
Thallium	205-1	2068184	2071876	2052873	2064311	0.49	cps
Tin	118-1	876532	868851	865492	870292	0.65	cps
Titanium	47-1	930442	927334	931003	929593	0.21	cps
Uranium	238-1	2800411	2790830	2739617	2776953	1.18	cps
Vanadium	51-2	523038	517604	521618	520753	0.54	cps
Yttrium	89-1	1969471	2084389	2114610	2056157	3.72	cps
Yttrium	89-2	525264	519602	523605	522823	0.56	cps
Zinc	66-2	245433	247258	245488	246060	0.42	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:00:06	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1979118	1981824	2005970	1988971	0.74	cps
Zirconium	91-1	441682	439591	431464	437579	1.23	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P8
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 15:09:05 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	103	110	108	3.57	cps
Antimony	121-1	142	92	108	114	22.35	cps
Arsenic	75-2	4	2	10	5	78.06	cps
Barium	135-1	17	33	8	19	65.47	cps
Barium	137-1	33	67	50	50	33.34	cps
Beryllium	9-1	33	28	28	30	10.81	cps
Bismuth	209-1	1296359	1320978	1209014	1275450	4.61	cps
Bismuth	209-2	1172623	1162702	1157201	1164175	0.67	cps
Boron	10-1	333	308	375	339	9.94	cps
Boron	11-1	1508	1275	1517	1433	9.57	cps
Cadmium	111-1	288	370	290	316	14.76	cps
Cadmium	106-1	408	525	408	447	15.06	cps
Cadmium	108-1	8	8	0	6	86.60	cps
Calcium	43-1	617	567	683	622	9.41	cps
Calcium	44-1	12789	13524	13115	13143	2.80	cps
Chromium	52-2	963	773	880	872	10.92	cps
Cobalt	59-2	97	43	57	66	42.34	cps
Copper	63-2	943	923	903	923	2.17	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	8	17	8	11	43.34	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	2047963	2052775	1913220	2004653	3.95	cps
Holmium	165-2	1655918	1699626	1692984	1682843	1.40	cps
Indium	115-1	1911477	1903686	1769511	1861558	4.29	cps
Indium	115-2	618097	614382	617435	616638	0.32	cps
Iron	56-2	3695	3667	3751	3704	1.15	cps
Iron	57-2	111	139	133	128	11.50	cps
Krypton	83-1	310	340	337	329	5.00	cps
Lead	206-1	561	572	428	520	15.45	cps
Lead	207-1	456	444	539	480	10.76	cps
Lead	208-1	2006	2061	2000	2022	1.67	cps
Lithium	6-1	456057	453409	426397	445288	3.69	cps
Magnesium	24-2	517	383	433	444	15.16	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:09:05	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	23	67	44	48.81	cps
Molybdenum	94-1	150	125	92	122	23.95	cps
Molybdenum	95-1	33	25	50	36	35.25	cps
Molybdenum	96-1	75	83	58	72	17.63	cps
Molybdenum	97-1	92	50	75	72	29.04	cps
Molybdenum	98-1	75	75	67	72	6.66	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	57	70	87	71	21.14	cps
Phosphorus	31-2	442	483	500	475	6.33	cps
Potassium	39-2	25807	25573	25432	25604	0.74	cps
Rhodium	103-1	1828562	1902443	1749379	1826795	4.19	cps
Rhodium	103-2	1462154	1452829	1452893	1455959	0.37	cps
Scandium	45-1	1520323	1513827	1442009	1492053	2.91	cps
Scandium	45-2	99065	97280	96927	97757	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	34	35	43	37	13.21	cps
Selenium	82-1	-61	-66	-66	-64	-4.94	cps
Silicon	28-1	2059805	2034012	2081756	2058525	1.16	cps
Silver	109-1	217	217	183	206	9.36	cps
Silver	107-1	275	233	275	261	9.21	cps
Sodium	23-2	22101	21909	21742	21917	0.82	cps
Strontium	86-1	383	350	433	389	10.78	cps
Strontium	88-1	67	50	50	56	17.32	cps
Sulfur	34-1	182336	184008	182209	182851	0.55	cps
Terbium	159-1	2209405	2228486	2030505	2156132	5.07	cps
Terbium	159-2	1755507	1723528	1760550	1746528	1.15	cps
Thallium	203-1	83	58	83	75	19.24	cps
Thallium	205-1	158	208	183	183	13.64	cps
Tin	118-1	142	208	142	164	23.49	cps
Titanium	47-1	1250	1292	1442	1328	7.59	cps
Uranium	238-1	42	8	25	25	66.68	cps
Vanadium	51-2	20	27	23	23	14.29	cps
Yttrium	89-1	2123892	2139040	2004445	2089126	3.53	cps
Yttrium	89-2	527824	520574	520420	522939	0.81	cps
Zinc	66-2	110	70	73	84	26.28	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:09:05	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	217	192	175	194	10.78	cps
Zirconium	91-1	25	50	33	36	35.25	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:12:46	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630	750	783	721	11.18	cps
Antimony	121-1	5034	5026	5059	5040	0.34	cps
Arsenic	75-2	203	217	224	215	4.98	cps
Barium	135-1	4901	5343	4934	5059	4.86	cps
Barium	137-1	9587	9178	8887	9217	3.82	cps
Beryllium	9-1	589	633	578	600	4.90	cps
Bismuth	209-1	1306355	1289891	1294687	1296978	0.65	cps
Bismuth	209-2	1173590	1166439	1162939	1167656	0.46	cps
Boron	10-1	1450	1708	1742	1633	9.77	cps
Boron	11-1	7761	8086	8486	8111	4.48	cps
Cadmium	111-1	1003	940	975	973	3.22	cps
Cadmium	106-1	583	542	583	569	4.23	cps
Cadmium	108-1	50	50	42	47	10.18	cps
Calcium	43-1	3934	4242	4509	4229	6.81	cps
Calcium	44-1	73701	73793	75503	74332	1.36	cps
Chromium	52-2	3370	3144	3134	3216	4.16	cps
Cobalt	59-2	2080	2014	1833	1976	6.46	cps
Copper	63-2	3724	3587	3854	3722	3.58	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	2017786	2061206	2012289	2030427	1.32	cps
Holmium	165-2	1671595	1701520	1669168	1680761	1.07	cps
Indium	115-1	1874826	1867954	1895426	1879402	0.76	cps
Indium	115-2	624611	625891	617778	622760	0.70	cps
Iron	56-2	54088	55164	54891	54715	1.02	cps
Iron	57-2	1489	1245	1183	1306	12.38	cps
Krypton	83-1	297	250	297	281	9.58	cps
Lead	206-1	1750	1834	1828	1804	2.58	cps
Lead	207-1	1533	1289	1650	1491	12.36	cps
Lead	208-1	6906	6695	7340	6981	4.71	cps
Lithium	6-1	435184	434959	435721	435288	0.09	cps
Magnesium	24-2	36522	37383	37767	37224	1.71	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:12:46	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	753	833	750	779	6.06	cps
Molybdenum	94-1	4267	4868	4209	4448	8.20	cps
Molybdenum	95-1	6510	5651	5843	6001	7.51	cps
Molybdenum	96-1	6185	6235	6402	6274	1.81	cps
Molybdenum	97-1	3392	3626	3367	3462	4.12	cps
Molybdenum	98-1	9395	9529	9237	9387	1.56	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	550	617	553	573	6.55	cps
Phosphorus	31-2	617	517	517	550	10.50	cps
Potassium	39-2	66749	65234	65678	65887	1.18	cps
Rhodium	103-1	1805533	1847928	1832392	1828617	1.17	cps
Rhodium	103-2	1463902	1471818	1459392	1465037	0.43	cps
Scandium	45-1	1520977	1518226	1512202	1517135	0.30	cps
Scandium	45-2	100210	98914	98740	99288	0.81	cps
Selenium	77-2	20	30	13	21	39.75	cps
Selenium	78-2	101	103	99	101	1.98	cps
Selenium	82-1	163	228	148	179	23.73	cps
Silicon	28-1	2061134	2041983	2074429	2059182	0.79	cps
Silver	109-1	2634	2434	2584	2550	4.08	cps
Silver	107-1	2867	2659	2842	2789	4.08	cps
Sodium	23-2	89715	87795	90672	89394	1.64	cps
Strontium	86-1	1050	1183	883	1039	14.47	cps
Strontium	88-1	6268	6043	6160	6157	1.83	cps
Sulfur	34-1	179702	184361	180672	181578	1.35	cps
Terbium	159-1	2182412	2200680	2203527	2195540	0.52	cps
Terbium	159-2	1772573	1765258	1743269	1760367	0.87	cps
Thallium	203-1	1608	1642	1850	1700	7.70	cps
Thallium	205-1	3992	4376	4017	4129	5.20	cps
Tin	118-1	8545	8645	8461	8550	1.07	cps
Titanium	47-1	3184	2975	3584	3248	9.52	cps
Uranium	238-1	4993	4709	4901	4868	2.97	cps
Vanadium	51-2	4938	5254	5204	5132	3.32	cps
Yttrium	89-1	2104303	2107019	2104081	2105134	0.08	cps
Yttrium	89-2	528099	529112	527791	528334	0.13	cps
Zinc	66-2	593	503	560	552	8.24	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:12:46	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4067	3892	4117	4026	2.94	cps
Zirconium	91-1	925	658	958	847	19.41	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:16:27	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25005	25176	25586	25256	1.18	cps
Antimony	121-1	67	75	67	69	6.93	cps
Arsenic	75-2	18	15	12	15	20.00	cps
Barium	135-1	24440	24264	24515	24406	0.53	cps
Barium	137-1	41599	42610	42419	42209	1.27	cps
Beryllium	9-1	117	78	89	94	21.21	cps
Bismuth	209-1	1268401	1288985	1280781	1279389	0.81	cps
Bismuth	209-2	1161709	1152828	1152440	1155659	0.45	cps
Boron	10-1	208	300	283	264	18.50	cps
Boron	11-1	1292	1317	1142	1250	7.57	cps
Cadmium	111-1	343	341	390	358	7.80	cps
Cadmium	106-1	475	475	550	500	8.66	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	1375	1725	1508	1536	11.50	cps
Calcium	44-1	25958	25440	26417	25938	1.88	cps
Chromium	52-2	4284	4091	4124	4166	2.48	cps
Cobalt	59-2	1257	1357	1257	1290	4.48	cps
Copper	63-2	1847	1910	1974	1910	3.32	cps
Dysprosium	156-1	683	742	575	667	12.69	cps
Dysprosium	156-2	513	533	523	523	1.91	cps
Erbium	164-1	567	592	667	608	8.55	cps
Erbium	164-2	483	470	540	498	7.47	cps
Gadolinium	160-1	733	733	558	675	14.97	cps
Gadolinium	160-2	613	660	630	634	3.73	cps
Holmium	165-1	2060648	2024085	2048094	2044276	0.91	cps
Holmium	165-2	1676064	1666868	1678333	1673755	0.36	cps
Indium	115-1	1832714	1864357	1852932	1850001	0.87	cps
Indium	115-2	619936	622090	624036	622021	0.33	cps
Iron	56-2	446398	446838	456948	450062	1.33	cps
Iron	57-2	11321	11349	11138	11270	1.02	cps
Krypton	83-1	287	253	247	262	8.17	cps
Lead	206-1	1295	1250	1272	1272	1.75	cps
Lead	207-1	1156	1050	1145	1117	5.19	cps
Lead	208-1	5173	4967	5006	5049	2.16	cps
Lithium	6-1	422923	419892	425590	422802	0.67	cps
Magnesium	24-2	13932	13740	13482	13718	1.65	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:16:27	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1910	2020	1990	1973	2.88	cps
Molybdenum	94-1	558	508	750	606	21.07	cps
Molybdenum	95-1	8	0	25	11	114.58	cps
Molybdenum	96-1	200	142	133	158	22.94	cps
Molybdenum	97-1	117	83	150	117	28.57	cps
Molybdenum	98-1	42	50	42	44	10.82	cps
Neodymium	150-1	867	973	973	938	6.57	cps
Neodymium	150-2	647	610	570	609	6.30	cps
Nickel	60-2	1133	1057	1077	1089	3.65	cps
Phosphorus	31-2	367	567	392	442	24.67	cps
Potassium	39-2	27903	27268	27878	27683	1.30	cps
Rhodium	103-1	1806837	1827932	1832314	1822361	0.75	cps
Rhodium	103-2	1447389	1464739	1452820	1454983	0.61	cps
Scandium	45-1	1505091	1473265	1464620	1480992	1.44	cps
Scandium	45-2	100569	100223	102645	101146	1.29	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	43	43	45	44	2.64	cps
Selenium	82-1	22	15	40	25	50.90	cps
Silicon	28-1	2456628	2447849	2461461	2455313	0.28	cps
Silver	109-1	117	108	108	111	4.33	cps
Silver	107-1	167	75	133	125	37.12	cps
Sodium	23-2	19455	19631	19789	19625	0.85	cps
Strontium	86-1	1325	1317	1350	1331	1.30	cps
Strontium	88-1	8428	8495	8303	8408	1.16	cps
Sulfur	34-1	180083	181720	178580	180128	0.87	cps
Terbium	159-1	2182983	2146721	2190272	2173325	1.07	cps
Terbium	159-2	1754685	1732587	1747227	1744833	0.64	cps
Thallium	203-1	83	75	58	72	17.62	cps
Thallium	205-1	108	125	133	122	10.41	cps
Tin	118-1	167	125	208	167	25.00	cps
Titanium	47-1	2725	2934	2817	2825	3.70	cps
Uranium	238-1	817	1233	1225	1092	21.82	cps
Vanadium	51-2	1913	1993	1933	1947	2.14	cps
Yttrium	89-1	2115721	2105923	2107940	2109861	0.25	cps
Yttrium	89-2	530308	534724	531949	532327	0.42	cps
Zinc	66-2	1037	943	1070	1017	6.46	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:16:27	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1817	1867	1642	1775	6.66	cps
Zirconium	91-1	475	342	333	383	20.74	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:20:08	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24468	24638	24468	24525	0.40	cps
Antimony	121-1	50	83	25	53	55.46	cps
Arsenic	75-2	15	13	8	12	30.05	cps
Barium	135-1	22211	22570	23221	22667	2.26	cps
Barium	137-1	38874	38841	39401	39039	0.80	cps
Beryllium	9-1	122	117	61	100	33.80	cps
Bismuth	209-1	1220322	1223441	1209336	1217700	0.61	cps
Bismuth	209-2	1146240	1147259	1148008	1147169	0.08	cps
Boron	10-1	183	292	258	244	22.70	cps
Boron	11-1	925	1000	1167	1031	12.00	cps
Cadmium	111-1	240	373	377	330	23.52	cps
Cadmium	106-1	342	508	525	458	22.12	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	1367	1425	1325	1372	3.66	cps
Calcium	44-1	24271	24113	24789	24391	1.45	cps
Chromium	52-2	4311	4101	4051	4154	3.32	cps
Cobalt	59-2	1307	1230	1187	1241	4.90	cps
Copper	63-2	1883	2084	1937	1968	5.26	cps
Dysprosium	156-1	717	692	658	689	4.25	cps
Dysprosium	156-2	437	583	523	514	14.33	cps
Erbium	164-1	742	567	600	636	14.61	cps
Erbium	164-2	470	477	463	470	1.42	cps
Gadolinium	160-1	583	683	692	653	9.24	cps
Gadolinium	160-2	543	627	567	579	7.43	cps
Holmium	165-1	1894073	1956023	1923893	1924663	1.61	cps
Holmium	165-2	1653050	1674860	1674343	1667418	0.75	cps
Indium	115-1	1804566	1783464	1793656	1793896	0.59	cps
Indium	115-2	609963	617862	612038	613288	0.67	cps
Iron	56-2	435412	436638	440280	437444	0.58	cps
Iron	57-2	10743	10465	10360	10523	1.88	cps
Krypton	83-1	213	233	273	240	12.73	cps
Lead	206-1	1245	1250	1361	1285	5.12	cps
Lead	207-1	983	1033	989	1002	2.74	cps
Lead	208-1	4750	4734	5201	4895	5.41	cps
Lithium	6-1	376439	384206	386291	382312	1.36	cps
Magnesium	24-2	13106	13598	13515	13407	1.96	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:20:08	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2017	1937	1973	1976	2.03	cps
Molybdenum	94-1	608	600	500	569	10.59	cps
Molybdenum	95-1	42	17	33	31	41.66	cps
Molybdenum	96-1	200	158	158	172	13.97	cps
Molybdenum	97-1	50	75	75	67	21.65	cps
Molybdenum	98-1	58	25	25	36	53.30	cps
Neodymium	150-1	833	847	960	880	7.91	cps
Neodymium	150-2	660	617	663	647	4.03	cps
Nickel	60-2	990	1083	997	1023	5.09	cps
Phosphorus	31-2	608	542	533	561	7.33	cps
Potassium	39-2	27987	27786	27327	27700	1.22	cps
Rhodium	103-1	1761332	1728396	1781291	1757007	1.52	cps
Rhodium	103-2	1434058	1452406	1450153	1445539	0.69	cps
Scandium	45-1	1443360	1429543	1415012	1429305	0.99	cps
Scandium	45-2	98236	99404	98740	98794	0.59	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	51	41	42	45	12.34	cps
Selenium	82-1	55	48	7	37	70.77	cps
Silicon	28-1	2366208	2399247	2395261	2386905	0.76	cps
Silver	109-1	133	108	100	114	15.23	cps
Silver	107-1	92	167	125	128	29.41	cps
Sodium	23-2	19080	18571	19330	18994	2.04	cps
Strontium	86-1	1533	1392	1275	1400	9.24	cps
Strontium	88-1	8136	7827	8069	8011	2.03	cps
Sulfur	34-1	178496	179384	180117	179332	0.45	cps
Terbium	159-1	2062095	2093265	2058032	2071130	0.93	cps
Terbium	159-2	1734346	1731676	1742631	1736218	0.33	cps
Thallium	203-1	83	75	25	61	51.63	cps
Thallium	205-1	175	133	92	133	31.25	cps
Tin	118-1	125	125	117	122	3.94	cps
Titanium	47-1	2409	2525	2692	2542	5.60	cps
Uranium	238-1	1225	1242	975	1147	13.02	cps
Vanadium	51-2	1793	1837	2014	1881	6.20	cps
Yttrium	89-1	2020023	1962669	2008241	1996978	1.52	cps
Yttrium	89-2	527280	525774	521295	524783	0.59	cps
Zinc	66-2	973	917	933	941	3.09	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02DUPDLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)DUPDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:20:08	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1508	1650	1667	1608	5.41	cps
Zirconium	91-1	408	367	392	389	5.39	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX625	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	625
Date & Time Acquired ::	2019-06-02 15:23:49	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4964	5218	4914	5032	3.23	cps
Antimony	121-1	25	33	42	33	25.01	cps
Arsenic	75-2	3	6	3	4	43.30	cps
Barium	135-1	4484	4142	4534	4387	4.86	cps
Barium	137-1	7936	7803	7519	7752	2.75	cps
Beryllium	9-1	17	28	28	24	26.64	cps
Bismuth	209-1	1234839	1239167	1238810	1237605	0.19	cps
Bismuth	209-2	1183052	1151242	1147450	1160582	1.68	cps
Boron	10-1	167	200	192	186	9.32	cps
Boron	11-1	1100	883	867	950	13.70	cps
Cadmium	111-1	376	331	354	354	6.42	cps
Cadmium	106-1	542	467	500	503	7.47	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	783	775	892	817	7.97	cps
Calcium	44-1	15843	15809	15759	15804	0.27	cps
Chromium	52-2	1427	1513	1540	1493	3.97	cps
Cobalt	59-2	237	313	290	280	14.04	cps
Copper	63-2	1183	1063	1123	1123	5.34	cps
Dysprosium	156-1	125	175	108	136	25.49	cps
Dysprosium	156-2	97	113	113	108	8.93	cps
Erbium	164-1	142	67	83	97	40.50	cps
Erbium	164-2	80	140	77	99	36.04	cps
Gadolinium	160-1	192	150	100	147	31.18	cps
Gadolinium	160-2	103	133	140	126	15.55	cps
Holmium	165-1	1974078	1985144	1937465	1965562	1.27	cps
Holmium	165-2	1724509	1698968	1667500	1696992	1.68	cps
Indium	115-1	1796688	1787518	1782778	1788995	0.40	cps
Indium	115-2	632979	621184	618356	624173	1.24	cps
Iron	56-2	89636	89300	90032	89656	0.41	cps
Iron	57-2	2378	2195	2195	2256	4.69	cps
Krypton	83-1	300	200	273	258	20.09	cps
Lead	206-1	444	578	506	509	13.11	cps
Lead	207-1	478	456	317	417	20.95	cps
Lead	208-1	2028	2006	1978	2004	1.25	cps
Lithium	6-1	385531	384605	385458	385198	0.13	cps
Magnesium	24-2	2917	3175	2875	2989	5.44	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX625	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	625
Date & Time Acquired ::	2019-06-02 15:23:49	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	417	457	367	413	10.91	cps
Molybdenum	94-1	183	308	133	208	43.27	cps
Molybdenum	95-1	8	17	25	17	50.01	cps
Molybdenum	96-1	50	50	75	58	24.74	cps
Molybdenum	97-1	100	100	100	100	0.00	cps
Molybdenum	98-1	42	25	33	33	25.01	cps
Neodymium	150-1	187	180	193	187	3.57	cps
Neodymium	150-2	123	117	113	118	4.33	cps
Nickel	60-2	293	230	233	252	14.13	cps
Phosphorus	31-2	500	600	533	544	9.35	cps
Potassium	39-2	25841	26484	25983	26102	1.29	cps
Rhodium	103-1	1776935	1800514	1773404	1783618	0.83	cps
Rhodium	103-2	1485963	1452566	1443781	1460770	1.52	cps
Scandium	45-1	1436261	1401152	1427623	1421679	1.29	cps
Scandium	45-2	102285	99384	97968	99879	2.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	22	45	39	38.30	cps
Selenium	82-1	-9	54	-21	8	503.14	cps
Silicon	28-1	2101633	2121366	2097075	2106691	0.61	cps
Silver	109-1	100	117	150	122	20.83	cps
Silver	107-1	117	125	92	111	15.61	cps
Sodium	23-2	17219	17728	17503	17483	1.46	cps
Strontium	86-1	525	575	567	556	4.82	cps
Strontium	88-1	1508	1600	1542	1550	2.99	cps
Sulfur	34-1	179594	179095	176202	178297	1.03	cps
Terbium	159-1	2106364	2091006	2089954	2095775	0.44	cps
Terbium	159-2	1811561	1765580	1722401	1766514	2.52	cps
Thallium	203-1	17	75	92	61	64.44	cps
Thallium	205-1	117	233	58	136	65.46	cps
Tin	118-1	117	142	100	119	17.56	cps
Titanium	47-1	1809	1300	1625	1578	16.32	cps
Uranium	238-1	258	192	208	219	15.81	cps
Vanadium	51-2	450	400	377	409	9.16	cps
Yttrium	89-1	2043956	2029925	2048433	2040772	0.47	cps
Yttrium	89-2	535593	529581	524904	530026	1.01	cps
Zinc	66-2	240	207	217	221	7.74	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02LDLX625	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)LDL	Dilution Factor :	625
Date & Time Acquired ::	2019-06-02 15:23:49	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	467	433	550	483	12.43	cps
Zirconium	91-1	108	75	117	100	22.05	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:27:30	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30332	30372	30219	30308	0.26	cps
Antimony	121-1	1767	1667	1967	1800	8.49	cps
Arsenic	75-2	730	792	737	753	4.51	cps
Barium	135-1	32215	31346	31613	31725	1.40	cps
Barium	137-1	53726	54052	53483	53754	0.53	cps
Beryllium	9-1	2067	2034	2017	2039	1.25	cps
Bismuth	209-1	1238246	1236672	1246280	1240399	0.42	cps
Bismuth	209-2	1168154	1171396	1150356	1163302	0.97	cps
Boron	10-1	358	317	425	367	14.90	cps
Boron	11-1	1733	1725	1825	1761	3.15	cps
Cadmium	111-1	2495	2587	2444	2509	2.90	cps
Cadmium	106-1	742	717	758	739	2.84	cps
Cadmium	108-1	142	188	208	179	19.04	cps
Calcium	43-1	4259	4601	4509	4456	3.97	cps
Calcium	44-1	73970	72252	71322	72515	1.85	cps
Chromium	52-2	9170	9383	9133	9229	1.46	cps
Cobalt	59-2	8553	9093	8703	8783	3.18	cps
Copper	63-2	13553	13400	13490	13481	0.57	cps
Dysprosium	156-1	708	775	733	739	4.56	cps
Dysprosium	156-2	550	430	603	528	16.82	cps
Erbium	164-1	583	667	642	631	6.78	cps
Erbium	164-2	483	583	477	514	11.61	cps
Gadolinium	160-1	650	558	692	633	10.77	cps
Gadolinium	160-2	647	593	540	593	8.99	cps
Holmium	165-1	1952646	1975439	1972987	1967024	0.64	cps
Holmium	165-2	1667617	1705843	1695285	1689582	1.17	cps
Indium	115-1	1816848	1808856	1814002	1813235	0.22	cps
Indium	115-2	617482	627981	616648	620704	1.02	cps
Iron	56-2	704651	709010	699620	704427	0.67	cps
Iron	57-2	17211	17383	17317	17304	0.50	cps
Krypton	83-1	317	237	300	284	14.84	cps
Lead	206-1	6090	6074	6152	6105	0.67	cps
Lead	207-1	5518	5296	5246	5353	2.71	cps
Lead	208-1	24865	23692	24343	24300	2.42	cps
Lithium	6-1	380705	383308	388286	384100	1.00	cps
Magnesium	24-2	43233	43718	42548	43166	1.36	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:27:30	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7752	7656	7669	7692	0.68	cps
Molybdenum	94-1	16669	16502	16744	16638	0.74	cps
Molybdenum	95-1	20916	20725	20616	20752	0.73	cps
Molybdenum	96-1	23237	24155	24164	23852	2.23	cps
Molybdenum	97-1	12856	13248	12765	12956	1.98	cps
Molybdenum	98-1	33024	33801	33391	33405	1.16	cps
Neodymium	150-1	1000	1027	973	1000	2.67	cps
Neodymium	150-2	647	680	737	688	6.62	cps
Nickel	60-2	3217	3157	2997	3124	3.64	cps
Phosphorus	31-2	617	483	425	508	19.33	cps
Potassium	39-2	44504	44002	44663	44390	0.78	cps
Rhodium	103-1	1801186	1807014	1781958	1796719	0.73	cps
Rhodium	103-2	1451400	1461010	1443993	1452135	0.59	cps
Scandium	45-1	1449915	1405664	1438489	1431356	1.60	cps
Scandium	45-2	101147	101540	99384	100690	1.14	cps
Selenium	77-2	17	17	10	14	26.66	cps
Selenium	78-2	88	82	86	85	3.58	cps
Selenium	82-1	111	204	125	146	34.44	cps
Silicon	28-1	2426133	2474266	2459203	2453201	1.00	cps
Silver	109-1	9420	9295	9112	9276	1.67	cps
Silver	107-1	9954	10004	9996	9984	0.27	cps
Sodium	23-2	82455	84534	82363	83117	1.48	cps
Strontium	86-1	3817	3967	4393	4059	7.35	cps
Strontium	88-1	30652	30602	29583	30279	1.99	cps
Sulfur	34-1	173561	173805	174894	174086	0.41	cps
Terbium	159-1	2106157	2112293	2078923	2099124	0.85	cps
Terbium	159-2	1742071	1768414	1711988	1740824	1.62	cps
Thallium	203-1	5501	5743	5676	5640	2.21	cps
Thallium	205-1	13833	14075	13825	13911	1.02	cps
Tin	118-1	2367	2209	2234	2270	3.75	cps
Titanium	47-1	9837	10071	9979	9962	1.18	cps
Uranium	238-1	19658	19750	19440	19616	0.81	cps
Vanadium	51-2	5551	5771	5881	5735	2.93	cps
Yttrium	89-1	2038867	2027350	2040638	2035618	0.35	cps
Yttrium	89-2	530319	535515	530332	532055	0.56	cps
Zinc	66-2	2977	2887	2950	2938	1.57	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-04DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:27:30	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12414	11997	12164	12192	1.72	cps
Zirconium	91-1	2775	2667	2742	2728	2.03	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : K3010-05DLX125 Instrumnet Name : P8
 Client Sample ID : FESB-23(3-3.5)MSDDL Dilution Factor : 125
 Date & Time Acquired :: 2019-06-02 15:31:11 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27560	27460	27650	27557	0.35	cps
Antimony	121-1	2842	2717	2592	2717	4.60	cps
Arsenic	75-2	844	813	826	828	1.88	cps
Barium	135-1	30962	30435	30452	30616	0.98	cps
Barium	137-1	51166	51459	51844	51489	0.66	cps
Beryllium	9-1	2095	2256	2339	2230	5.57	cps
Bismuth	209-1	1223185	1242545	1235048	1233593	0.79	cps
Bismuth	209-2	1164581	1166947	1165660	1165730	0.10	cps
Boron	10-1	375	433	308	372	16.80	cps
Boron	11-1	1884	2042	1800	1909	6.43	cps
Cadmium	111-1	2675	2832	2809	2772	3.05	cps
Cadmium	106-1	725	908	717	783	13.83	cps
Cadmium	108-1	183	208	133	175	21.82	cps
Calcium	43-1	4092	4526	4292	4304	5.04	cps
Calcium	44-1	72814	70795	71314	71641	1.46	cps
Chromium	52-2	9243	9270	9190	9234	0.44	cps
Cobalt	59-2	9340	9513	9610	9488	1.44	cps
Copper	63-2	13990	13296	13263	13517	3.04	cps
Dysprosium	156-1	692	625	700	672	6.12	cps
Dysprosium	156-2	520	563	530	538	4.22	cps
Erbium	164-1	633	575	550	586	7.30	cps
Erbium	164-2	513	467	497	492	4.80	cps
Gadolinium	160-1	675	475	600	583	17.32	cps
Gadolinium	160-2	513	520	537	523	2.30	cps
Holmium	165-1	1931323	1952592	1910826	1931580	1.08	cps
Holmium	165-2	1689745	1692380	1702631	1694919	0.40	cps
Indium	115-1	1782459	1805763	1799166	1795796	0.67	cps
Indium	115-2	624846	630281	626161	627096	0.45	cps
Iron	56-2	656010	650455	654020	653495	0.43	cps
Iron	57-2	16471	16488	16816	16592	1.17	cps
Krypton	83-1	313	297	343	318	7.44	cps
Lead	206-1	6685	6824	6691	6733	1.17	cps
Lead	207-1	5574	5768	5418	5587	3.14	cps
Lead	208-1	26105	27062	26067	26411	2.13	cps
Lithium	6-1	368181	370600	369209	369330	0.33	cps
Magnesium	24-2	44512	43667	43985	44055	0.97	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:31:11	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7625	7722	7442	7597	1.87	cps
Molybdenum	94-1	17453	16419	17186	17019	3.16	cps
Molybdenum	95-1	20524	21542	21785	21284	3.14	cps
Molybdenum	96-1	22861	23871	23763	23498	2.36	cps
Molybdenum	97-1	13157	13574	13282	13337	1.60	cps
Molybdenum	98-1	34394	33325	34361	34027	1.79	cps
Neodymium	150-1	940	860	853	884	5.45	cps
Neodymium	150-2	573	617	573	588	4.26	cps
Nickel	60-2	3360	3187	3460	3336	4.15	cps
Phosphorus	31-2	558	467	517	514	8.93	cps
Potassium	39-2	43701	46076	44103	44627	2.85	cps
Rhodium	103-1	1767973	1759910	1772238	1766707	0.35	cps
Rhodium	103-2	1463590	1476057	1471014	1470220	0.43	cps
Scandium	45-1	1405945	1436450	1434688	1425694	1.20	cps
Scandium	45-2	101157	102624	100995	101592	0.88	cps
Selenium	77-2	7	0	13	7	99.98	cps
Selenium	78-2	79	87	85	84	4.98	cps
Selenium	82-1	116	143	57	105	41.92	cps
Silicon	28-1	2319547	2326864	2347997	2331470	0.63	cps
Silver	109-1	10262	10121	10296	10226	0.91	cps
Silver	107-1	11088	10972	10596	10885	2.36	cps
Sodium	23-2	84433	83225	85095	84251	1.13	cps
Strontium	86-1	4034	4643	4417	4365	7.05	cps
Strontium	88-1	31587	32431	31462	31827	1.66	cps
Sulfur	34-1	167480	171527	167386	168798	1.40	cps
Terbium	159-1	2040791	2112237	2086317	2079782	1.74	cps
Terbium	159-2	1769404	1765976	1757911	1764431	0.33	cps
Thallium	203-1	6318	6352	6277	6316	0.60	cps
Thallium	205-1	14826	15468	15527	15273	2.55	cps
Tin	118-1	3167	3609	3217	3331	7.26	cps
Titanium	47-1	9362	9345	9020	9242	2.09	cps
Uranium	238-1	21962	20601	21018	21193	3.29	cps
Vanadium	51-2	6071	6148	6098	6106	0.64	cps
Yttrium	89-1	2012163	2088502	2031371	2044012	1.94	cps
Yttrium	89-2	534966	540876	537742	537861	0.55	cps
Zinc	66-2	3064	3034	2957	3018	1.82	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-05DLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)MSDDL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:31:11	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13999	13115	13632	13582	3.27	cps
Zirconium	91-1	3184	2950	2909	3014	4.92	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:34:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30112	30690	30332	30378	0.96	cps
Antimony	121-1	1683	1725	1825	1745	4.17	cps
Arsenic	75-2	790	726	727	748	4.90	cps
Barium	135-1	30327	30795	30837	30653	0.92	cps
Barium	137-1	53534	52220	52388	52714	1.36	cps
Beryllium	9-1	1939	2050	1972	1987	2.87	cps
Bismuth	209-1	1209813	1196552	1220640	1209002	1.00	cps
Bismuth	209-2	1062861	1101131	1153528	1105840	4.12	cps
Boron	10-1	325	425	383	378	13.30	cps
Boron	11-1	1733	1683	1617	1678	3.49	cps
Cadmium	111-1	2389	2499	2568	2485	3.63	cps
Cadmium	106-1	633	650	725	669	7.29	cps
Cadmium	108-1	179	158	117	151	21.02	cps
Calcium	43-1	3901	4226	4134	4087	4.10	cps
Calcium	44-1	70544	70184	70116	70281	0.33	cps
Chromium	52-2	9160	8619	8666	8815	3.40	cps
Cobalt	59-2	8953	8676	8820	8816	1.57	cps
Copper	63-2	13630	13784	13453	13622	1.21	cps
Dysprosium	156-1	625	558	567	583	6.23	cps
Dysprosium	156-2	480	513	537	510	5.58	cps
Erbium	164-1	592	517	642	583	10.79	cps
Erbium	164-2	473	560	483	506	9.38	cps
Gadolinium	160-1	567	667	625	619	8.11	cps
Gadolinium	160-2	627	620	683	643	5.41	cps
Holmium	165-1	1916198	1932312	1963907	1937472	1.25	cps
Holmium	165-2	1548741	1599399	1701698	1616612	4.82	cps
Indium	115-1	1799592	1777316	1814147	1797018	1.03	cps
Indium	115-2	577818	594566	624452	598946	3.94	cps
Iron	56-2	694514	705896	693290	697900	1.00	cps
Iron	57-2	17478	17422	17700	17533	0.84	cps
Krypton	83-1	320	293	327	313	5.63	cps
Lead	206-1	6024	6085	5963	6024	1.01	cps
Lead	207-1	5079	5285	4996	5120	2.91	cps
Lead	208-1	24009	24226	23003	23746	2.75	cps
Lithium	6-1	360706	364189	371630	365508	1.53	cps
Magnesium	24-2	44679	43158	43910	43916	1.73	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:34:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7879	7509	7809	7732	2.54	cps
Molybdenum	94-1	15810	15559	16460	15943	2.92	cps
Molybdenum	95-1	20165	20541	20750	20485	1.45	cps
Molybdenum	96-1	22761	23462	23220	23148	1.54	cps
Molybdenum	97-1	12740	12973	13073	12929	1.32	cps
Molybdenum	98-1	31654	33801	32824	32760	3.28	cps
Neodymium	150-1	933	947	927	936	1.09	cps
Neodymium	150-2	690	620	687	666	5.93	cps
Nickel	60-2	2920	2914	2994	2943	1.51	cps
Phosphorus	31-2	633	550	475	553	14.33	cps
Potassium	39-2	44387	45156	44404	44649	0.98	cps
Rhodium	103-1	1727419	1793243	1746661	1755774	1.93	cps
Rhodium	103-2	1349430	1391159	1455560	1398716	3.82	cps
Scandium	45-1	1405164	1401534	1448495	1418397	1.84	cps
Scandium	45-2	93811	96119	100667	96866	3.60	cps
Selenium	77-2	17	13	17	16	12.40	cps
Selenium	78-2	89	79	82	83	6.16	cps
Selenium	82-1	131	63	60	85	47.14	cps
Silicon	28-1	2456893	2449229	2450987	2452370	0.16	cps
Silver	109-1	8962	9137	9178	9092	1.27	cps
Silver	107-1	9745	9295	9554	9531	2.37	cps
Sodium	23-2	83862	84274	83033	83723	0.76	cps
Strontium	86-1	3601	3734	3742	3692	2.15	cps
Strontium	88-1	29365	29290	29942	29532	1.21	cps
Sulfur	34-1	166275	168737	165567	166860	1.00	cps
Terbium	159-1	2055705	2097964	2072521	2075396	1.03	cps
Terbium	159-2	1606590	1662771	1730632	1666664	3.73	cps
Thallium	203-1	5493	5626	5735	5618	2.16	cps
Thallium	205-1	13424	13241	13257	13307	0.76	cps
Tin	118-1	2484	2234	2234	2317	6.23	cps
Titanium	47-1	9812	9629	10254	9898	3.25	cps
Uranium	238-1	18714	18414	19900	19009	4.13	cps
Vanadium	51-2	5888	6201	6101	6064	2.64	cps
Yttrium	89-1	2017742	2036286	2050265	2034765	0.80	cps
Yttrium	89-2	488046	507943	535714	510568	4.69	cps
Zinc	66-2	2810	3124	2780	2905	6.55	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	K3010-02ADLX125	Instrumnet Name :	P8
Client Sample ID :	FESB-23(3-3.5)ADL	Dilution Factor :	125
Date & Time Acquired ::	2019-06-02 15:34:52	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12356	11864	11764	11994	2.64	cps
Zirconium	91-1	2659	2617	2525	2600	2.62	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:38:34	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1670781	1678069	1671684	1673511	0.24	cps
Antimony	121-1	1283020	1264073	1263471	1270188	0.88	cps
Arsenic	75-2	105578	107901	107444	106974	1.15	cps
Barium	135-1	1268916	1255107	1249028	1257684	0.81	cps
Barium	137-1	2155298	2103467	2079319	2112695	1.84	cps
Beryllium	9-1	277493	275702	276933	276709	0.33	cps
Bismuth	209-1	1210317	1199527	1184986	1198276	1.06	cps
Bismuth	209-2	1115218	1106900	1101065	1107727	0.64	cps
Boron	10-1	30282	28971	29656	29637	2.21	cps
Boron	11-1	143478	142520	145750	143916	1.15	cps
Cadmium	111-1	289367	290363	284775	288168	1.03	cps
Cadmium	106-1	29716	30192	29767	29892	0.87	cps
Cadmium	108-1	21113	21112	20616	20947	1.37	cps
Calcium	43-1	1768832	1768108	1812814	1783251	1.44	cps
Calcium	44-1	28792103	28556682	29373763	28907516	1.45	cps
Chromium	52-2	638024	637423	649611	641686	1.07	cps
Cobalt	59-2	978484	986025	993043	985850	0.74	cps
Copper	63-2	1354682	1356685	1377788	1363052	0.94	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	13	17	10	13	25.01	cps
Erbium	164-1	25	8	0	11	114.58	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	13	17	23	18	28.64	cps
Holmium	165-1	2009725	2001634	1914471	1975277	2.67	cps
Holmium	165-2	1697304	1659859	1663683	1673615	1.23	cps
Indium	115-1	1762586	1737761	1727979	1742775	1.02	cps
Indium	115-2	590870	592687	591282	591613	0.16	cps
Iron	56-2	124473614	123310364	125259914	124347964	0.79	cps
Iron	57-2	3101820	3115399	3096224	3104481	0.32	cps
Krypton	83-1	237	197	293	242	20.05	cps
Lead	206-1	658565	648489	645269	650774	1.07	cps
Lead	207-1	591579	585505	573609	583564	1.57	cps
Lead	208-1	2671533	2653696	2606239	2643823	1.28	cps
Lithium	6-1	368828	370254	370032	369705	0.21	cps
Magnesium	24-2	17612488	17920190	17943848	17825509	1.04	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : CCV02 Instrumnet Name : P8
 Client Sample ID : CCV02 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 15:38:34 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	690073	684163	698628	690955	1.05	cps
Molybdenum	94-1	2276855	2291461	2243650	2270655	1.08	cps
Molybdenum	95-1	2787510	2794747	2711386	2764548	1.67	cps
Molybdenum	96-1	3123805	3069628	3095103	3096179	0.88	cps
Molybdenum	97-1	1722387	1681498	1726975	1710286	1.46	cps
Molybdenum	98-1	4480637	4357233	4292172	4376681	2.19	cps
Neodymium	150-1	113	60	80	84	31.91	cps
Neodymium	150-2	27	20	23	23	14.29	cps
Nickel	60-2	260143	264419	264812	263125	0.98	cps
Phosphorus	31-2	26943	28095	27026	27355	2.35	cps
Potassium	39-2	10593943	10624176	10635146	10617755	0.20	cps
Rhodium	103-1	1671653	1642384	1645927	1653321	0.97	cps
Rhodium	103-2	1359143	1357573	1352116	1356277	0.27	cps
Scandium	45-1	1454471	1427385	1428068	1436641	1.08	cps
Scandium	45-2	100294	98985	99901	99727	0.67	cps
Selenium	77-2	1737	1643	1730	1703	3.06	cps
Selenium	78-2	5630	5691	5585	5635	0.94	cps
Selenium	82-1	20448	20306	19915	20223	1.36	cps
Silicon	28-1	2678170	2667787	2711934	2685964	0.86	cps
Silver	109-1	1289287	1281394	1260204	1276962	1.18	cps
Silver	107-1	1370950	1361746	1332081	1354926	1.50	cps
Sodium	23-2	36350998	36263825	36483513	36366112	0.30	cps
Strontium	86-1	350990	348222	343666	347626	1.06	cps
Strontium	88-1	3030247	3037034	2980944	3016075	1.01	cps
Sulfur	34-1	287514	284048	285311	285624	0.61	cps
Terbium	159-1	2149763	2084418	2055567	2096583	2.30	cps
Terbium	159-2	1742863	1738031	1733291	1738062	0.28	cps
Thallium	203-1	812291	808354	787336	802660	1.67	cps
Thallium	205-1	2012845	1938815	1900511	1950724	2.93	cps
Tin	118-1	842103	823933	819016	828350	1.47	cps
Titanium	47-1	915553	905448	906788	909263	0.60	cps
Uranium	238-1	2610884	2626775	2532651	2590103	1.95	cps
Vanadium	51-2	528766	530326	535618	531570	0.68	cps
Yttrium	89-1	2080911	2046895	1985254	2037687	2.38	cps
Yttrium	89-2	520459	523020	519692	521057	0.33	cps
Zinc	66-2	243832	245989	247947	245923	0.84	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:38:34	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1962422	1950474	1905874	1939590	1.54	cps
Zirconium	91-1	422620	425268	411629	419839	1.72	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P8
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 15:43:52 DataFile Name : 028LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	540	737	630	636	15.49	cps
Antimony	121-1	4843	4576	4951	4790	4.03	cps
Arsenic	75-2	225	214	207	215	4.22	cps
Barium	135-1	5226	4401	4676	4768	8.81	cps
Barium	137-1	8086	8103	8436	8208	2.41	cps
Beryllium	9-1	606	567	450	541	14.97	cps
Bismuth	209-1	1256989	1259298	1250222	1255503	0.38	cps
Bismuth	209-2	1171680	1162790	1167024	1167165	0.38	cps
Boron	10-1	1567	1892	1583	1681	10.89	cps
Boron	11-1	8444	8378	8645	8489	1.64	cps
Cadmium	111-1	993	806	842	880	11.30	cps
Cadmium	106-1	633	467	550	550	15.15	cps
Cadmium	108-1	42	42	79	54	39.97	cps
Calcium	43-1	4026	4034	4301	4120	3.80	cps
Calcium	44-1	71281	72696	70200	71393	1.75	cps
Chromium	52-2	3224	3310	3140	3225	2.64	cps
Cobalt	59-2	2017	2007	2050	2025	1.12	cps
Copper	63-2	3644	3424	3540	3536	3.11	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	25	0	14	91.65	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	17	42	33	31	41.66	cps
Gadolinium	160-2	7	20	13	13	49.99	cps
Holmium	165-1	1964653	2006121	1986662	1985812	1.04	cps
Holmium	165-2	1692801	1684862	1702762	1693475	0.53	cps
Indium	115-1	1835124	1822074	1863609	1840269	1.15	cps
Indium	115-2	635365	630205	631450	632340	0.43	cps
Iron	56-2	54417	55153	55075	54882	0.74	cps
Iron	57-2	1367	1306	1445	1372	5.07	cps
Krypton	83-1	280	293	317	297	6.25	cps
Lead	206-1	1672	1672	1622	1656	1.74	cps
Lead	207-1	1495	1461	1445	1467	1.74	cps
Lead	208-1	6845	6612	6551	6669	2.33	cps
Lithium	6-1	405287	410473	407091	407617	0.65	cps
Magnesium	24-2	36063	36405	36364	36277	0.51	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:43:52	DataFile Name :	028LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	723	737	770	743	3.23	cps
Molybdenum	94-1	4309	4843	4676	4609	5.92	cps
Molybdenum	95-1	5601	5793	5560	5651	2.20	cps
Molybdenum	96-1	5835	6051	6235	6040	3.32	cps
Molybdenum	97-1	3659	3326	3526	3503	4.79	cps
Molybdenum	98-1	8911	8720	8945	8859	1.37	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	613	627	560	600	5.88	cps
Phosphorus	31-2	633	642	492	589	14.32	cps
Potassium	39-2	67353	67637	66842	67277	0.60	cps
Rhodium	103-1	1808303	1809998	1795703	1804668	0.43	cps
Rhodium	103-2	1480365	1464137	1471331	1471945	0.55	cps
Scandium	45-1	1459593	1489653	1478951	1476066	1.03	cps
Scandium	45-2	102043	101980	100962	101662	0.60	cps
Selenium	77-2	7	27	23	19	56.72	cps
Selenium	78-2	91	88	88	89	1.95	cps
Selenium	82-1	180	172	156	170	7.28	cps
Silicon	28-1	2047236	2074439	2070260	2063978	0.71	cps
Silver	109-1	2384	2209	2625	2406	8.70	cps
Silver	107-1	2584	2634	2525	2581	2.10	cps
Sodium	23-2	95653	96961	93539	95384	1.81	cps
Strontium	86-1	850	1292	1042	1061	20.87	cps
Strontium	88-1	5701	5910	5735	5782	1.94	cps
Sulfur	34-1	177729	176970	180405	178368	1.01	cps
Terbium	159-1	2129429	2141954	2139022	2136802	0.31	cps
Terbium	159-2	1742110	1740103	1771638	1751283	1.01	cps
Thallium	203-1	1508	1450	1834	1597	12.93	cps
Thallium	205-1	3867	3984	3692	3848	3.82	cps
Tin	118-1	8286	8219	8595	8367	2.39	cps
Titanium	47-1	2842	3300	3209	3117	7.78	cps
Uranium	238-1	4418	4176	4909	4501	8.31	cps
Vanadium	51-2	5318	5171	5224	5238	1.42	cps
Yttrium	89-1	2088883	2100968	2035270	2075040	1.69	cps
Yttrium	89-2	536939	531396	534402	534245	0.52	cps
Zinc	66-2	557	557	553	556	0.35	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:43:52	DataFile Name :	028LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3392	3809	3692	3631	5.92	cps
Zirconium	91-1	683	892	858	811	13.80	cps

LB Number : LB103157 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-02 15:47:33 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77	120	107	101	21.95	cps
Antimony	121-1	117	75	83	92	24.05	cps
Arsenic	75-2	6	3	1	3	75.50	cps
Barium	135-1	8	0	17	8	100.02	cps
Barium	137-1	33	17	17	22	43.28	cps
Beryllium	9-1	28	22	33	28	20.00	cps
Bismuth	209-1	1213179	1216462	1213402	1214348	0.15	cps
Bismuth	209-2	1161355	1155697	1156057	1157703	0.27	cps
Boron	10-1	275	208	325	269	21.72	cps
Boron	11-1	1475	1142	1292	1303	12.82	cps
Cadmium	111-1	376	305	437	373	17.80	cps
Cadmium	106-1	533	442	617	531	16.50	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	533	467	642	547	16.14	cps
Calcium	44-1	12497	12456	12948	12634	2.16	cps
Chromium	52-2	853	877	957	896	6.05	cps
Cobalt	59-2	73	47	70	63	22.94	cps
Copper	63-2	703	677	717	699	2.91	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	0	0	8	173.21	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	1955447	1924045	1912557	1930683	1.15	cps
Holmium	165-2	1704604	1728628	1678921	1704051	1.46	cps
Indium	115-1	1804801	1814376	1767752	1795643	1.37	cps
Indium	115-2	628923	627819	626924	627889	0.16	cps
Iron	56-2	2761	2845	3100	2902	6.09	cps
Iron	57-2	78	72	100	83	17.64	cps
Krypton	83-1	277	293	293	288	3.34	cps
Lead	206-1	311	361	233	302	21.33	cps
Lead	207-1	233	261	250	248	5.63	cps
Lead	208-1	1122	1300	1200	1207	7.38	cps
Lithium	6-1	374677	377372	376331	376127	0.36	cps
Magnesium	24-2	250	292	308	283	10.61	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:47:33	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	50	20	41	44.65	cps
Molybdenum	94-1	108	125	42	92	48.10	cps
Molybdenum	95-1	42	8	8	19	99.00	cps
Molybdenum	96-1	83	75	67	75	11.11	cps
Molybdenum	97-1	100	75	75	83	17.33	cps
Molybdenum	98-1	33	25	25	28	17.31	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	57	80	62	25.32	cps
Phosphorus	31-2	417	417	475	436	7.72	cps
Potassium	39-2	26551	26225	26976	26584	1.42	cps
Rhodium	103-1	1773478	1745785	1768314	1762526	0.84	cps
Rhodium	103-2	1468765	1467627	1460780	1465724	0.29	cps
Scandium	45-1	1404856	1436425	1437329	1426203	1.30	cps
Scandium	45-2	100549	102171	101668	101462	0.82	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	42	32	44	39	16.35	cps
Selenium	82-1	-4	-53	-22	-26	-94.69	cps
Silicon	28-1	2023691	2062708	2056249	2047549	1.02	cps
Silver	109-1	158	175	125	153	16.67	cps
Silver	107-1	125	125	183	144	23.32	cps
Sodium	23-2	21083	20849	20949	20960	0.56	cps
Strontium	86-1	275	358	508	381	31.07	cps
Strontium	88-1	25	33	50	36	35.25	cps
Sulfur	34-1	174667	177686	177357	176570	0.94	cps
Terbium	159-1	2061791	2082032	2050757	2064860	0.77	cps
Terbium	159-2	1751472	1744775	1765658	1753968	0.61	cps
Thallium	203-1	50	50	33	44	21.66	cps
Thallium	205-1	200	108	158	156	29.50	cps
Tin	118-1	117	167	133	139	18.33	cps
Titanium	47-1	1300	1208	1325	1278	4.81	cps
Uranium	238-1	0	8	8	6	86.60	cps
Vanadium	51-2	23	23	17	21	18.21	cps
Yttrium	89-1	2027441	2013765	2016975	2019393	0.35	cps
Yttrium	89-2	536994	533395	533982	534790	0.36	cps
Zinc	66-2	63	60	40	54	23.18	cps

LB Number :	LB103157	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-06-02 15:47:33	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	192	192	133	172	19.55	cps
Zirconium	91-1	33	0	50	28	91.65	cps